

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120222\
 Data File : VN075534.D
 Acq On : 02 Dec 2022 16:05
 Operator : JC\MD
 Sample : VN1202MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1202MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/05/2022
 Supervised By : Mahesh Dadoda 12/05/2022

Quant Time: Dec 03 00:33:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	127925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	212244	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	192985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	94184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	37668	54.855	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.700%			
35) Dibromofluoromethane	8.171	113	46896	56.246	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.500%			
50) Toluene-d8	10.571	98	96405	51.337	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.680%			
62) 4-Bromofluorobenzene	12.853	95	71372	51.492	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	16782	17.156	ug/l	96
3) Chloromethane	2.371	50	21652	17.789	ug/l	98
4) Vinyl Chloride	2.524	62	27887	18.179	ug/l	96
5) Bromomethane	2.918	94	29478	21.853	ug/l	95
6) Chloroethane	3.101	64	23557	20.267	ug/l	90
7) Trichlorofluoromethane	3.495	101	38965	17.781	ug/l	99
8) Diethyl Ether	3.971	74	16871	21.965	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	23111	19.103	ug/l	94
10) Methyl Iodide	4.595	142	41207	21.020	ug/l	95
11) Tert butyl alcohol	5.536	59	34902	121.077	ug/l	100
12) 1,1-Dichloroethene	4.348	96	21621	18.251	ug/l	83
13) Acrolein	4.189	56	25439	101.301	ug/l	100
14) Allyl chloride	5.036	41	30557	19.941	ug/l	94
15) Acrylonitrile	5.736	53	74581	112.771	ug/l	99
16) Acetone	4.442	43	59633	93.103	ug/l	96
17) Carbon Disulfide	4.718	76	46843	15.215	ug/l	99
18) Methyl Acetate	5.030	43	40094	24.161	ug/l	92
19) Methyl tert-butyl Ether	5.806	73	92380	22.013	ug/l	94
20) Methylene Chloride	5.283	84	29694	22.150	ug/l	95
21) trans-1,2-Dichloroethene	5.795	96	24777	18.352	ug/l	92
22) Diisopropyl ether	6.683	45	74369	21.267	ug/l #	95
23) Vinyl Acetate	6.612	43	296722m	106.659	ug/l	
24) 1,1-Dichloroethane	6.583	63	45400	20.227	ug/l	99
25) 2-Butanone	7.494	43	95848	107.185	ug/l	98
26) 2,2-Dichloropropane	7.500	77	37476	17.965	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	32257	21.130	ug/l	91
28) Bromochloromethane	7.818	49	20149	22.115	ug/l	83
29) Tetrahydrofuran	7.847	42	58634	107.797	ug/l	95
30) Chloroform	7.971	83	52016	20.180	ug/l	95
31) Cyclohexane	8.259	56	34232	15.691	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	44643	19.075	ug/l	95
36) 1,1-Dichloropropene	8.377	75	31860	17.522	ug/l	95
37) Ethyl Acetate	7.565	43	37155	22.694	ug/l	98
38) Carbon Tetrachloride	8.365	117	38284	19.167	ug/l	97
39) Methylcyclohexane	9.600	83	38832	17.064	ug/l	96
40) Benzene	8.606	78	125452	22.535	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	19645	23.470	ug/l	97
42) 1,2-Dichloroethane	8.677	62	39300	21.079	ug/l	98
43) Isopropyl Acetate	8.694	43	58431	22.235	ug/l	96
44) Trichloroethene	9.353	130	29341	19.262	ug/l	93
45) 1,2-Dichloropropane	9.624	63	27169	20.480	ug/l	98
46) Dibromomethane	9.712	93	21606	21.532	ug/l #	86
47) Bromodichloromethane	9.888	83	40909	21.053	ug/l	99
48) Methyl methacrylate	9.683	41	26701	21.974	ug/l	97
49) 1,4-Dioxane	9.700	88	15990	463.420	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	188709	112.745	ug/l	96
52) Toluene	10.635	92	73597	20.515	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	40652	20.839	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	43669	20.611	ug/l	96
55) 1,1,2-Trichloroethane	11.024	97	31751	21.731	ug/l	95
56) Ethyl methacrylate	10.877	69	44018	22.308	ug/l	95
57) 1,3-Dichloropropane	11.165	76	50884	21.358	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	80952	113.753	ug/l	95
59) 2-Hexanone	11.200	43	140229	111.573	ug/l	97
60) Dibromochloromethane	11.359	129	35434	23.626	ug/l	98
61) 1,2-Dibromoethane	11.471	107	33381	22.011	ug/l	99
64) Tetrachloroethene	11.106	164	26525	17.998	ug/l	86
65) Chlorobenzene	11.894	112	77637	19.480	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	31641	21.272	ug/l	100
67) Ethyl Benzene	11.965	91	129916	19.107	ug/l	98
68) m/p-Xylenes	12.077	106	106636	38.620	ug/l	98
69) o-Xylene	12.400	106	54630	19.913	ug/l	92
70) Styrene	12.412	104	85489	19.754	ug/l	99
71) Bromoform	12.582	173	27035	23.881	ug/l #	98
73) Isopropylbenzene	12.700	105	133673	19.426	ug/l	98
74) N-amyl acetate	12.494	43	46172	21.826	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	49584	23.635	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	36262m	20.363	ug/l	
77) Bromobenzene	12.982	156	35425	20.853	ug/l	85
78) n-propylbenzene	13.041	91	146040	19.017	ug/l	99
79) 2-Chlorotoluene	13.129	91	90886	19.643	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	114262	19.987	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	13446	22.341	ug/l	94
82) 4-Chlorotoluene	13.129	91	90886	19.643	ug/l	96
83) tert-Butylbenzene	13.441	119	101591	19.490	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	115794	20.193	ug/l	97
85) sec-Butylbenzene	13.618	105	136771	19.338	ug/l	99
86) p-Isopropyltoluene	13.729	119	115503	19.411	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	62278	19.349	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	61578	18.834	ug/l	99
89) n-Butylbenzene	14.059	91	88160	17.542	ug/l	99
90) Hexachloroethane	14.335	117	20841	20.302	ug/l	81
91) 1,2-Dichlorobenzene	14.106	146	66606	21.230	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9974	25.098	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	33314	20.720	ug/l	96
94) Hexachlorobutadiene	15.506	225	16658	19.891	ug/l	96
95) Naphthalene	15.641	128	106363	21.028	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	32269	20.421	ug/l	97

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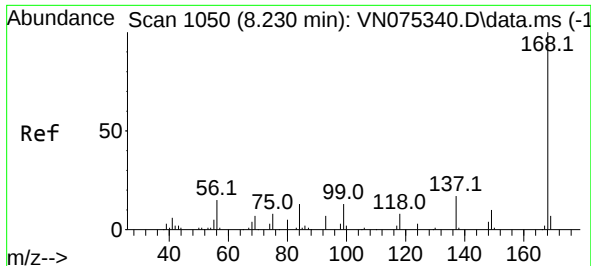
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

Quant Time: Dec 03 00:33:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



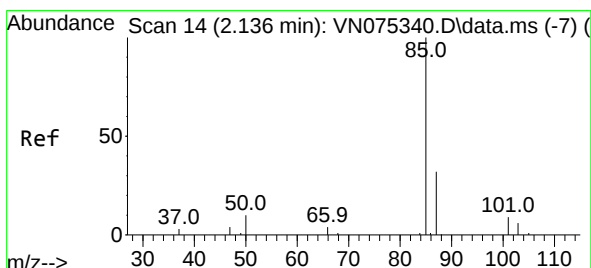
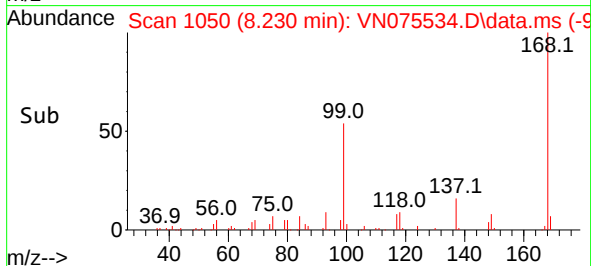
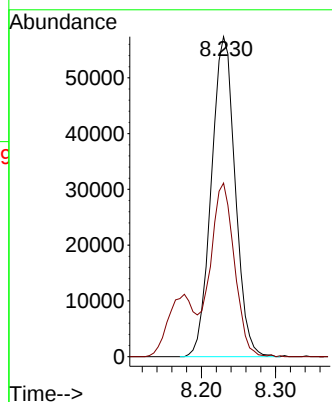
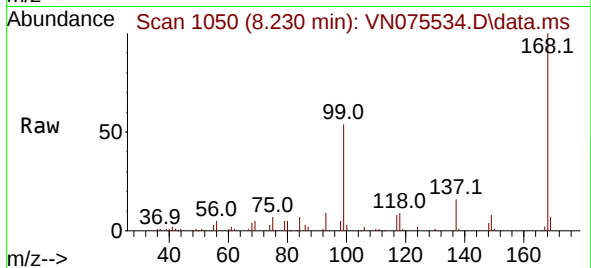
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075534.D
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Instrument :
MSVOA_N
ClientSampleId :
VN1202MBS02

Tgt Ion:168 Resp: 127925
Ion Ratio Lower Upper
168 100
99 53.9 51.6 77.4

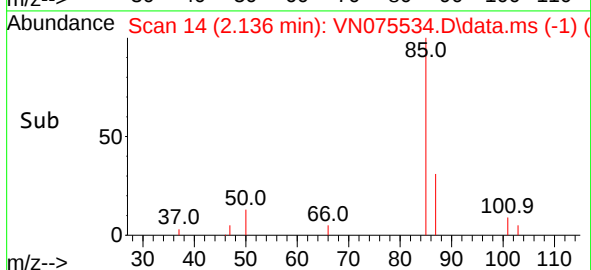
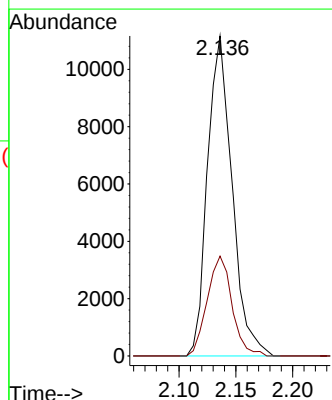
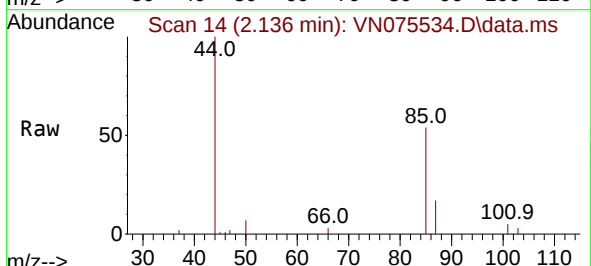
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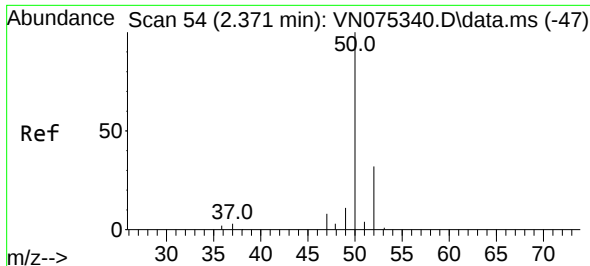
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#2
Dichlorodifluoromethane
Concen: 17.156 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Tgt Ion: 85 Resp: 16782
Ion Ratio Lower Upper
85 100
87 31.2 16.7 50.0





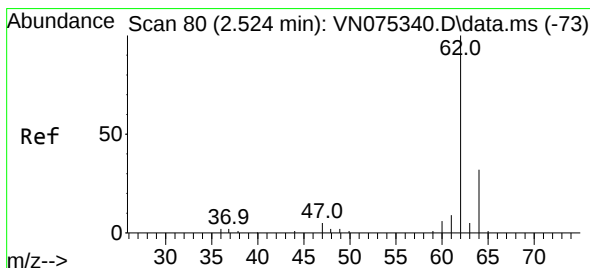
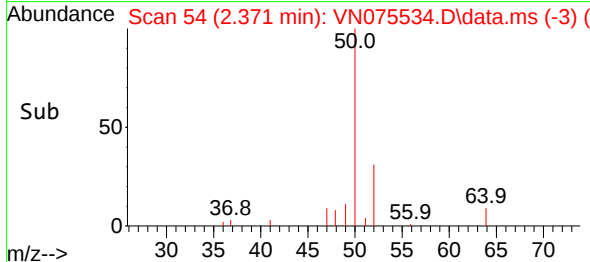
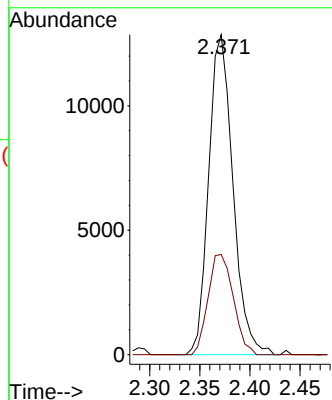
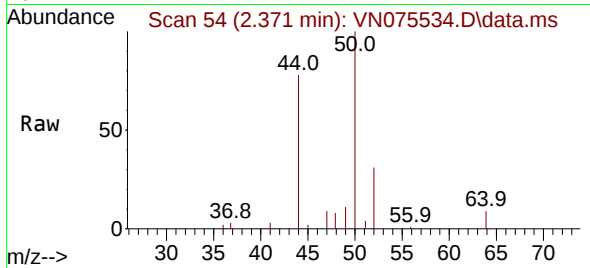
#3
Chloromethane
Concen: 17.789 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Instrument :
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Tgt Ion: 50 Resp: 21652
Ion Ratio Lower Upper
50 100
52 31.3 25.8 38.6

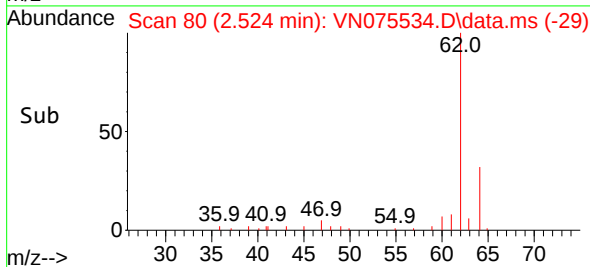
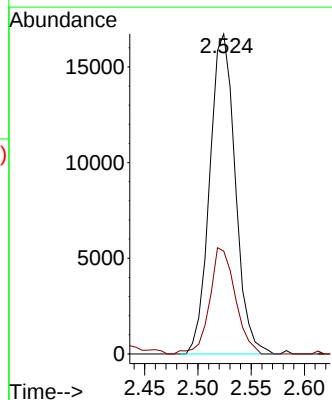
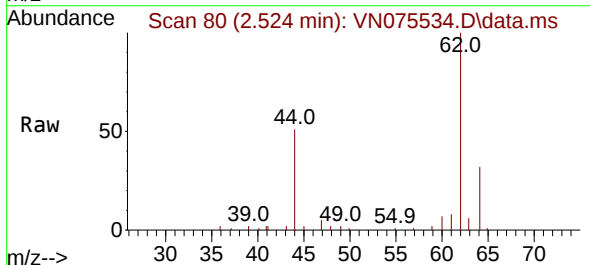
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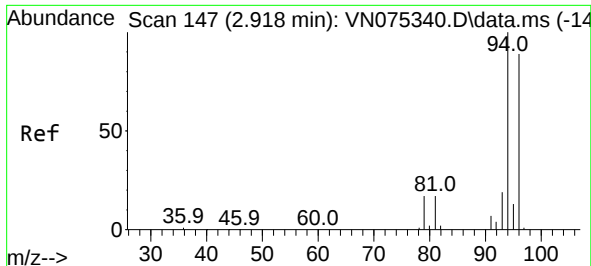
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#4
Vinyl Chloride
Concen: 18.179 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

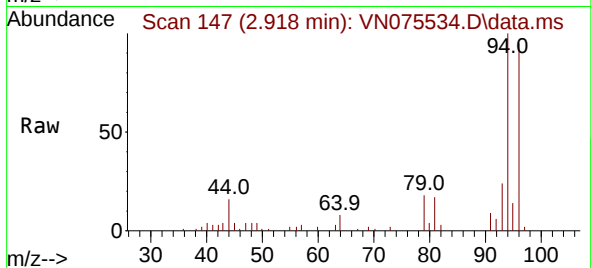
Tgt Ion: 62 Resp: 27887
Ion Ratio Lower Upper
62 100
64 32.1 24.0 36.0





#5
Bromomethane
Concen: 21.853 ug/l
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

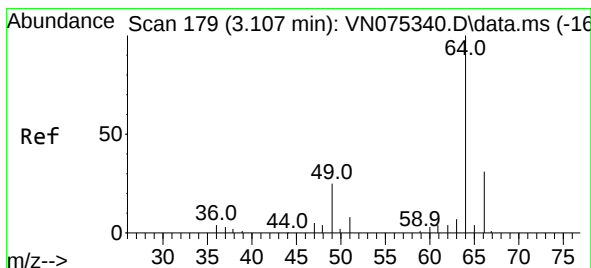
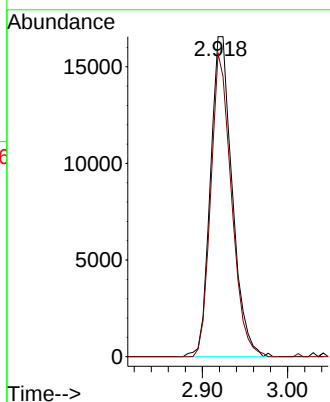
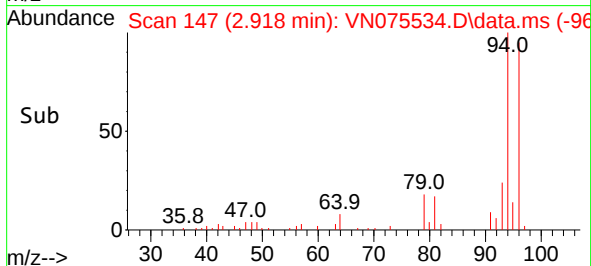
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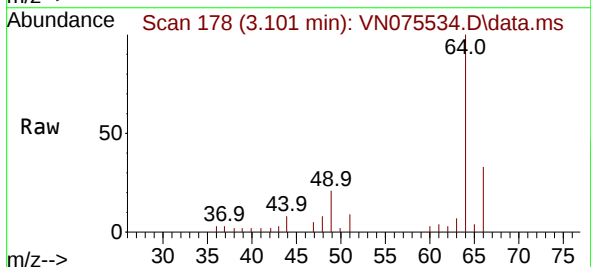
Tgt Ion: 94 Resp: 29478
Ion Ratio Lower Upper
94 100
96 94.7 71.8 107.6

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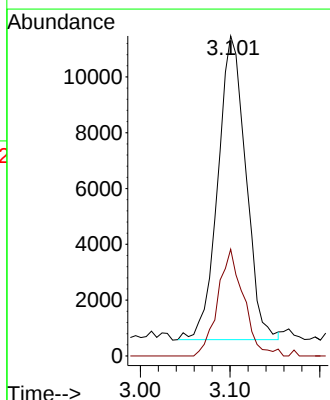
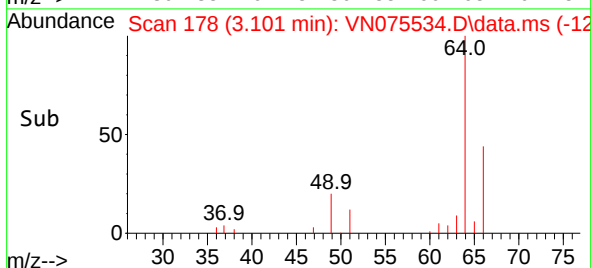
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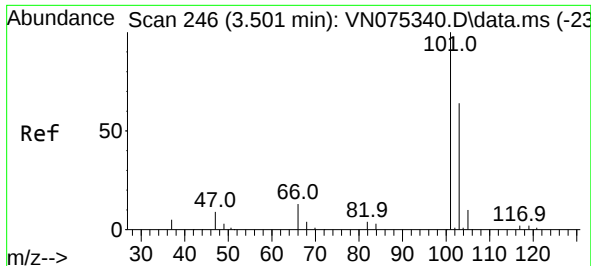


#6
Chloroethane
Concen: 20.267 ug/l
RT: 3.101 min Scan# 178
Delta R.T. -0.006 min
Lab File: VN075534.D
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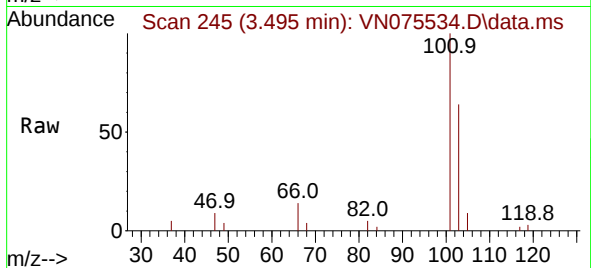
Tgt Ion: 64 Resp: 23557
Ion Ratio Lower Upper
64 100
66 35.1 23.8 35.8





#7
Trichlorofluoromethane
Concen: 17.781 ug/l
RT: 3.495 min Scan# 246
Delta R.T. -0.006 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

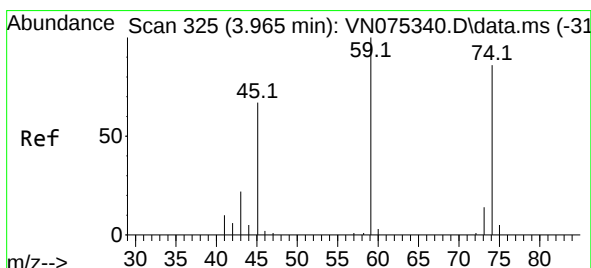
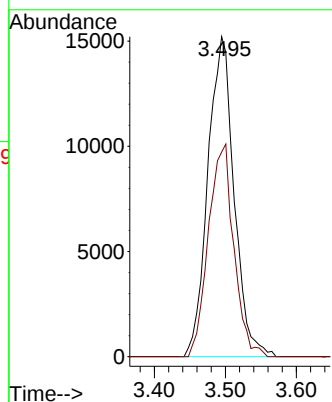
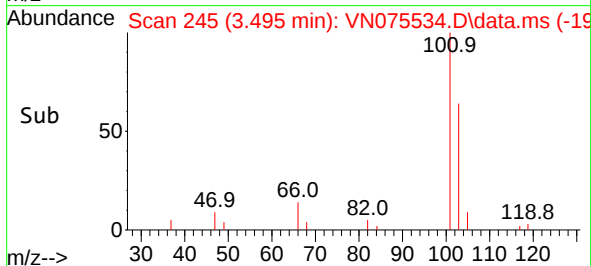
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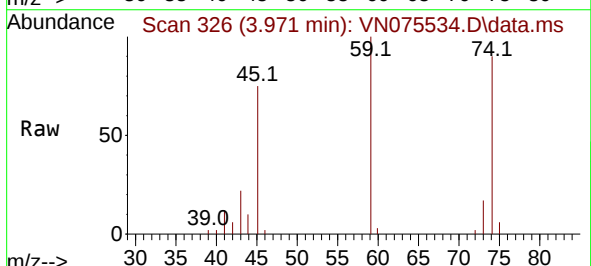
Tgt Ion:101 Resp: 3896
Ion Ratio Lower Upper
101 100
103 63.9 50.5 75.7

Manual Integrations
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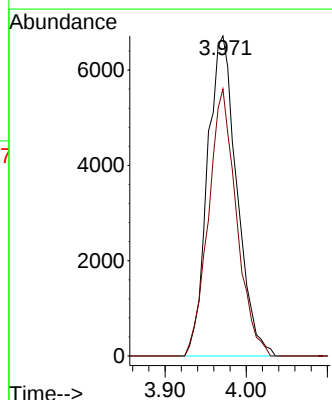
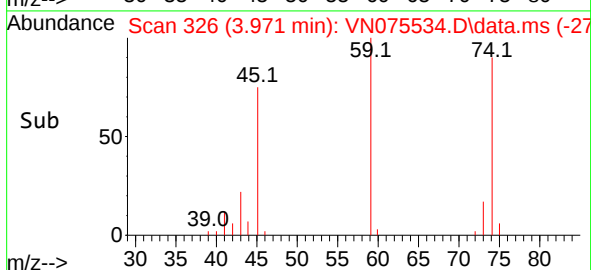
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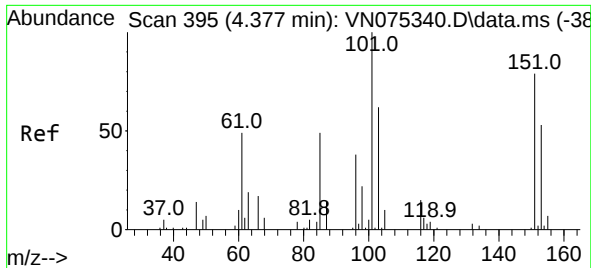


#8
Diethyl Ether
Concen: 21.965 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.006 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05



Tgt Ion: 74 Resp: 16871
Ion Ratio Lower Upper
74 100
45 79.8 39.3 117.9





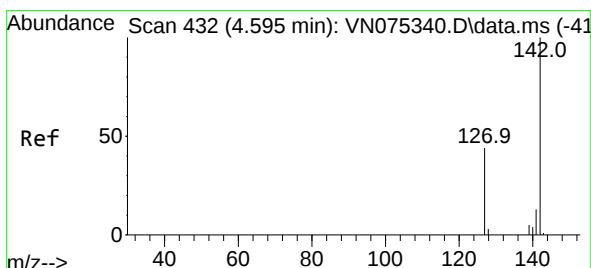
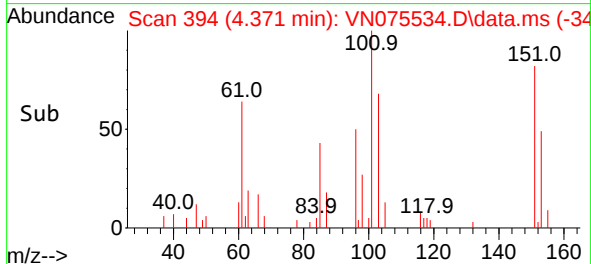
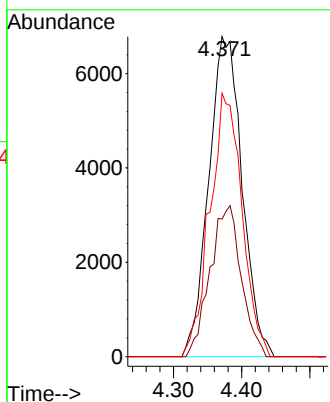
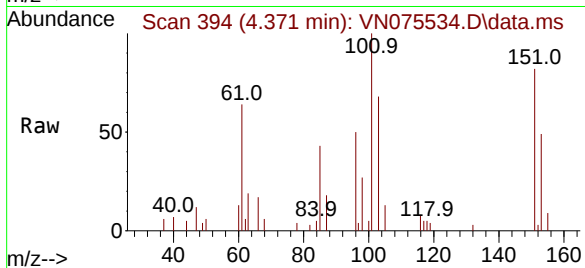
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.103 ug/l
RT: 4.371 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Instrument :
MSVOA_N
ClientSampleId :
VN1202MBS02

Tgt Ion:101 Resp: 2311
Ion Ratio Lower Upper
101 100
85 44.2 37.6 56.4
151 79.1 58.3 87.5

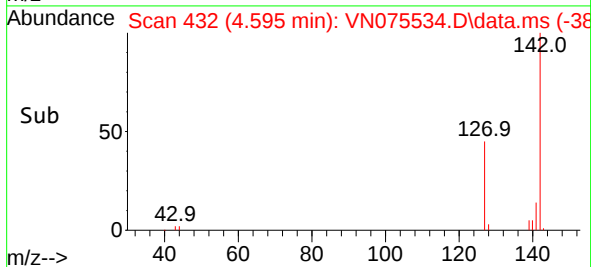
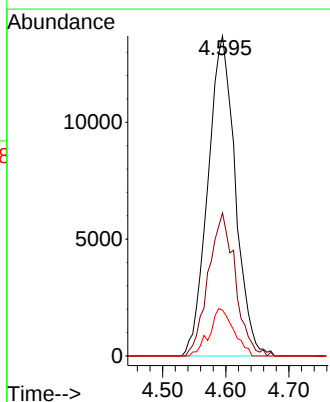
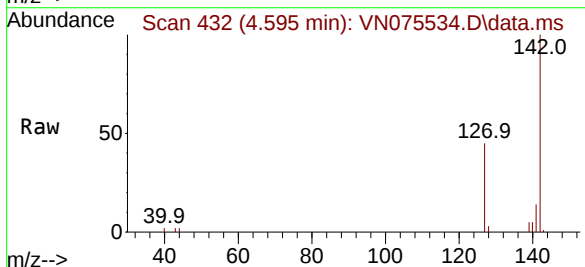
Manual Integrations
APPROVED

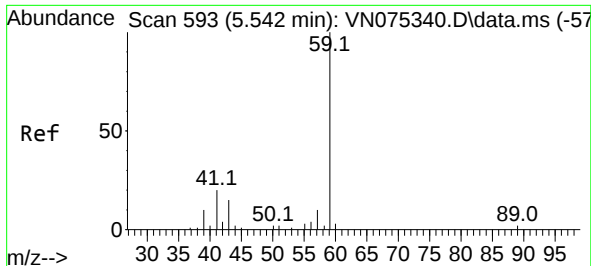
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#10
Methyl Iodide
Concen: 21.020 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Tgt Ion:142 Resp: 41207
Ion Ratio Lower Upper
142 100
127 44.0 38.0 57.0
141 13.2 12.2 18.4





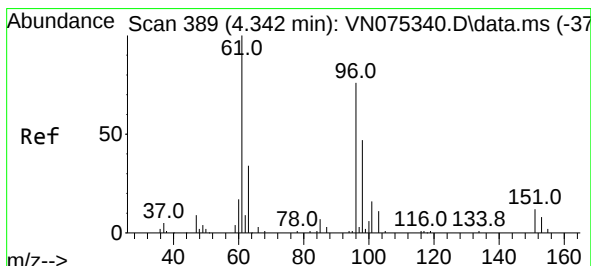
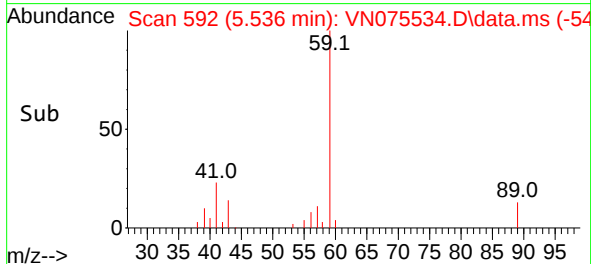
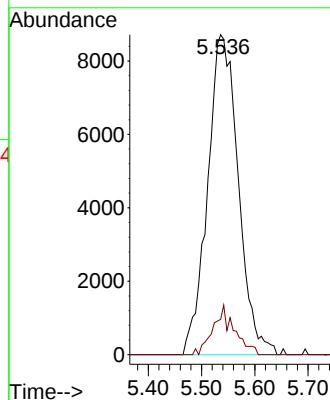
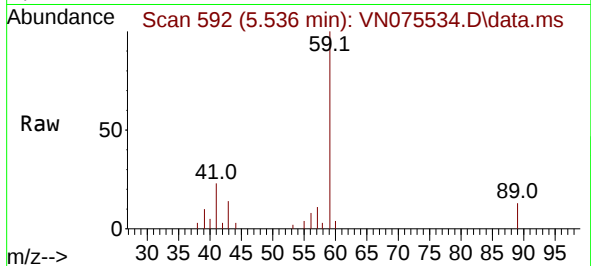
#11
Tert butyl alcohol
Concen: 121.077 ug/l
RT: 5.536 min Scan# 59
Delta R.T. -0.006 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Instrument :
MSVOA_N
ClientSampleId :
VN1202MBS02

Tgt Ion: 59 Resp: 3490
Ion Ratio Lower Upper
59 100
57 10.7 8.5 12.7

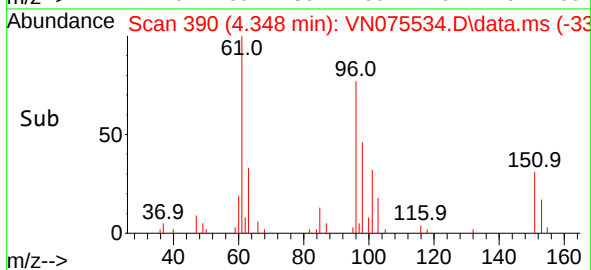
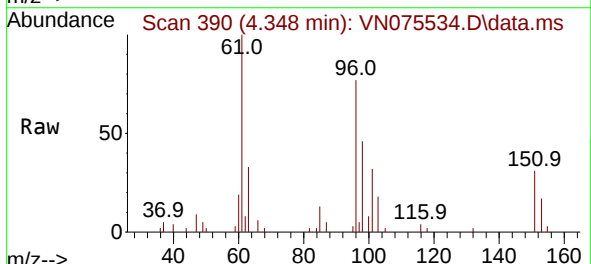
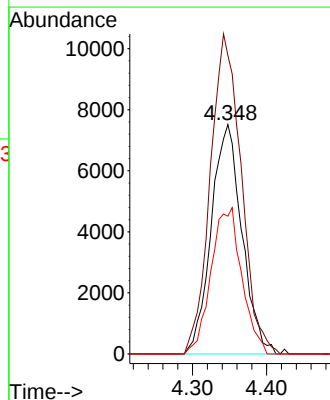
Manual Integrations
APPROVED

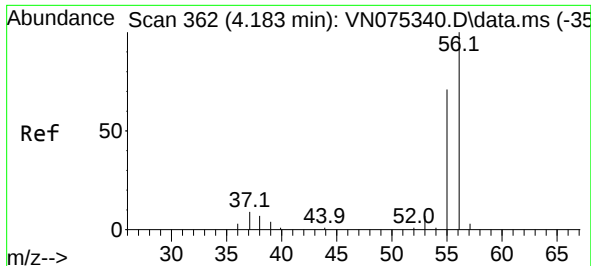
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#12
1,1-Dichloroethene
Concen: 18.251 ug/l
RT: 4.348 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Tgt Ion: 96 Resp: 21621
Ion Ratio Lower Upper
96 100
61 130.2 126.2 189.4
98 60.0 51.5 77.3





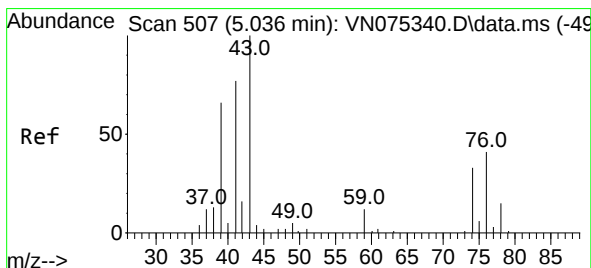
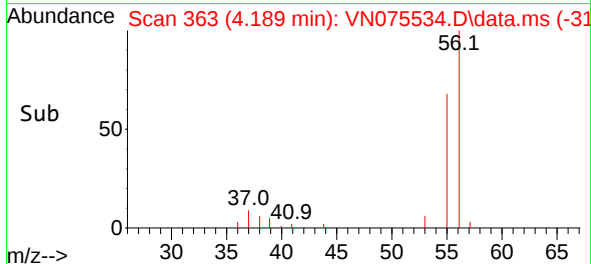
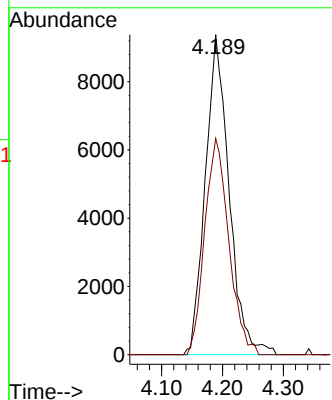
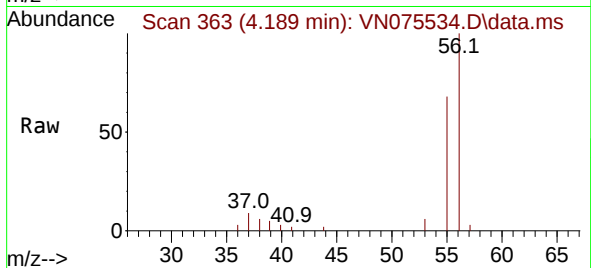
#13
Acrolein
Concen: 101.301 ug/l
RT: 4.189 min Scan# 362
Delta R.T. 0.006 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Instrument :
MSVOA_N
ClientSampleId :
VN1202MBS02

Tgt Ion: 56 Resp: 25439
Ion Ratio Lower Upper
56 100
55 68.6 55.2 82.8

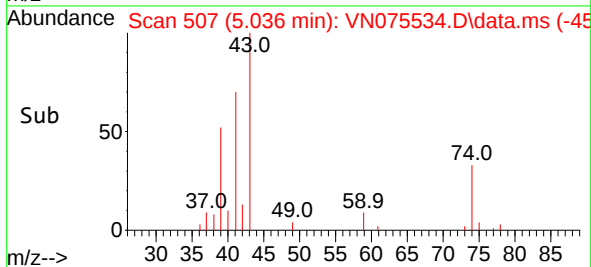
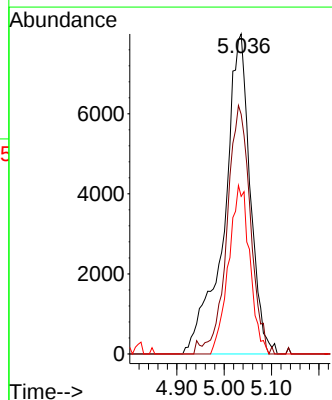
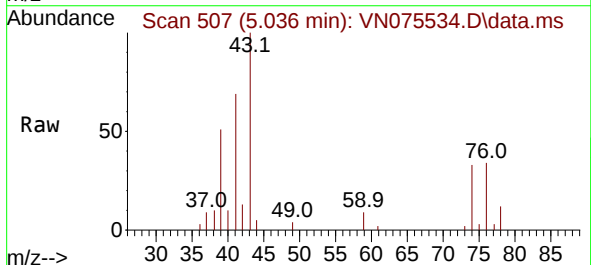
Manual Integrations
APPROVED

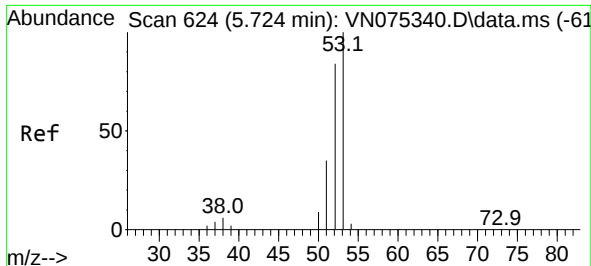
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#14
Allyl chloride
Concen: 19.941 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Tgt Ion: 41 Resp: 30557
Ion Ratio Lower Upper
41 100
39 68.7 61.0 91.4
76 42.8 33.4 50.0





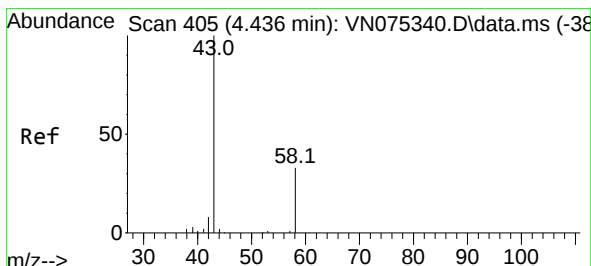
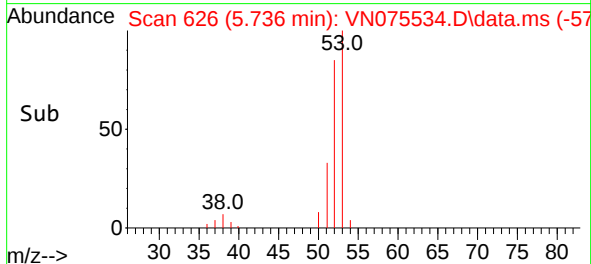
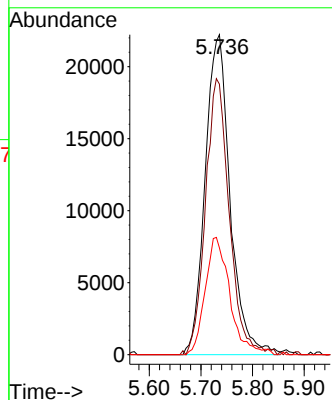
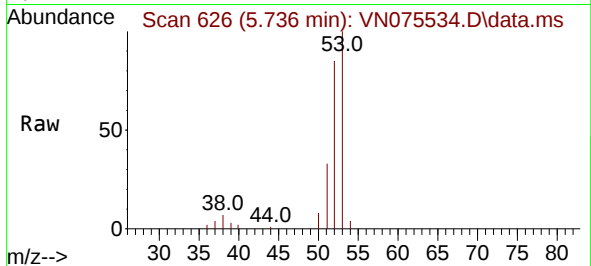
#15
Acrylonitrile
Concen: 112.771 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Instrument :
MSVOA_N
ClientSampleId :
VN1202MBS02

Tgt Ion: 53	Resp: 7458
Ion Ratio	Lower Upper
53 100	
52 81.9	66.4 99.6
51 36.4	29.6 44.4

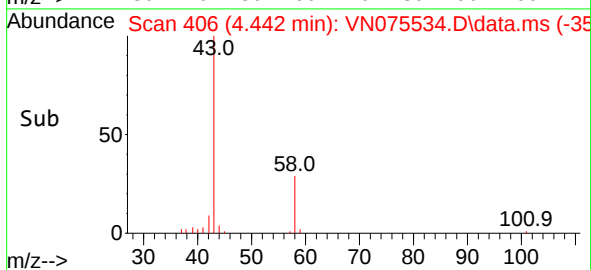
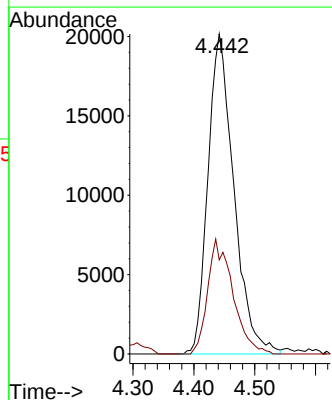
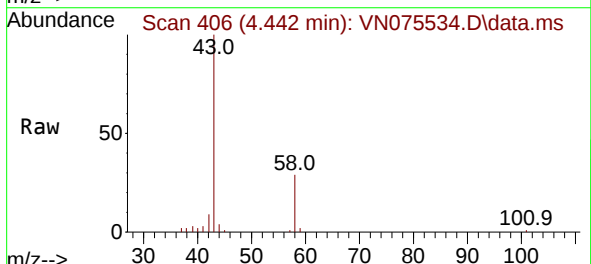
Manual Integrations
APPROVED

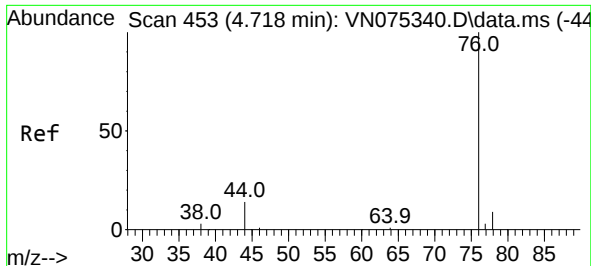
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#16
Acetone
Concen: 93.103 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Tgt Ion: 43	Resp: 59633
Ion Ratio	Lower Upper
43 100	
58 29.4	25.5 38.3





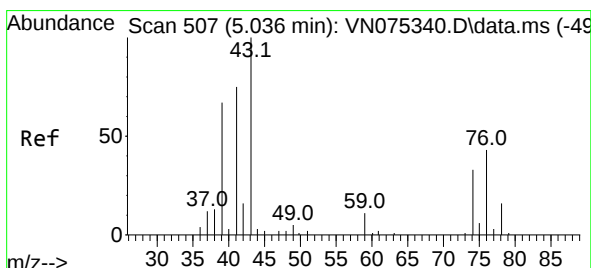
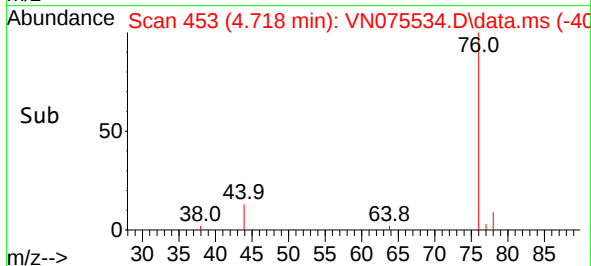
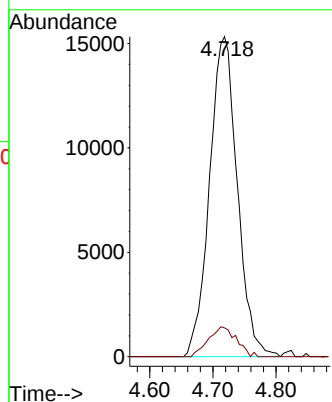
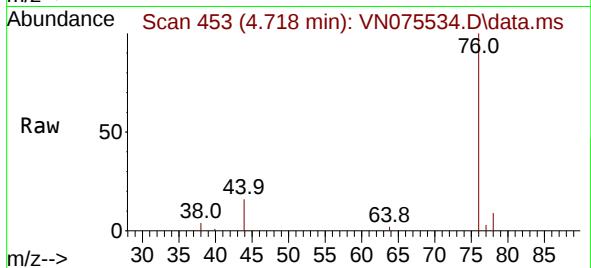
#17
Carbon Disulfide
Concen: 15.215 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Instrument :
MSVOA_N
ClientSampleId :
VN1202MBS02

Tgt Ion: 76 Resp: 4684
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

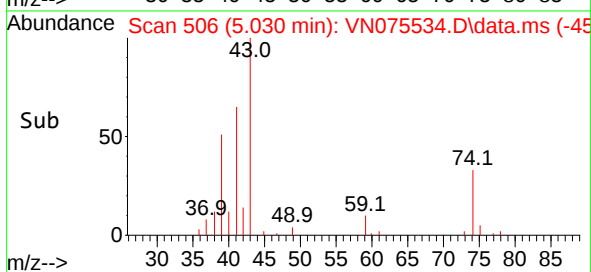
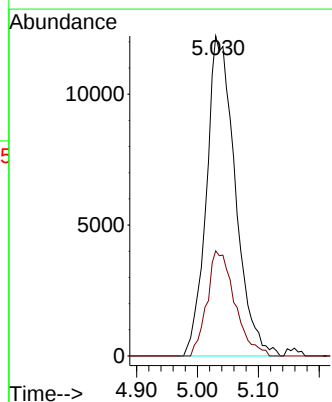
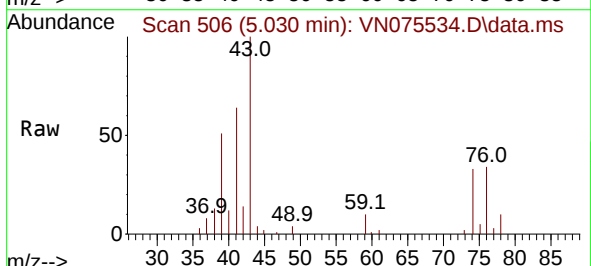
Manual Integrations
APPROVED

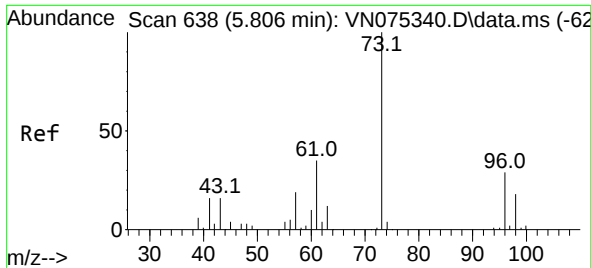
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#18
Methyl Acetate
Concen: 24.161 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Tgt Ion: 43 Resp: 40094
Ion Ratio Lower Upper
43 100
74 31.6 22.0 33.0





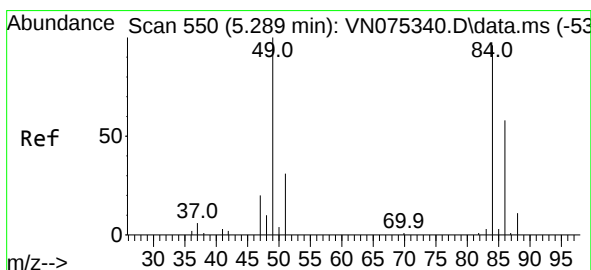
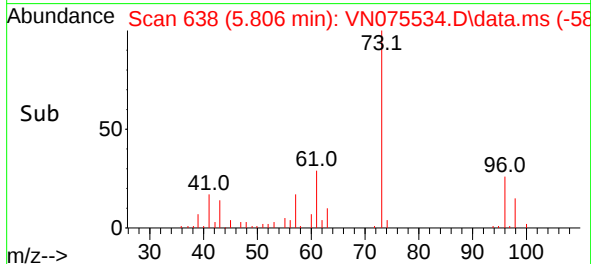
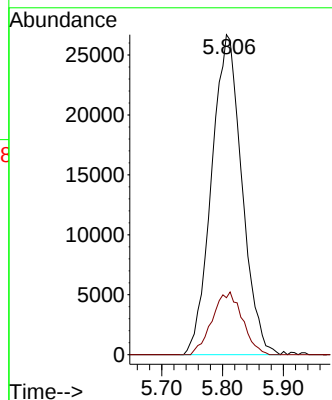
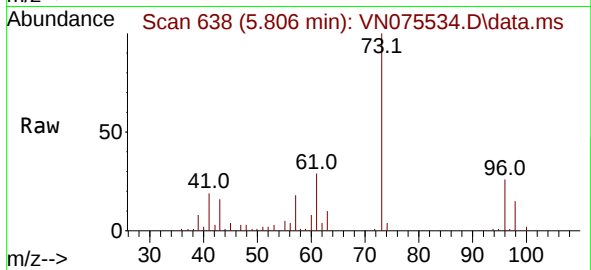
#19
Methyl tert-butyl Ether
Concen: 22.013 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Instrument :
MSVOA_N
ClientSampleId :
VN1202MBS02

Tgt Ion: 73 Resp: 92380
Ion Ratio Lower Upper
73 100
57 17.8 16.3 24.5

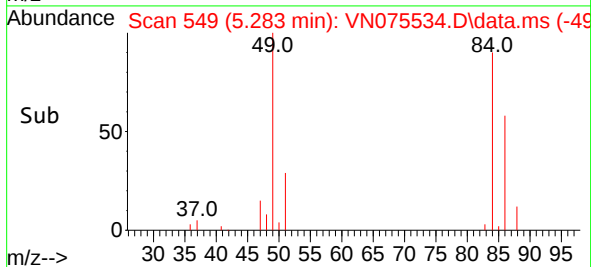
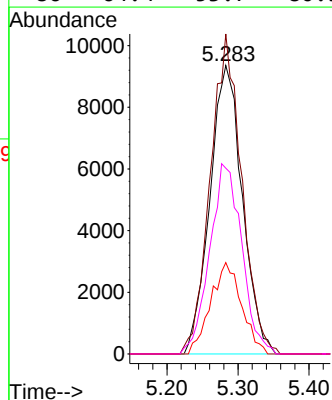
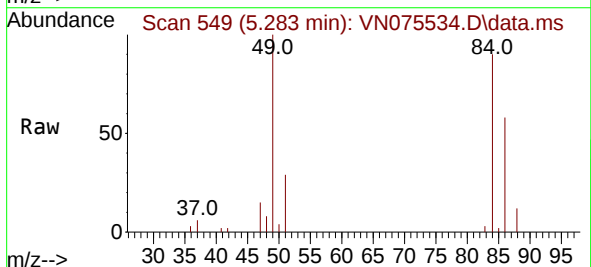
Manual Integrations
APPROVED

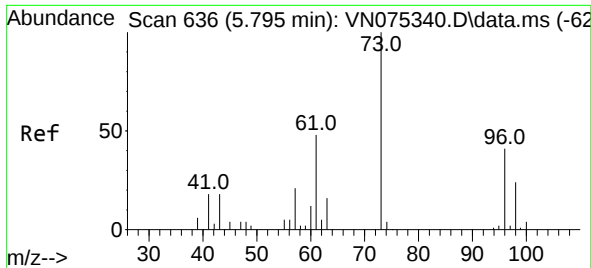
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#20
Methylene Chloride
Concen: 22.150 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Tgt Ion: 84 Resp: 29694
Ion Ratio Lower Upper
84 100
49 110.9 94.9 142.3
51 31.7 26.8 40.2
86 64.4 53.7 80.5





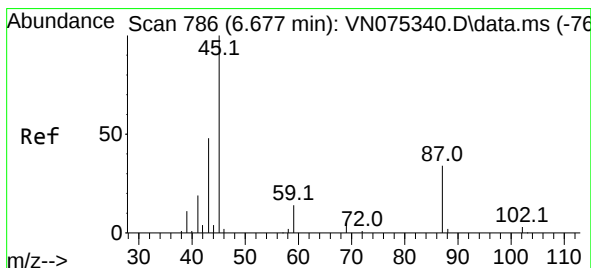
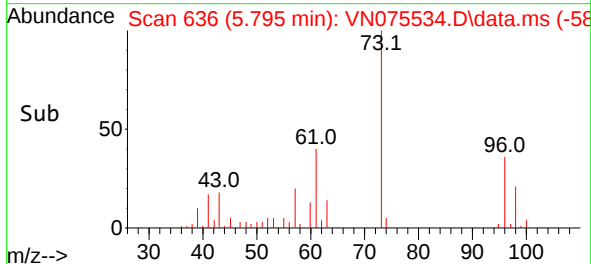
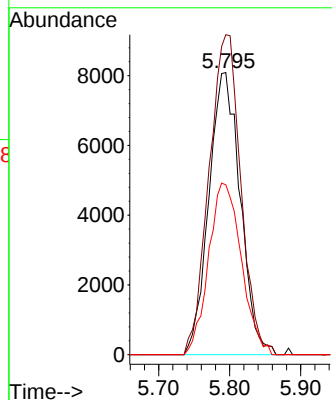
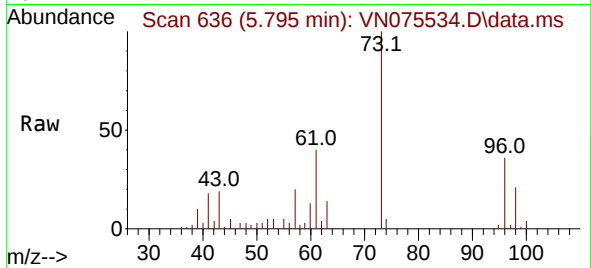
#21
trans-1,2-Dichloroethene
Concen: 18.352 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Instrument :
MSVOA_N
ClientSampleId :
VN1202MBS02

Tgt Ion: 96 Resp: 2477
Ion Ratio Lower Upper
96 100
61 113.5 99.9 149.9
98 60.3 51.5 77.3

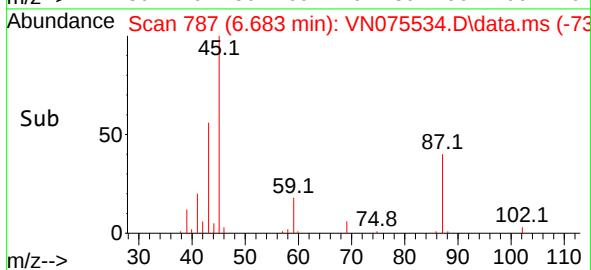
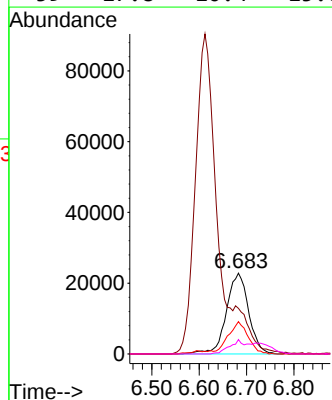
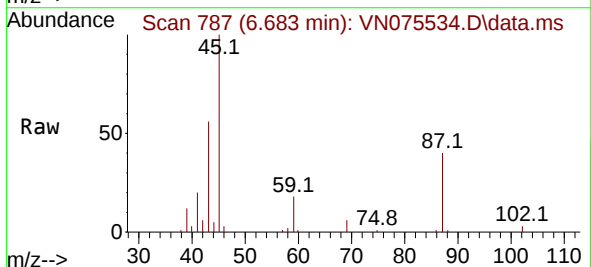
Manual Integrations
APPROVED

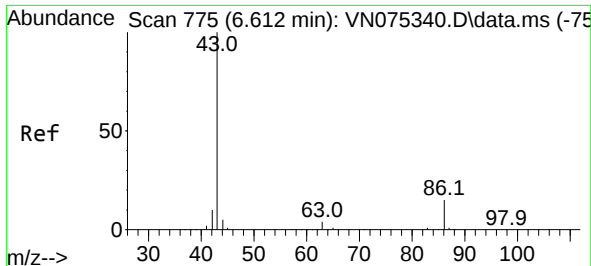
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#22
Diisopropyl ether
Concen: 21.267 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.006 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Tgt Ion: 45 Resp: 74369
Ion Ratio Lower Upper
45 100
43 54.6 42.8 64.2
87 40.0 28.4 42.6
59 17.8 10.4 15.6#





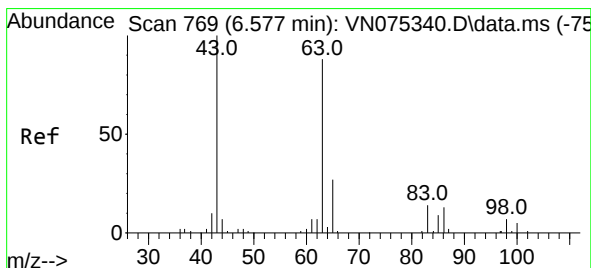
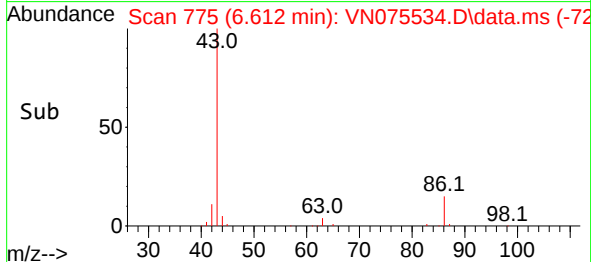
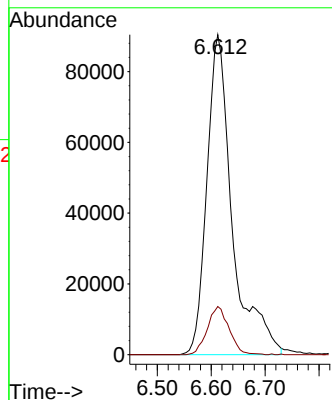
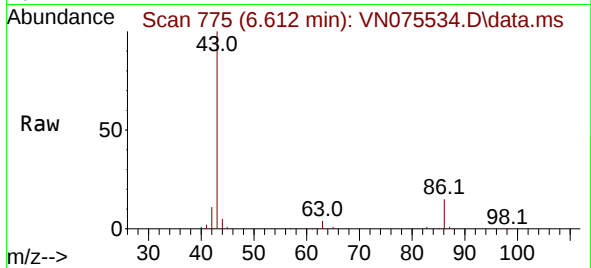
#23
 Vinyl Acetate
 Concen: 106.659 ug/l m
 RT: 6.612 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN075534.D
 Acq: 02 Dec 2022 16:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1202MBS02

Tgt Ion: 43 Resp: 29672
 Ion Ratio Lower Upper
 43 100
 86 15.1 10.7 16.1

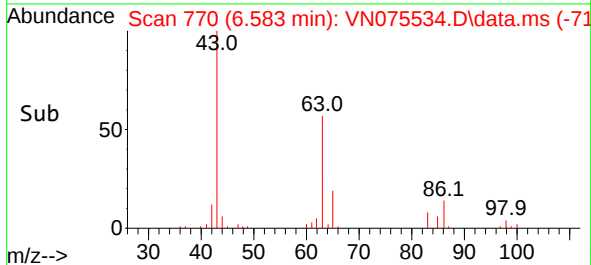
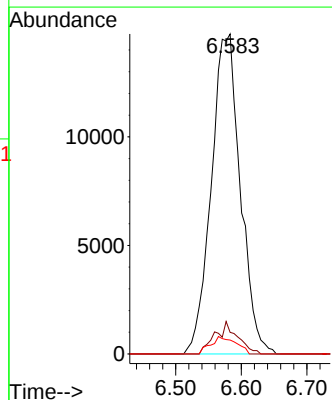
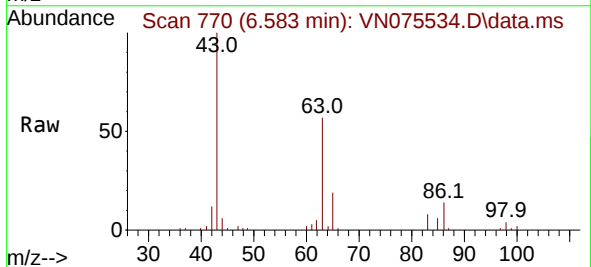
Manual Integrations
 APPROVED

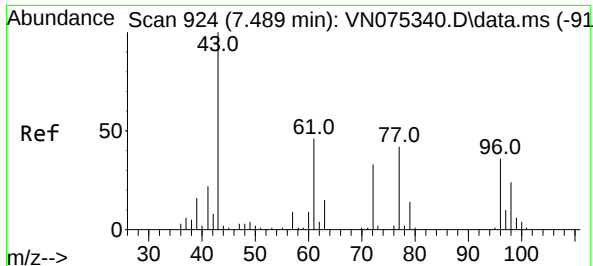
Reviewed By :John Carlone 12/05/2022
 Supervised By :Mahesh Dadoda 12/05/2022



#24
 1,1-Dichloroethane
 Concen: 20.227 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075534.D
 Acq: 02 Dec 2022 16:05

Tgt Ion: 63 Resp: 45400
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.8
 100 4.4 2.4 7.2





#25

2-Butanone

Concen: 107.185 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.005 min

Lab File: VN075534.D

Acq: 02 Dec 2022 16:05

Instrument :

MSVOA_N

ClientSampleId :

VN1202MBS02

Tgt Ion: 43 Resp: 9584

Ion Ratio Lower Upper

43 100

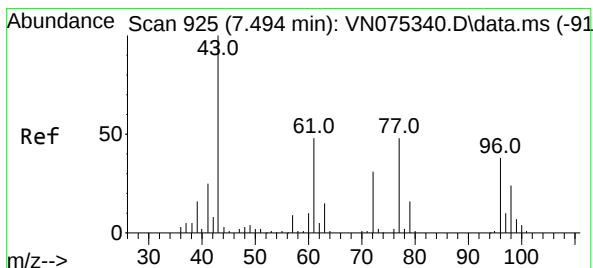
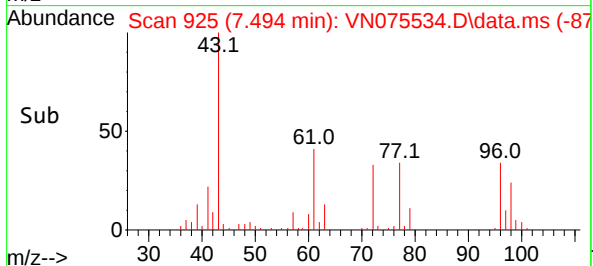
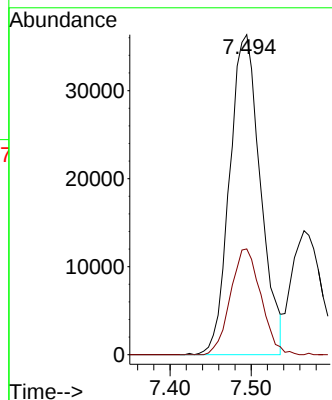
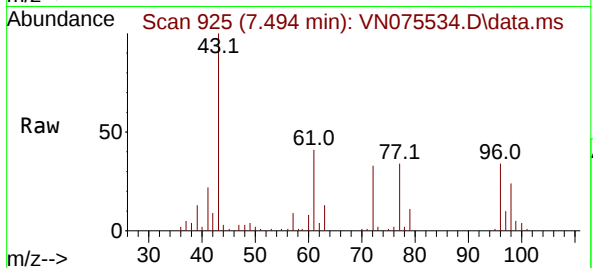
72 33.0 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#26

2,2-Dichloropropane

Concen: 17.965 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN075534.D

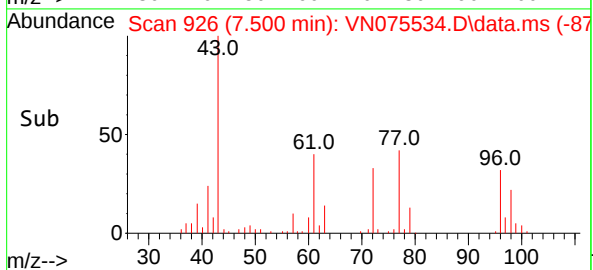
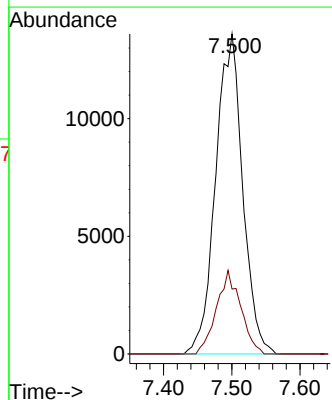
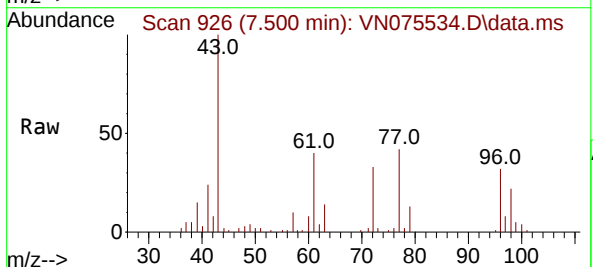
Acq: 02 Dec 2022 16:05

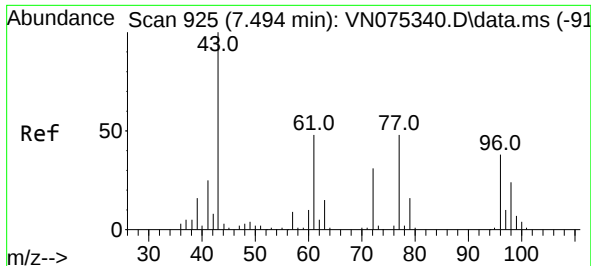
Tgt Ion: 77 Resp: 37476

Ion Ratio Lower Upper

77 100

97 23.3 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 21.130 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075534.D

Acq: 02 Dec 2022 16:05

Instrument :

MSVOA_N

ClientSampleId :

VN1202MBS02

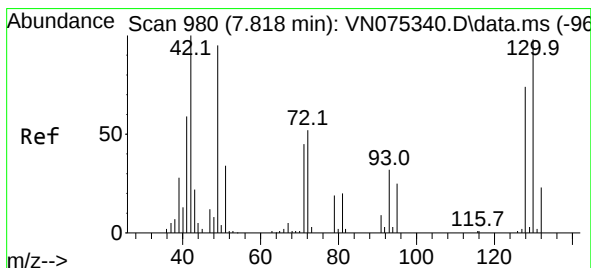
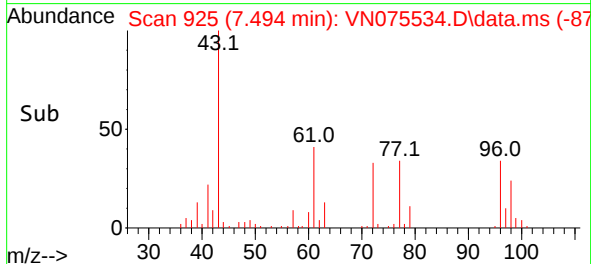
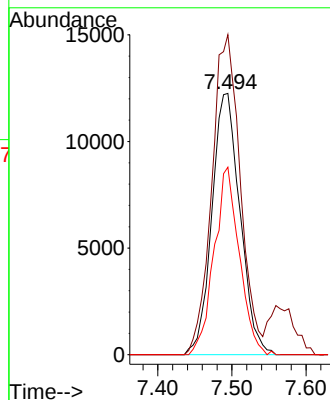
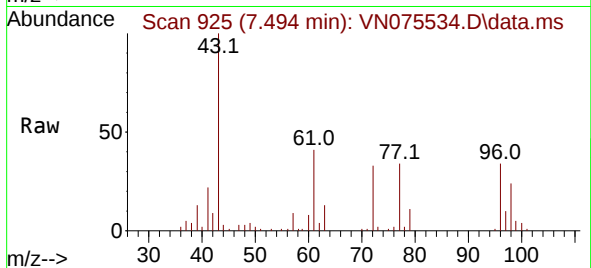
Tgt Ion: 96	Resp: 3225
Ion Ratio	Lower Upper
96 100	
61 124.3	0.0 278.8
98 64.6	0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#28

Bromochloromethane

Concen: 22.115 ug/l

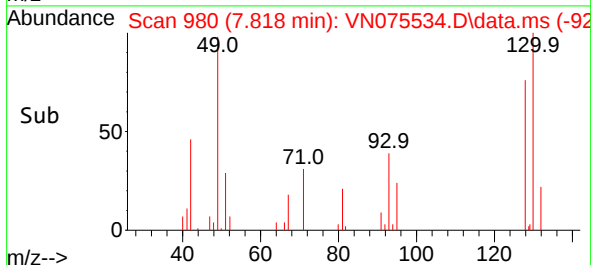
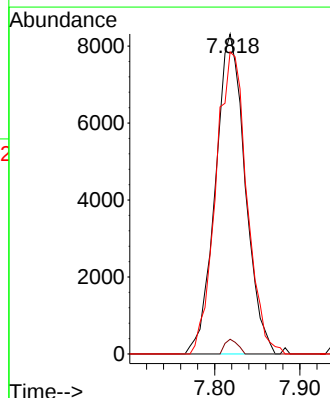
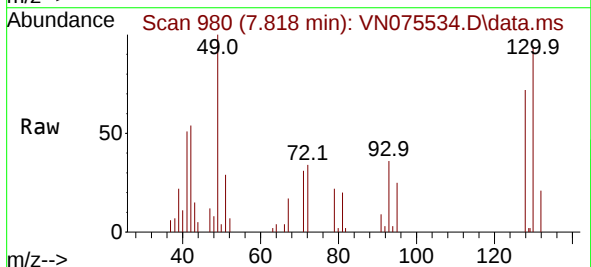
RT: 7.818 min Scan# 980

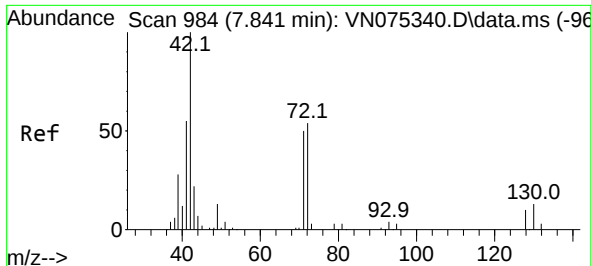
Delta R.T. -0.000 min

Lab File: VN075534.D

Acq: 02 Dec 2022 16:05

Tgt Ion: 49	Resp: 20149
Ion Ratio	Lower Upper
49 100	
129 2.0	0.0 4.6
130 98.5	66.2 99.4





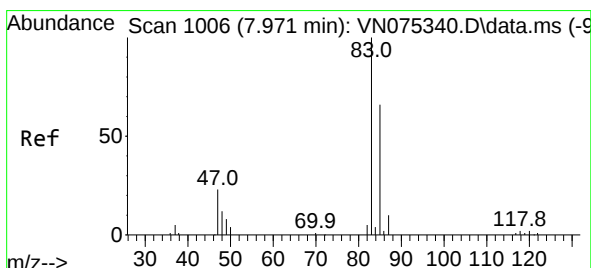
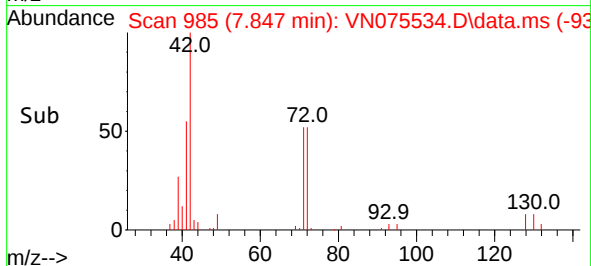
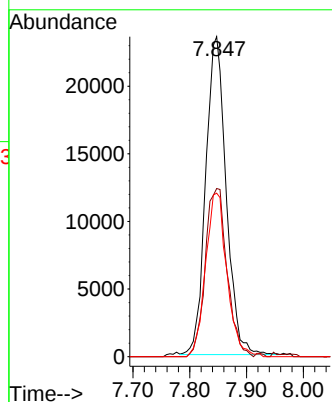
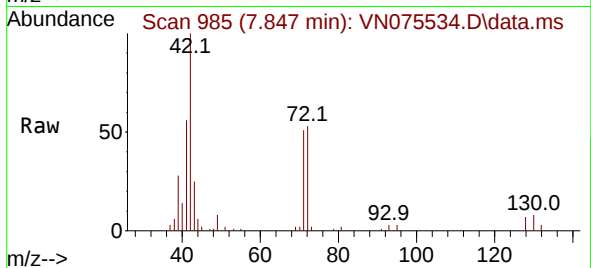
#29
Tetrahydrofuran
Concen: 107.797 ug/l
RT: 7.847 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Instrument :
MSVOA_N
ClientSampleId :
VN1202MBS02

Tgt Ion: 42 Resp: 58634
Ion Ratio Lower Upper
42 100
72 56.3 43.0 64.6
71 53.8 39.9 59.9

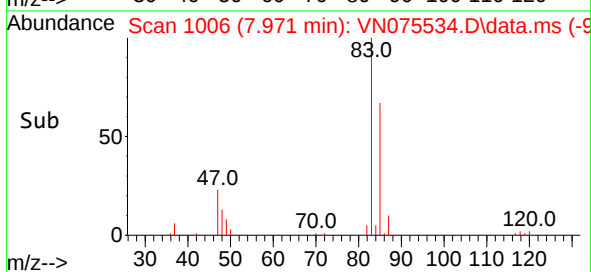
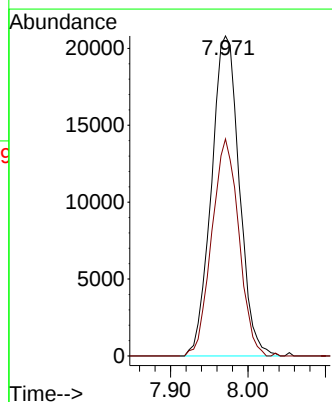
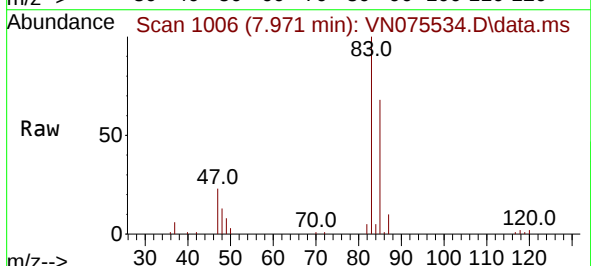
Manual Integrations
APPROVED

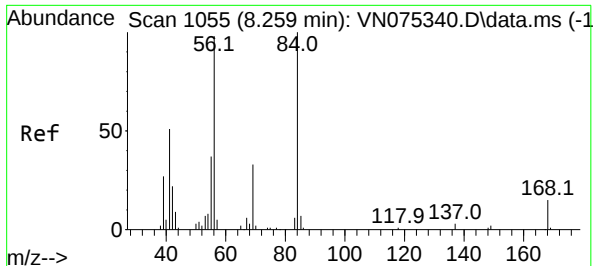
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#30
Chloroform
Concen: 20.180 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Tgt Ion: 83 Resp: 52016
Ion Ratio Lower Upper
83 100
85 67.8 51.4 77.0





#31

Cyclohexane

Concen: 15.691 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN075534.D

Acq: 02 Dec 2022 16:05

Instrument :

MSVOA_N

ClientSampleId :

VN1202MBS02

Tgt Ion: 56 Resp: 3423

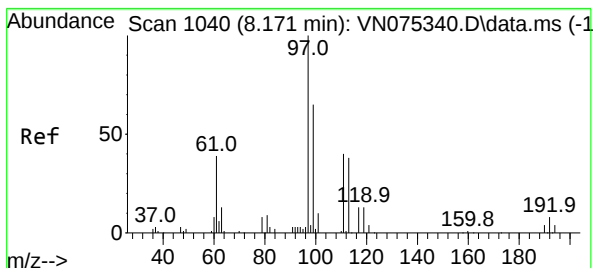
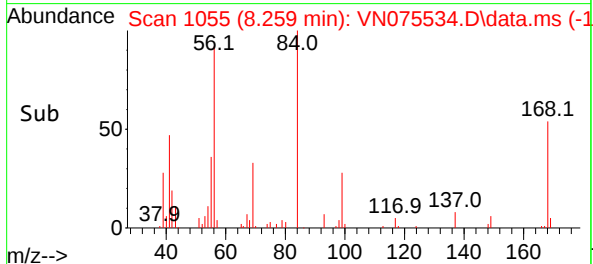
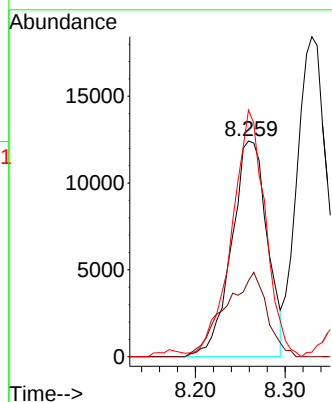
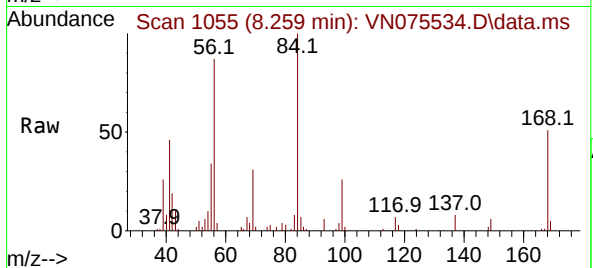
Ion	Ratio	Lower	Upper
56	100		
69	35.2	25.2	37.8
84	112.2	77.8	116.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#32

1,1,1-Trichloroethane

Concen: 19.075 ug/l

RT: 8.171 min Scan# 1040

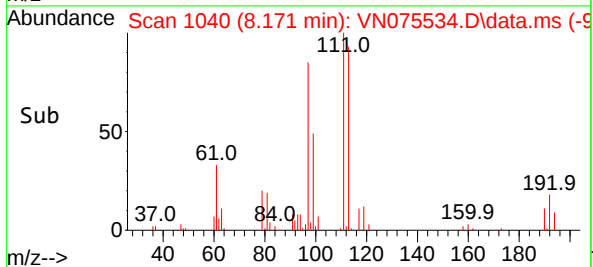
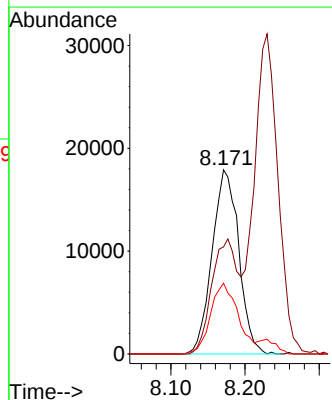
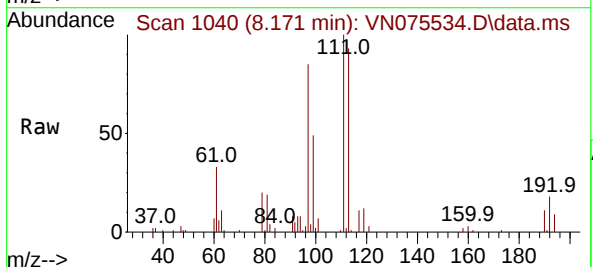
Delta R.T. -0.000 min

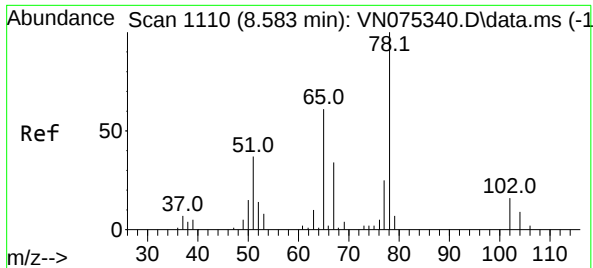
Lab File: VN075534.D

Acq: 02 Dec 2022 16:05

Tgt Ion: 97 Resp: 44643

Ion	Ratio	Lower	Upper
97	100		
99	61.5	50.2	75.2
61	39.6	37.0	55.6





#33

1,2-Dichloroethane-d4

Concen: 54.855 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075534.D

Acq: 02 Dec 2022 16:05

Instrument :

MSVOA_N

ClientSampleId :

VN1202MBS02

Tgt Ion: 65 Resp: 3766

Ion Ratio Lower Upper

65 100

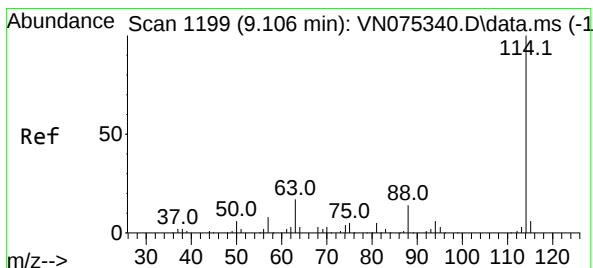
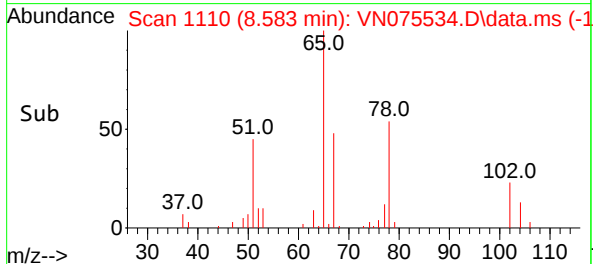
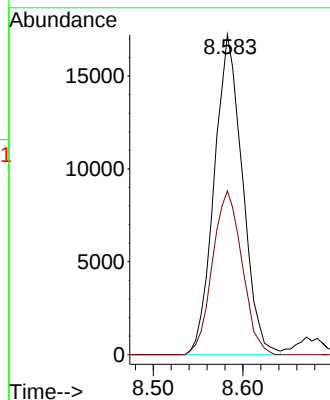
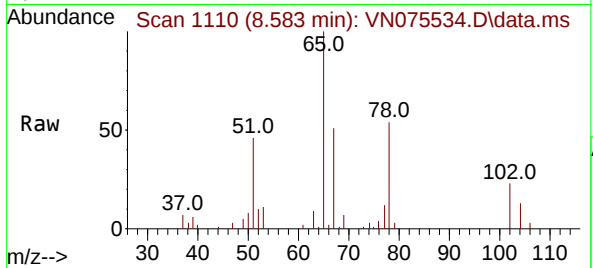
67 53.6 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075534.D

Acq: 02 Dec 2022 16:05

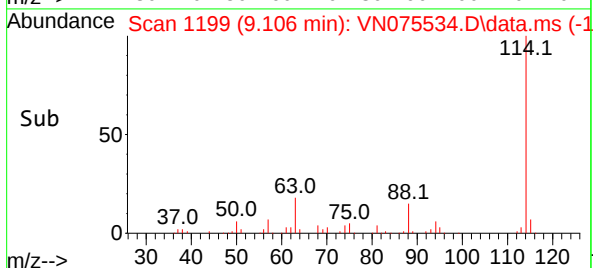
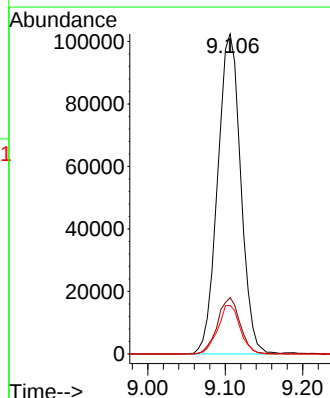
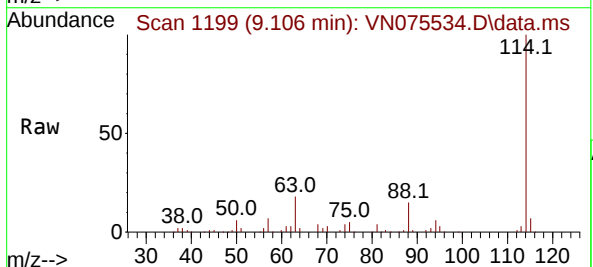
Tgt Ion:114 Resp: 212244

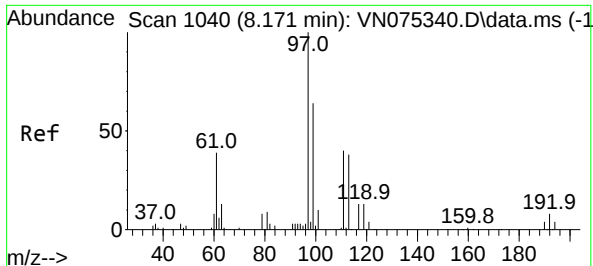
Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

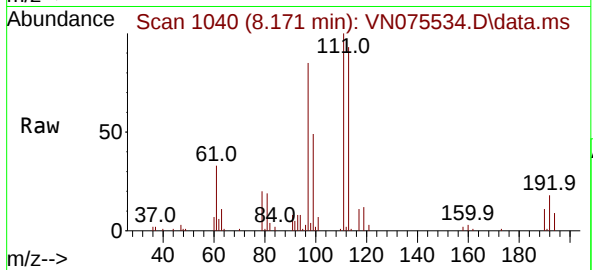
88 15.2 0.0 29.0





#35
Dibromofluoromethane
Concen: 56.246 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

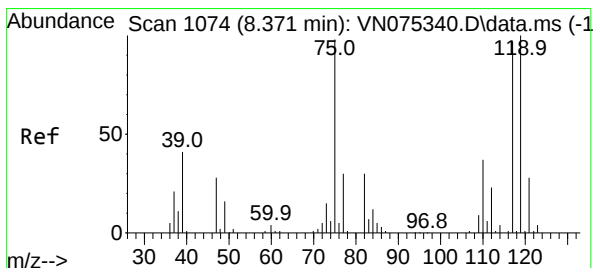
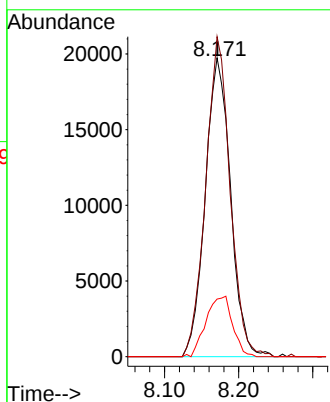
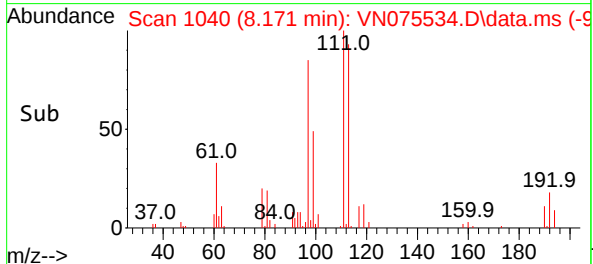
Instrument :
MSVOA_N
ClientSampleId :
VN1202MBS02



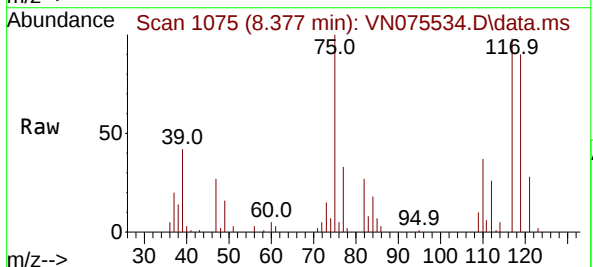
Tgt Ion: 113 Resp: 46890
Ion Ratio Lower Upper
113 100
111 103.3 80.5 120.7
192 21.1 13.2 19.8

Manual Integrations
APPROVED

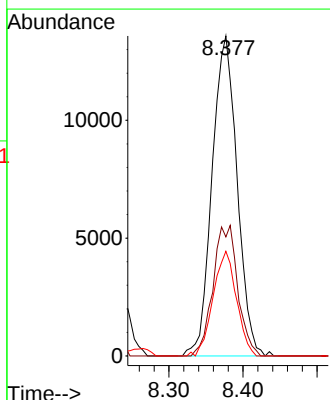
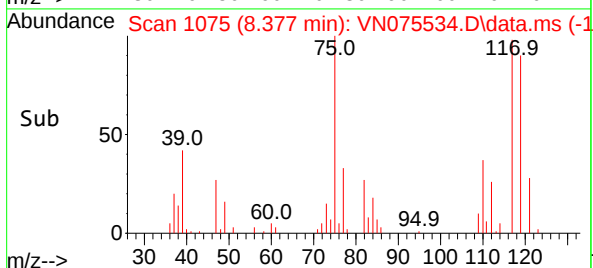
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

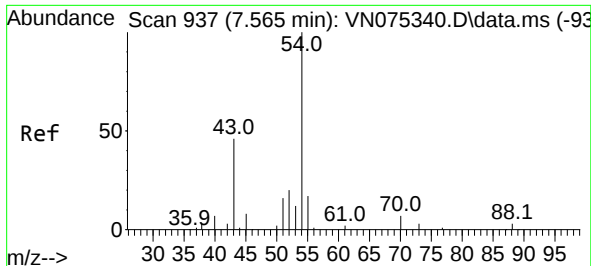


#36
1,1-Dichloropropene
Concen: 17.522 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05



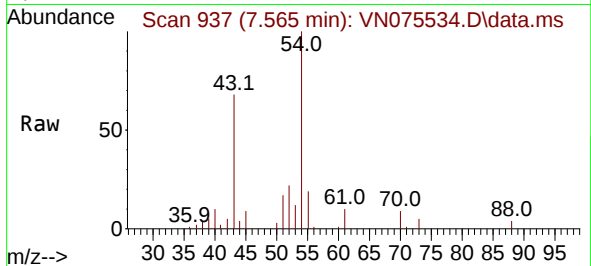
Tgt Ion: 75 Resp: 31860
Ion Ratio Lower Upper
75 100
110 40.3 17.8 53.3
77 30.5 24.6 37.0





#37
Ethyl Acetate
Concen: 22.694 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

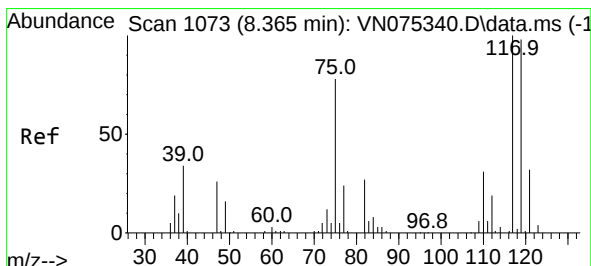
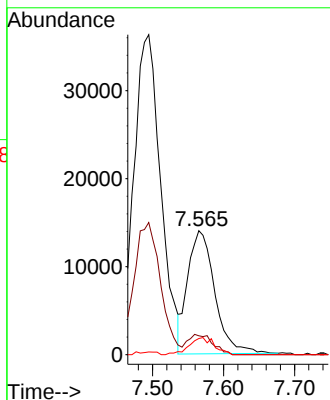
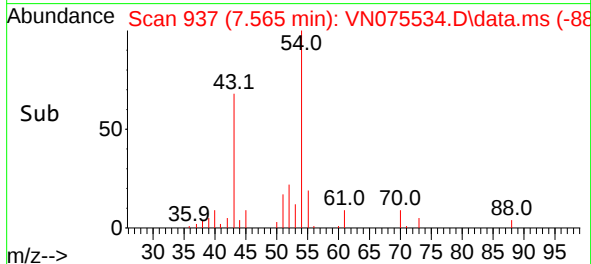
Instrument :
MSVOA_N
ClientSampleId :
VN1202MBS02



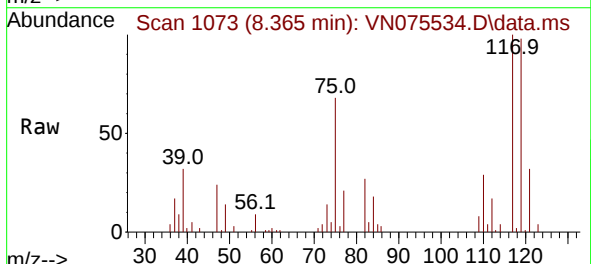
Tgt Ion: 43 Resp: 3715
Ion Ratio Lower Upper
43 100
61 15.0 12.2 18.4
70 12.9 9.4 14.2

Manual Integrations
APPROVED

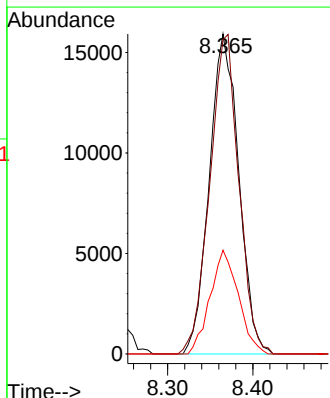
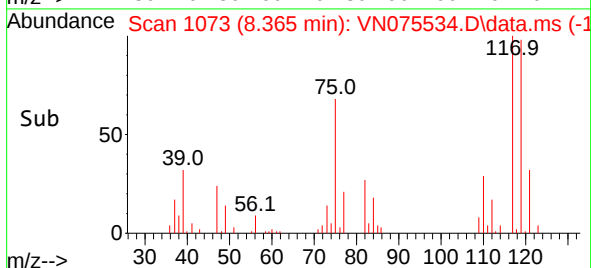
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

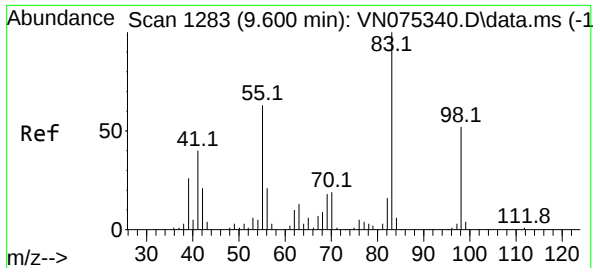


#38
Carbon Tetrachloride
Concen: 19.167 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05



Tgt Ion:117 Resp: 38284
Ion Ratio Lower Upper
117 100
119 98.3 76.7 115.1
121 32.4 23.9 35.9





#39

Methylcyclohexane

Concen: 17.064 ug/l

RT: 9.600 min Scan# 11283

Delta R.T. 0.000 min

Lab File: VN075534.D

Acq: 02 Dec 2022 16:05

Instrument :

MSVOA_N

ClientSampleId :

VN1202MBS02

Tgt Ion: 83 Resp: 3883

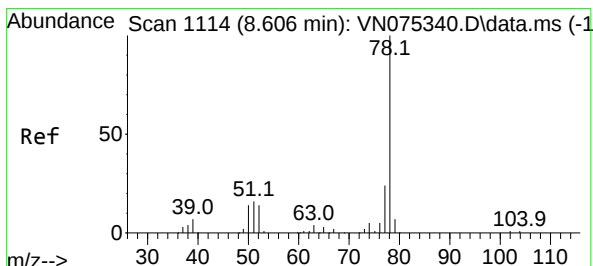
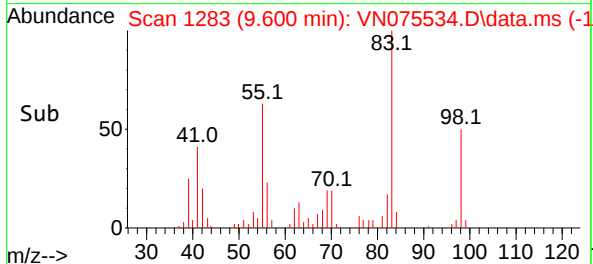
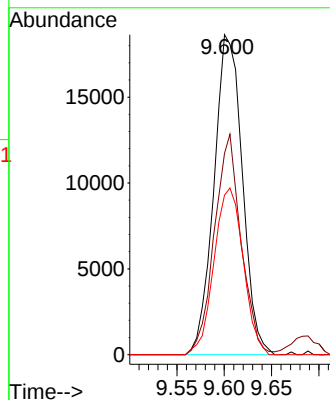
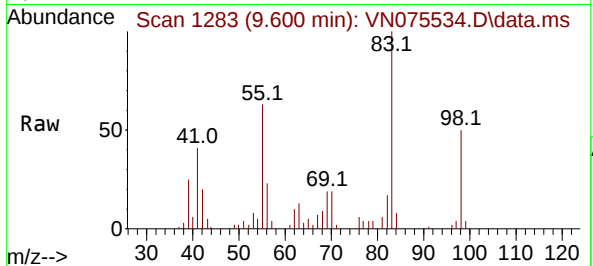
Ion	Ratio	Lower	Upper
83	100		
55	62.9	53.6	80.4
98	49.8	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#40

Benzene

Concen: 22.535 ug/l

RT: 8.606 min Scan# 1114

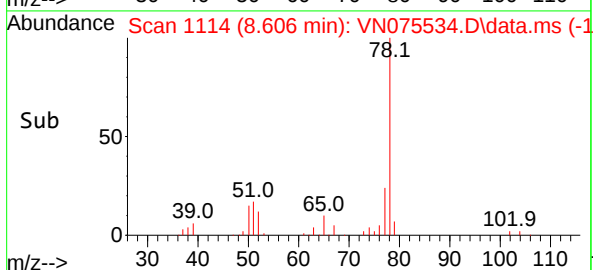
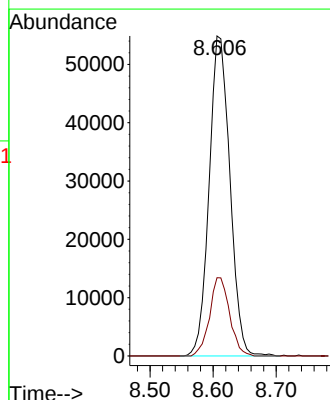
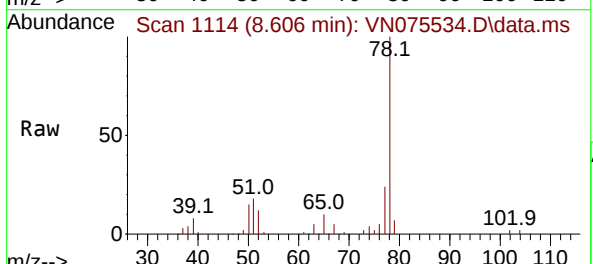
Delta R.T. 0.000 min

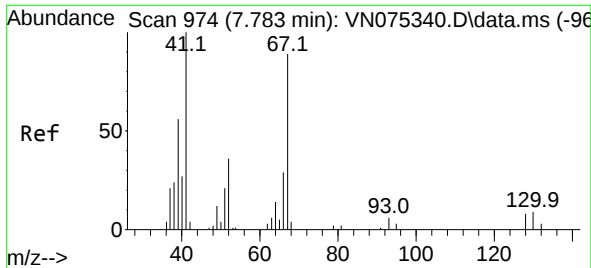
Lab File: VN075534.D

Acq: 02 Dec 2022 16:05

Tgt Ion: 78 Resp: 125452

Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.4	29.0





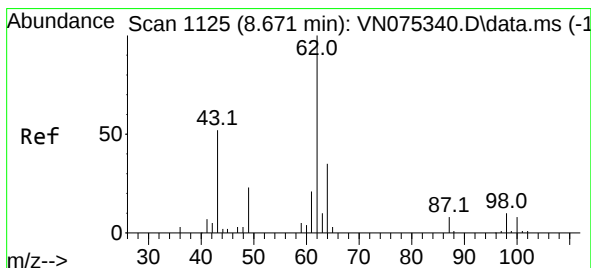
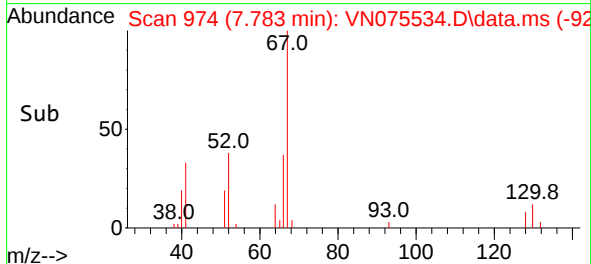
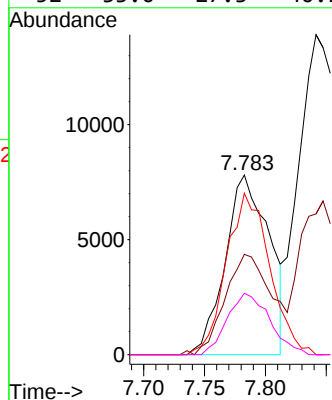
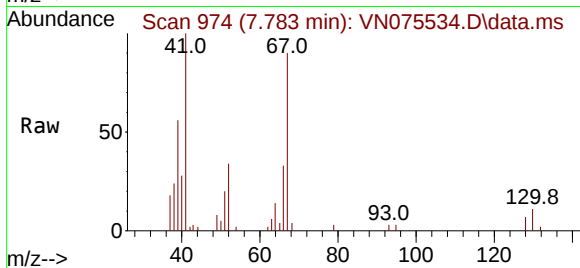
#41
Methacrylonitrile
Concen: 23.470 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Instrument :
MSVOA_N
ClientSampleId :
VN1202MBS02

Tgt Ion: 41	Resp: 1964
Ion Ratio	Lower Upper
41	100
39	60.1 44.4 66.6
67	88.5 69.8 104.6
52	33.0 27.3 40.9

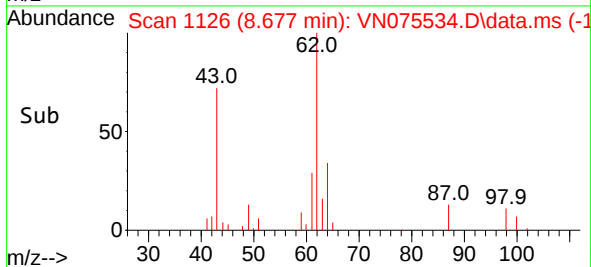
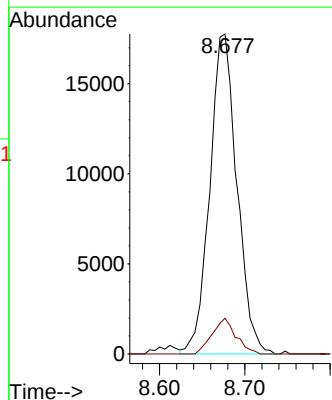
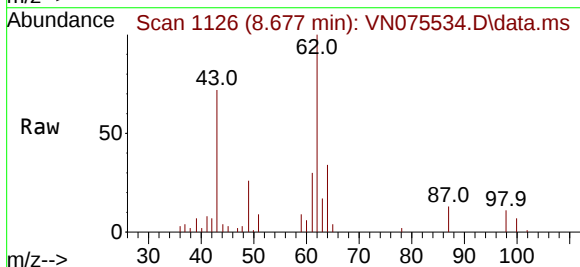
Manual Integrations
APPROVED

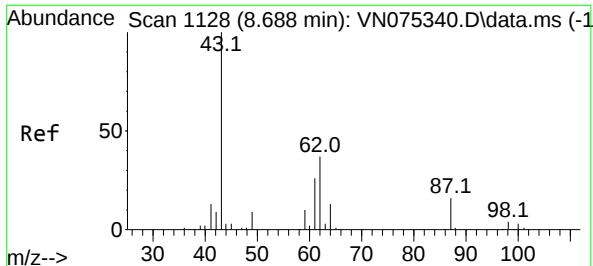
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#42
1,2-Dichloroethane
Concen: 21.079 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Tgt Ion: 62	Resp: 39300
Ion Ratio	Lower Upper
62	100
98	9.8 0.0 18.2





#43

Isopropyl Acetate

Concen: 22.235 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN075534.D

Acq: 02 Dec 2022 16:05

Instrument :

MSVOA_N

ClientSampleId :

VN1202MBS02

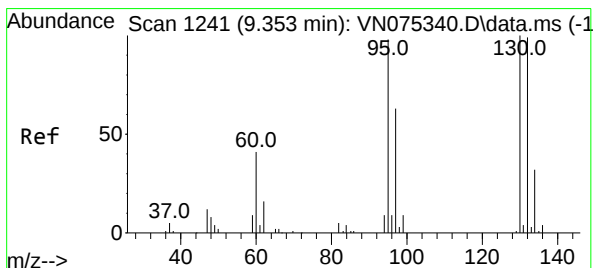
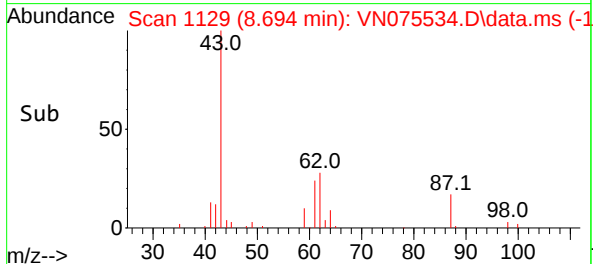
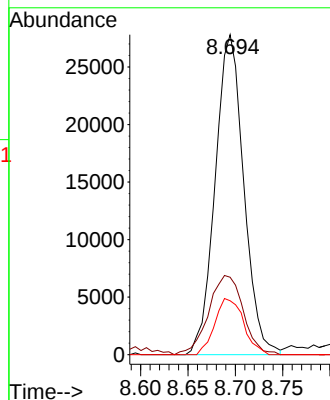
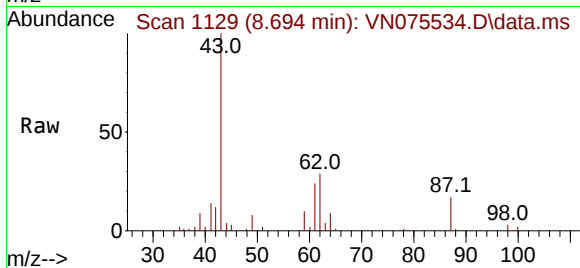
Tgt Ion: 43	Resp: 5843
Ion Ratio	Lower Upper
43	100
61	29.8 22.4 33.6
87	17.6 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#44

Trichloroethene

Concen: 19.262 ug/l

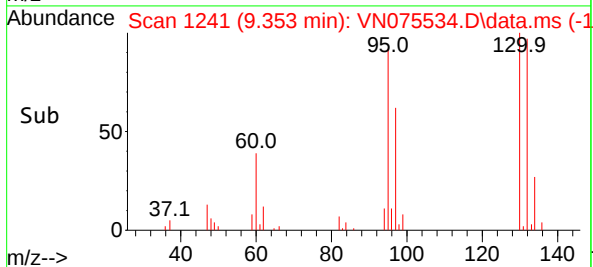
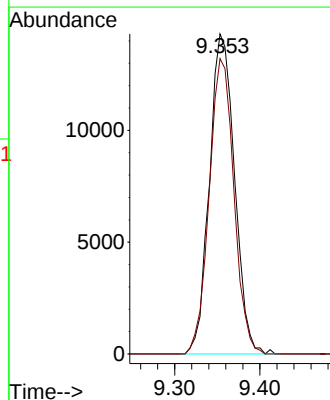
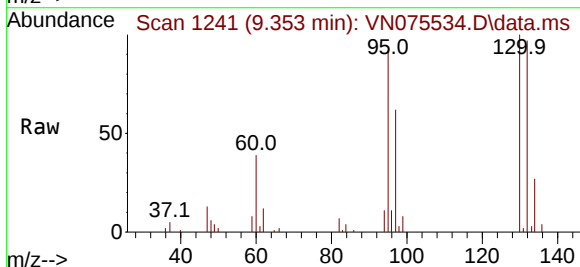
RT: 9.353 min Scan# 1241

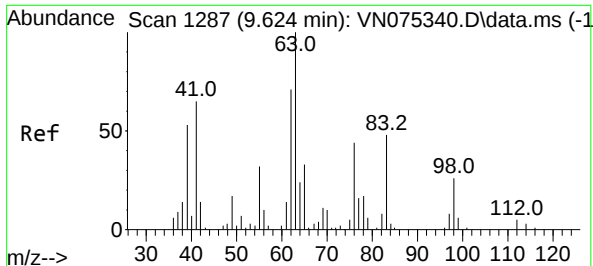
Delta R.T. 0.000 min

Lab File: VN075534.D

Acq: 02 Dec 2022 16:05

Tgt Ion:130	Resp: 29341
Ion Ratio	Lower Upper
130	100
95	92.3 0.0 198.4





#45

1,2-Dichloropropane

Concen: 20.480 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075534.D

Acq: 02 Dec 2022 16:05

Instrument :

MSVOA_N

ClientSampleId :

VN1202MBS02

Tgt Ion: 63 Resp: 27169

Ion Ratio Lower Upper

63 100

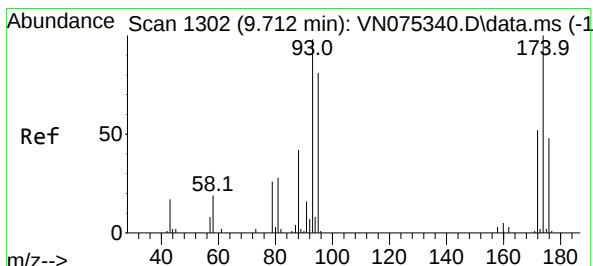
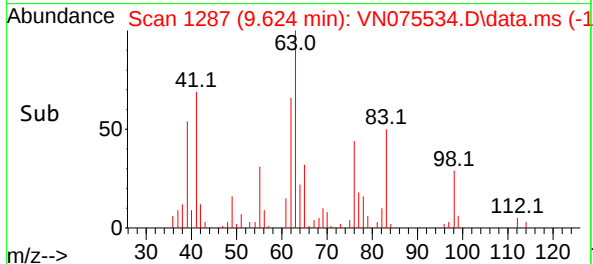
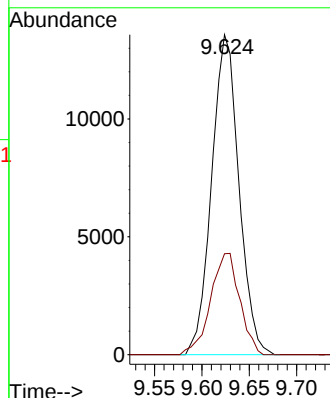
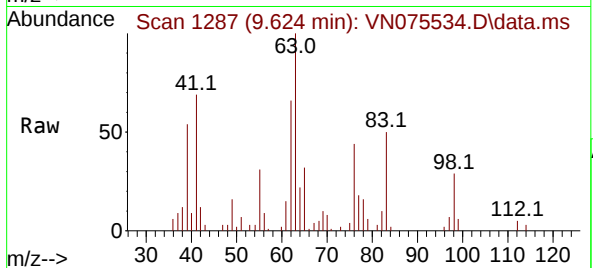
65 31.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#46

Dibromomethane

Concen: 21.532 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075534.D

Acq: 02 Dec 2022 16:05

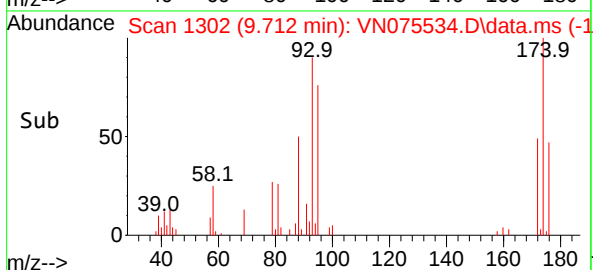
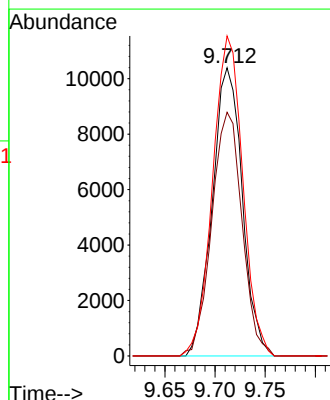
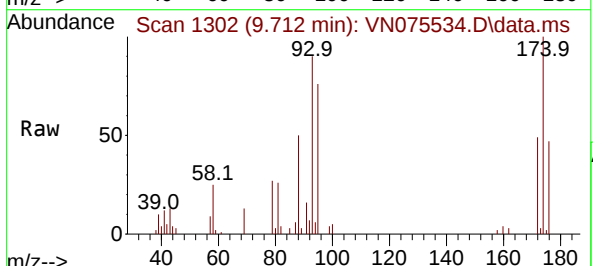
Tgt Ion: 93 Resp: 21606

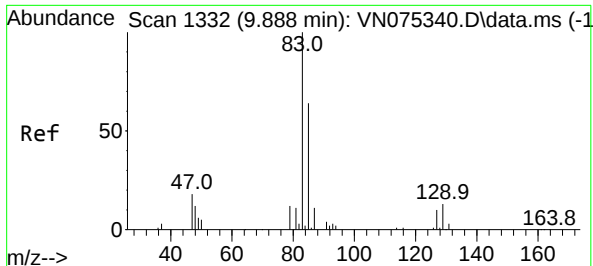
Ion Ratio Lower Upper

93 100

95 85.5 66.6 99.8

174 110.9 70.3 105.5





#47

Bromodichloromethane

Concen: 21.053 ug/l

RT: 9.888 min Scan# 1332

Delta R.T. 0.000 min

Lab File: VN075534.D

Acq: 02 Dec 2022 16:05

Instrument :

MSVOA_N

ClientSampleId :

VN1202MBS02

Tgt Ion: 83 Resp: 40909

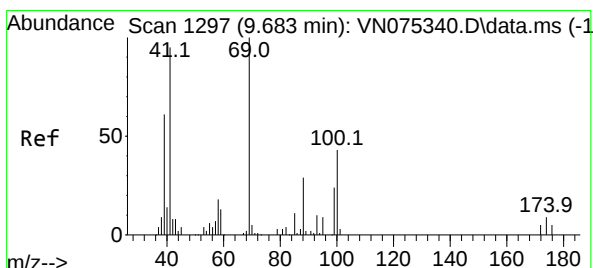
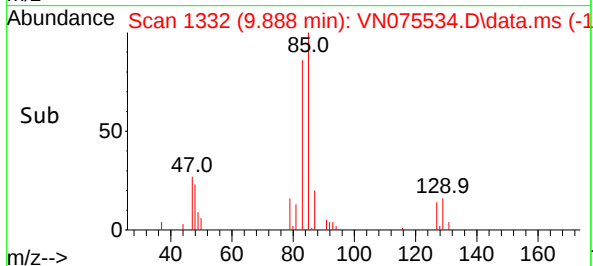
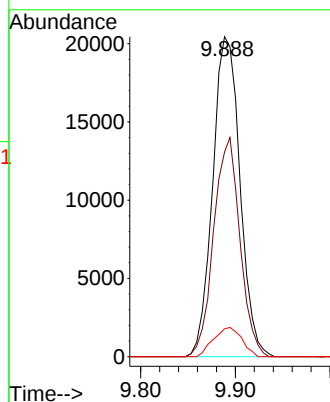
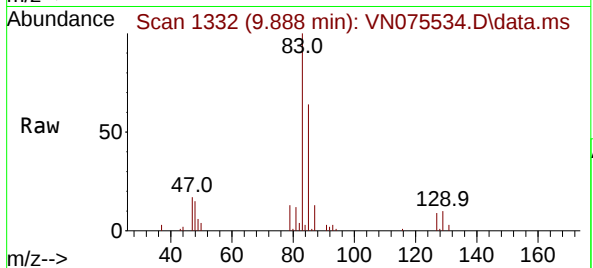
Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.1	78.1
127	8.7	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#48

Methyl methacrylate

Concen: 21.974 ug/l

RT: 9.683 min Scan# 1297

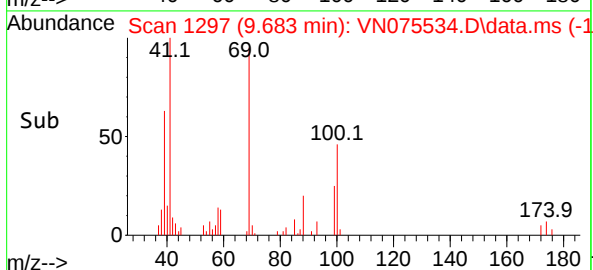
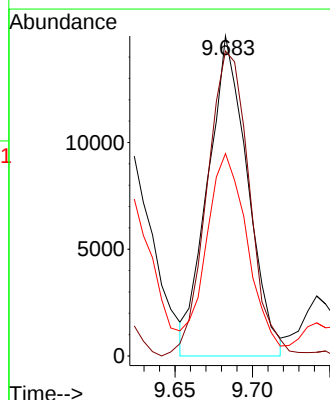
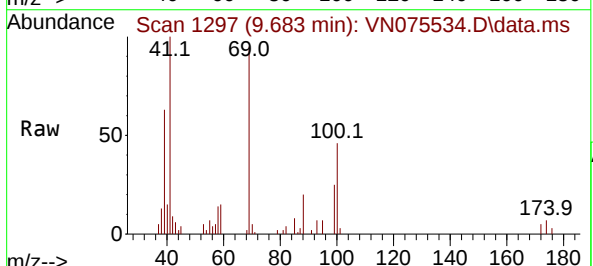
Delta R.T. -0.000 min

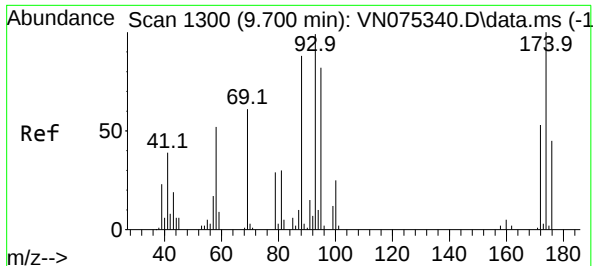
Lab File: VN075534.D

Acq: 02 Dec 2022 16:05

Tgt Ion: 41 Resp: 26701

Ion	Ratio	Lower	Upper
41	100		
69	102.4	80.2	120.2
39	66.3	56.2	84.2





#49

1,4-Dioxane

Concen: 463.420 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075534.D

Acq: 02 Dec 2022 16:05

Instrument :

MSVOA_N

ClientSampleId :

VN1202MBS02

Tgt Ion: 88 Resp: 15990

Ion Ratio Lower Upper

88 100

43 17.7 17.5 26.3

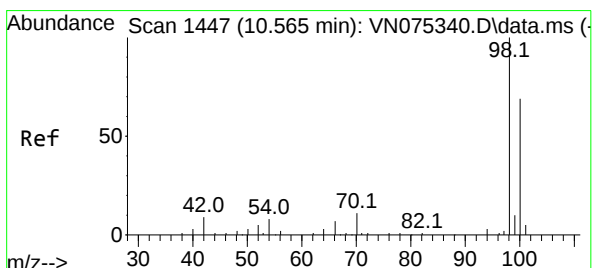
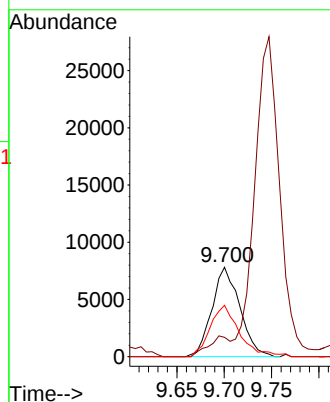
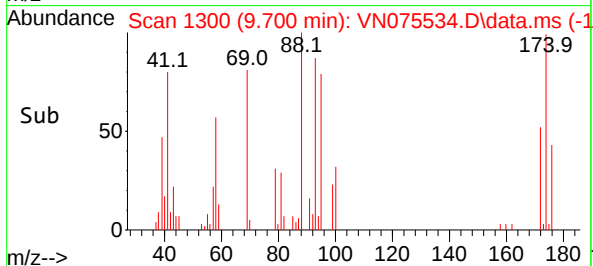
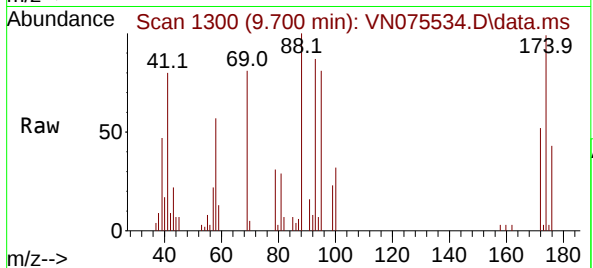
58 60.5 49.8 74.8

Manual Integrations

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Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#50

Toluene-d8

Concen: 51.337 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075534.D

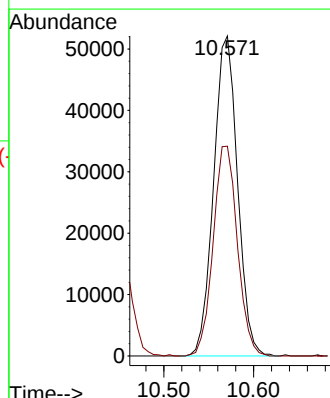
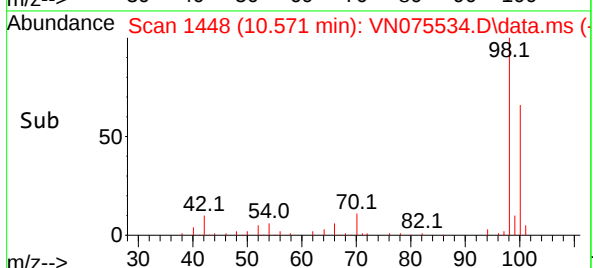
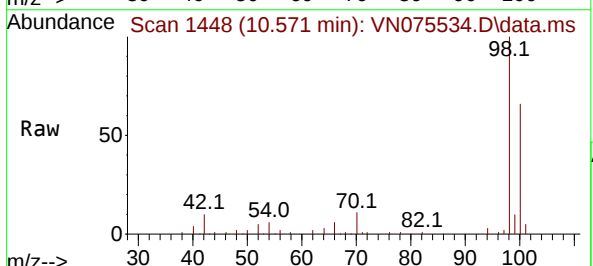
Acq: 02 Dec 2022 16:05

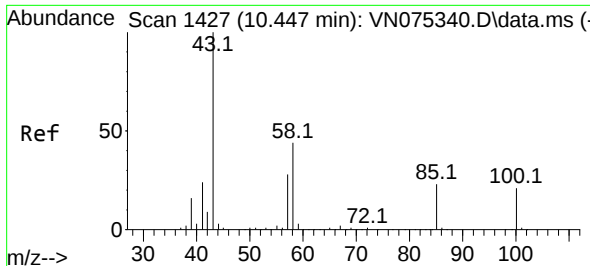
Tgt Ion: 98 Resp: 96405

Ion Ratio Lower Upper

98 100

100 66.4 53.0 79.6





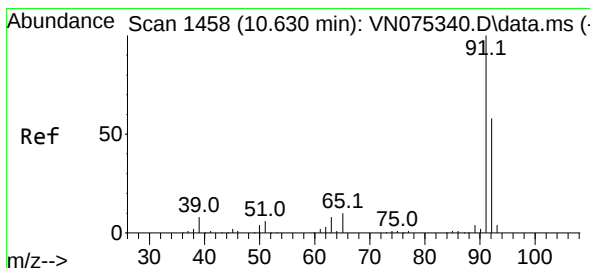
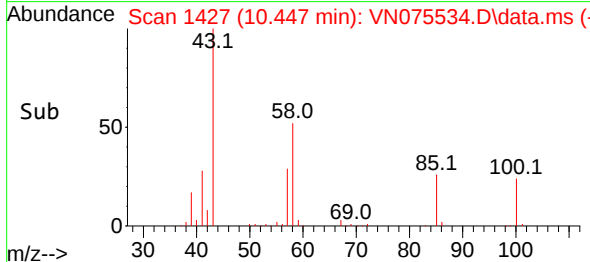
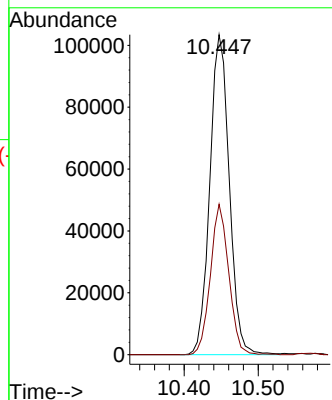
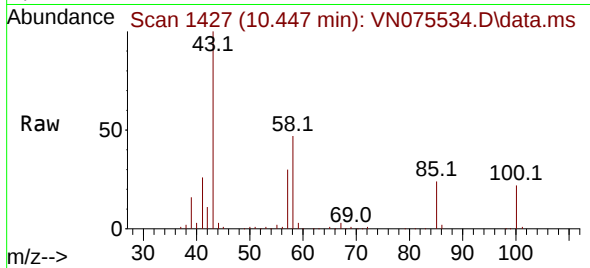
#51
4-Methyl-2-Pentanone
Concen: 112.745 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Instrument :
MSVOA_N
ClientSampleId :
VN1202MBS02

Tgt Ion: 43 Resp: 188709
Ion Ratio Lower Upper
43 100
58 44.4 33.6 50.4

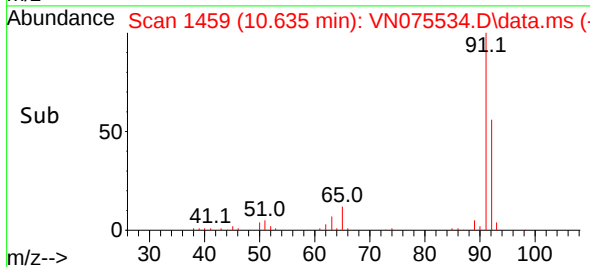
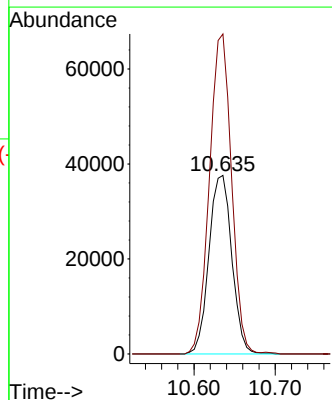
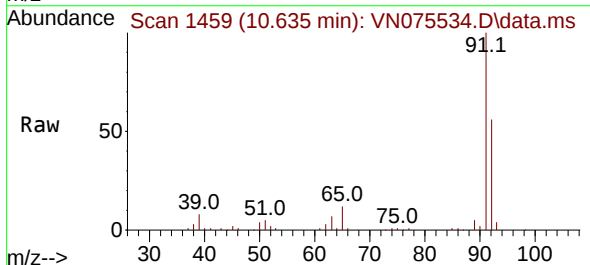
Manual Integrations
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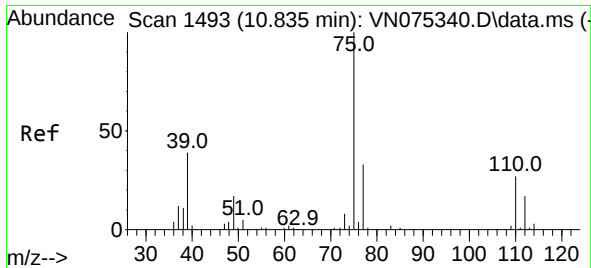
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#52
Toluene
Concen: 20.515 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.005 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Tgt Ion: 92 Resp: 73597
Ion Ratio Lower Upper
92 100
91 173.3 135.4 203.2





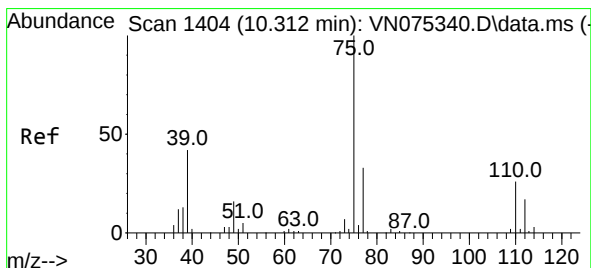
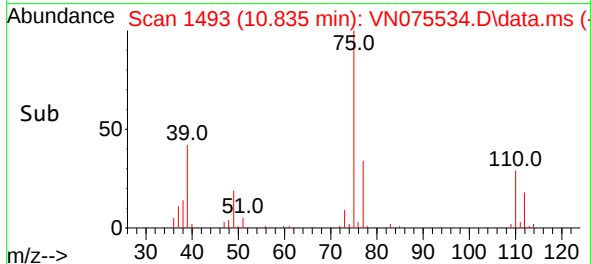
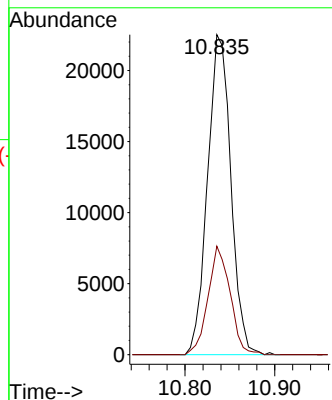
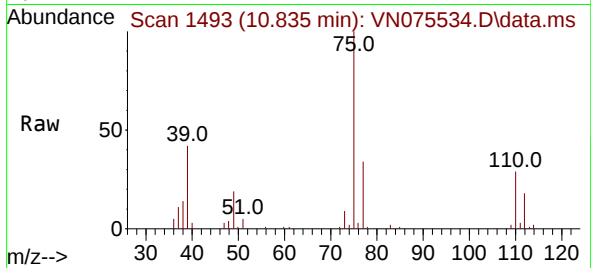
#53
 t-1,3-Dichloropropene
 Concen: 20.839 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VN075534.D
 Acq: 02 Dec 2022 16:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1202MBS02

Tgt Ion: 75 Resp: 40652
 Ion Ratio Lower Upper
 75 100
 77 33.9 25.4 38.2

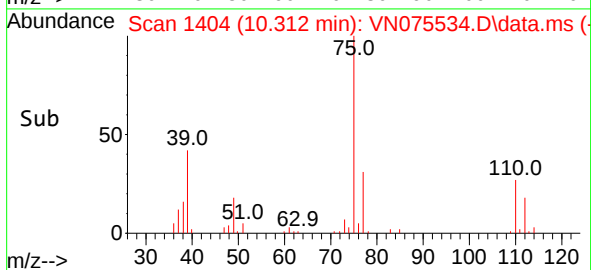
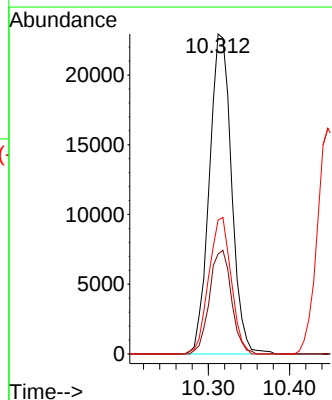
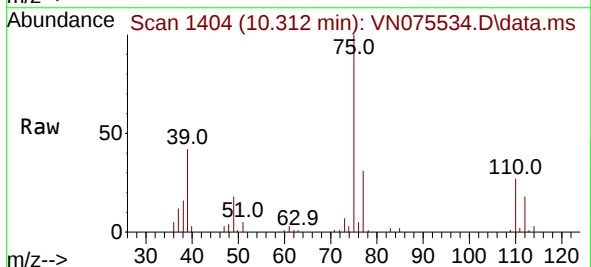
Manual Integrations
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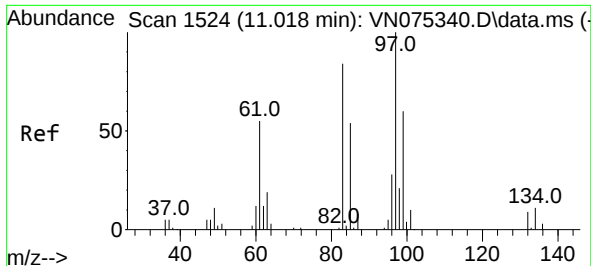
Reviewed By :John Carlone 12/05/2022
 Supervised By :Mahesh Dadoda 12/05/2022



#54
 cis-1,3-Dichloropropene
 Concen: 20.611 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.000 min
 Lab File: VN075534.D
 Acq: 02 Dec 2022 16:05

Tgt Ion: 75 Resp: 43669
 Ion Ratio Lower Upper
 75 100
 77 31.3 23.7 35.5
 39 41.9 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 21.731 ug/l
RT: 11.024 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

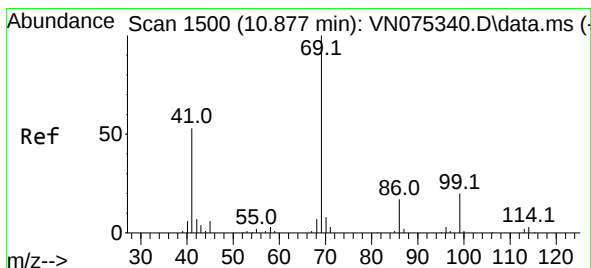
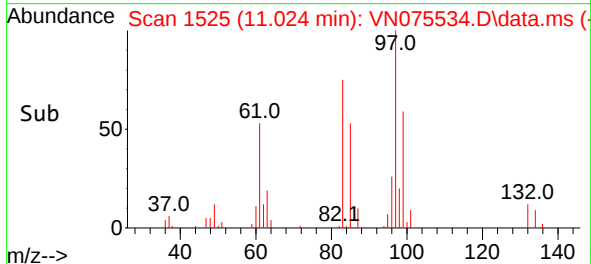
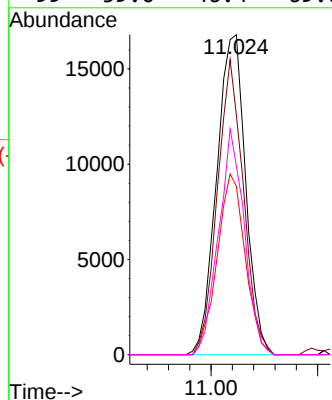
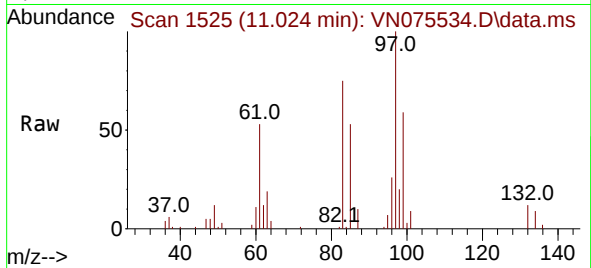
Instrument :
MSVOA_N
ClientSampleId :
VN1202MBS02

Tgt Ion: 97 Resp: 3175

Ion	Ratio	Lower	Upper
97	100		
83	74.9	65.9	98.9
85	52.7	40.4	60.6
99	59.0	46.4	69.6

Manual Integrations
APPROVED

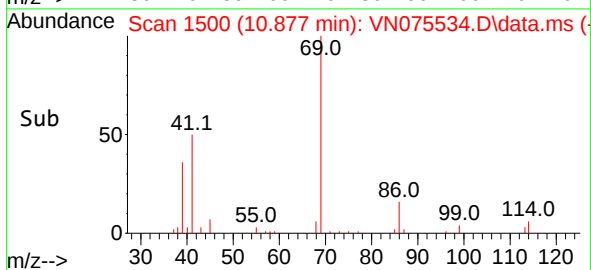
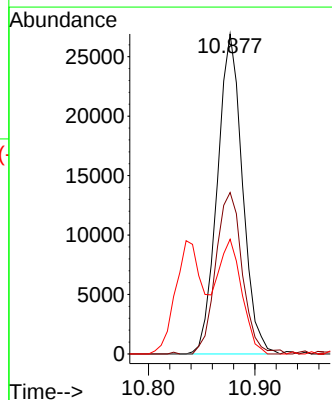
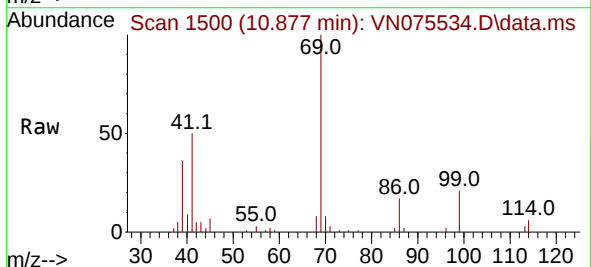
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

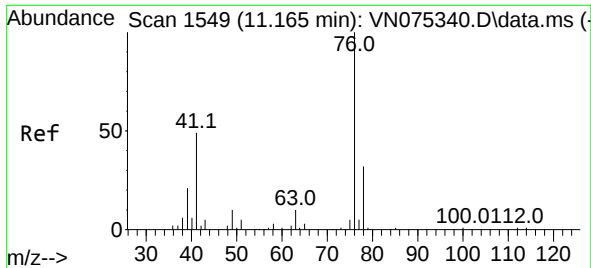


#56
Ethyl methacrylate
Concen: 22.308 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Tgt Ion: 69 Resp: 44018

Ion	Ratio	Lower	Upper
69	100		
41	53.4	45.6	68.4
39	33.2	28.5	42.7





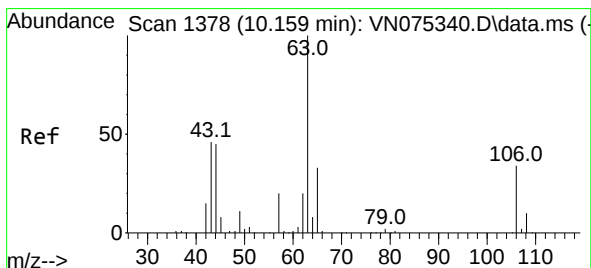
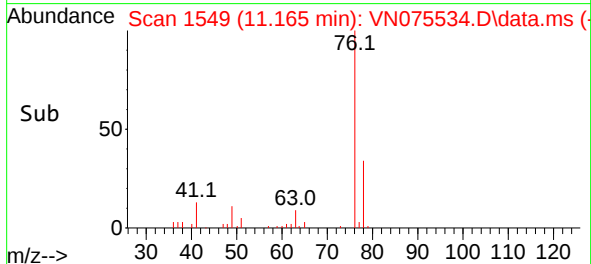
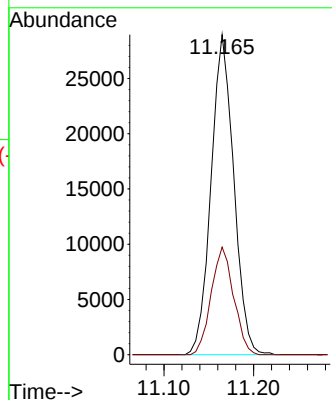
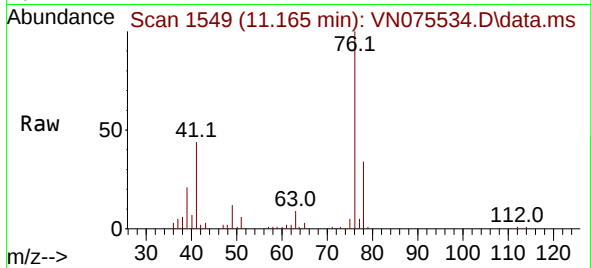
#57
1,3-Dichloropropane
Concen: 21.358 ug/l
RT: 11.165 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Instrument :
MSVOA_N
ClientSampleId :
VN1202MBS02

Tgt Ion: 76 Resp: 50884
Ion Ratio Lower Upper
76 100
78 33.2 25.8 38.6

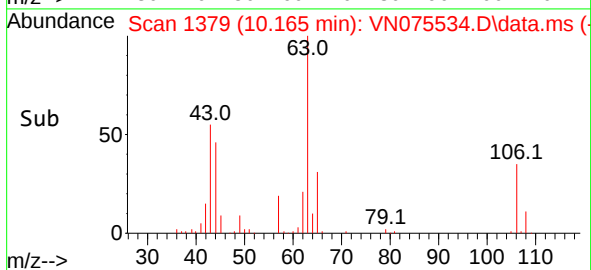
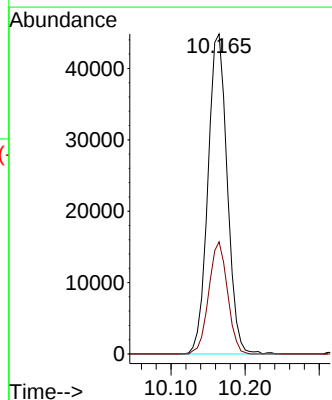
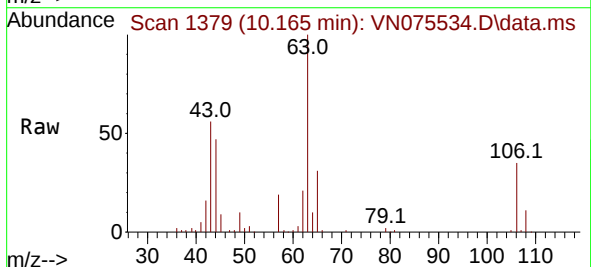
Manual Integrations
APPROVED

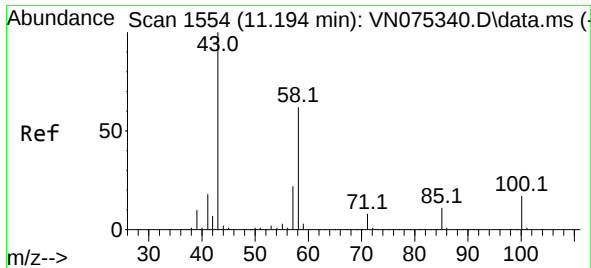
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#58
2-Chloroethyl Vinyl ether
Concen: 113.753 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.006 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

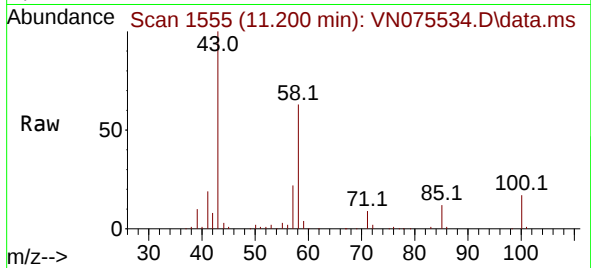
Tgt Ion: 63 Resp: 80952
Ion Ratio Lower Upper
63 100
106 34.0 24.8 37.2





#59
2-Hexanone
Concen: 111.573 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

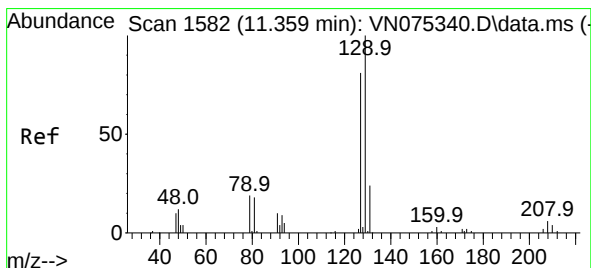
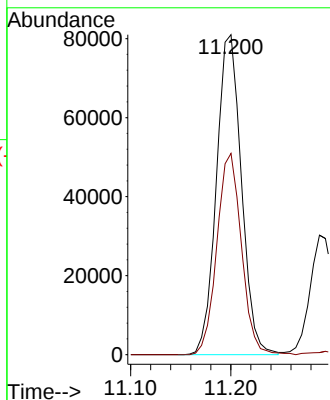
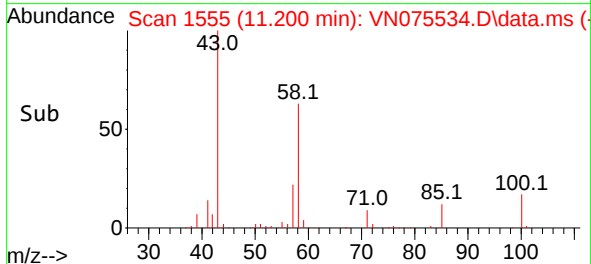
Instrument :
MSVOA_N
ClientSampleId :
VN1202MBS02



Tgt Ion: 43 Resp: 140229
Ion Ratio Lower Upper
43 100
58 61.7 29.6 88.8

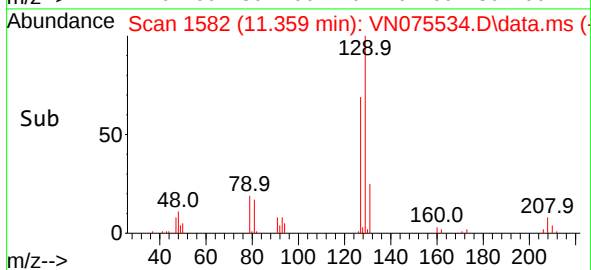
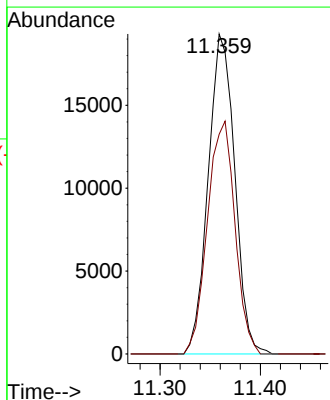
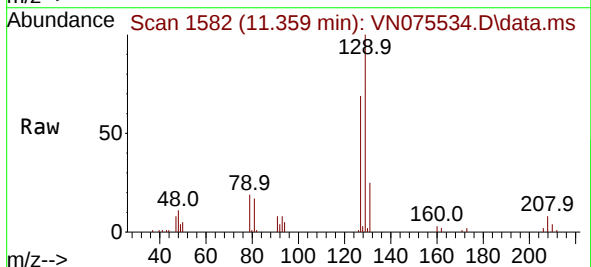
Manual Integrations
APPROVED

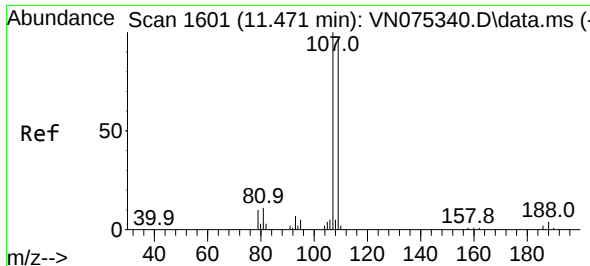
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#60
Dibromochloromethane
Concen: 23.626 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

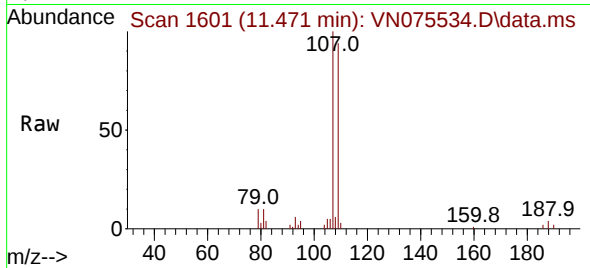
Tgt Ion:129 Resp: 35434
Ion Ratio Lower Upper
129 100
127 75.5 38.6 115.8





#61
1,2-Dibromoethane
Concen: 22.011 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

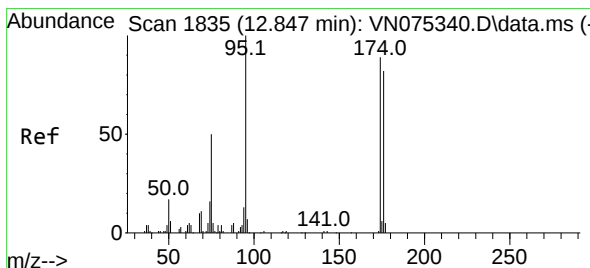
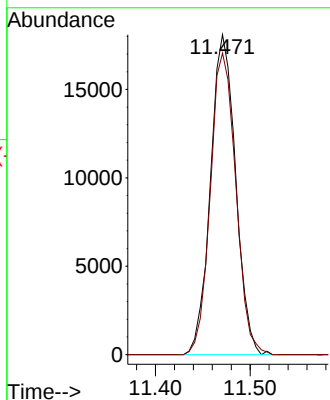
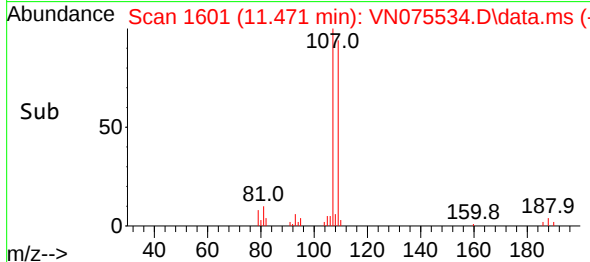
Instrument :
MSVOA_N
ClientSampleId :
VN1202MBS02



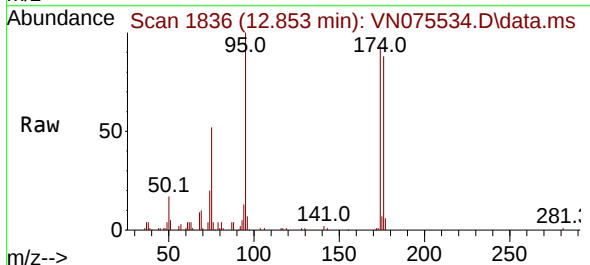
Tgt Ion:107 Resp: 3338
Ion Ratio Lower Upper
107 100
109 95.4 75.6 113.4

Manual Integrations
APPROVED

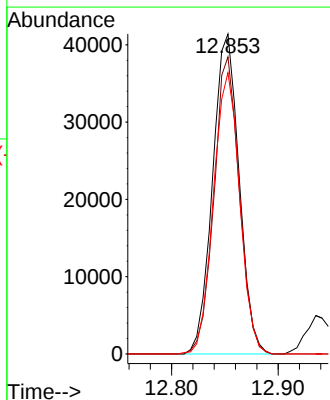
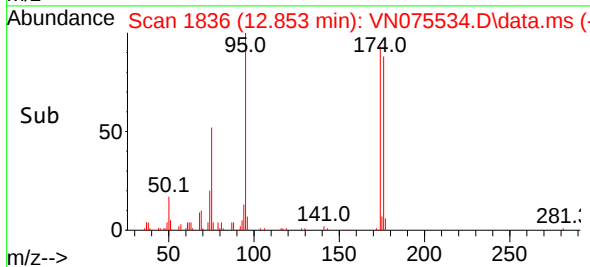
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

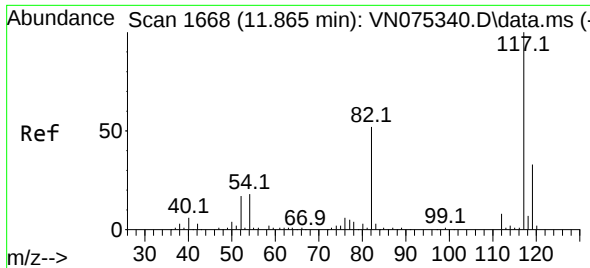


#62
4-Bromofluorobenzene
Concen: 51.492 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05



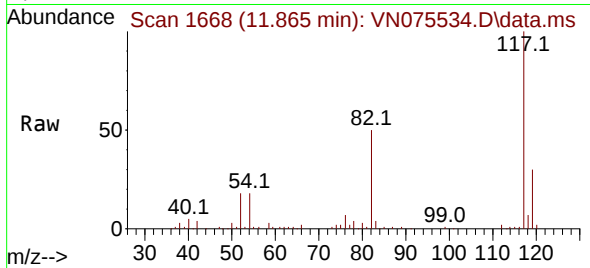
Tgt Ion: 95 Resp: 71372
Ion Ratio Lower Upper
95 100
174 89.1 0.0 147.4
176 87.1 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

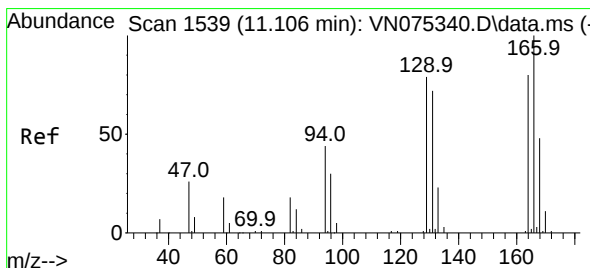
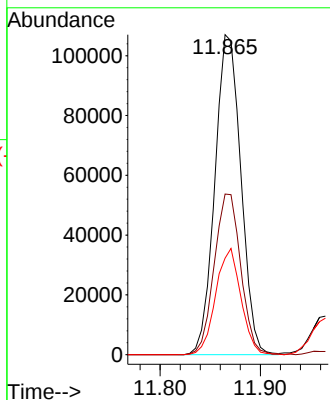
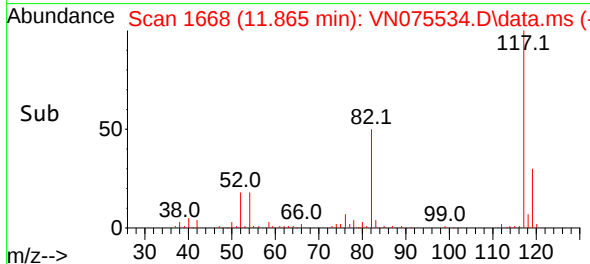
Instrument :
MSVOA_N
ClientSampleId :
VN1202MBS02



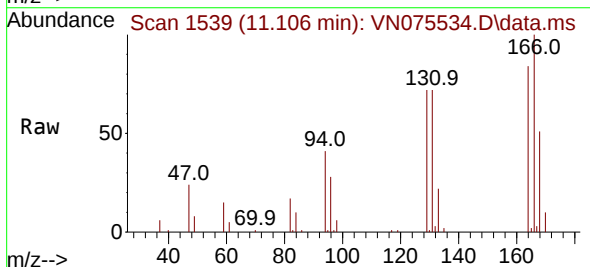
Tgt Ion:117 Resp: 192985
Ion Ratio Lower Upper
117 100
82 50.2 43.1 64.7
119 30.2 25.5 38.3

Manual Integrations
APPROVED

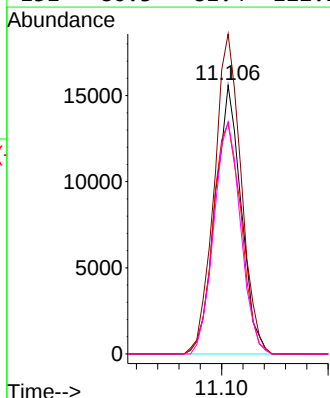
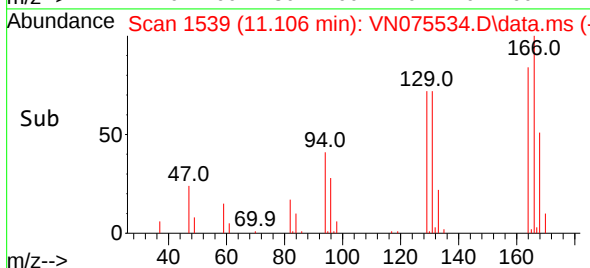
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

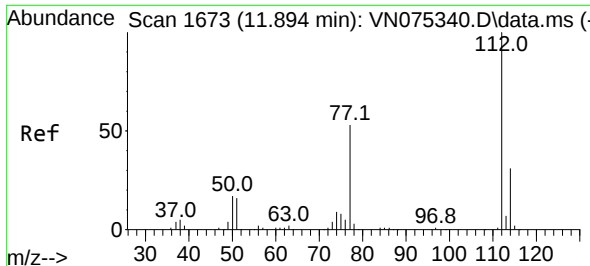


#64
Tetrachloroethene
Concen: 17.998 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05



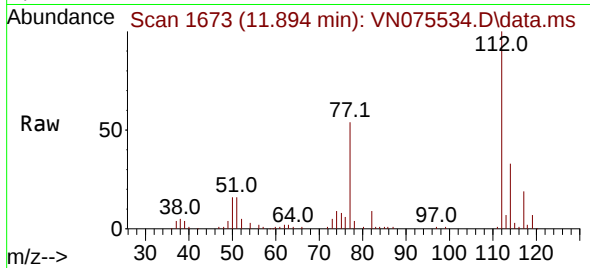
Tgt Ion:164 Resp: 26525
Ion Ratio Lower Upper
164 100
166 119.1 106.5 159.7
129 86.1 81.9 122.9
131 86.3 81.4 122.2





#65
Chlorobenzene
Concen: 19.480 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

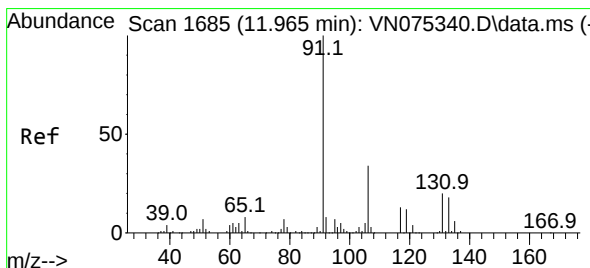
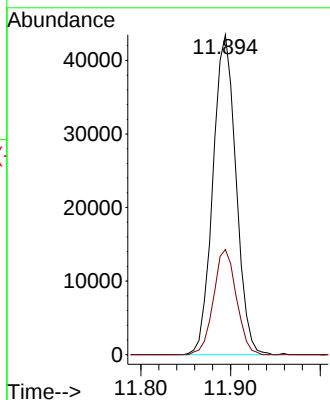
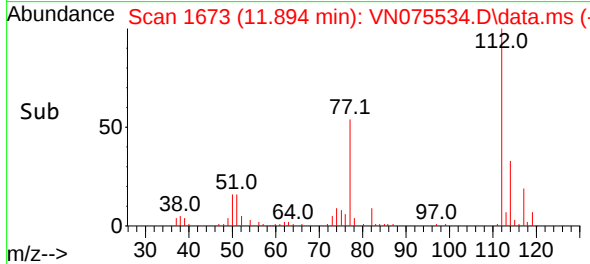
Instrument :
MSVOA_N
ClientSampleId :
VN1202MBS02



Tgt Ion:112 Resp: 7763
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.2

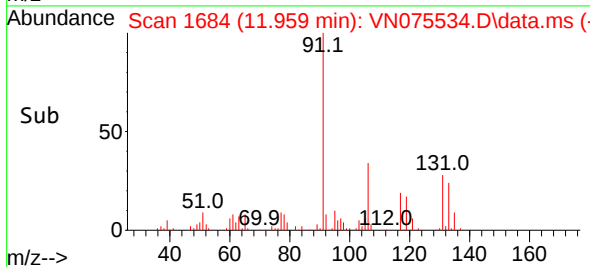
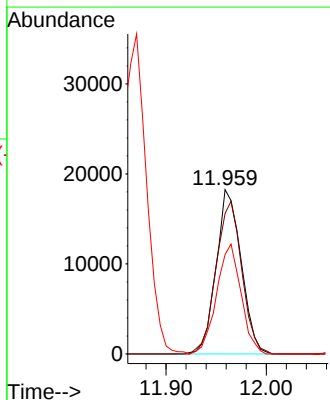
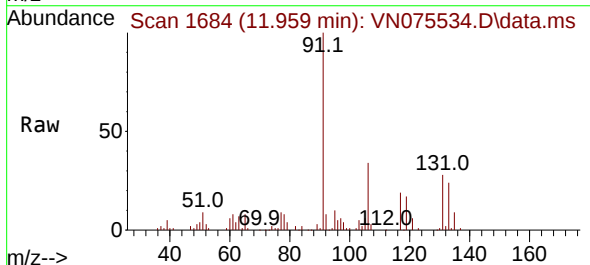
Manual Integrations
APPROVED

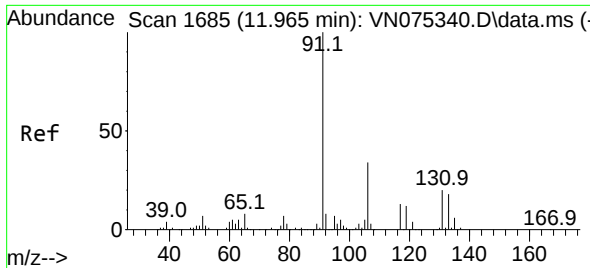
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 21.272 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Tgt Ion:131 Resp: 31641
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.4
119 65.2 33.0 99.0





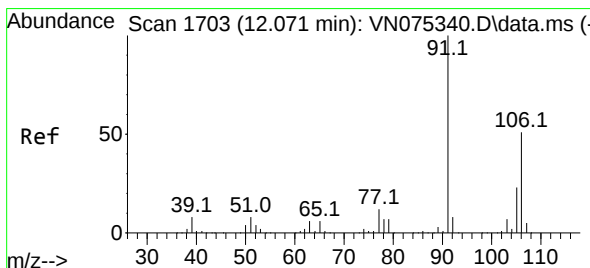
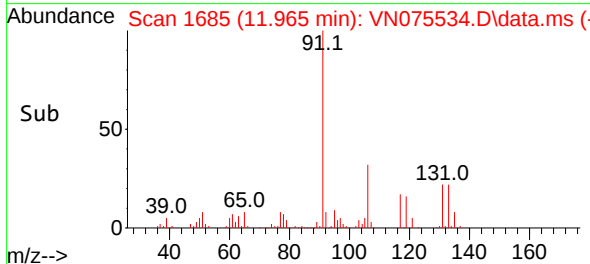
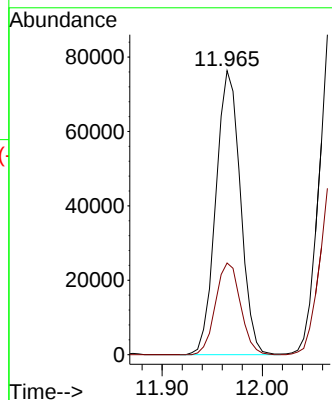
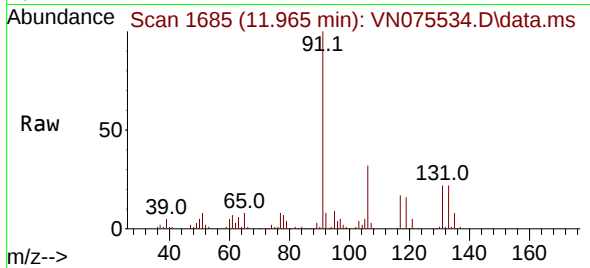
#67
Ethyl Benzene
Concen: 19.107 ug/l
RT: 11.965 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Instrument :
MSVOA_N
ClientSampleId :
VN1202MBS02

Tgt Ion: 91 Resp: 129910
Ion Ratio Lower Upper
91 100
106 32.3 24.9 37.3

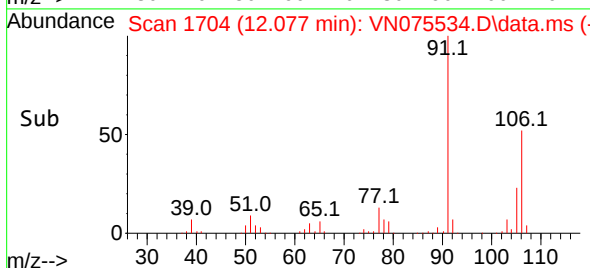
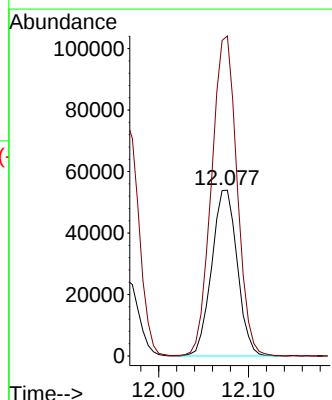
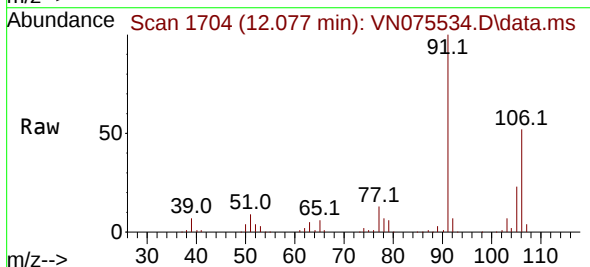
Manual Integrations
APPROVED

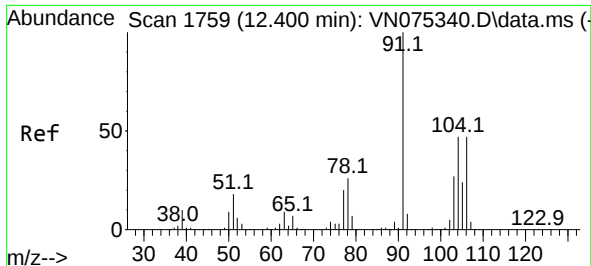
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#68
m/p-Xylenes
Concen: 38.620 ug/l
RT: 12.077 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Tgt Ion:106 Resp: 106636
Ion Ratio Lower Upper
106 100
91 192.7 156.0 234.0





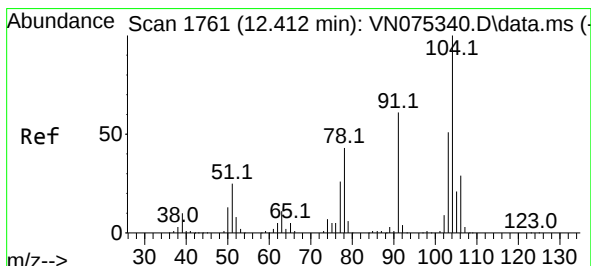
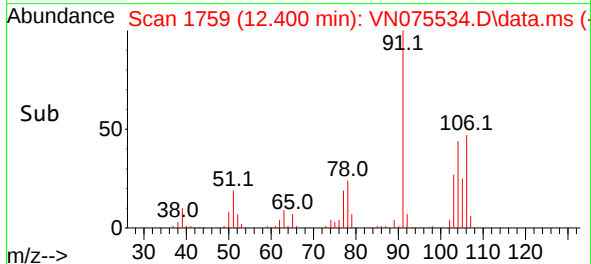
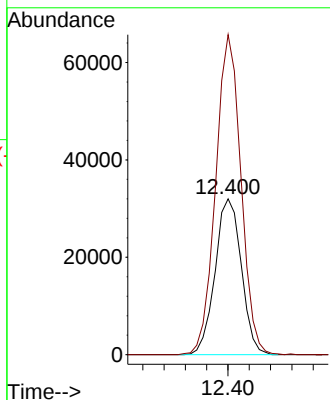
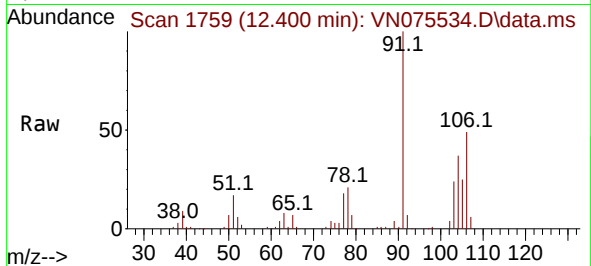
#69
o-Xylene
Concen: 19.913 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Instrument :
MSVOA_N
ClientSampleId :
VN1202MBS02

Tgt Ion:106 Resp: 54630
Ion Ratio Lower Upper
106 100
91 198.3 105.2 315.5

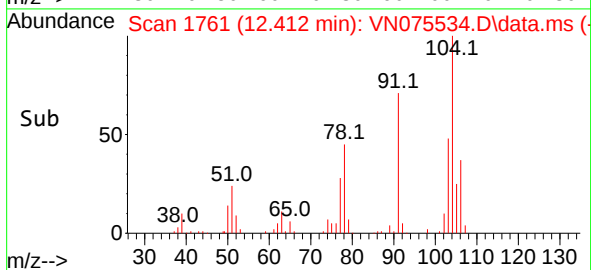
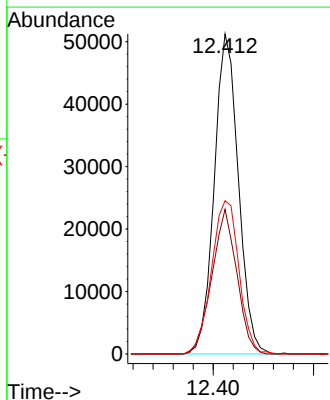
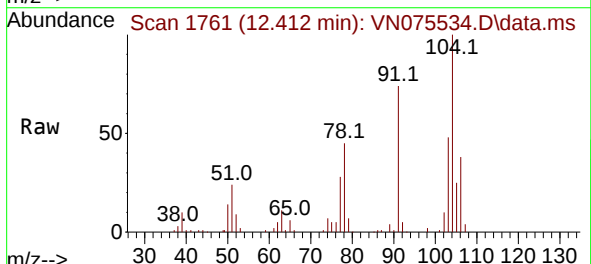
Manual Integrations
APPROVED

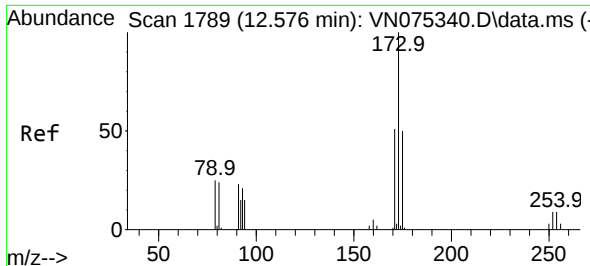
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#70
Styrene
Concen: 19.754 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

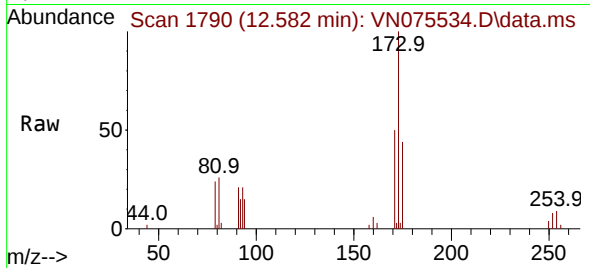
Tgt Ion:104 Resp: 85489
Ion Ratio Lower Upper
104 100
78 46.7 38.1 57.1
103 54.5 44.6 66.8





#71
Bromoform
Concen: 23.881 ug/l
RT: 12.582 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

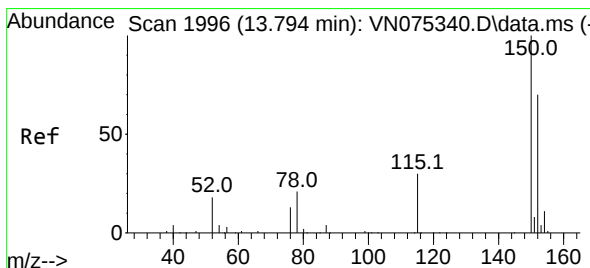
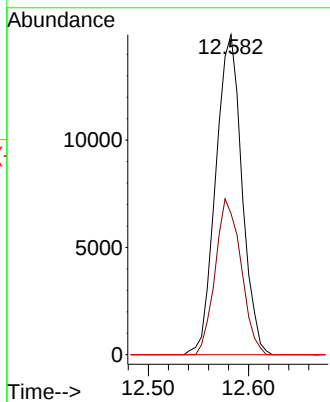
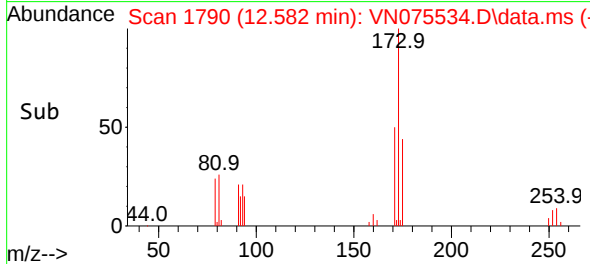
Instrument :
MSVOA_N
ClientSampleId :
VN1202MBS02



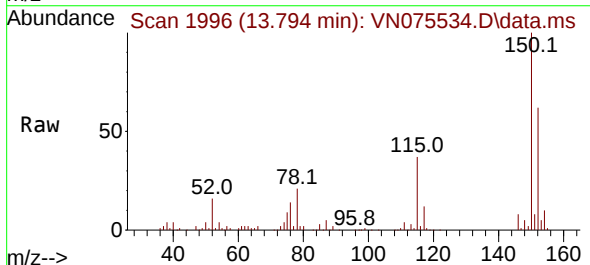
Tgt Ion:173 Resp: 27035
Ion Ratio Lower Upper
173 100
175 47.9 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

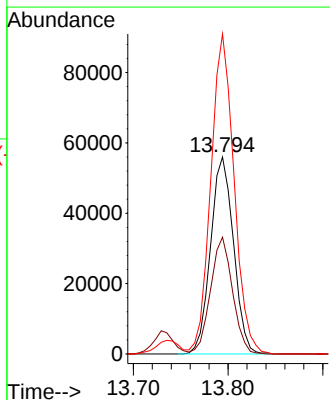
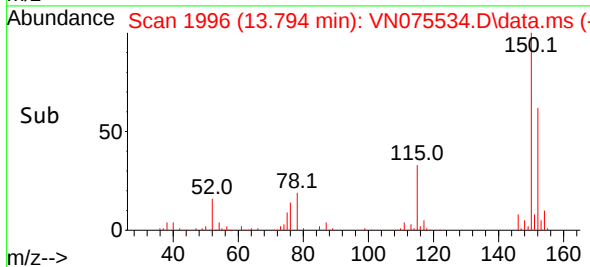
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

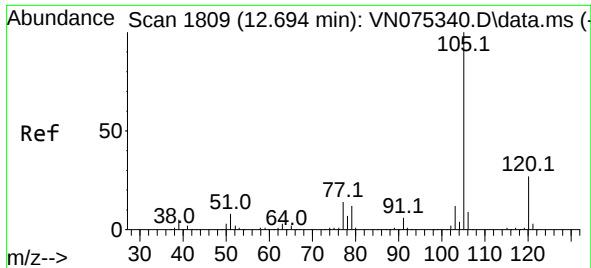


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05



Tgt Ion:152 Resp: 94184
Ion Ratio Lower Upper
152 100
115 56.8 30.2 90.6
150 164.7 0.0 348.4





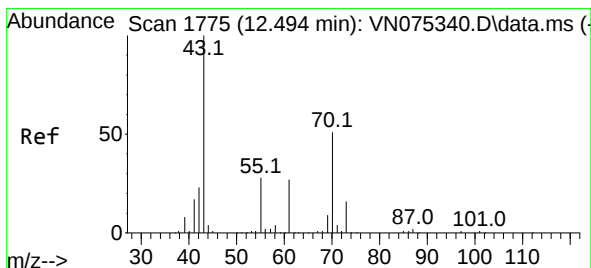
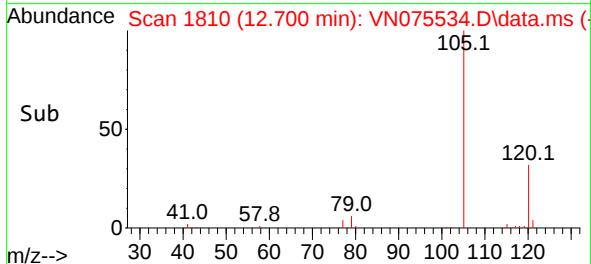
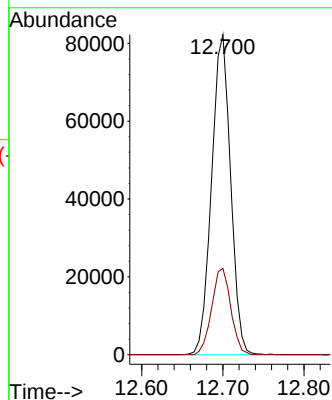
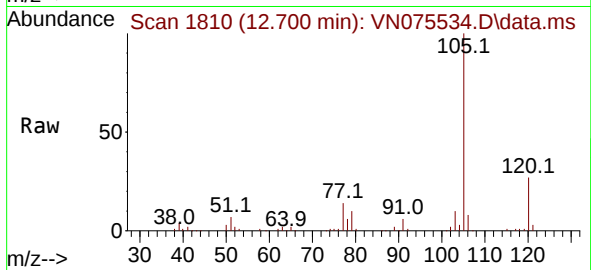
#73
Isopropylbenzene
Concen: 19.426 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Instrument :
MSVOA_N
ClientSampleId :
VN1202MBS02

Tgt Ion:105 Resp: 13367
Ion Ratio Lower Upper
105 100
120 27.0 13.1 39.1

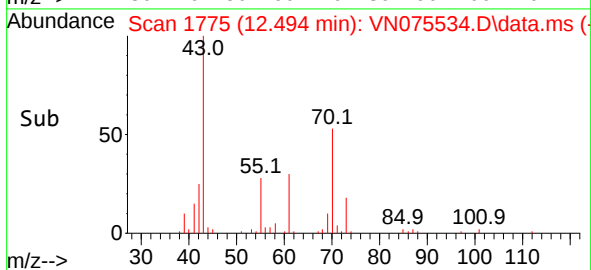
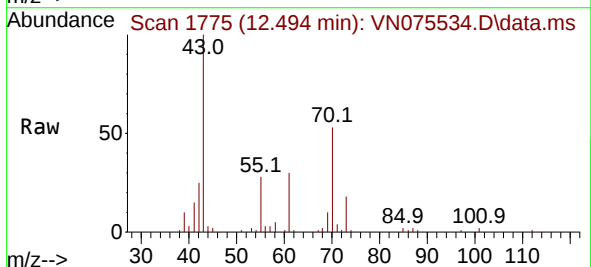
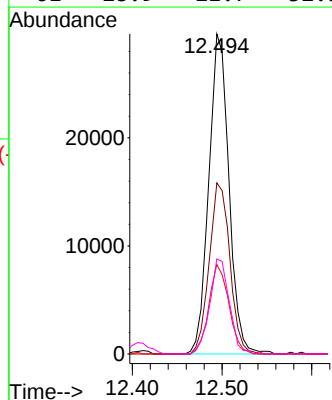
Manual Integrations
APPROVED

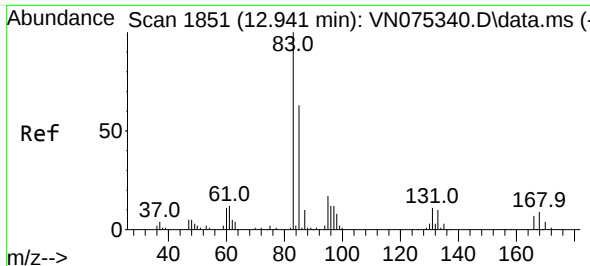
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#74
N-ethyl acetate
Concen: 21.826 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

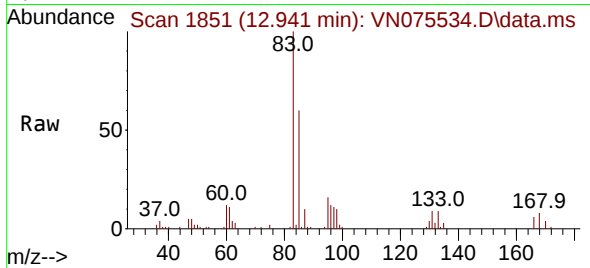
Tgt Ion: 43 Resp: 46172
Ion Ratio Lower Upper
43 100
70 54.7 39.8 59.8
55 27.9 19.9 29.9
61 28.9 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 23.635 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

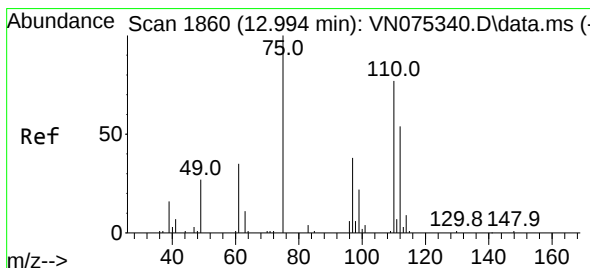
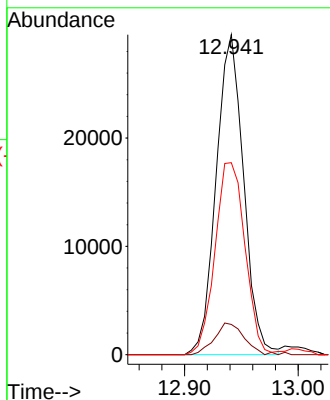
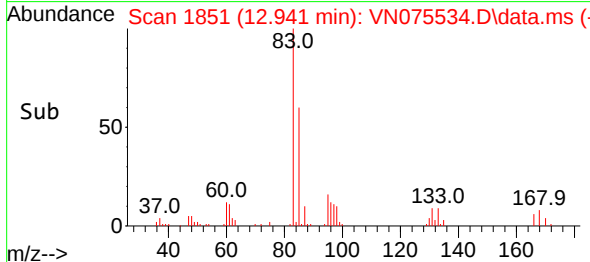
Instrument :
MSVOA_N
ClientSampleId :
VN1202MBS02



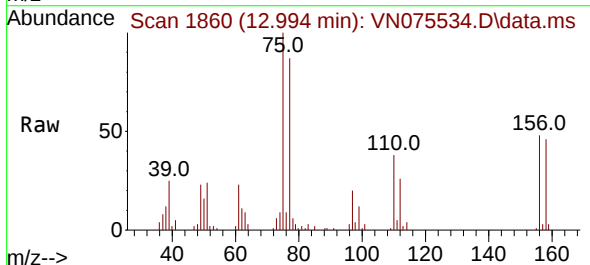
Tgt Ion: 83 Resp: 49584
Ion Ratio Lower Upper
83 100
131 10.8 5.1 15.3
85 65.5 31.6 94.7

Manual Integrations
APPROVED

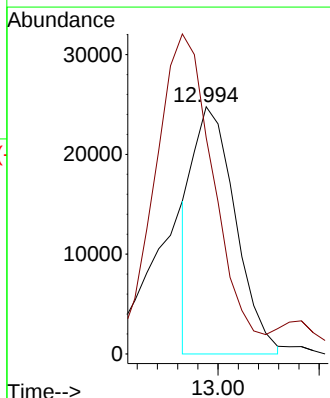
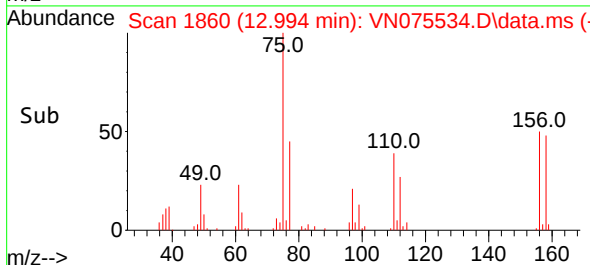
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

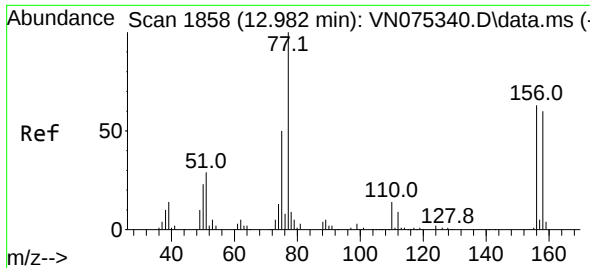


#76
1,2,3-Trichloropropane
Concen: 20.363 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05



Tgt Ion: 75 Resp: 36262
Ion Ratio Lower Upper
75 100
77 180.6 75.6 226.8





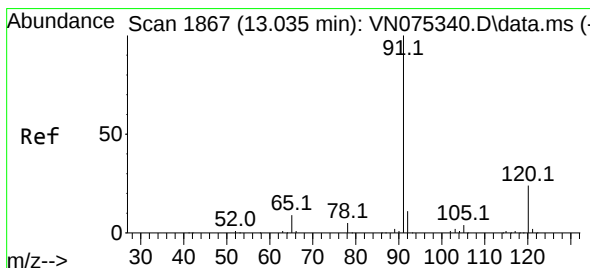
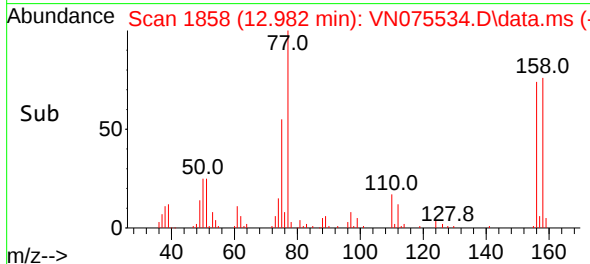
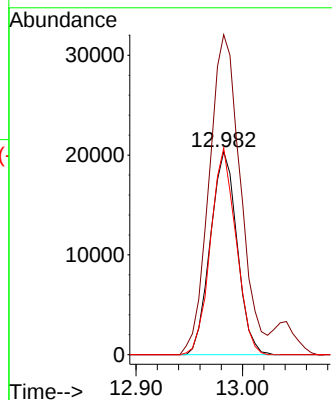
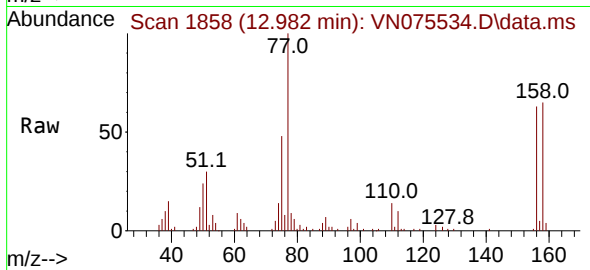
#77
Bromobenzene
Concen: 20.853 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Instrument :
MSVOA_N
ClientSampleId :
VN1202MBS02

Tgt Ion:156 Resp: 3542
Ion Ratio Lower Upper
156 100
77 184.9 108.5 325.5
158 97.3 47.7 143.1

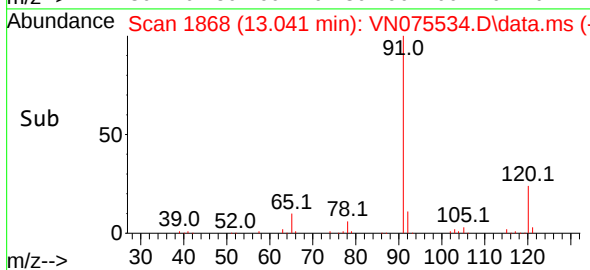
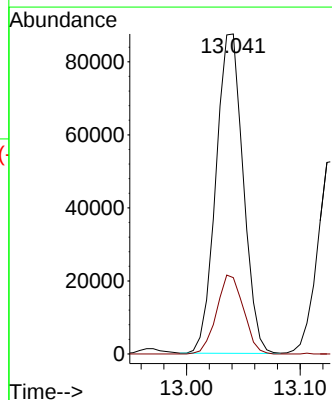
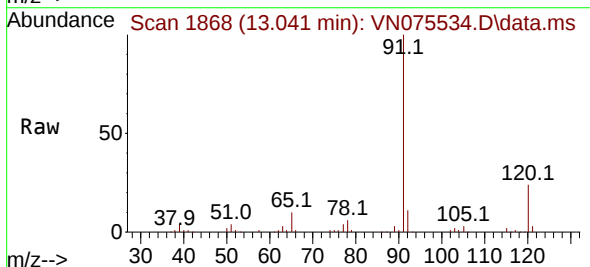
Manual Integrations
APPROVED

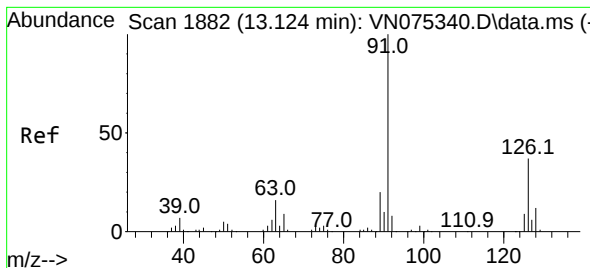
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#78
n-propylbenzene
Concen: 19.017 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Tgt Ion: 91 Resp: 146040
Ion Ratio Lower Upper
91 100
120 24.2 11.9 35.5





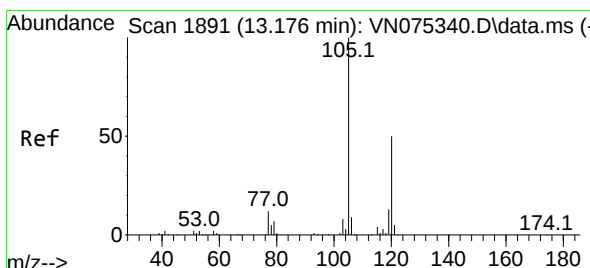
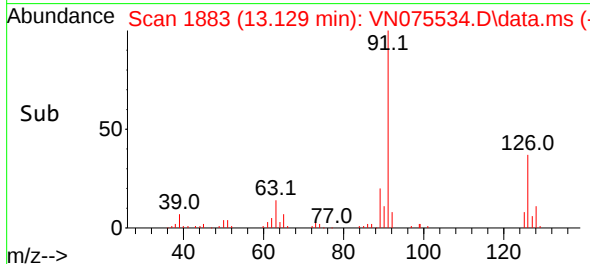
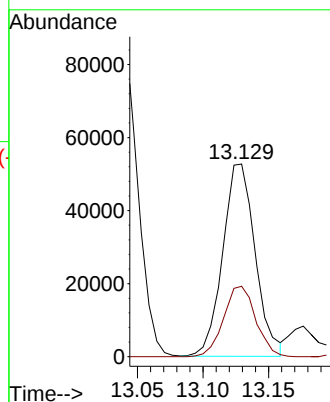
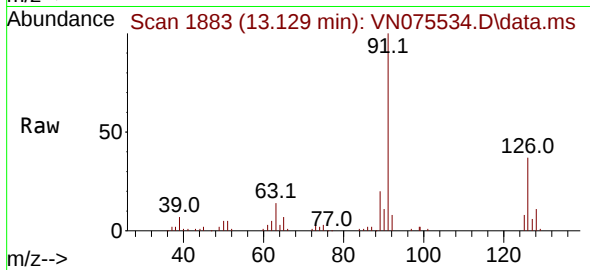
#79
2-Chlorotoluene
Concen: 19.643 ug/l
RT: 13.129 min Scan# 1882
Delta R.T. 0.005 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Instrument :
MSVOA_N
ClientSampleId :
VN1202MBS02

Tgt Ion: 91 Resp: 90880
Ion Ratio Lower Upper
91 100
126 36.2 16.9 50.7

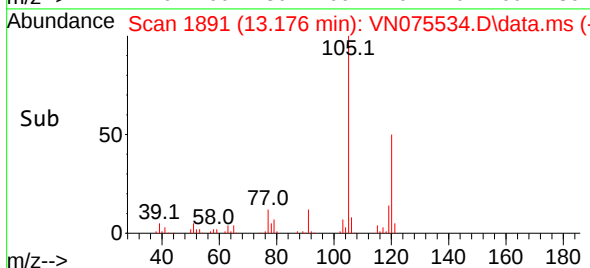
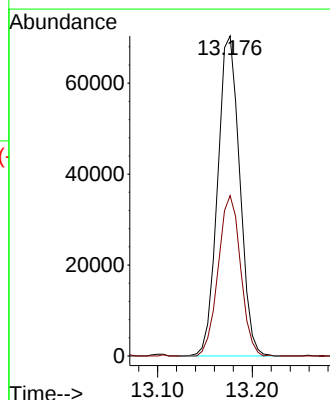
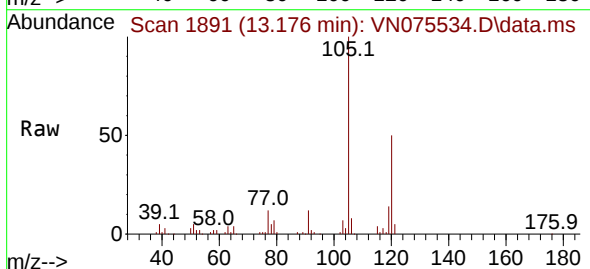
Manual Integrations
APPROVED

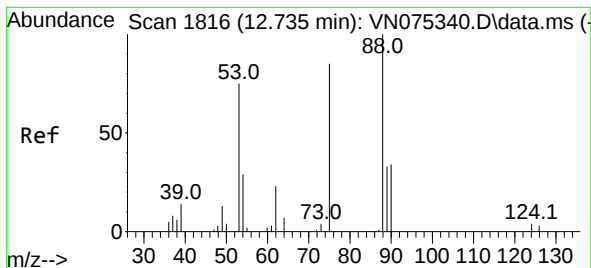
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.987 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

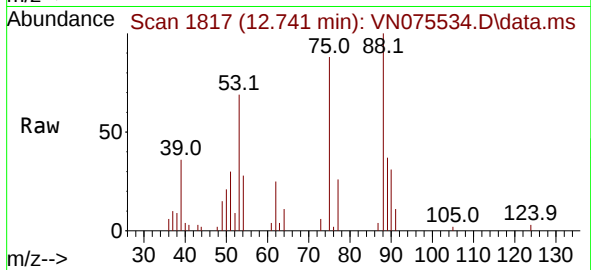
Tgt Ion:105 Resp: 114262
Ion Ratio Lower Upper
105 100
120 50.6 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 22.341 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

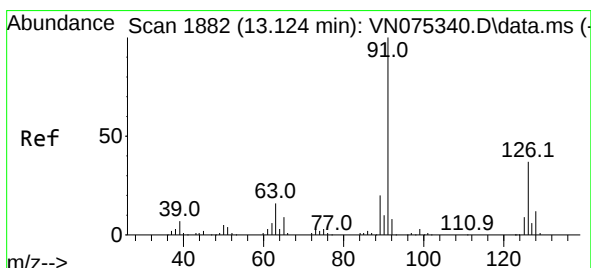
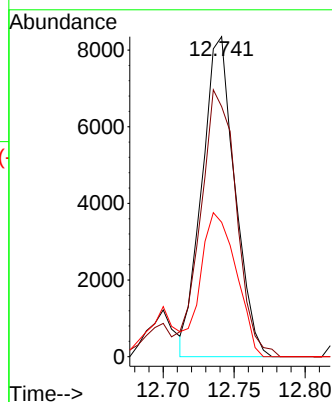
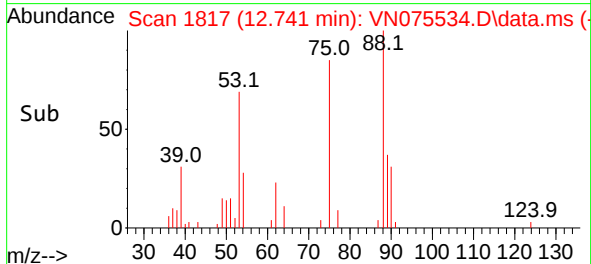
Instrument :
MSVOA_N
ClientSampleId :
VN1202MBS02



Tgt Ion: 75 Resp: 13440
Ion Ratio Lower Upper
75 100
53 90.9 78.5 117.7
89 49.1 37.7 56.5

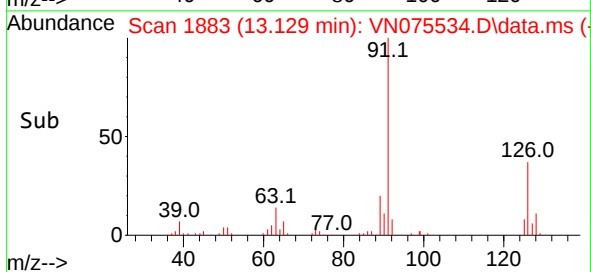
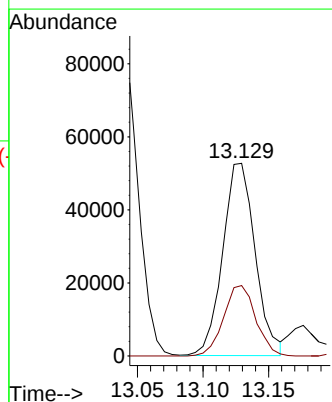
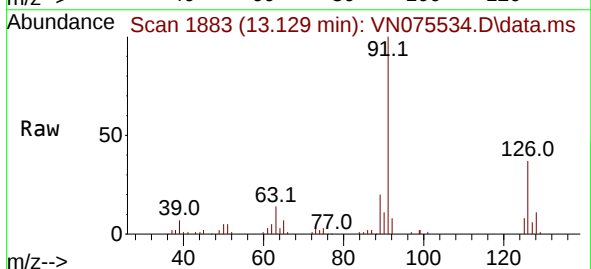
Manual Integrations
APPROVED

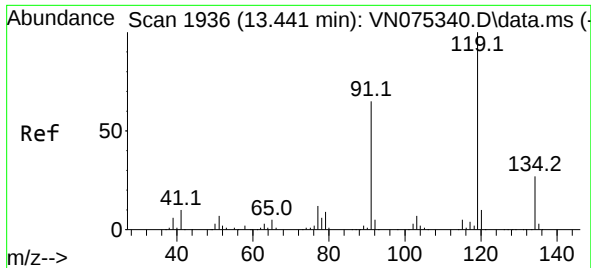
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#82
4-Chlorotoluene
Concen: 19.643 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Tgt Ion: 91 Resp: 90886
Ion Ratio Lower Upper
91 100
126 36.2 16.9 50.7





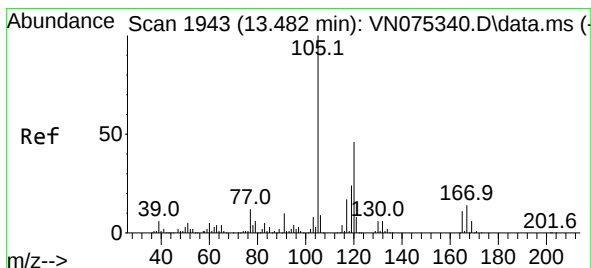
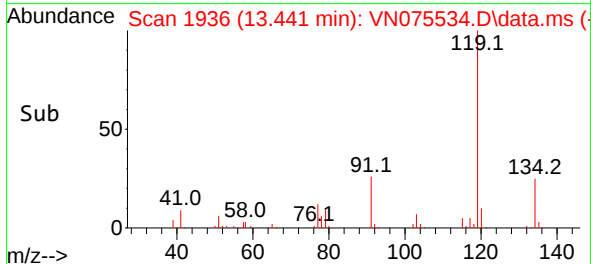
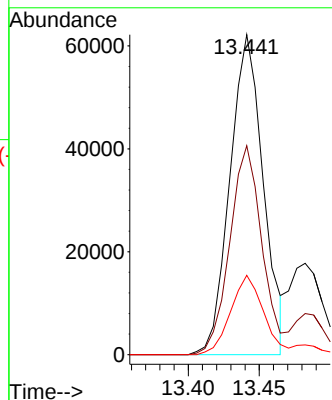
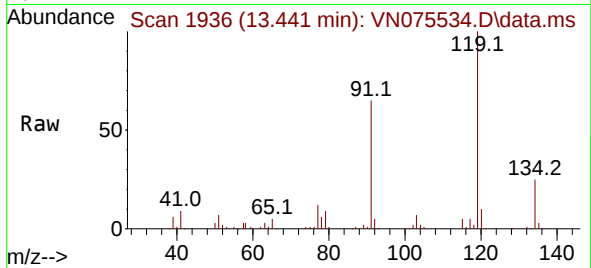
#83
tert-Butylbenzene
Concen: 19.490 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Instrument :
MSVOA_N
ClientSampleId :
VN1202MBS02

Tgt Ion:119 Resp: 10159
Ion Ratio Lower Upper
119 100
91 64.1 32.8 98.4
134 24.4 12.3 36.9

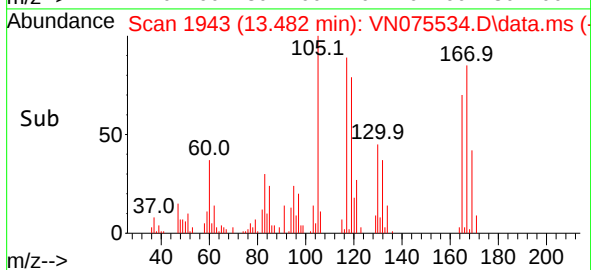
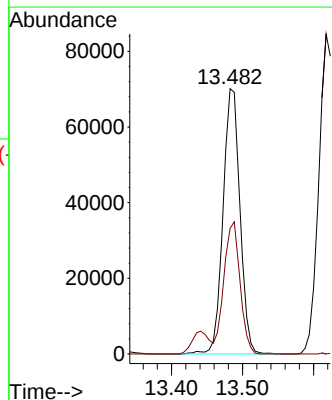
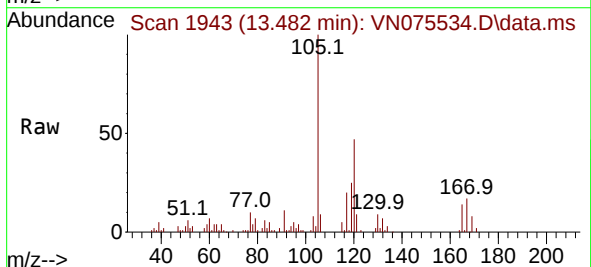
Manual Integrations
APPROVED

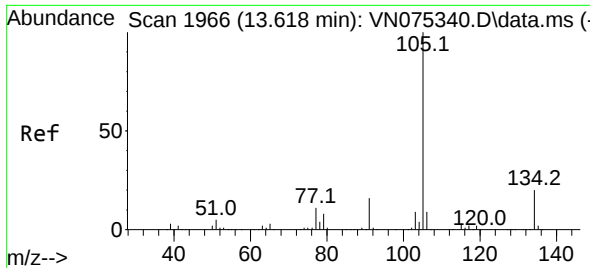
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.193 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Tgt Ion:105 Resp: 115794
Ion Ratio Lower Upper
105 100
120 47.4 22.7 68.1





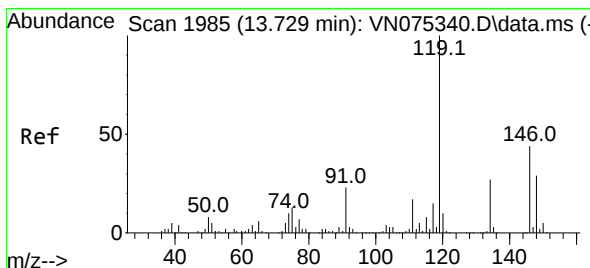
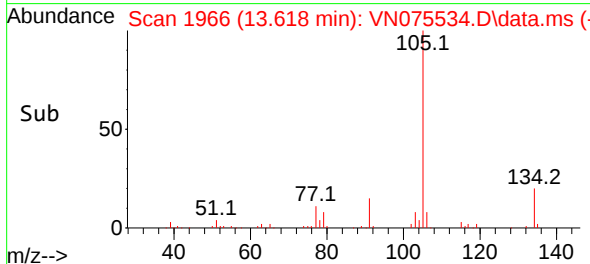
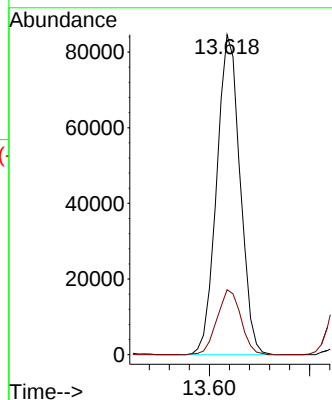
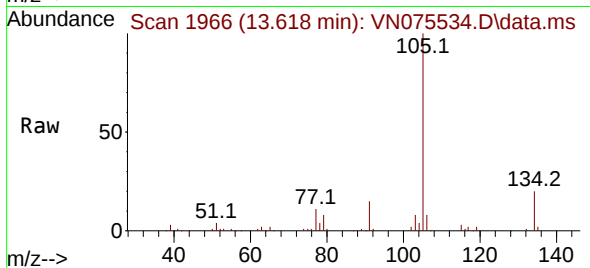
#85
 sec-Butylbenzene
 Concen: 19.338 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075534.D
 Acq: 02 Dec 2022 16:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1202MBS02

Tgt Ion:105 Resp: 136772
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.6

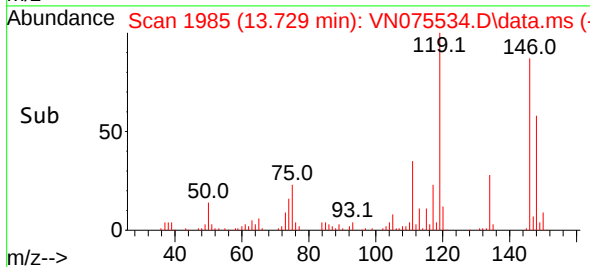
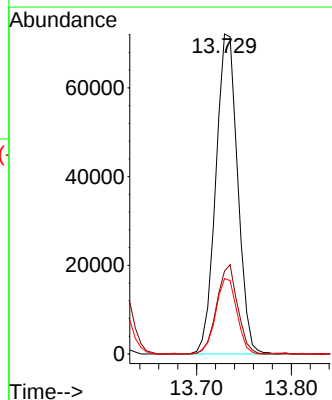
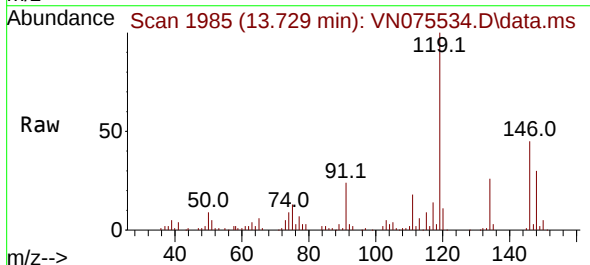
Manual Integrations
 APPROVED

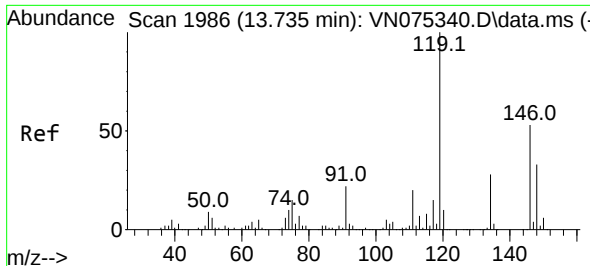
Reviewed By :John Carlone 12/05/2022
 Supervised By :Mahesh Dadoda 12/05/2022



#86
 p-Isopropyltoluene
 Concen: 19.411 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075534.D
 Acq: 02 Dec 2022 16:05

Tgt Ion:119 Resp: 115503
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.1 39.3
 91 22.9 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 19.349 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075534.D

Acq: 02 Dec 2022 16:05

Instrument :

MSVOA_N

ClientSampleId :

VN1202MBS02

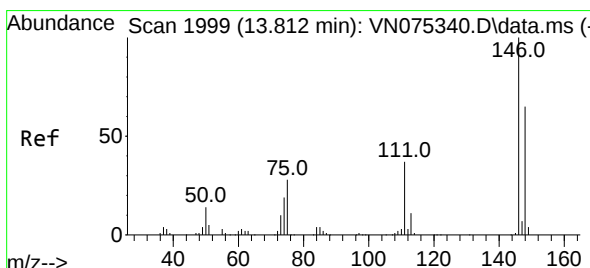
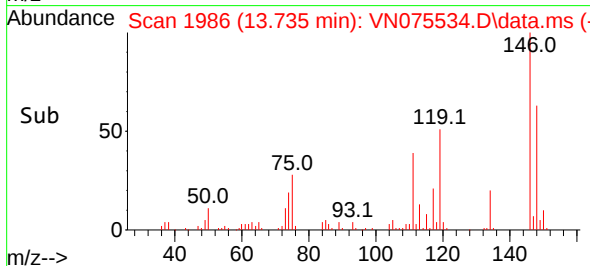
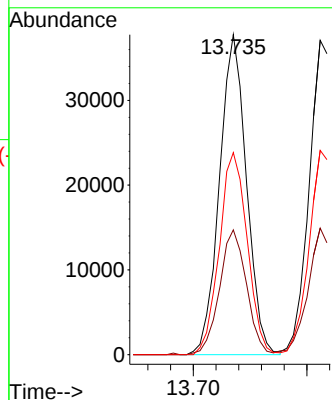
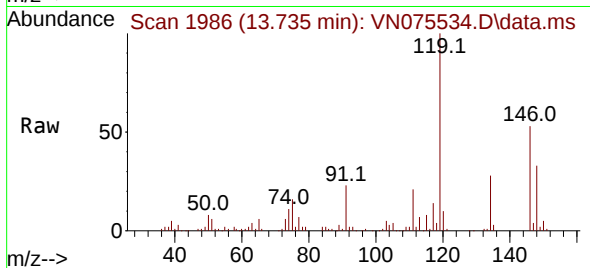
Tgt Ion:146 Resp: 62278
 Ion Ratio Lower Upper
 146 100
 111 39.0 20.8 62.5
 148 65.3 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#88

1,4-Dichlorobenzene

Concen: 18.834 ug/l

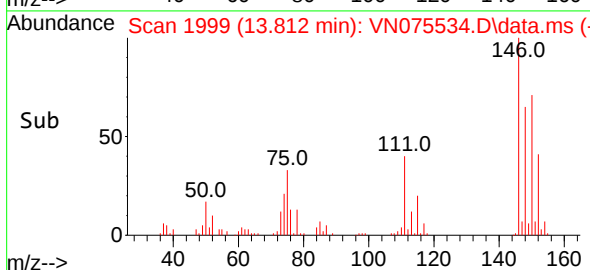
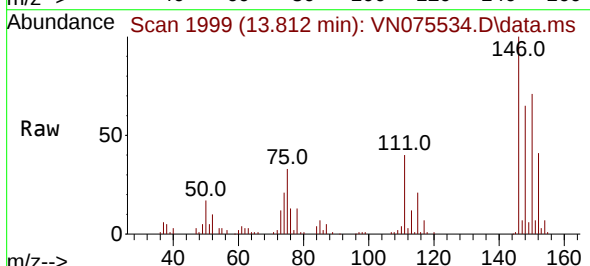
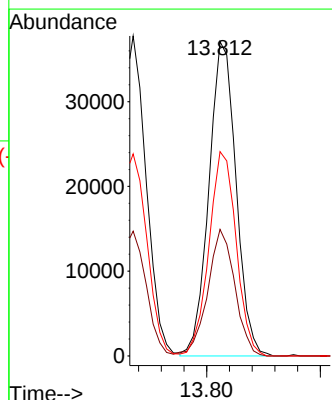
RT: 13.812 min Scan# 1999

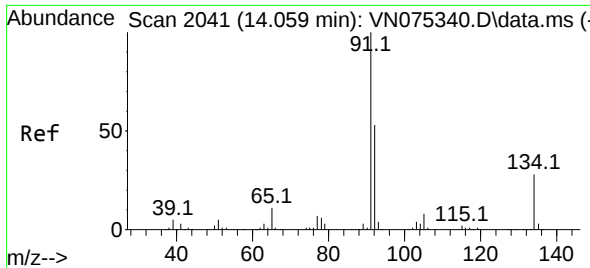
Delta R.T. -0.000 min

Lab File: VN075534.D

Acq: 02 Dec 2022 16:05

Tgt Ion:146 Resp: 61578
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.1 60.3
 148 65.4 31.9 95.7





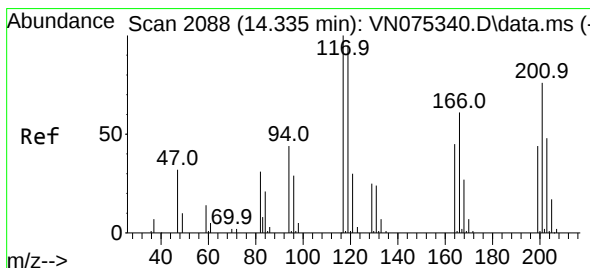
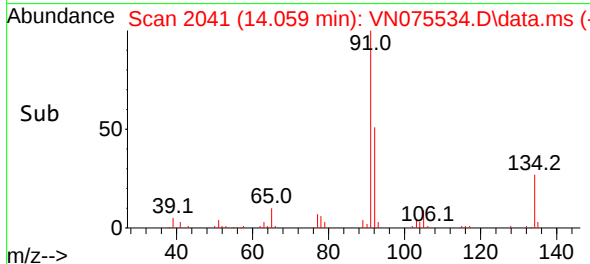
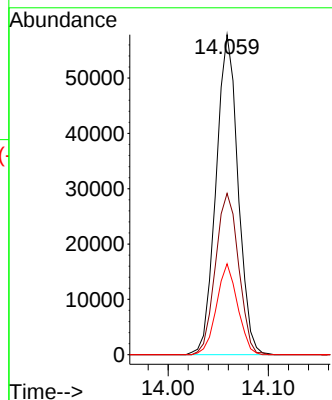
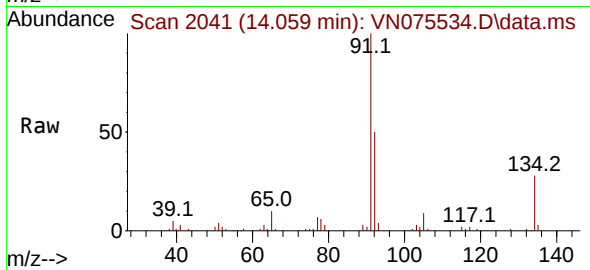
#89
n-Butylbenzene
Concen: 17.542 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Instrument :
MSVOA_N
ClientSampleId :
VN1202MBS02

Tgt Ion: 91 Resp: 88160
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.4
134 27.2 13.0 39.0

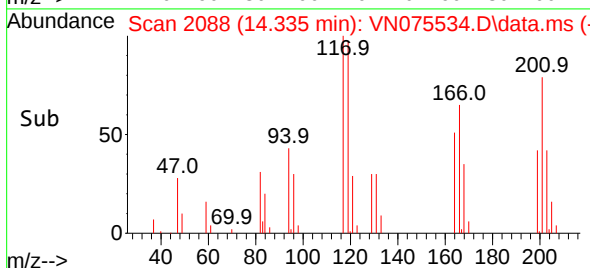
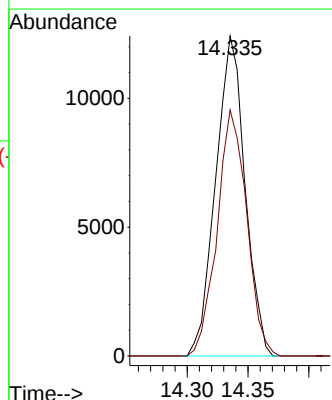
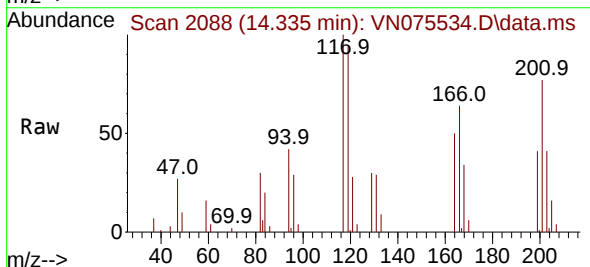
Manual Integrations
APPROVED

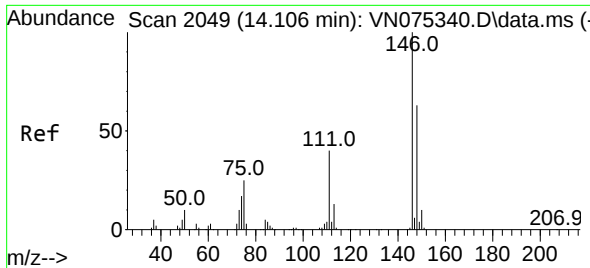
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#90
Hexachloroethane
Concen: 20.302 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Tgt Ion:117 Resp: 20841
Ion Ratio Lower Upper
117 100
201 77.4 31.5 94.5





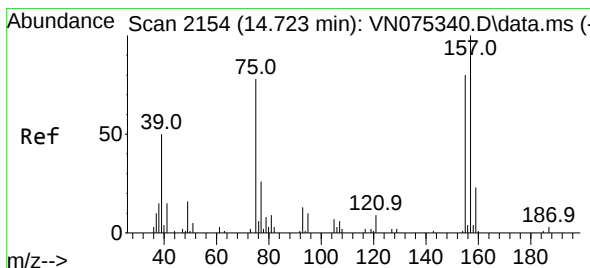
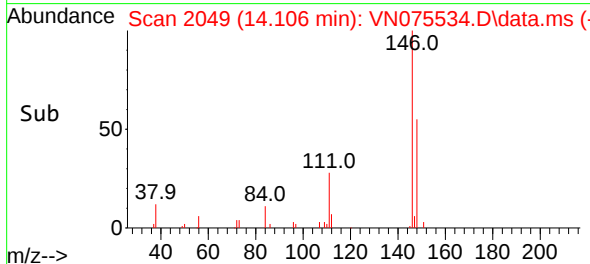
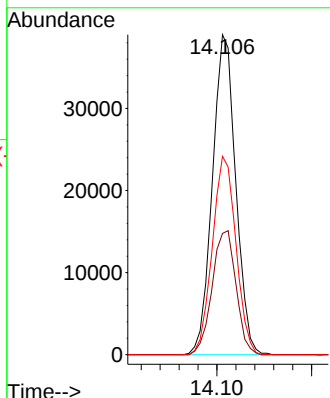
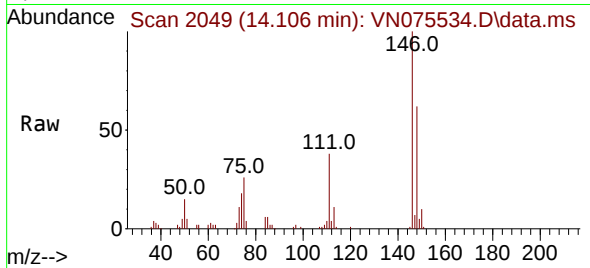
#91
1,2-Dichlorobenzene
Concen: 21.230 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Instrument :
MSVOA_N
ClientSampleId :
VN1202MBS02

Tgt Ion:146 Resp: 66600
Ion Ratio Lower Upper
146 100
111 39.7 21.3 63.9
148 62.8 31.4 94.2

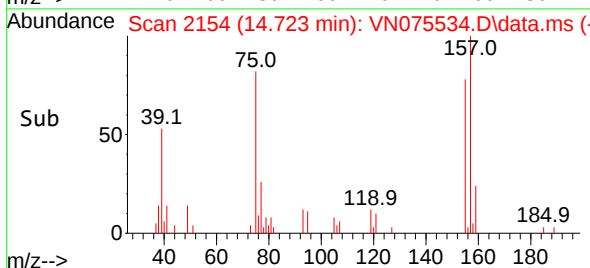
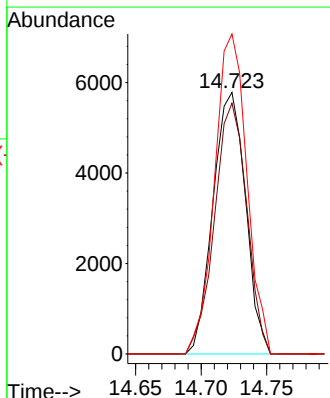
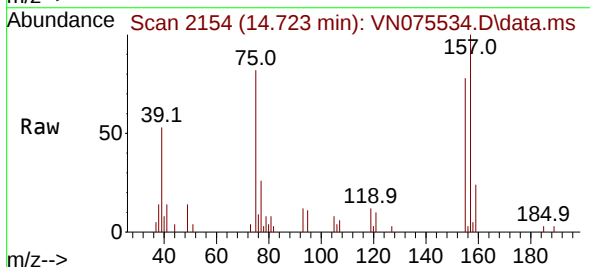
Manual Integrations
APPROVED

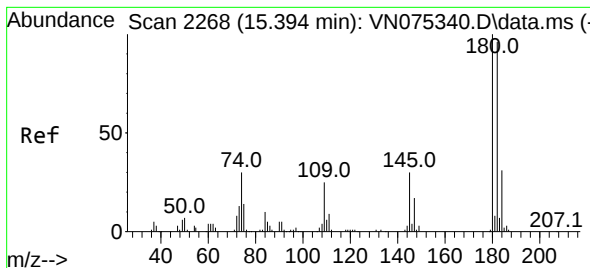
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 25.098 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075534.D
Acq: 02 Dec 2022 16:05

Tgt Ion: 75 Resp: 9974
Ion Ratio Lower Upper
75 100
155 95.0 42.1 126.3
157 121.3 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 20.720 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075534.D

Acq: 02 Dec 2022 16:05

Instrument :

MSVOA_N

ClientSampleId :

VN1202MBS02

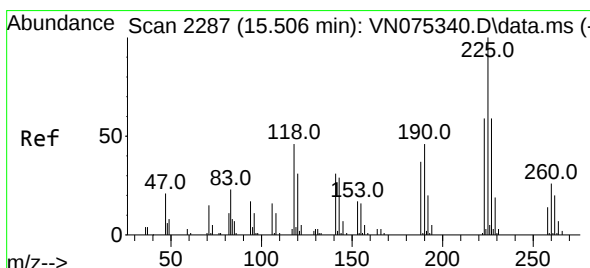
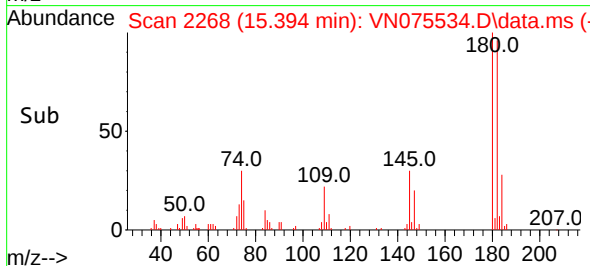
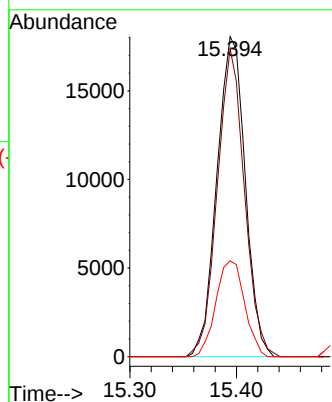
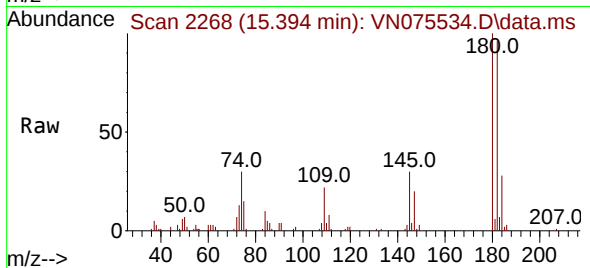
Tgt Ion:180	Resp:	33314
Ion Ratio	Lower	Upper
180	100	
182	92.0	47.8 143.4
145	30.4	16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#94

Hexachlorobutadiene

Concen: 19.891 ug/l

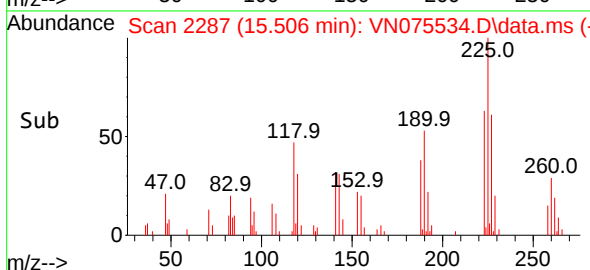
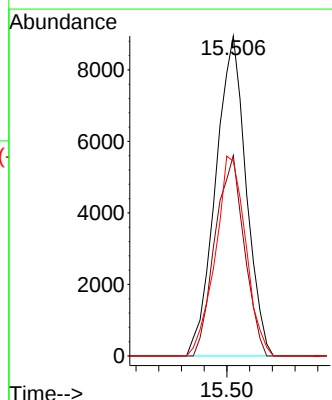
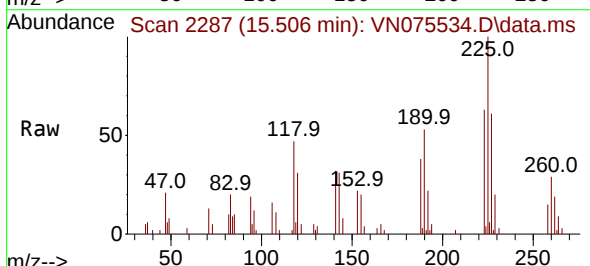
RT: 15.506 min Scan# 2287

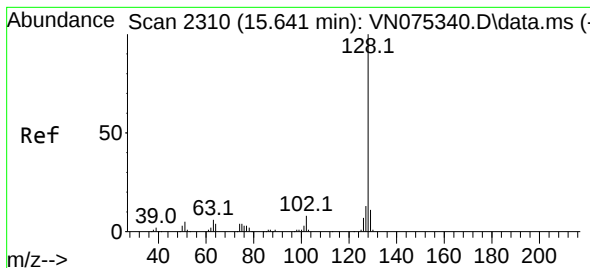
Delta R.T. -0.000 min

Lab File: VN075534.D

Acq: 02 Dec 2022 16:05

Tgt Ion:225	Resp:	16658
Ion Ratio	Lower	Upper
225	100	
223	59.9	32.3 96.9
227	62.4	32.0 96.2





#95

Naphthalene

Concen: 21.028 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. 0.000 min

Lab File: VN075534.D

Acq: 02 Dec 2022 16:05

Instrument :

MSVOA_N

ClientSampleId :

VN1202MBS02

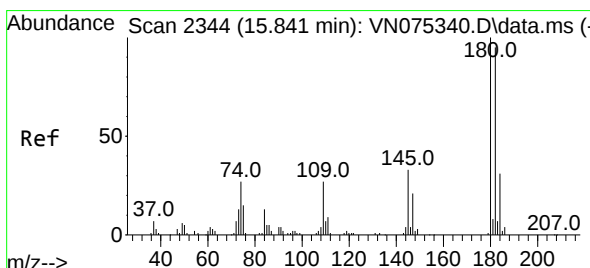
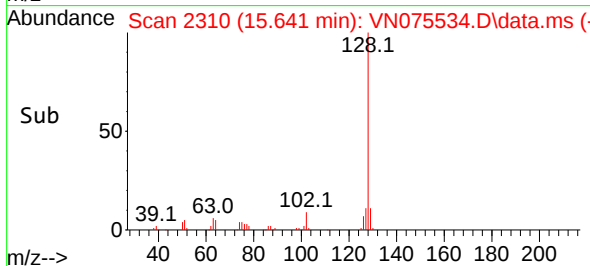
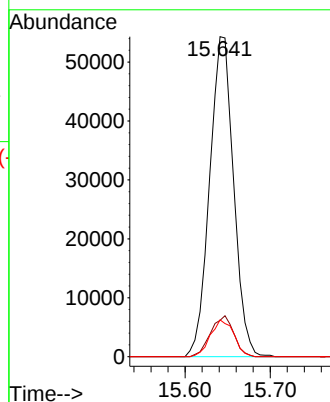
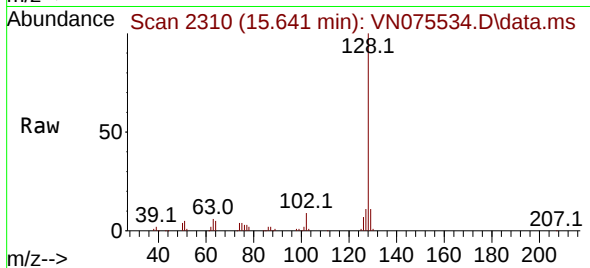
Tgt Ion:128	Resp: 10636
Ion Ratio	Lower Upper
128 100	
127 12.4	10.4 15.6
129 11.2	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#96

1,2,3-Trichlorobenzene

Concen: 20.421 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. 0.000 min

Lab File: VN075534.D

Acq: 02 Dec 2022 16:05

Tgt Ion:180	Resp: 32269
Ion Ratio	Lower Upper
180 100	
182 90.7	47.3 141.8
145 34.9	17.6 52.9

