

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120822\
 Data File : VN075642.D
 Acq On : 08 Dec 2022 12:56
 Operator : JC\MD
 Sample : VN1208WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/09/2022
 Supervised By : Mahesh Dadoda 12/09/2022

Quant Time: Dec 09 02:05:43 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	180563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	288636	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	263125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	46702	48.184	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.360%			
35) Dibromofluoromethane	8.171	113	60685	53.521	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.040%			
50) Toluene-d8	10.571	98	129054	50.535	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.060%			
62) 4-Bromofluorobenzene	12.853	95	99634	52.858	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.720%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	28654	20.753	ug/l	93
3) Chloromethane	2.371	50	33599	19.557	ug/l #	88
4) Vinyl Chloride	2.524	62	41829	19.319	ug/l	100
5) Bromomethane	2.942	94	36350	19.091	ug/l	95
6) Chloroethane	3.118	64	32217	19.637	ug/l #	89
7) Trichlorofluoromethane	3.500	101	60378	19.520	ug/l	95
8) Diethyl Ether	3.965	74	23517	21.692	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.383	101	35666	20.887	ug/l	90
10) Methyl Iodide	4.595	142	58923	21.295	ug/l	97
11) Tert butyl alcohol	5.536	59	33739	82.922	ug/l	99
12) 1,1-Dichloroethene	4.347	96	33946	20.301	ug/l	93
13) Acrolein	4.195	56	27483	77.536	ug/l	100
14) Allyl chloride	5.036	41	39447	18.238	ug/l	93
15) Acrylonitrile	5.730	53	86982	93.180	ug/l	97
16) Acetone	4.442	43	79996	88.485	ug/l	90
17) Carbon Disulfide	4.724	76	83708	19.263	ug/l	98
18) Methyl Acetate	5.036	43	48045	20.311	ug/l	95
19) Methyl tert-butyl Ether	5.812	73	118784	20.053	ug/l	94
20) Methylene Chloride	5.289	84	40499	21.358	ug/l	92
21) trans-1,2-Dichloroethene	5.800	96	36960	19.395	ug/l	91
22) Diisopropyl ether	6.683	45	100708	20.404	ug/l	93
23) Vinyl Acetate	6.612	43	344565	87.750	ug/l	97
24) 1,1-Dichloroethane	6.577	63	64803	20.455	ug/l	95
25) 2-Butanone	7.488	43	110751	87.746	ug/l	96
26) 2,2-Dichloropropane	7.494	77	55684	18.912	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	46664	21.656	ug/l	89
28) Bromochloromethane	7.818	49	25103	19.520	ug/l #	81
29) Tetrahydrofuran	7.847	42	66635	86.793	ug/l	93
30) Chloroform	7.971	83	72618	19.960	ug/l	94
31) Cyclohexane	8.265	56	56737	18.425	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	66279	20.064	ug/l	97
36) 1,1-Dichloropropene	8.377	75	51753	20.930	ug/l	96
37) Ethyl Acetate	7.565	43	43917	19.725	ug/l	97
38) Carbon Tetrachloride	8.365	117	59310	21.835	ug/l	97
39) Methylcyclohexane	9.606	83	64512	20.846	ug/l	98
40) Benzene	8.612	78	161972	21.395	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	24091	21.164	ug/l	98
42) 1,2-Dichloroethane	8.677	62	54196	21.375	ug/l	97
43) Isopropyl Acetate	8.694	43	75793	21.208	ug/l	98
44) Trichloroethene	9.359	130	44658	21.558	ug/l	96
45) 1,2-Dichloropropane	9.624	63	37786	20.944	ug/l	95
46) Dibromomethane	9.712	93	29104	21.328	ug/l #	88
47) Bromodichloromethane	9.888	83	55731	21.090	ug/l	100
48) Methyl methacrylate	9.682	41	33945	20.542	ug/l	97
49) 1,4-Dioxane	9.700	88	17928	382.070	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	225478	99.059	ug/l	98
52) Toluene	10.629	92	106162	21.761	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	58400	22.013	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	63064	21.887	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	42747	21.513	ug/l	96
56) Ethyl methacrylate	10.876	69	58710	21.879	ug/l	96
57) 1,3-Dichloropropane	11.165	76	69973	21.597	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	78709	81.329	ug/l	95
59) 2-Hexanone	11.200	43	168172	98.392	ug/l	96
60) Dibromochloromethane	11.359	129	48009	23.539	ug/l	99
61) 1,2-Dibromoethane	11.471	107	44380	21.519	ug/l	99
64) Tetrachloroethene	11.106	164	39292	19.554	ug/l	96
65) Chlorobenzene	11.894	112	118573	21.821	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	45618	22.493	ug/l	97
67) Ethyl Benzene	11.965	91	202279	21.819	ug/l	99
68) m/p-Xylenes	12.070	106	166358	44.189	ug/l	99
69) o-Xylene	12.400	106	84594	22.616	ug/l	91
70) Styrene	12.418	104	131784	22.334	ug/l	99
71) Bromoform	12.582	173	35059	22.713	ug/l #	99
73) Isopropylbenzene	12.700	105	210371	21.130	ug/l	99
74) N-amyl acetate	12.500	43	63896	20.876	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	61474	20.253	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	46770m	18.152	ug/l	
77) Bromobenzene	12.982	156	54137	22.026	ug/l	81
78) n-propylbenzene	13.041	91	234222	21.080	ug/l	98
79) 2-Chlorotoluene	13.129	91	141346	21.114	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	182422	22.054	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	18500	21.244	ug/l	90
82) 4-Chlorotoluene	13.129	91	141346	21.114	ug/l	95
83) tert-Butylbenzene	13.441	119	167874	22.259	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	181891	21.923	ug/l	99
85) sec-Butylbenzene	13.617	105	222916	21.784	ug/l	98
86) p-Isopropyltoluene	13.735	119	190556	22.133	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	98684	21.190	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	99105	20.950	ug/l	98
89) n-Butylbenzene	14.059	91	149816	20.603	ug/l	99
90) Hexachloroethane	14.341	117	32293	21.742	ug/l	79
91) 1,2-Dichlorobenzene	14.106	146	98268	21.648	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11024	19.173	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	50869	21.867	ug/l	97
94) Hexachlorobutadiene	15.506	225	27872	23.002	ug/l	99
95) Naphthalene	15.647	128	148091	20.235	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	49137	21.491	ug/l	98

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

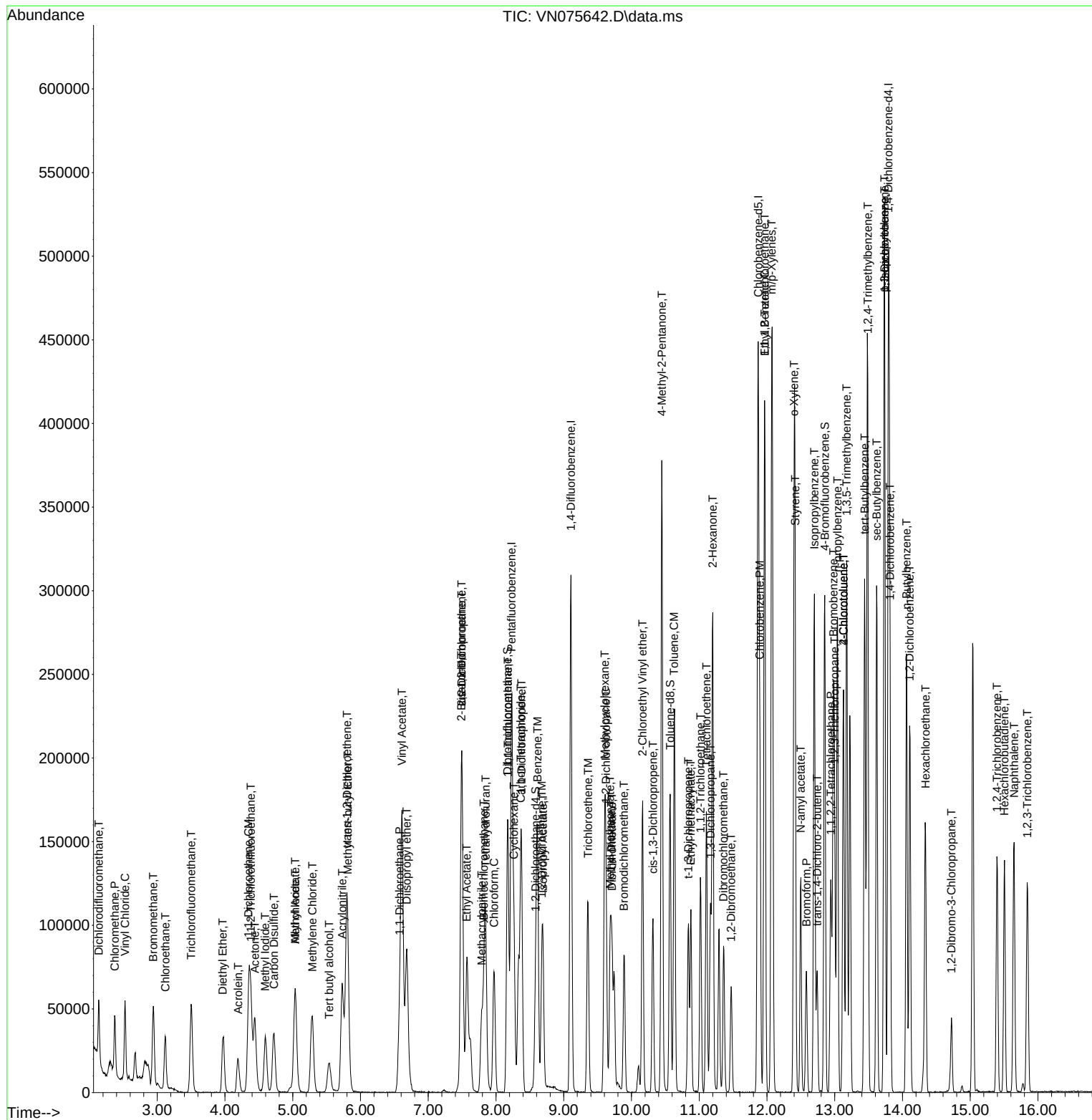
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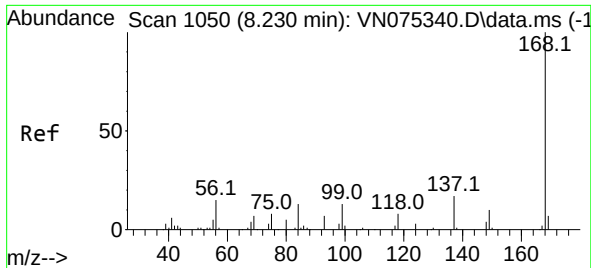
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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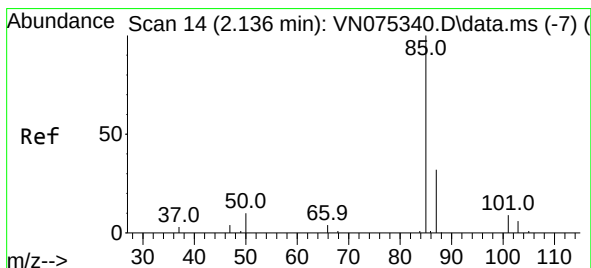
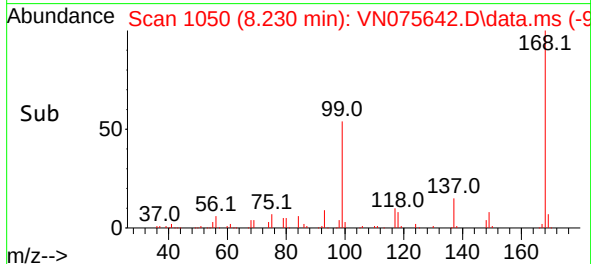
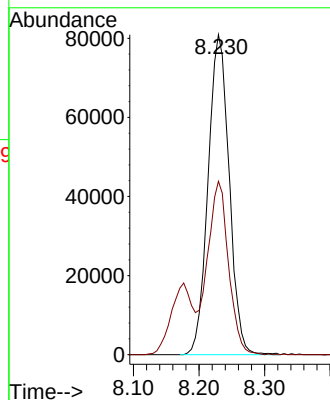
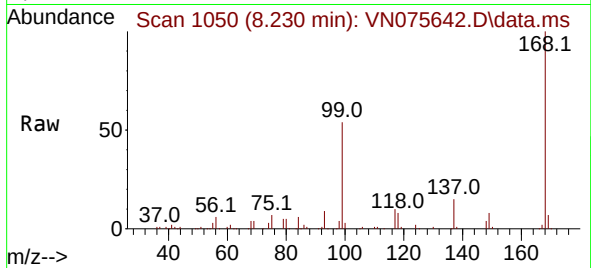
VN1208WBSD02

Tgt Ion:168 Resp: 18056
Ion Ratio Lower Upper
168 100
99 54.2 51.6 77.4

Manual Integrations

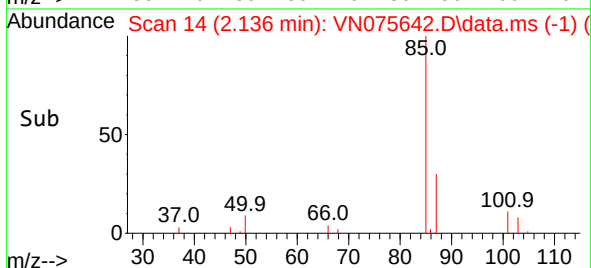
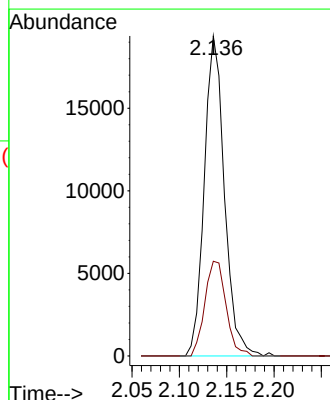
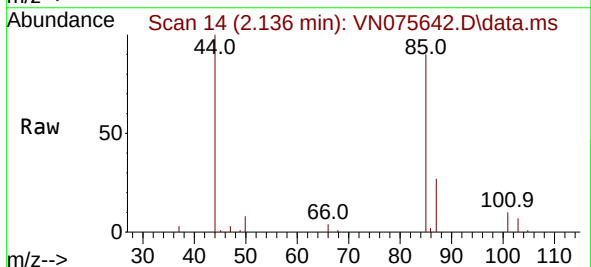
APPROVED

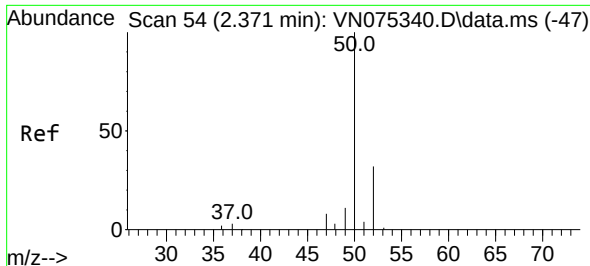
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#2
Dichlorodifluoromethane
Concen: 20.753 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

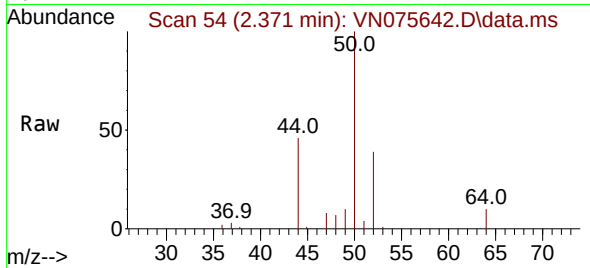
Tgt Ion: 85 Resp: 28654
Ion Ratio Lower Upper
85 100
87 29.6 16.7 50.0





#3
Chloromethane
Concen: 19.557 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

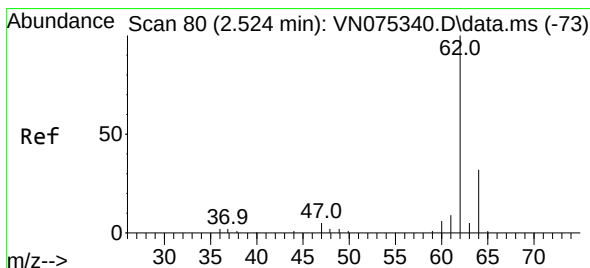
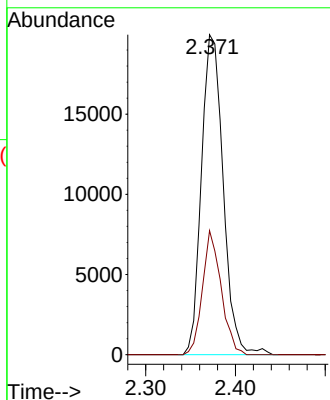
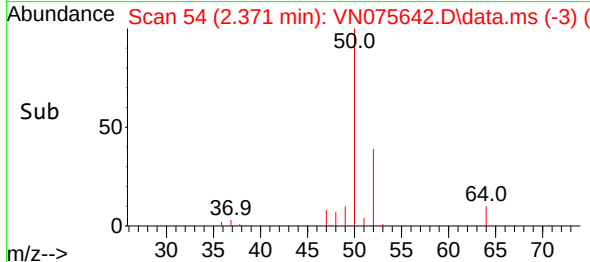
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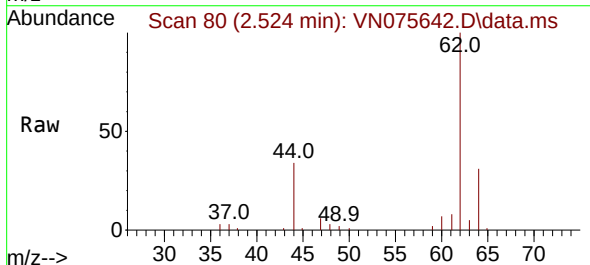
Tgt Ion: 50 Resp: 3359
Ion Ratio Lower Upper
50 100
52 38.8 25.8 38.6

Manual Integrations
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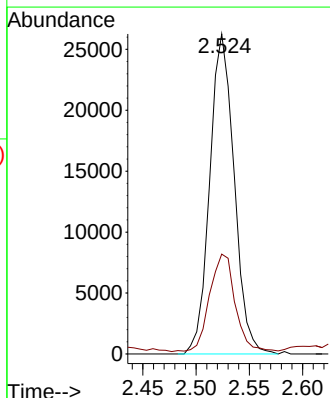
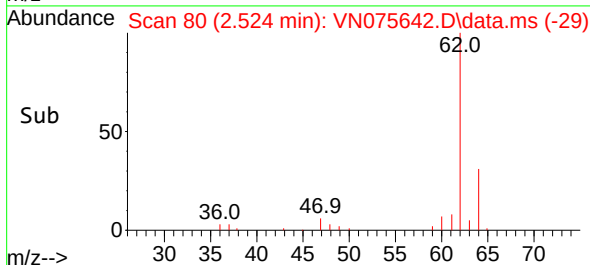
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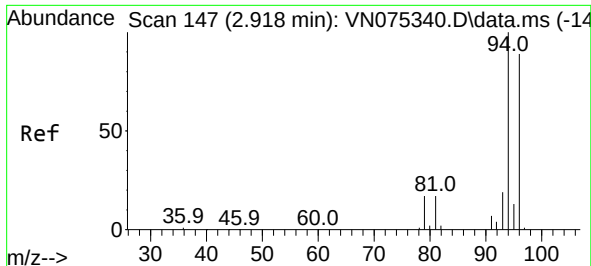


#4
Vinyl Chloride
Concen: 19.319 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56



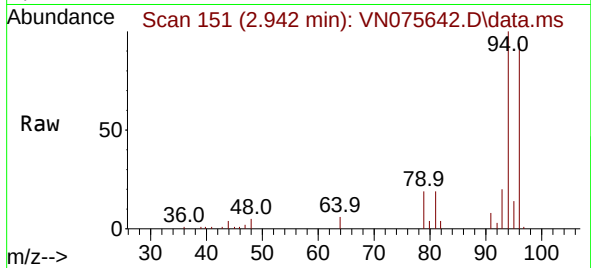
Tgt Ion: 62 Resp: 41829
Ion Ratio Lower Upper
62 100
64 30.3 24.0 36.0





#5
Bromomethane
Concen: 19.091 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

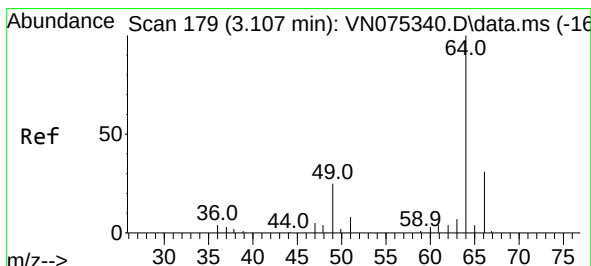
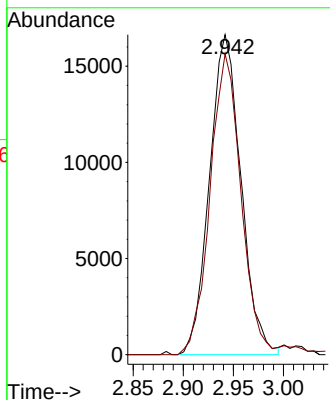
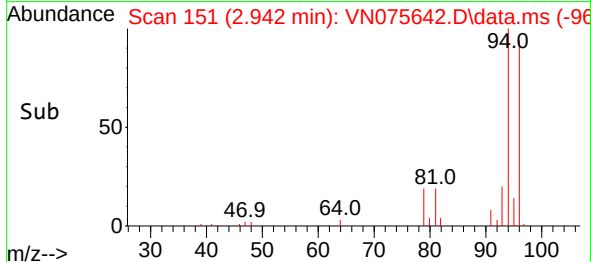
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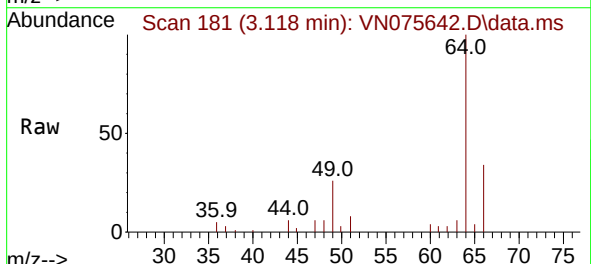
Tgt Ion: 94 Resp: 36350
Ion Ratio Lower Upper
94 100
96 94.0 71.8 107.6

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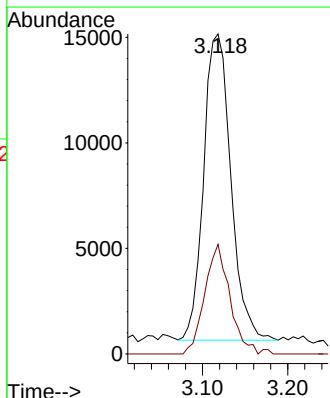
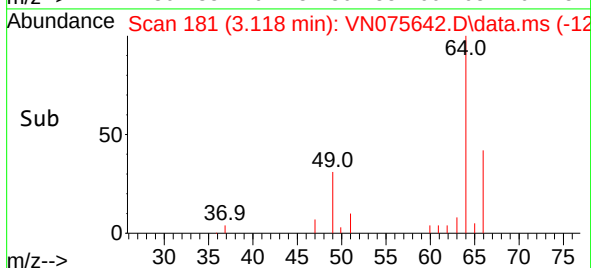
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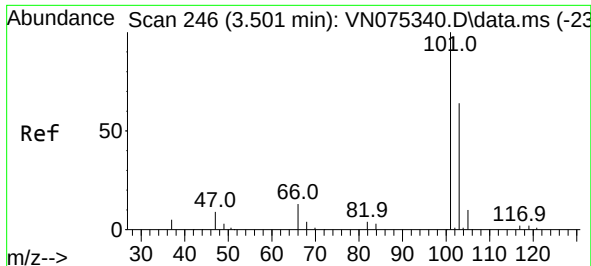


#6
Chloroethane
Concen: 19.637 ug/l
RT: 3.118 min Scan# 181
Delta R.T. 0.011 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56



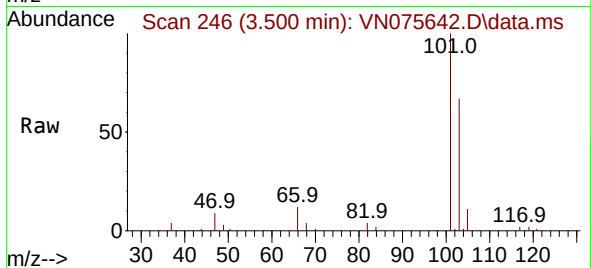
Tgt Ion: 64 Resp: 32217
Ion Ratio Lower Upper
64 100
66 35.8 23.8 35.8#





#7
Trichlorofluoromethane
Concen: 19.520 ug/l
RT: 3.500 min Scan# 246
Delta R.T. -0.001 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

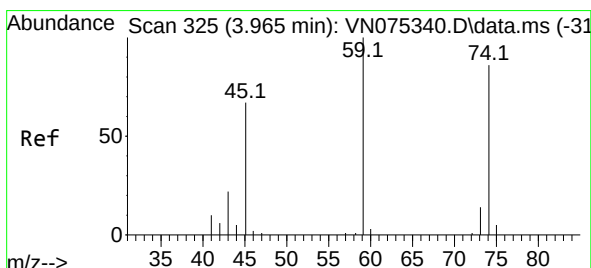
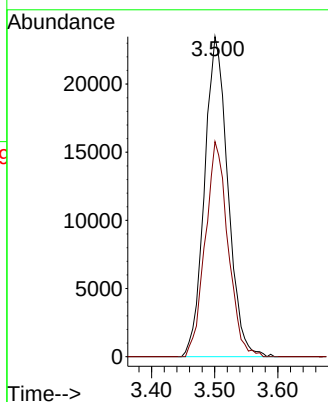
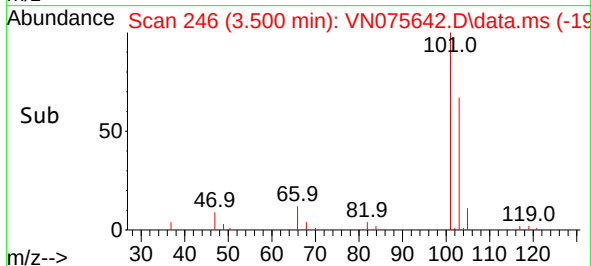
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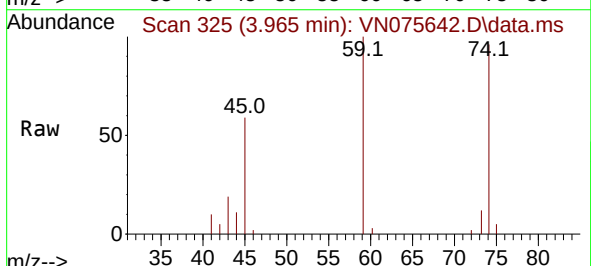
Tgt Ion:101 Resp: 60378
Ion Ratio Lower Upper
101 100
103 67.2 50.5 75.7

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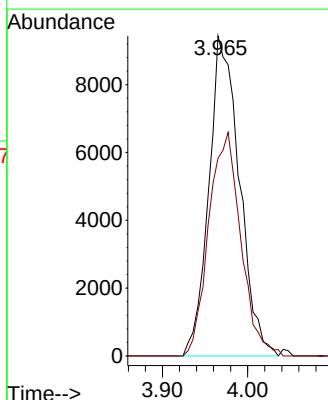
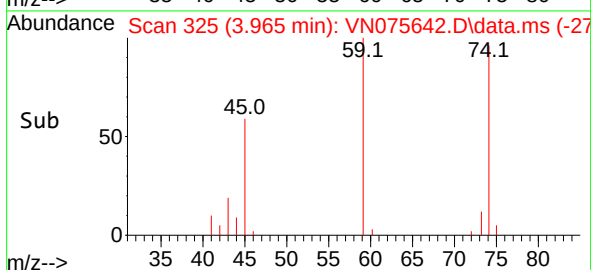
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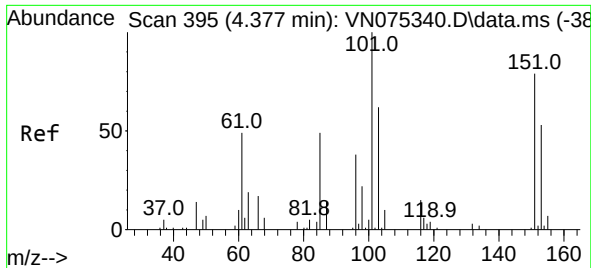


#8
Diethyl Ether
Concen: 21.692 ug/l
RT: 3.965 min Scan# 325
Delta R.T. 0.000 min
Lab File: VN075642.D
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Tgt Ion: 74 Resp: 23517
Ion Ratio Lower Upper
74 100
45 73.0 39.3 117.9





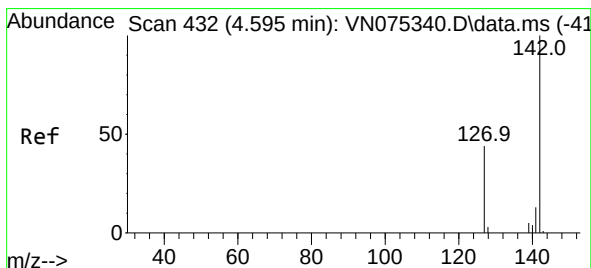
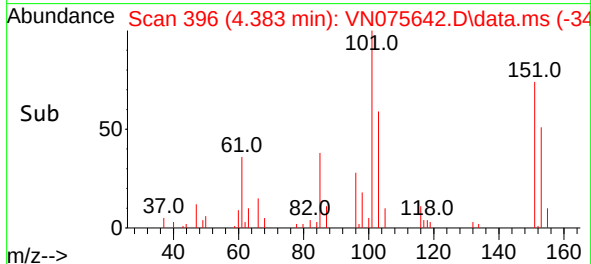
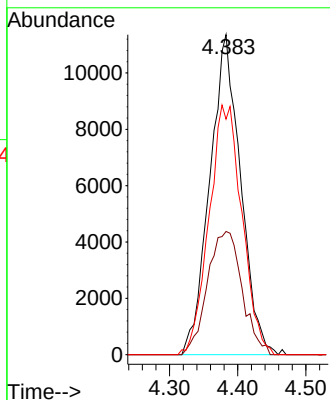
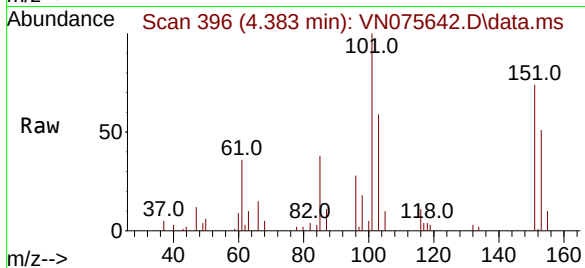
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.887 ug/l
RT: 4.383 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tgt Ion:101 Resp: 3566
Ion Ratio Lower Upper
101 100
85 43.3 37.6 56.4
151 83.5 58.3 87.5

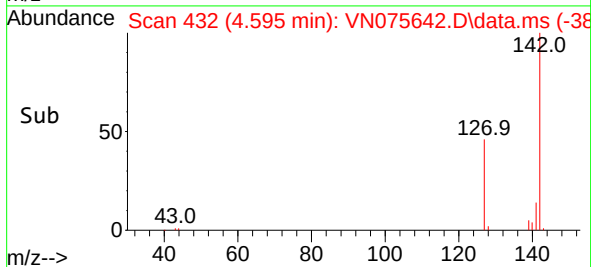
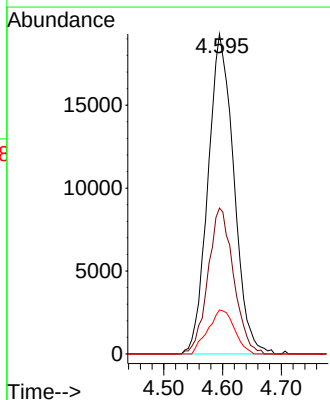
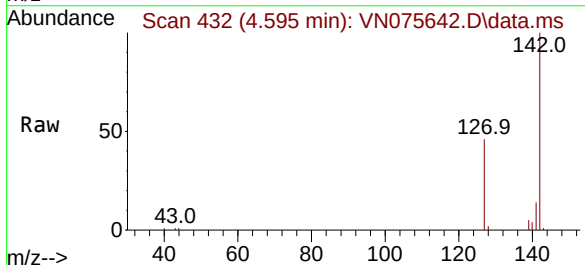
Manual Integrations
APPROVED

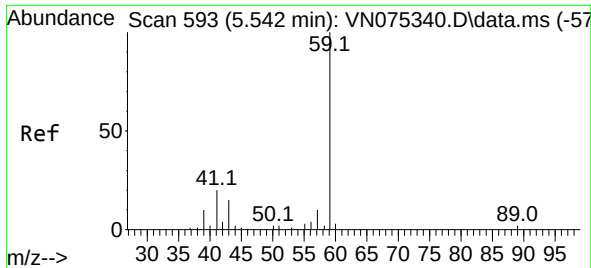
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#10
Methyl Iodide
Concen: 21.295 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

Tgt Ion:142 Resp: 58923
Ion Ratio Lower Upper
142 100
127 45.1 38.0 57.0
141 14.1 12.2 18.4





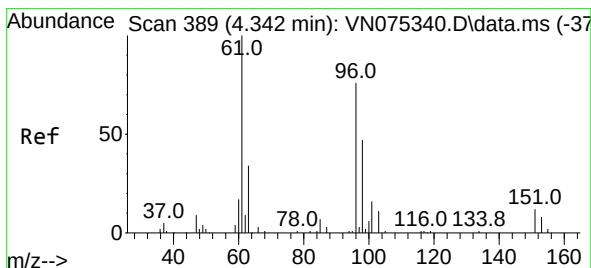
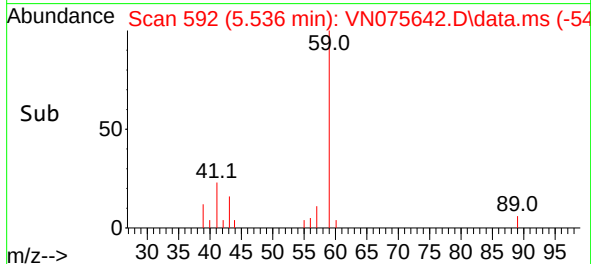
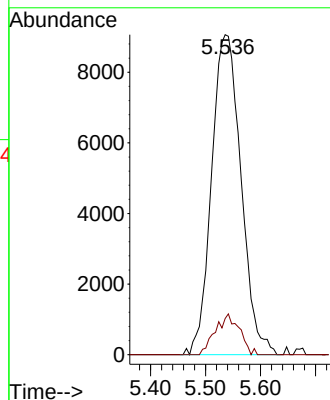
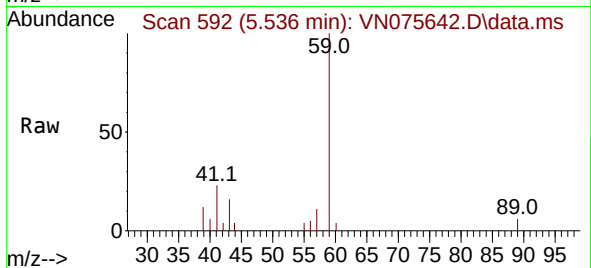
#11
Tert butyl alcohol
Concen: 82.922 ug/l
RT: 5.536 min Scan# 593
Delta R.T. -0.006 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tgt Ion: 59 Resp: 33739
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

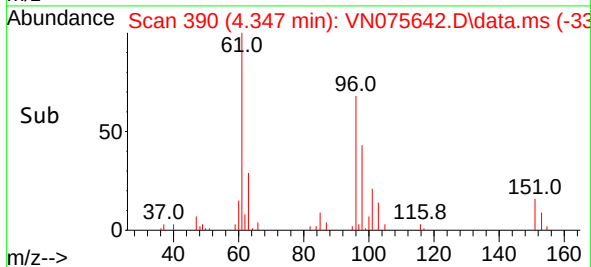
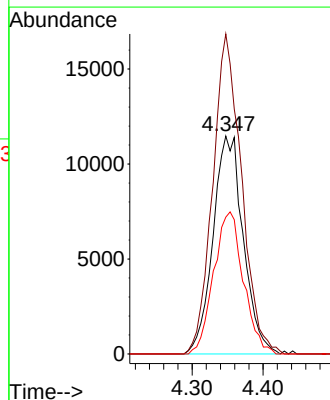
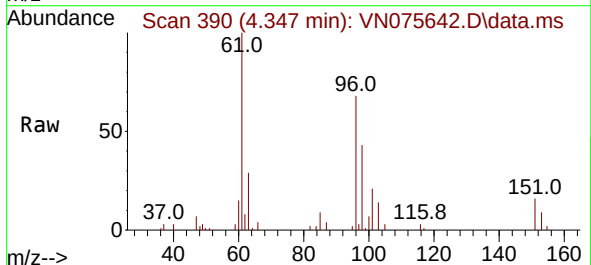
Manual Integrations
APPROVED

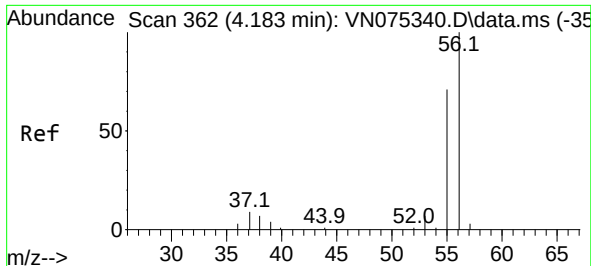
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#12
1,1-Dichloroethene
Concen: 20.301 ug/l
RT: 4.347 min Scan# 390
Delta R.T. 0.005 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

Tgt Ion: 96 Resp: 33946
Ion Ratio Lower Upper
96 100
61 146.8 126.2 189.4
98 62.8 51.5 77.3





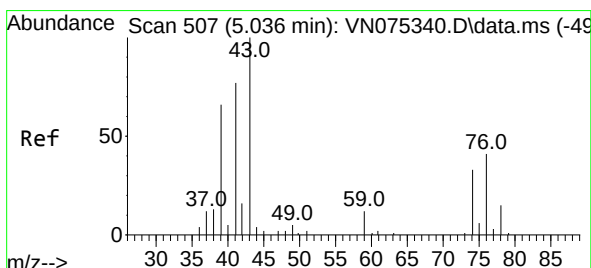
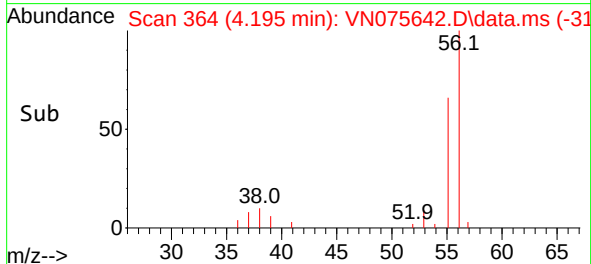
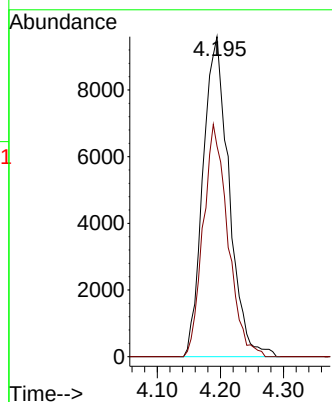
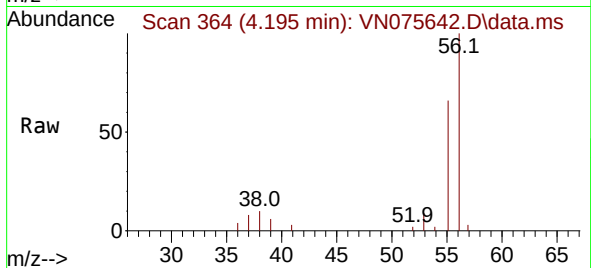
#13
Acrolein
Concen: 77.536 ug/l
RT: 4.195 min Scan# 30
Delta R.T. 0.012 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tgt Ion: 56 Resp: 2748
Ion Ratio Lower Upper
56 100
55 69.0 55.2 82.8

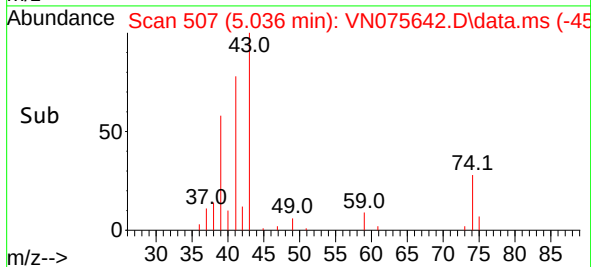
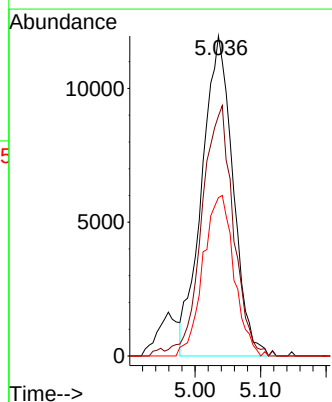
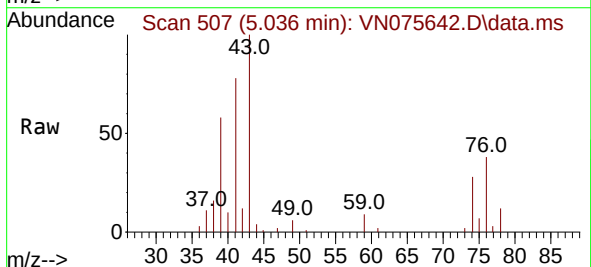
Manual Integrations
APPROVED

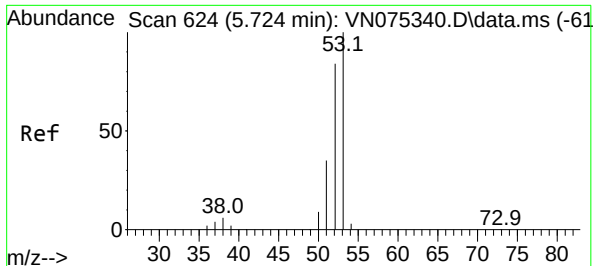
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#14
Allyl chloride
Concen: 18.238 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

Tgt Ion: 41 Resp: 39447
Ion Ratio Lower Upper
41 100
39 79.1 61.0 91.4
76 49.9 33.4 50.0





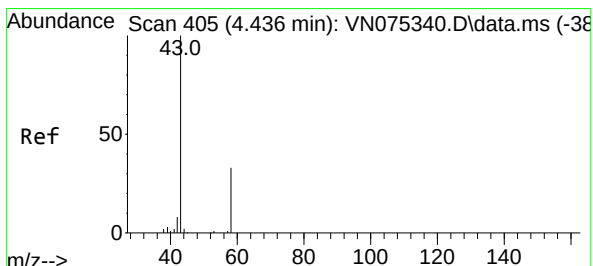
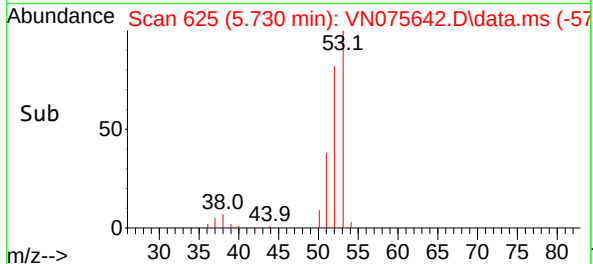
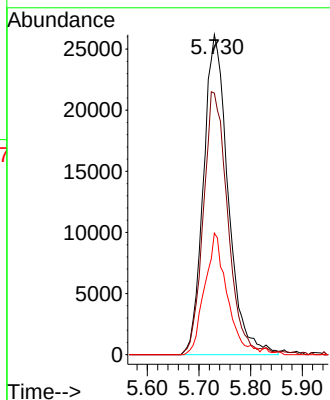
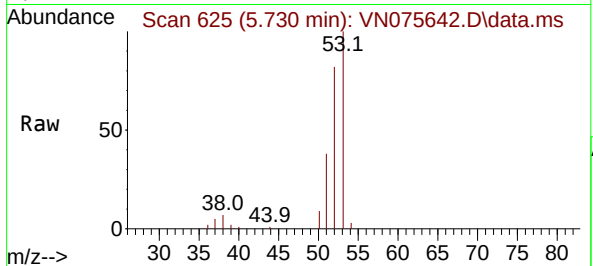
#15
Acrylonitrile
Concen: 93.180 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tgt Ion: 53 Resp: 8698
Ion Ratio Lower Upper
53 100
52 80.7 66.4 99.6
51 34.6 29.6 44.4

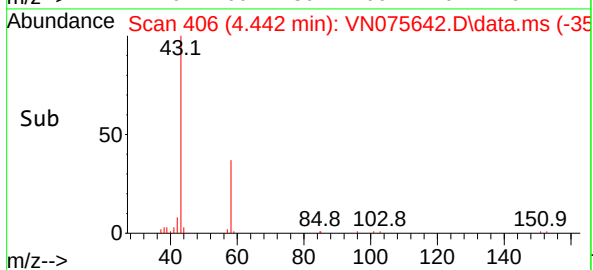
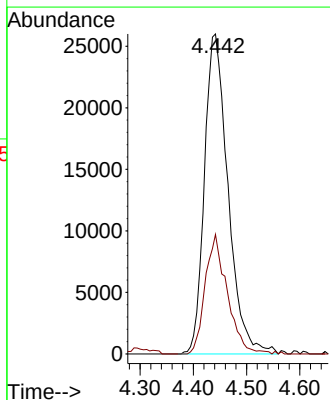
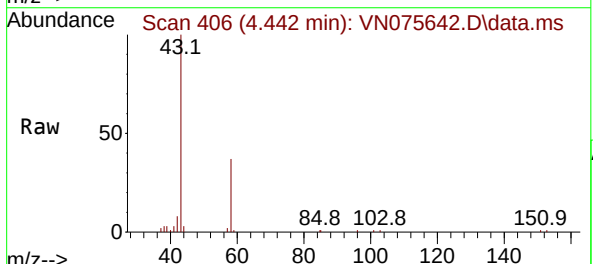
Manual Integrations
APPROVED

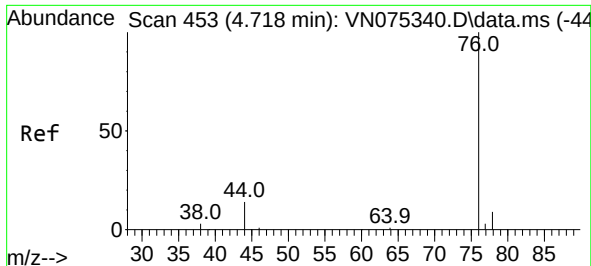
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#16
Acetone
Concen: 88.485 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

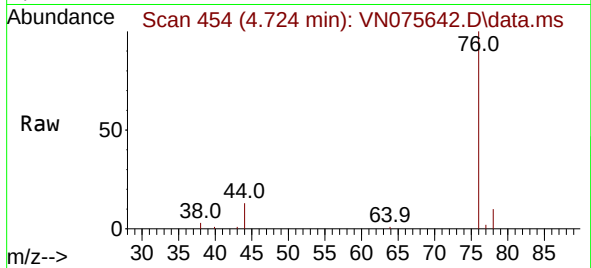
Tgt Ion: 43 Resp: 79996
Ion Ratio Lower Upper
43 100
58 37.3 25.5 38.3





#17
Carbon Disulfide
Concen: 19.263 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

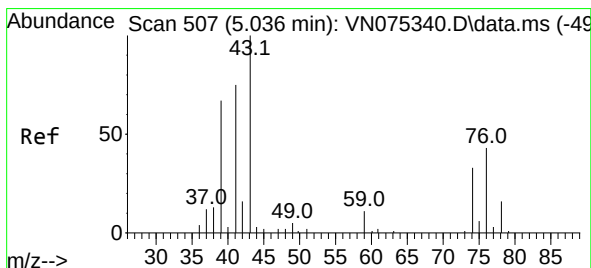
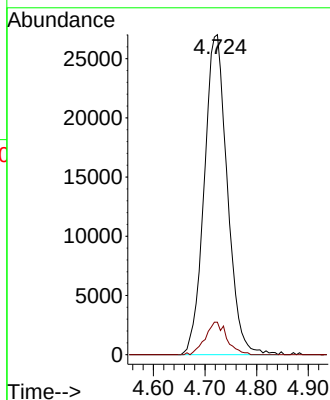
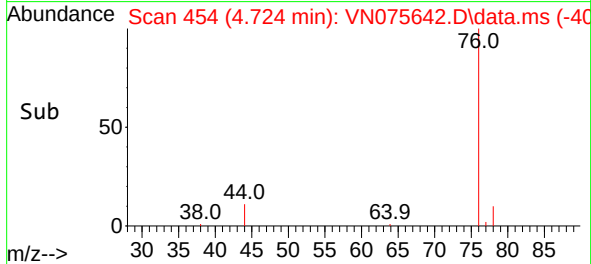
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



Tgt Ion: 76 Resp: 83708
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.2

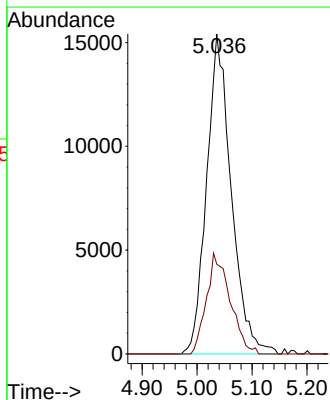
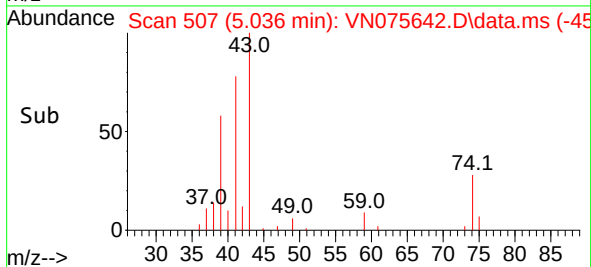
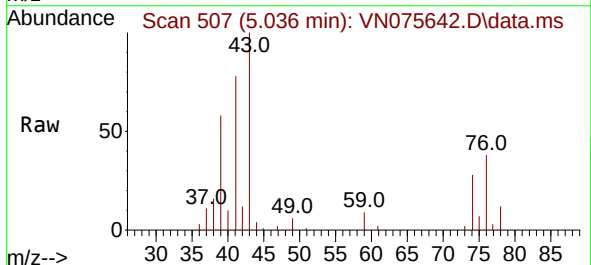
Manual Integrations
APPROVED

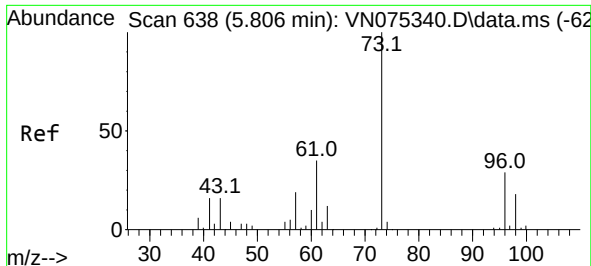
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#18
Methyl Acetate
Concen: 20.311 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

Tgt Ion: 43 Resp: 48045
Ion Ratio Lower Upper
43 100
74 30.3 22.0 33.0





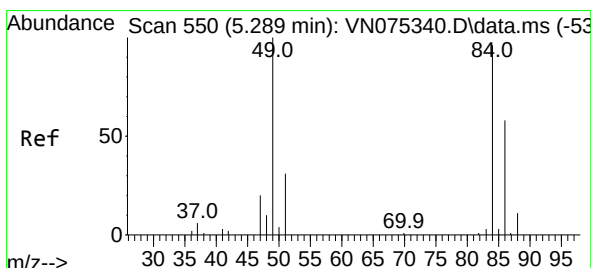
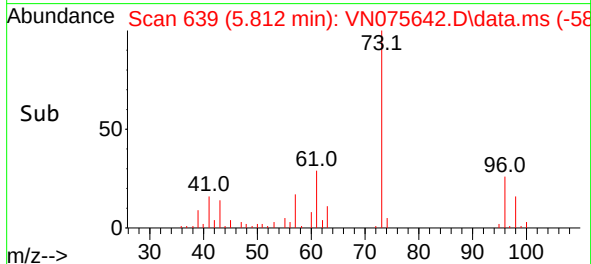
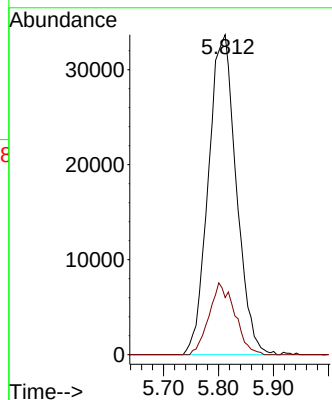
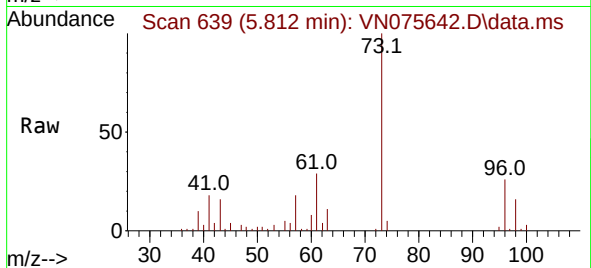
#19
Methyl tert-butyl Ether
Concen: 20.053 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tgt Ion: 73 Resp: 118784
Ion Ratio Lower Upper
73 100
57 17.9 16.3 24.5

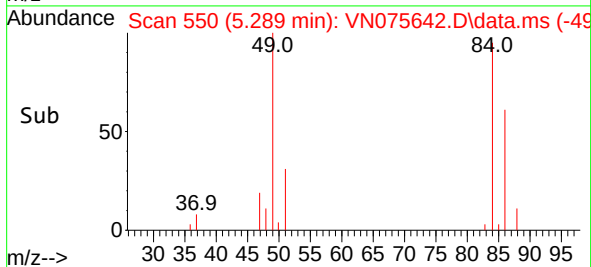
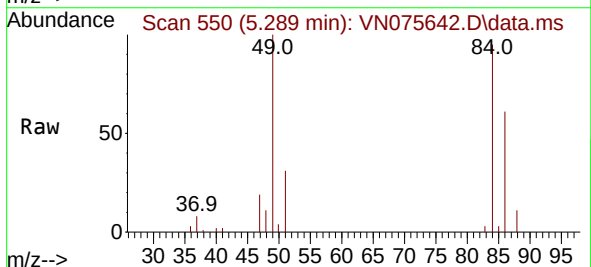
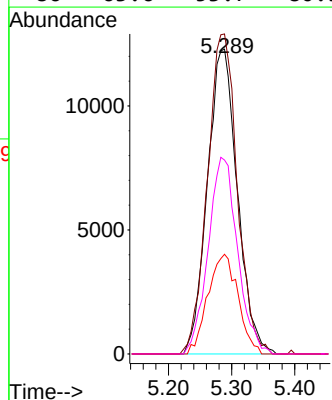
Manual Integrations
APPROVED

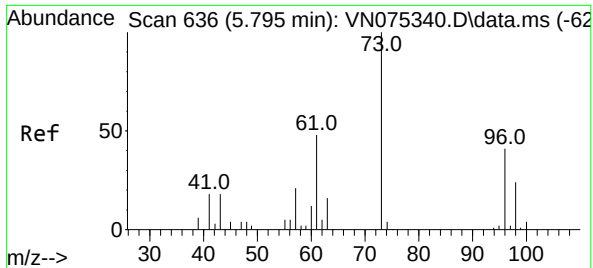
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#20
Methylene Chloride
Concen: 21.358 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

Tgt Ion: 84 Resp: 40499
Ion Ratio Lower Upper
84 100
49 105.0 94.9 142.3
51 32.7 26.8 40.2
86 63.6 53.7 80.5





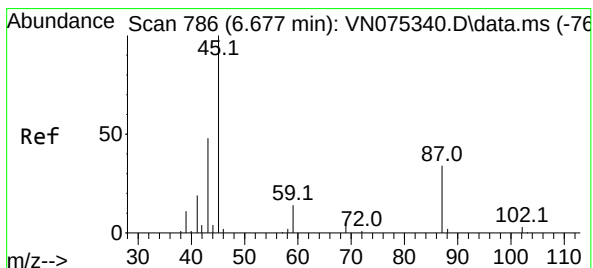
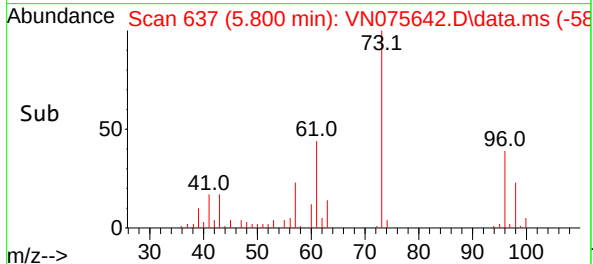
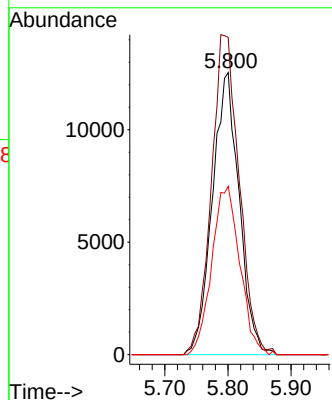
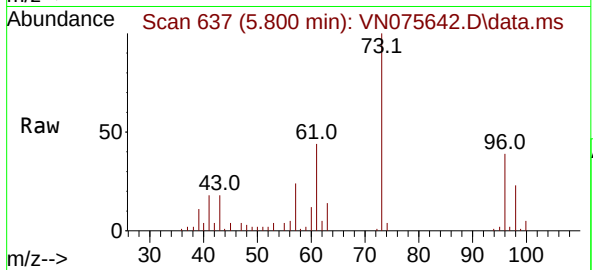
#21
trans-1,2-Dichloroethene
Concen: 19.395 ug/l
RT: 5.800 min Scan# 612
Delta R.T. 0.005 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tgt Ion: 96 Resp: 36960
Ion Ratio Lower Upper
96 100
61 112.5 99.9 149.9
98 59.6 51.5 77.3

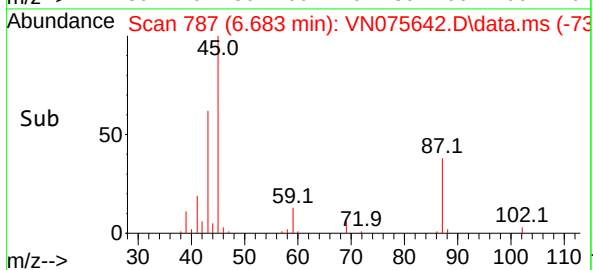
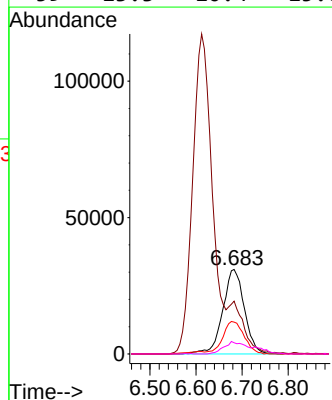
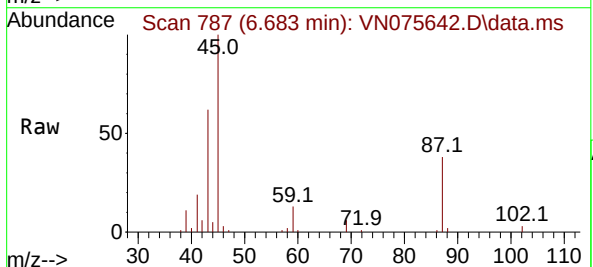
Manual Integrations
APPROVED

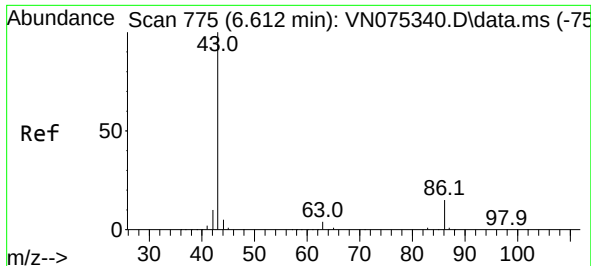
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#22
Diisopropyl ether
Concen: 20.404 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.006 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

Tgt Ion: 45 Resp: 100708
Ion Ratio Lower Upper
45 100
43 61.2 42.8 64.2
87 37.6 28.4 42.6
59 13.3 10.4 15.6





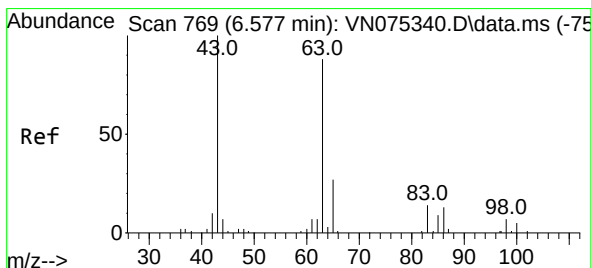
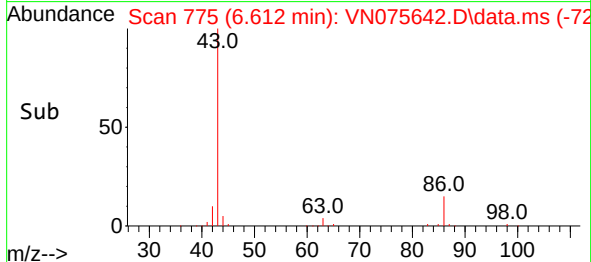
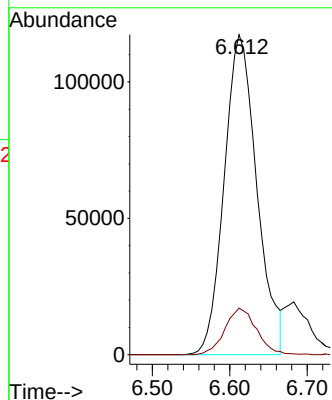
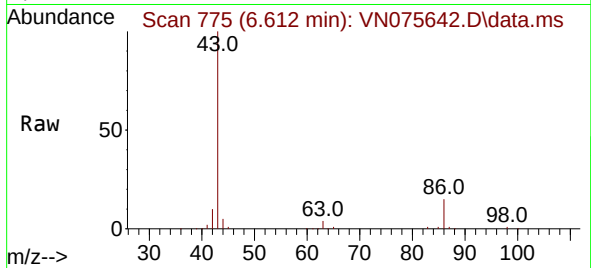
#23
 Vinyl Acetate
 Concen: 87.750 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075642.D
 Acq: 08 Dec 2022 12:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD02

Tgt Ion: 43 Resp: 34456
 Ion Ratio Lower Upper
 43 100
 86 14.5 10.7 16.1

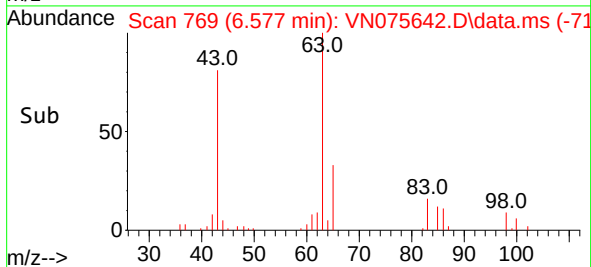
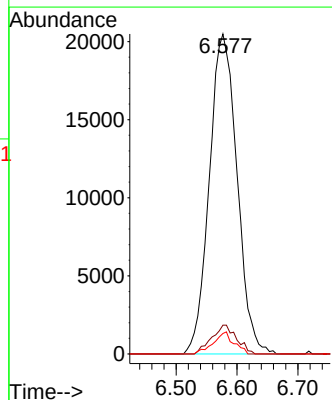
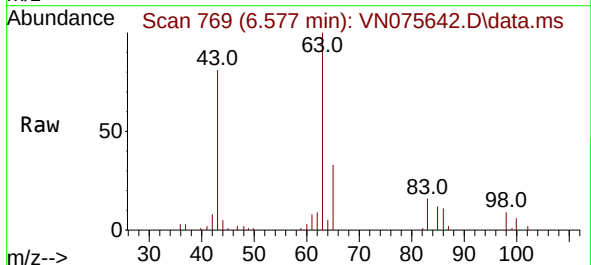
Manual Integrations
 APPROVED

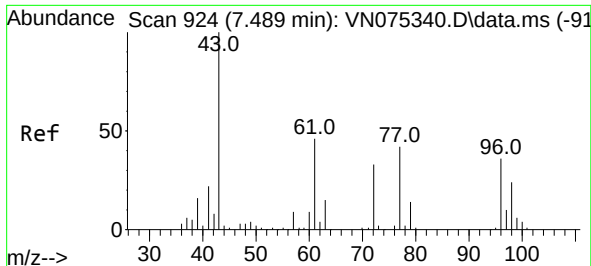
Reviewed By :John Carlone 12/09/2022
 Supervised By :Mahesh Dadoda 12/09/2022



#24
 1,1-Dichloroethane
 Concen: 20.455 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075642.D
 Acq: 08 Dec 2022 12:56

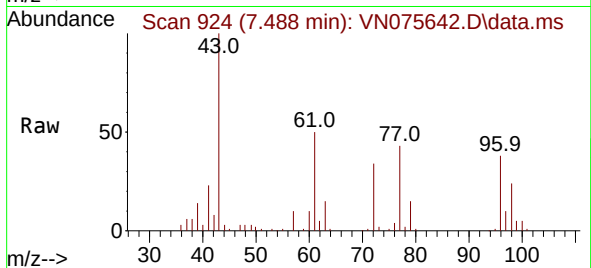
Tgt Ion: 63 Resp: 64803
 Ion Ratio Lower Upper
 63 100
 98 9.0 3.6 10.8
 100 6.4 2.4 7.2





#25
2-Butanone
Concen: 87.746 ug/l
RT: 7.488 min Scan# 912
Delta R.T. -0.001 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

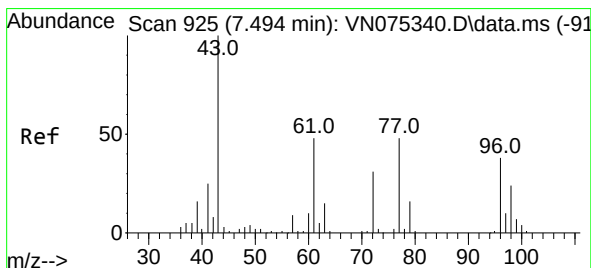
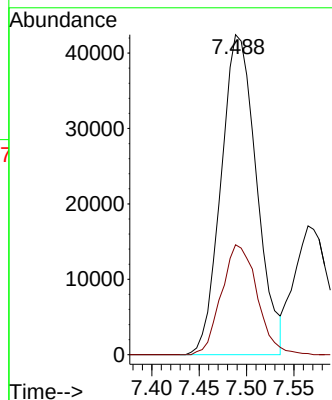
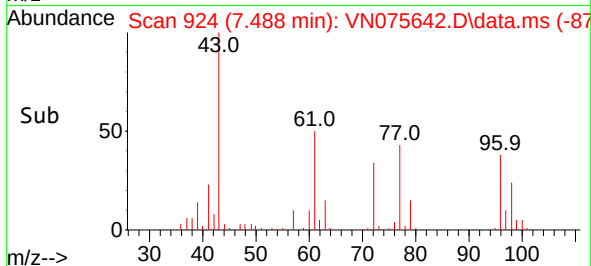
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



Tgt Ion: 43 Resp: 11075
Ion Ratio Lower Upper
43 100
72 34.3 25.5 38.3

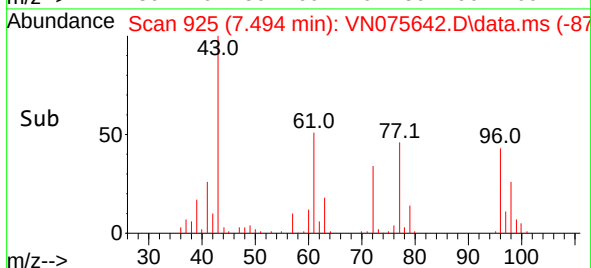
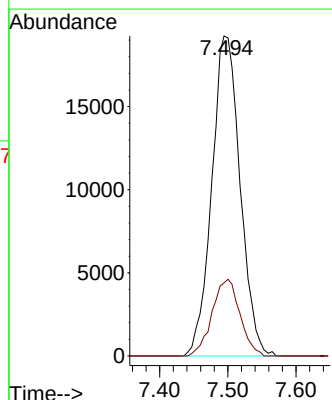
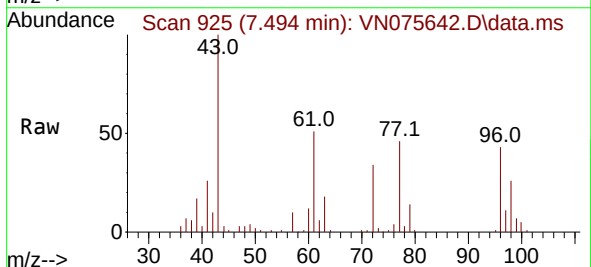
Manual Integrations
APPROVED

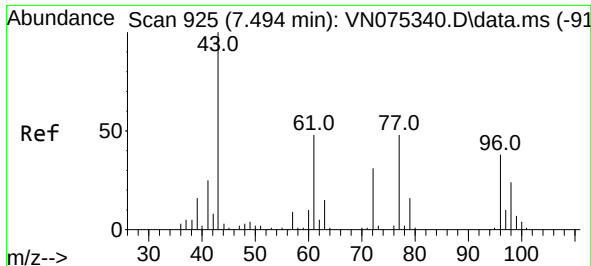
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#26
2,2-Dichloropropane
Concen: 18.912 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

Tgt Ion: 77 Resp: 55684
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 21.656 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075642.D

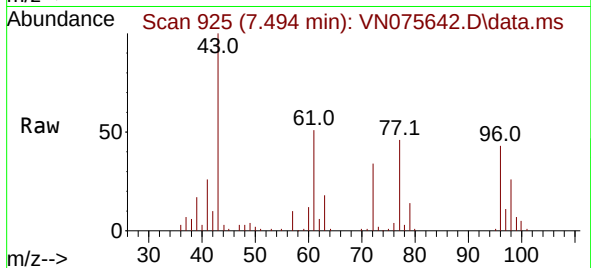
Acq: 08 Dec 2022 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD02



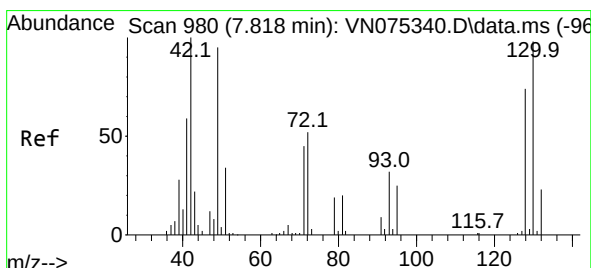
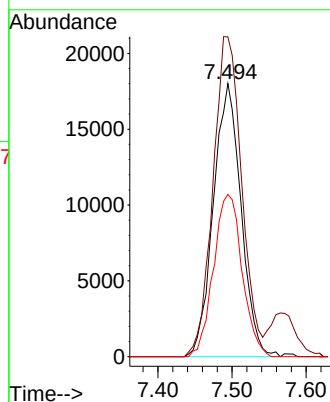
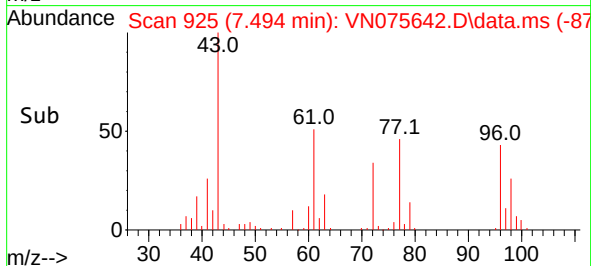
Tgt Ion:	96	Resp:	46664
Ion	Ratio	Lower	Upper
96	100		
61	121.6	0.0	278.8
98	61.5	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#28

Bromochloromethane

Concen: 19.520 ug/l

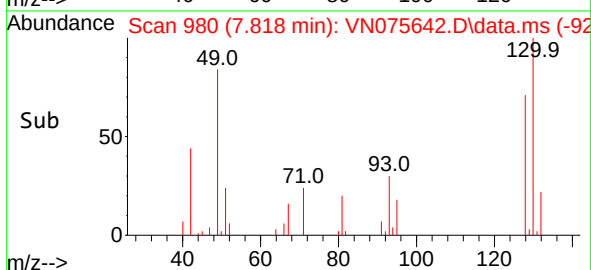
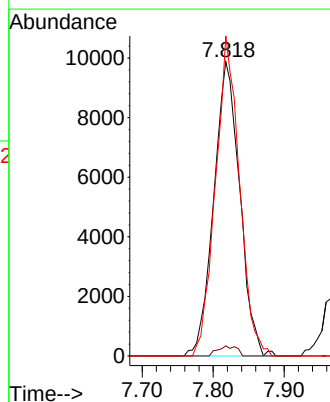
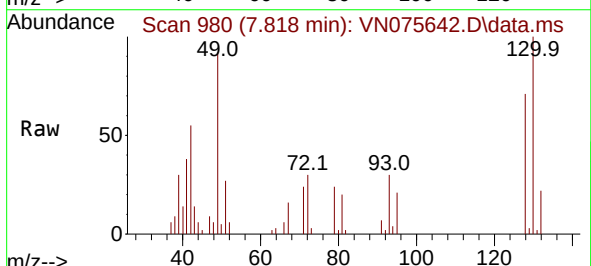
RT: 7.818 min Scan# 980

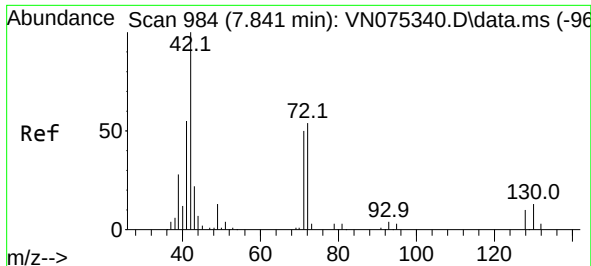
Delta R.T. -0.000 min

Lab File: VN075642.D

Acq: 08 Dec 2022 12:56

Tgt Ion:	49	Resp:	25103
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	100.5	66.2	99.4





#29

Tetrahydrofuran

Concen: 86.793 ug/l

RT: 7.847 min Scan# 984

Delta R.T. 0.006 min

Lab File: VN075642.D

Acq: 08 Dec 2022 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD02

Tgt Ion: 42 Resp: 6663

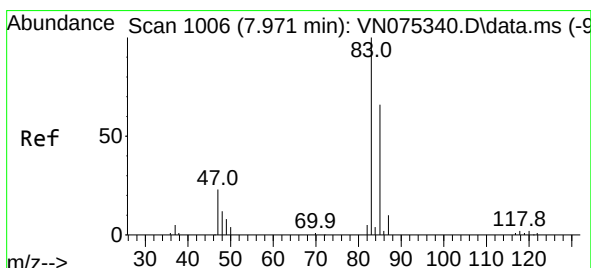
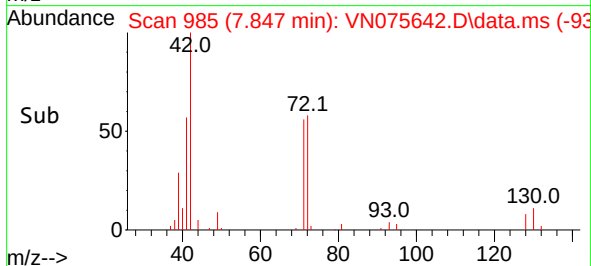
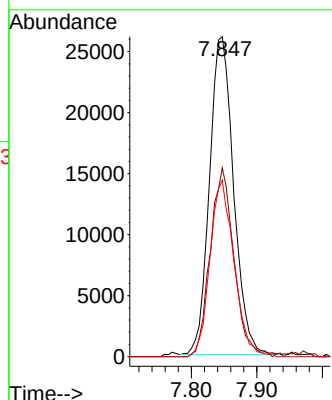
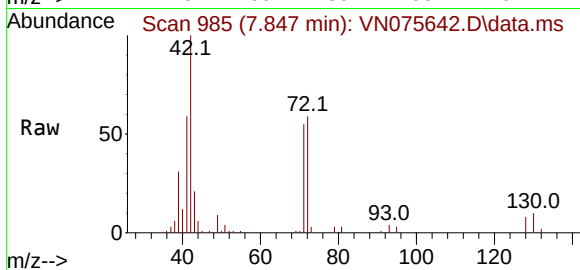
Ion	Ratio	Lower	Upper
42	100		
72	58.2	43.0	64.6
71	55.2	39.9	59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#30

Chloroform

Concen: 19.960 ug/l

RT: 7.971 min Scan# 1006

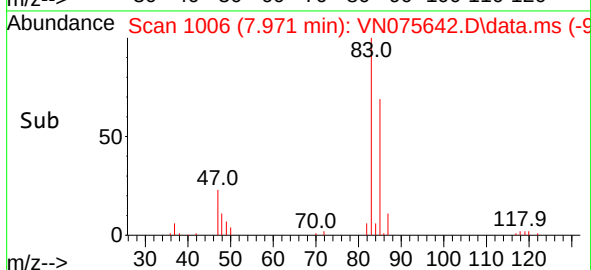
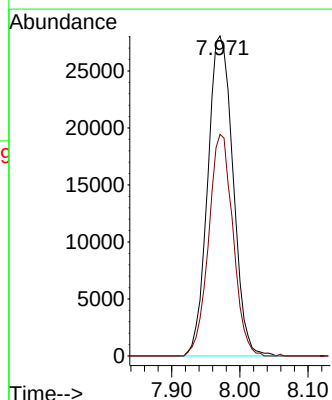
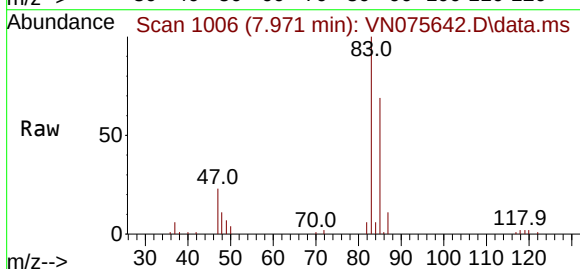
Delta R.T. -0.000 min

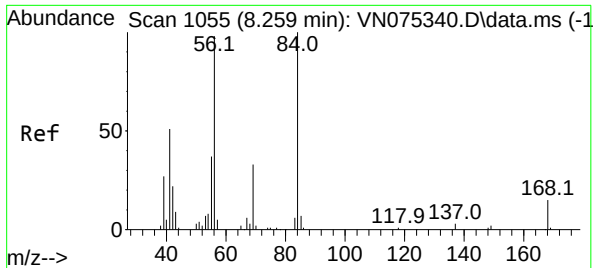
Lab File: VN075642.D

Acq: 08 Dec 2022 12:56

Tgt Ion: 83 Resp: 72618

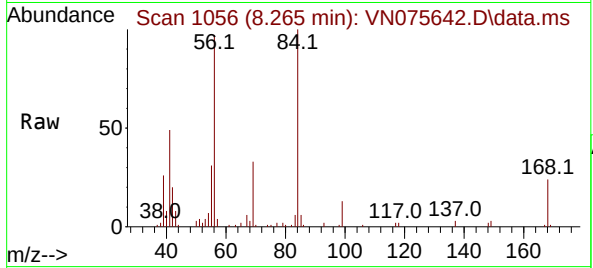
Ion	Ratio	Lower	Upper
83	100		
85	69.3	51.4	77.0





#31
Cyclohexane
Concen: 18.425 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

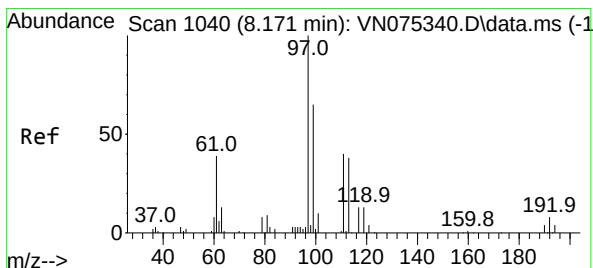
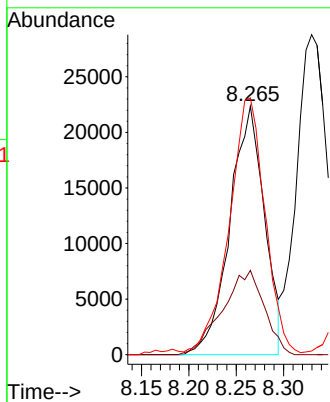
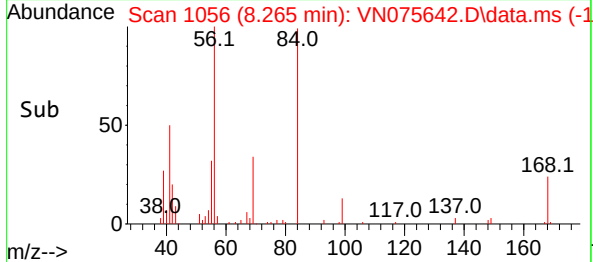
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



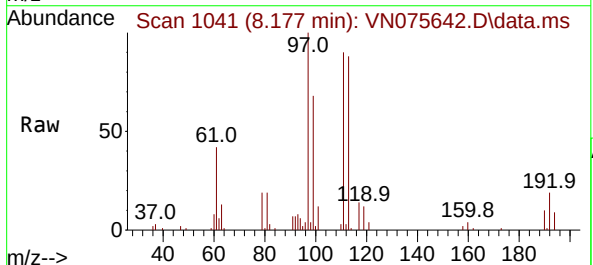
Tgt Ion: 56 Resp: 5673
Ion Ratio Lower Upper
56 100
69 33.9 25.2 37.8
84 101.9 77.8 116.8

Manual Integrations
APPROVED

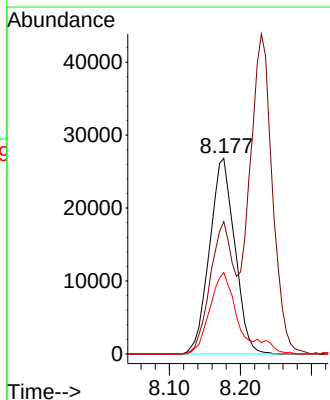
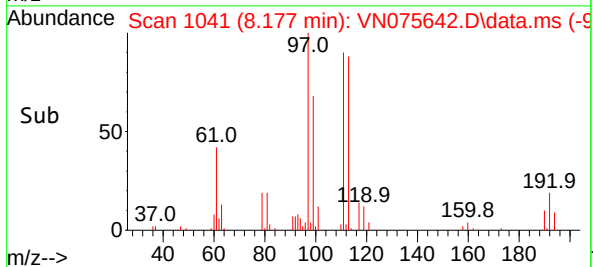
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

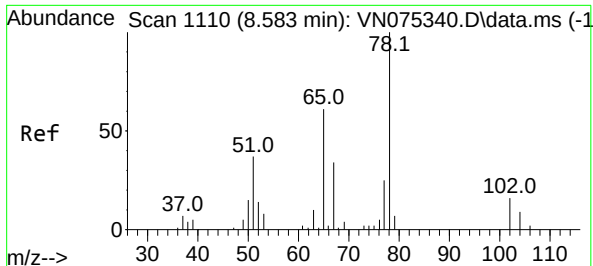


#32
1,1,1-Trichloroethane
Concen: 20.064 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56



Tgt Ion: 97 Resp: 66279
Ion Ratio Lower Upper
97 100
99 61.5 50.2 75.2
61 42.4 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 48.184 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075642.D

Acq: 08 Dec 2022 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD02

Tgt Ion: 65 Resp: 46702

Ion Ratio Lower Upper

65 100

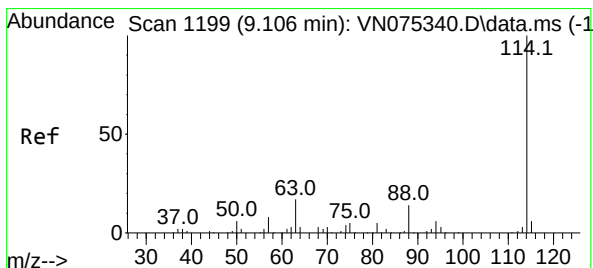
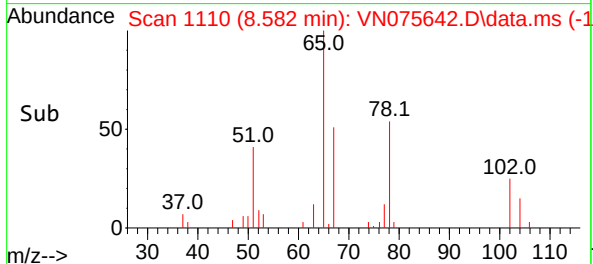
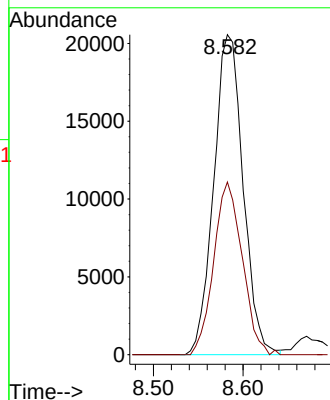
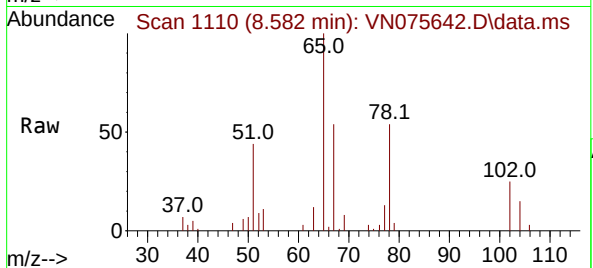
67 52.4 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075642.D

Acq: 08 Dec 2022 12:56

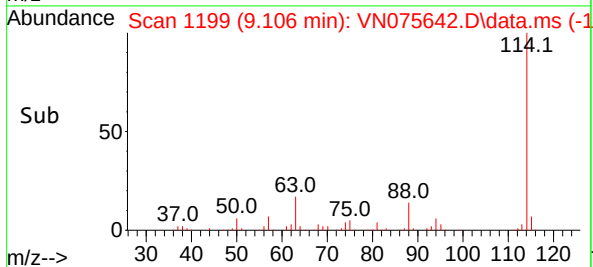
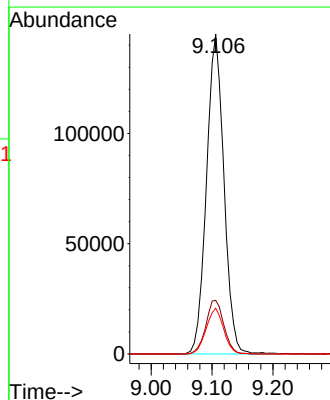
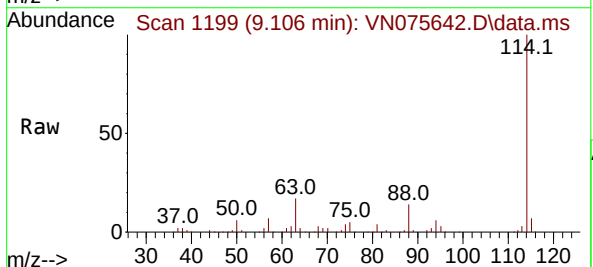
Tgt Ion:114 Resp: 288636

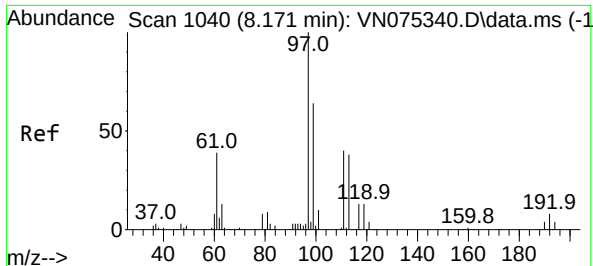
Ion Ratio Lower Upper

114 100

63 16.8 0.0 39.6

88 14.3 0.0 29.0





#35

Dibromofluoromethane

Concen: 53.521 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075642.D

Acq: 08 Dec 2022 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD02

Tgt Ion: 113 Resp: 6068

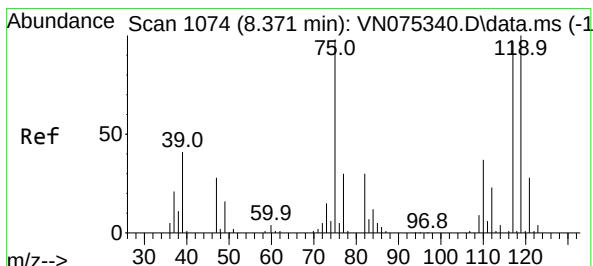
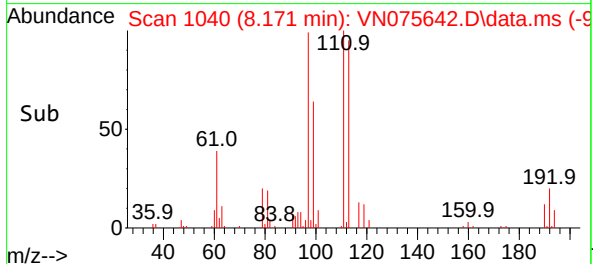
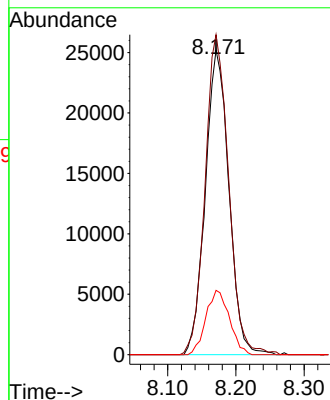
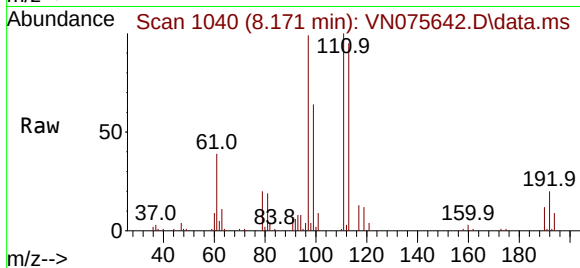
Ion	Ratio	Lower	Upper
113	100		
111	104.8	80.5	120.7
192	21.0	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#36

1,1-Dichloropropene

Concen: 20.930 ug/l

RT: 8.377 min Scan# 1075

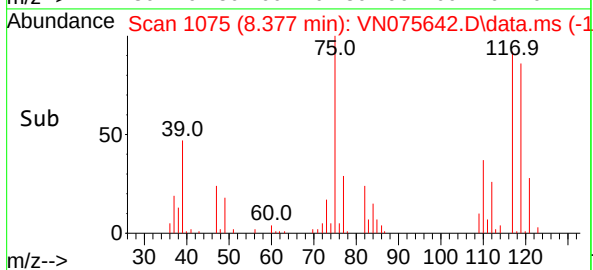
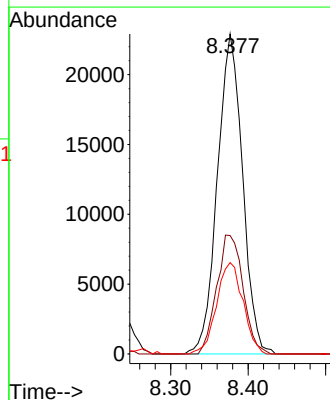
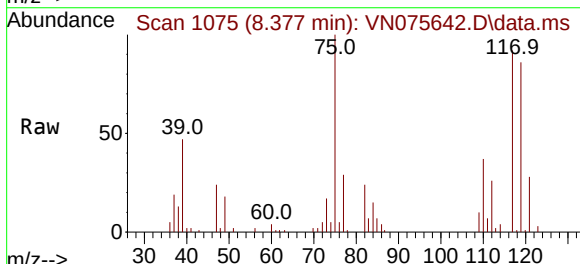
Delta R.T. 0.006 min

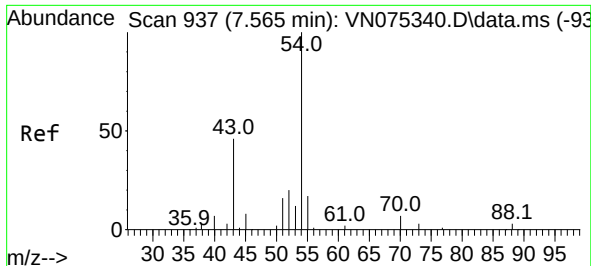
Lab File: VN075642.D

Acq: 08 Dec 2022 12:56

Tgt Ion: 75 Resp: 51753

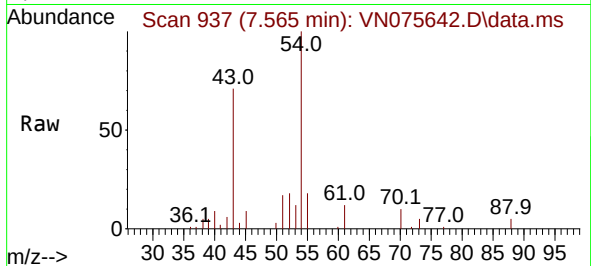
Ion	Ratio	Lower	Upper
75	100		
110	38.8	17.8	53.3
77	30.0	24.6	37.0





#37
Ethyl Acetate
Concen: 19.725 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

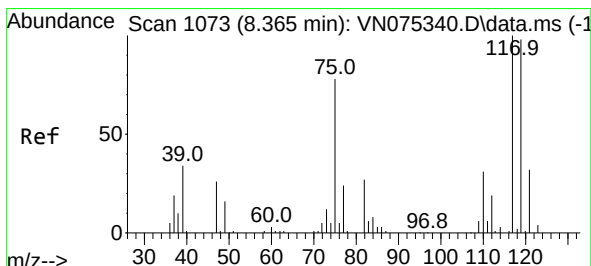
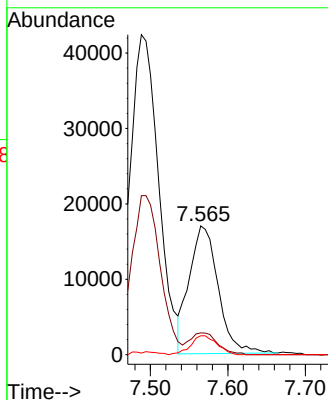
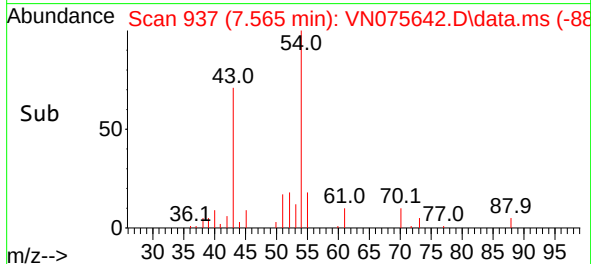
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



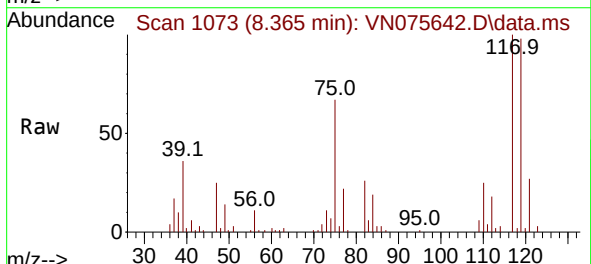
Tgt Ion: 43 Resp: 4391
Ion Ratio Lower Upper
43 100
61 16.4 12.2 18.4
70 13.4 9.4 14.2

Manual Integrations
APPROVED

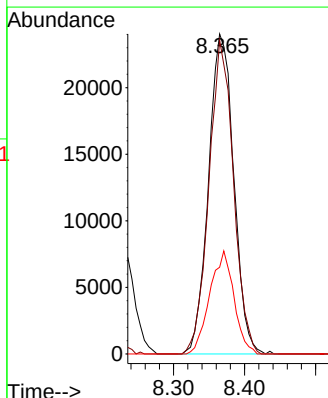
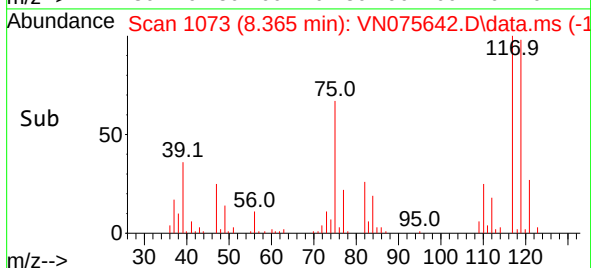
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

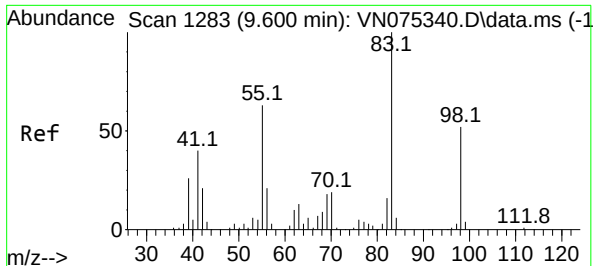


#38
Carbon Tetrachloride
Concen: 21.835 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56



Tgt Ion:117 Resp: 59310
Ion Ratio Lower Upper
117 100
119 98.0 76.7 115.1
121 27.1 23.9 35.9





#39

Methylcyclohexane

Concen: 20.846 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075642.D

Acq: 08 Dec 2022 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD02

Tgt Ion: 83 Resp: 64512

Ion Ratio Lower Upper

83 100

55 66.3 53.6 80.4

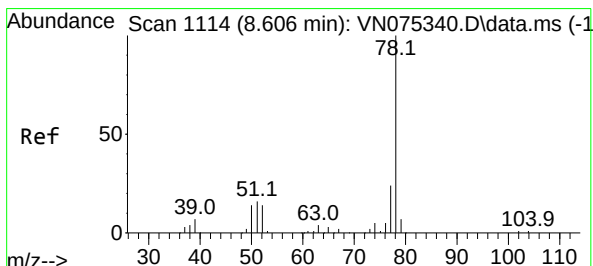
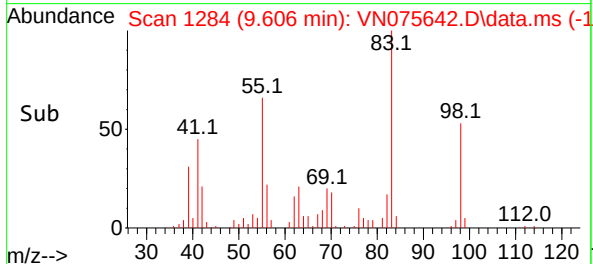
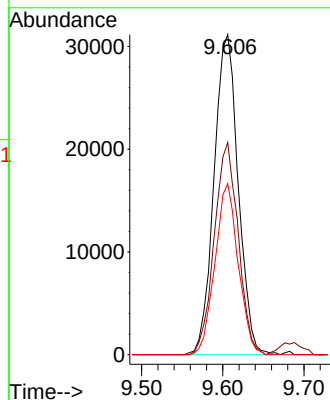
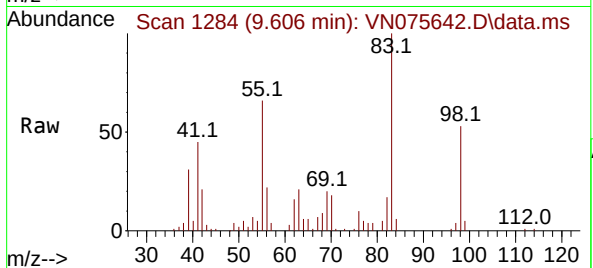
98 53.4 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#40

Benzene

Concen: 21.395 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075642.D

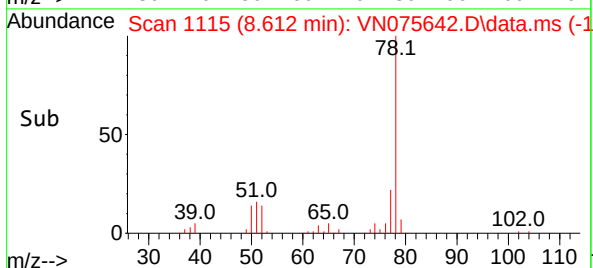
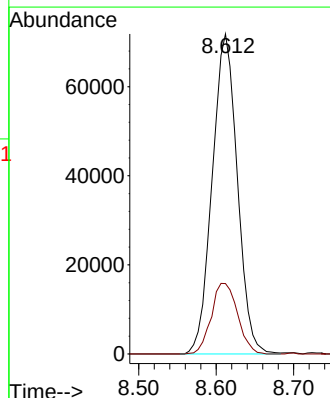
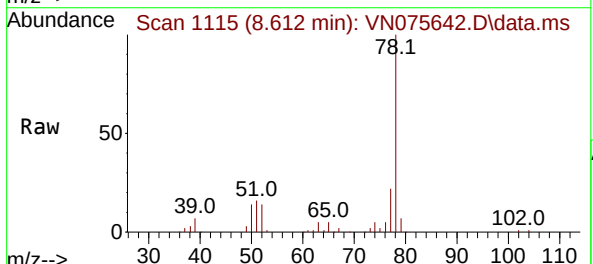
Acq: 08 Dec 2022 12:56

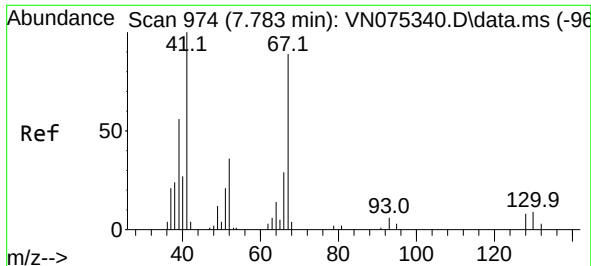
Tgt Ion: 78 Resp: 161972

Ion Ratio Lower Upper

78 100

77 22.0 19.4 29.0





#41
Methacrylonitrile
Concen: 21.164 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.005 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

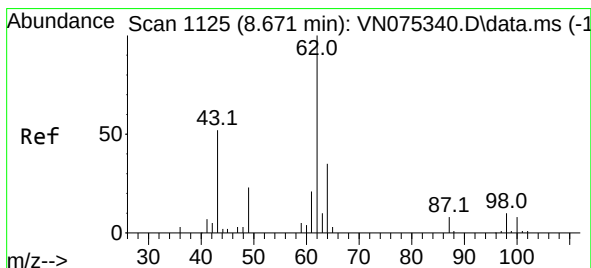
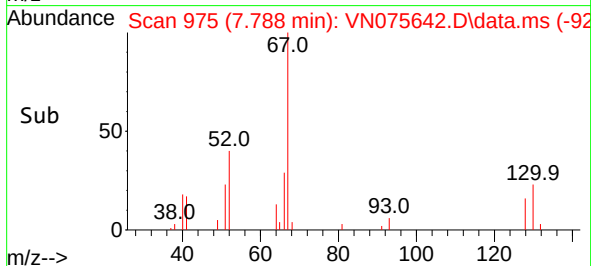
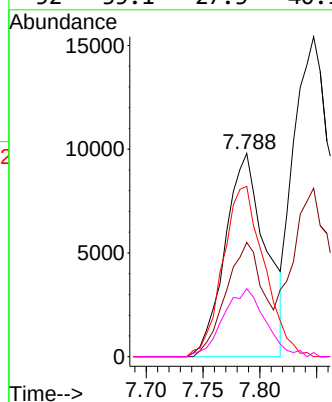
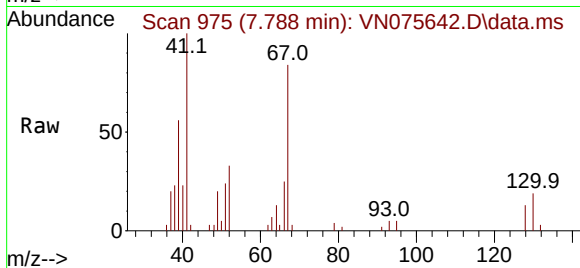
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tgt Ion: 41 Resp: 2409

Ion	Ratio	Lower	Upper
41	100		
39	52.5	44.4	66.6
67	86.1	69.8	104.6
52	35.1	27.3	40.9

Manual Integrations
APPROVED

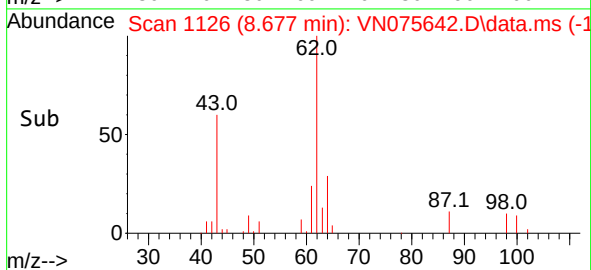
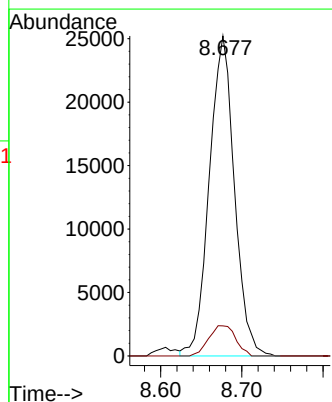
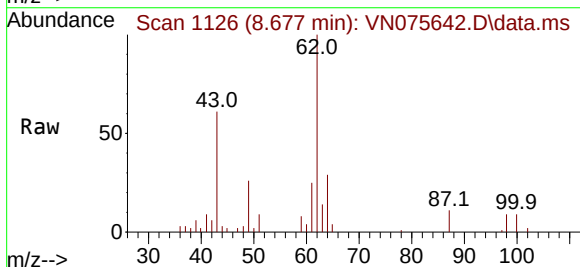
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

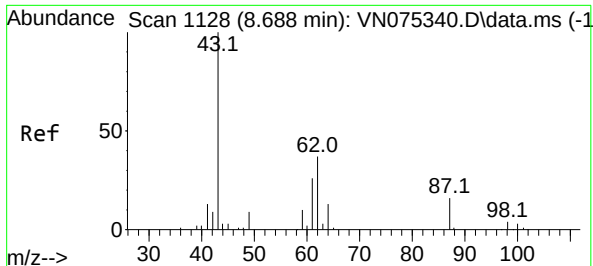


#42
1,2-Dichloroethane
Concen: 21.375 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

Tgt Ion: 62 Resp: 54196

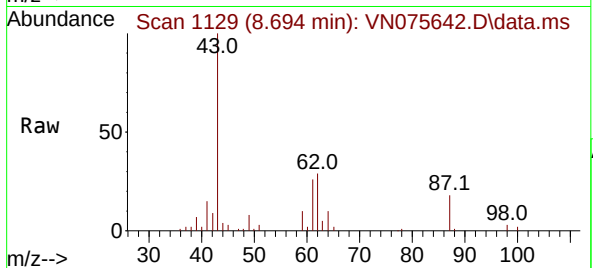
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	18.2





#43
Isopropyl Acetate
Concen: 21.208 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

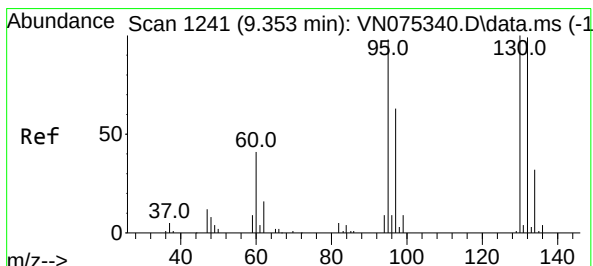
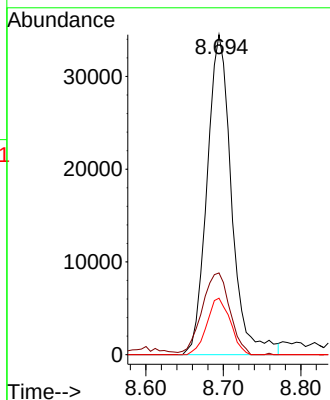
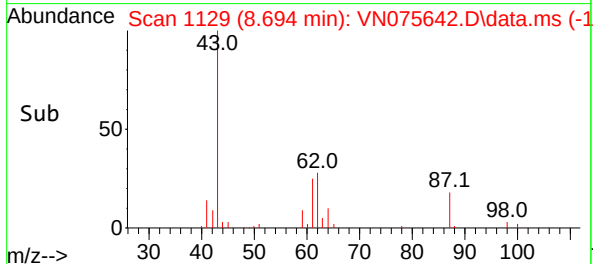
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



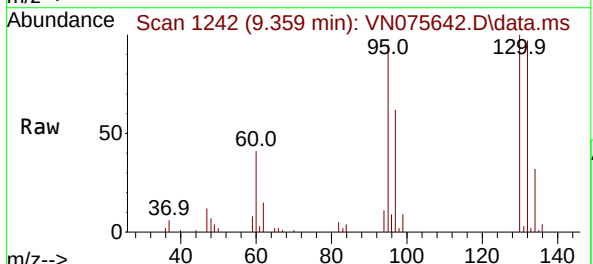
Tgt Ion: 43 Resp: 7579
Ion Ratio Lower Upper
43 100
61 28.9 22.4 33.6
87 16.9 12.5 18.7

Manual Integrations
APPROVED

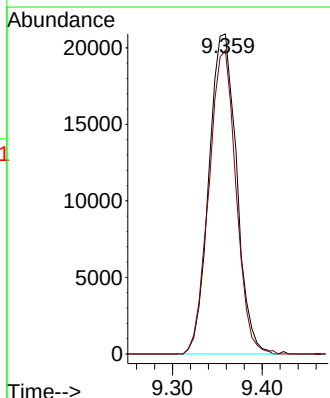
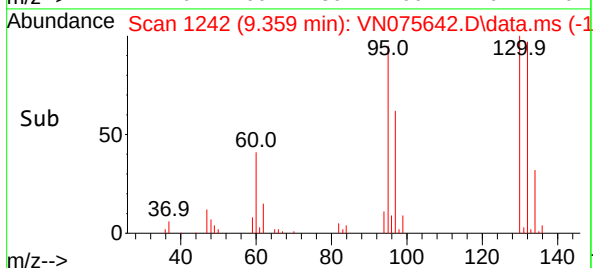
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

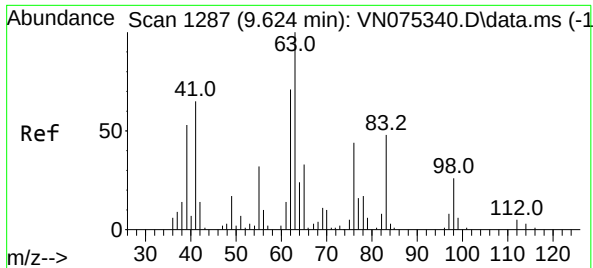


#44
Trichloroethene
Concen: 21.558 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56



Tgt Ion:130 Resp: 44658
Ion Ratio Lower Upper
130 100
95 94.9 0.0 198.4





#45

1,2-Dichloropropane

Concen: 20.944 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075642.D

Acq: 08 Dec 2022 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD02

Tgt Ion: 63 Resp: 3778

Ion Ratio Lower Upper

63 100

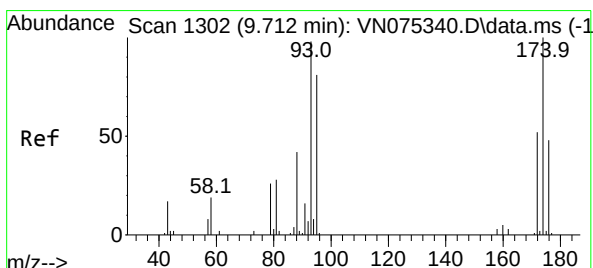
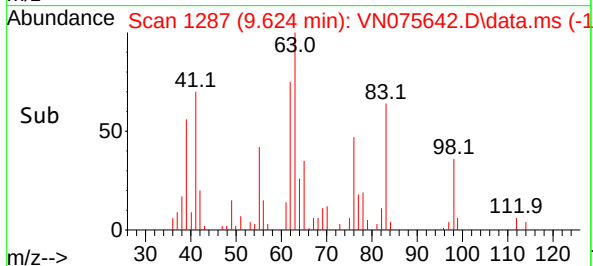
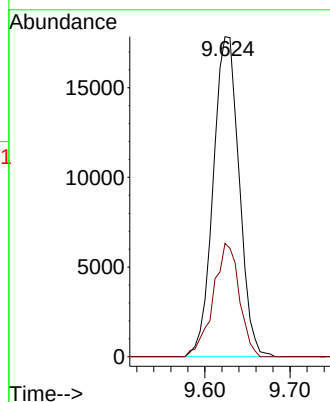
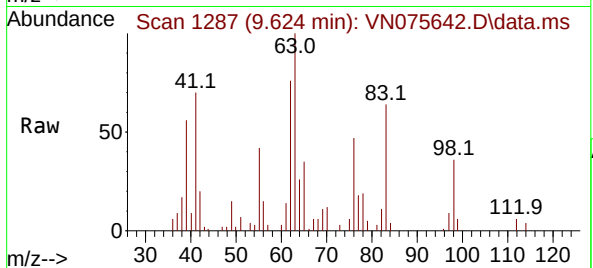
65 35.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#46

Dibromomethane

Concen: 21.328 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075642.D

Acq: 08 Dec 2022 12:56

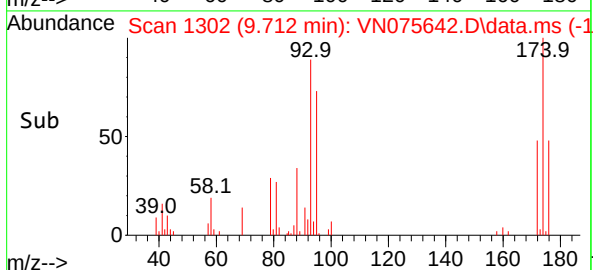
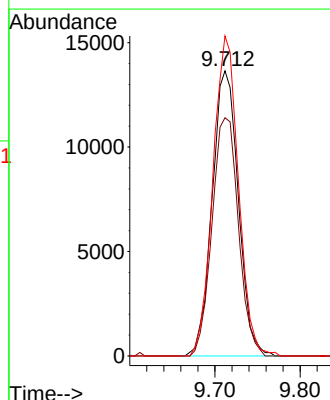
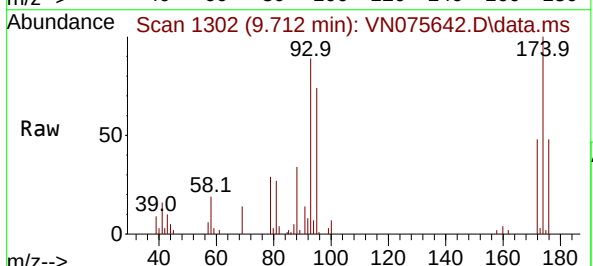
Tgt Ion: 93 Resp: 29104

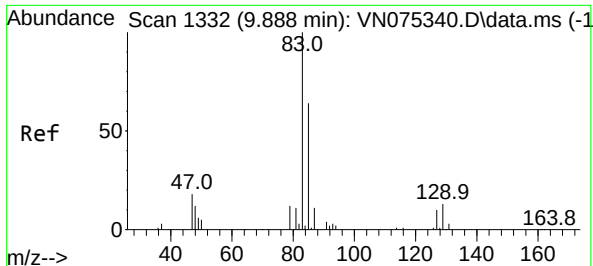
Ion Ratio Lower Upper

93 100

95 84.2 66.6 99.8

174 109.1 70.3 105.5





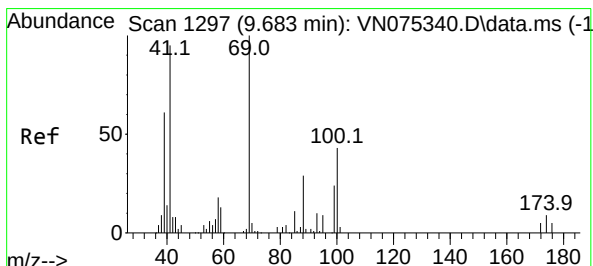
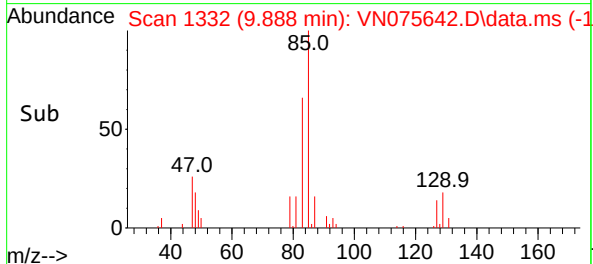
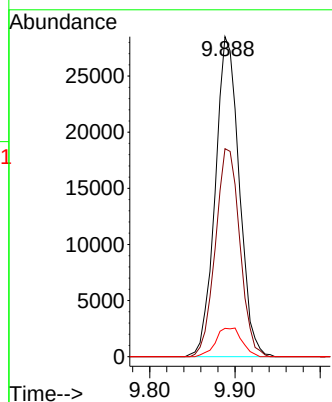
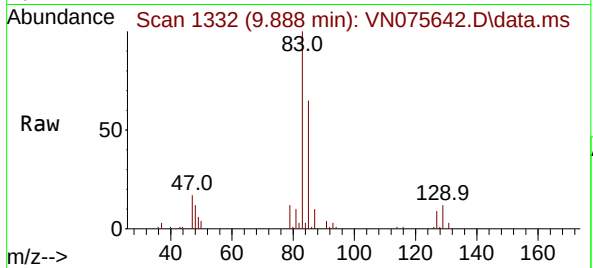
#47
Bromodichloromethane
Concen: 21.090 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tgt Ion: 83 Resp: 5573
Ion Ratio Lower Upper
83 100
85 65.0 52.1 78.1
127 8.8 6.6 10.0

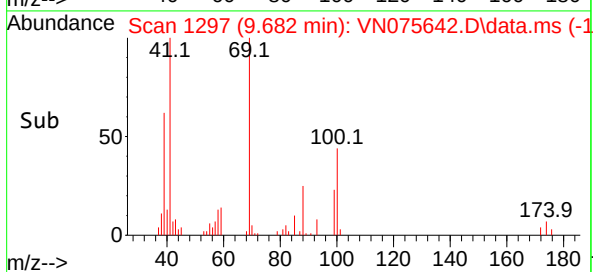
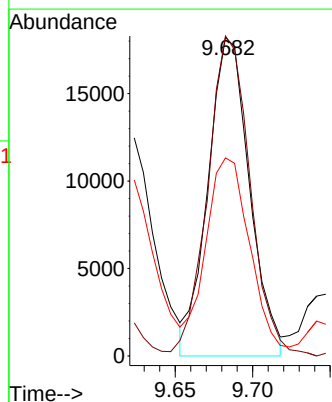
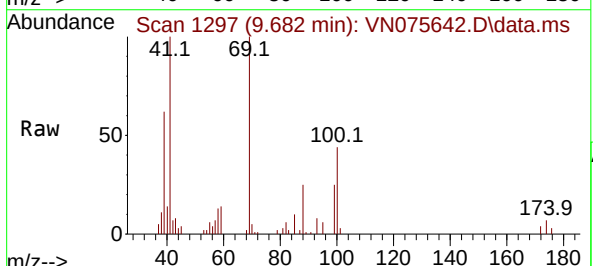
Manual Integrations
APPROVED

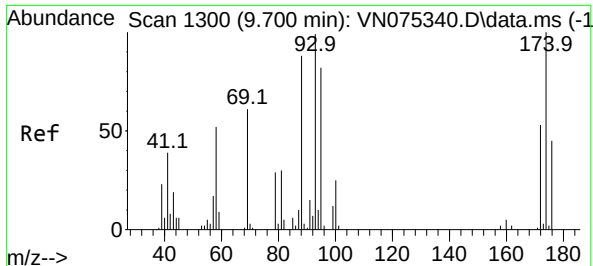
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#48
Methyl methacrylate
Concen: 20.542 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.001 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

Tgt Ion: 41 Resp: 33945
Ion Ratio Lower Upper
41 100
69 102.6 80.2 120.2
39 66.9 56.2 84.2





#49

1,4-Dioxane

Concen: 382.070 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075642.D

Acq: 08 Dec 2022 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD02

Tgt Ion: 88 Resp: 17928

Ion Ratio Lower Upper

88 100

43 23.5 17.5 26.3

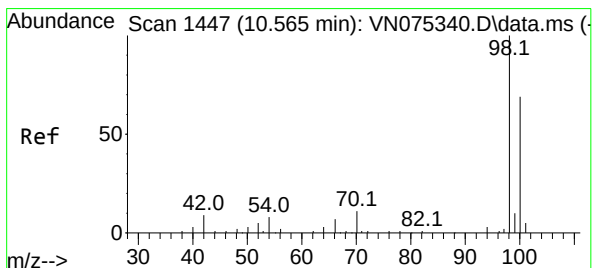
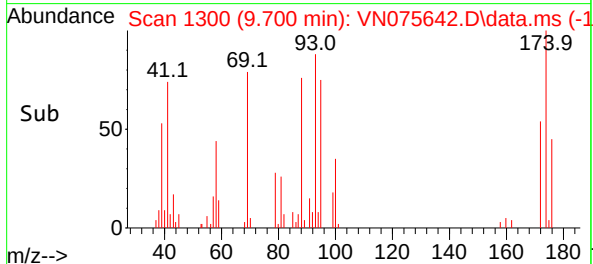
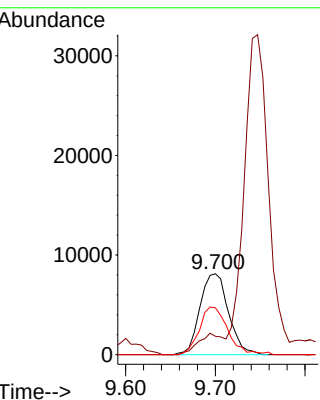
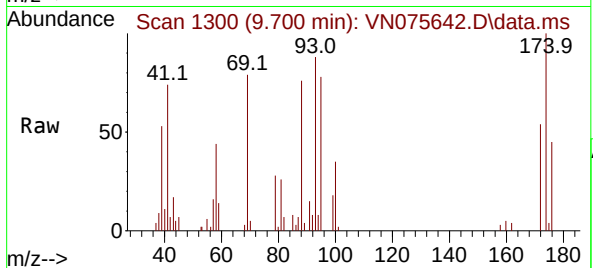
58 58.9 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#50

Toluene-d8

Concen: 50.535 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075642.D

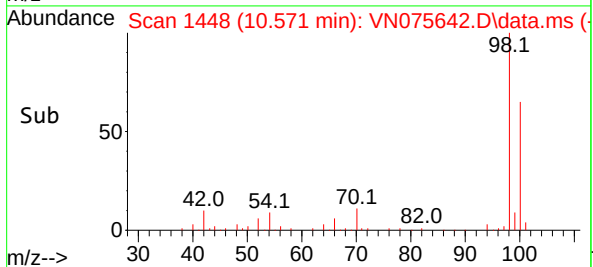
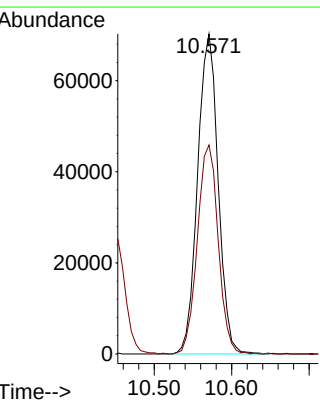
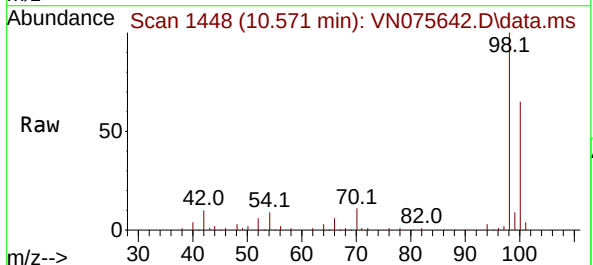
Acq: 08 Dec 2022 12:56

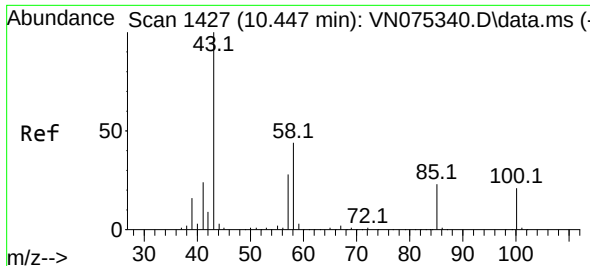
Tgt Ion: 98 Resp: 129054

Ion Ratio Lower Upper

98 100

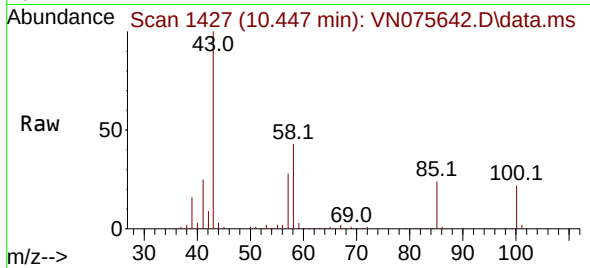
100 66.4 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 99.059 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

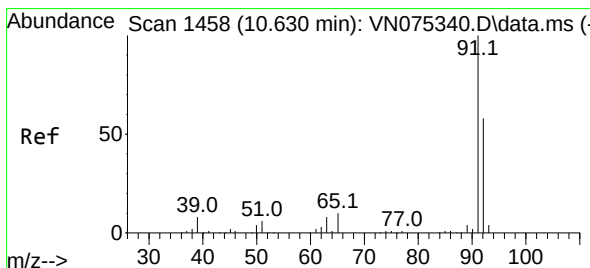
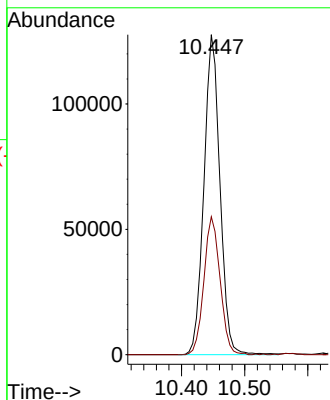
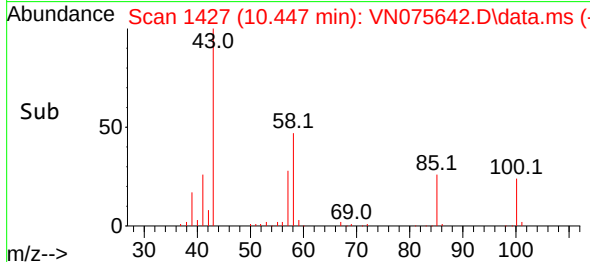
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



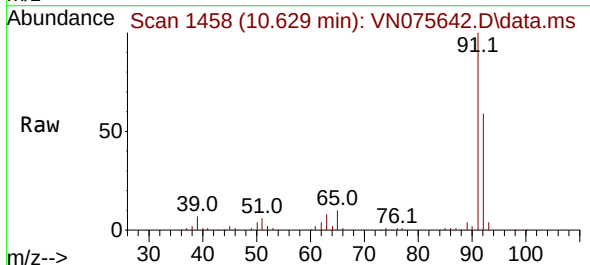
Tgt Ion: 43 Resp: 225478
Ion Ratio Lower Upper
43 100
58 43.4 33.6 50.4

Manual Integrations
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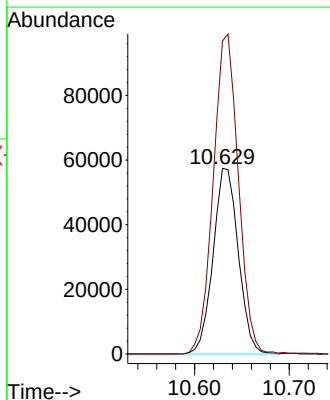
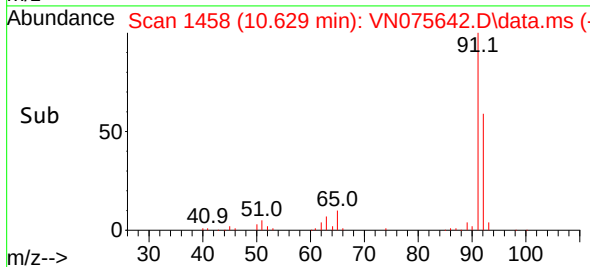
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

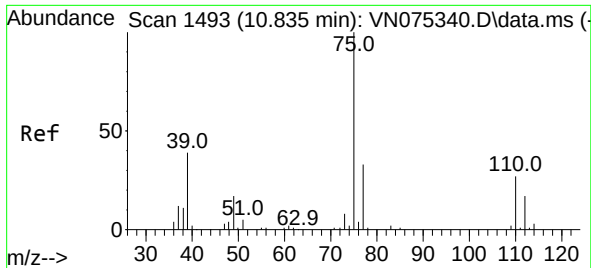


#52
Toluene
Concen: 21.761 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.001 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56



Tgt Ion: 92 Resp: 106162
Ion Ratio Lower Upper
92 100
91 172.4 135.4 203.2





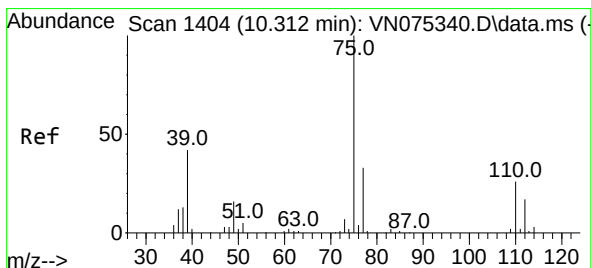
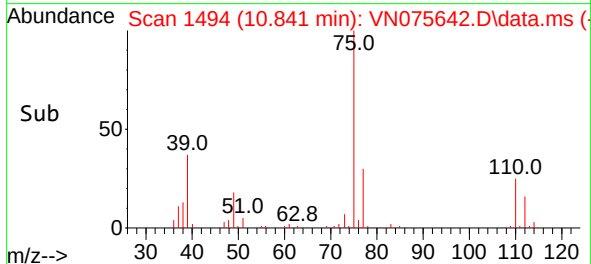
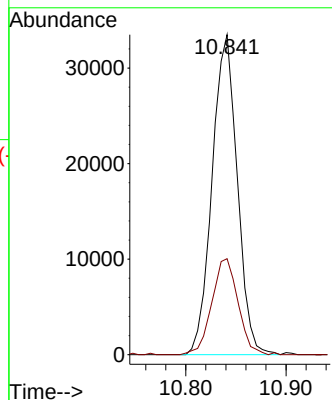
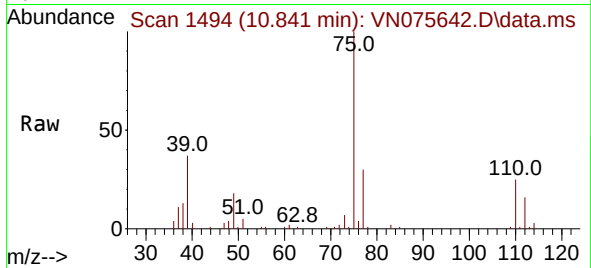
#53
t-1,3-Dichloropropene
Concen: 22.013 ug/l
RT: 10.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tgt Ion: 75 Resp: 58400
Ion Ratio Lower Upper
75 100
77 30.0 25.4 38.2

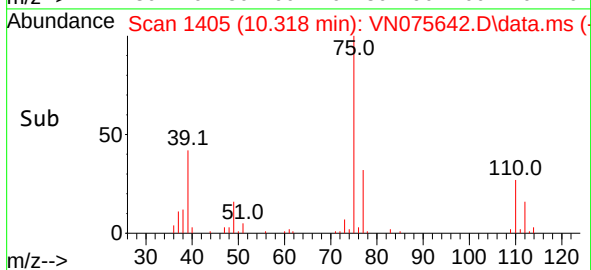
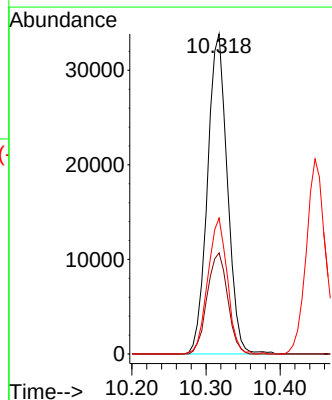
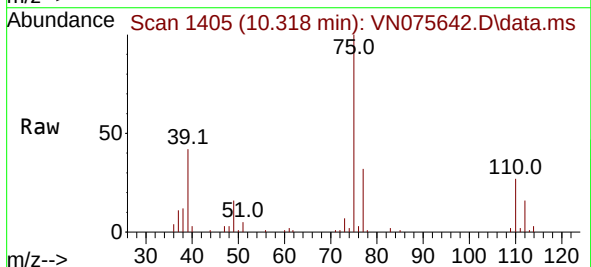
Manual Integrations
APPROVED

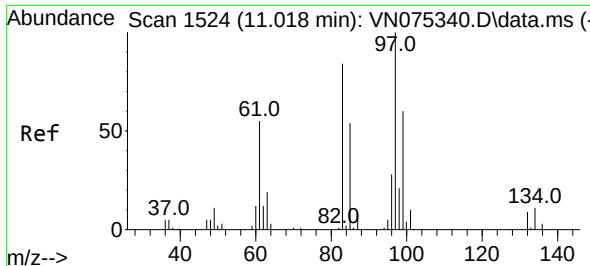
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#54
cis-1,3-Dichloropropene
Concen: 21.887 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

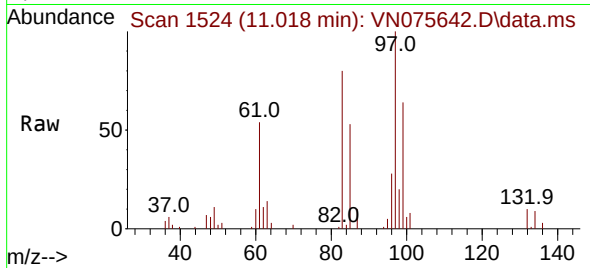
Tgt Ion: 75 Resp: 63064
Ion Ratio Lower Upper
75 100
77 31.6 23.7 35.5
39 42.4 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 21.513 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

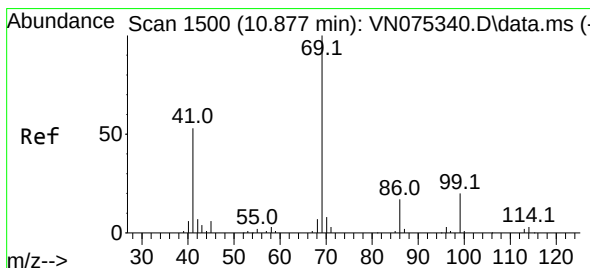
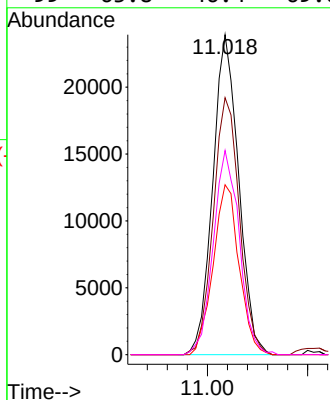
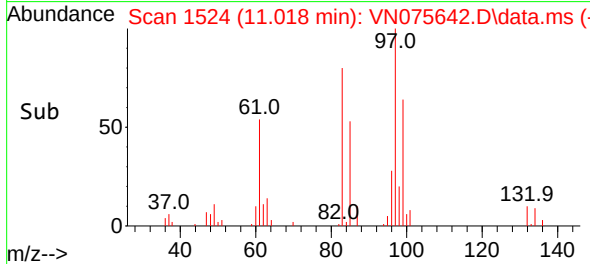


Tgt Ion: 97 Resp: 4274

Ion	Ratio	Lower	Upper
97	100		
83	80.3	65.9	98.9
85	53.1	40.4	60.6
99	63.8	46.4	69.6

Manual Integrations
APPROVED

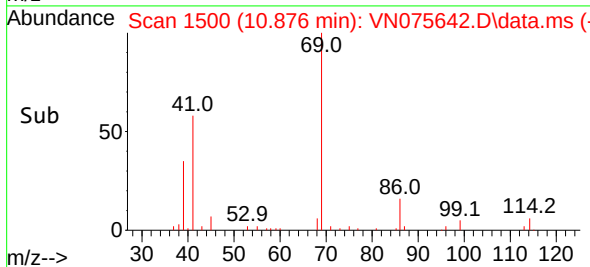
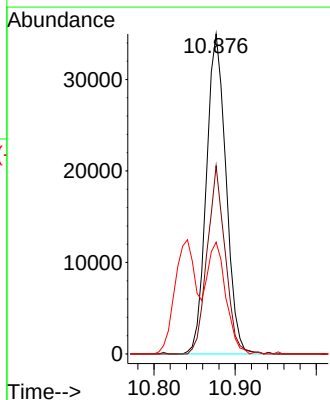
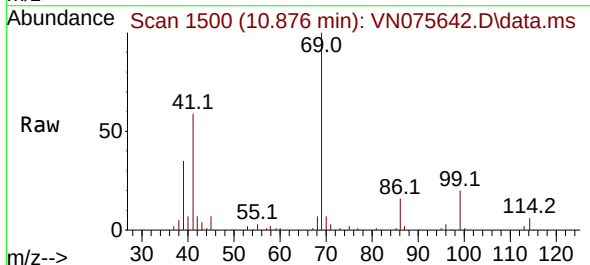
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

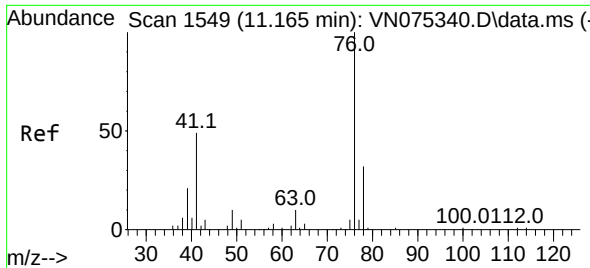


#56
Ethyl methacrylate
Concen: 21.879 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

Tgt Ion: 69 Resp: 58710

Ion	Ratio	Lower	Upper
69	100		
41	54.3	45.6	68.4
39	33.3	28.5	42.7





#57

1,3-Dichloropropane

Concen: 21.597 ug/l

RT: 11.165 min Scan# 111

Delta R.T. -0.000 min

Lab File: VN075642.D

Acq: 08 Dec 2022 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD02

Tgt Ion: 76 Resp: 6997

Ion Ratio Lower Upper

76 100

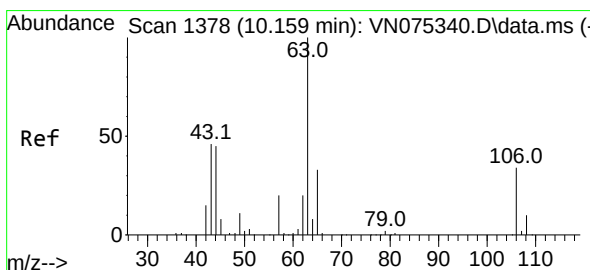
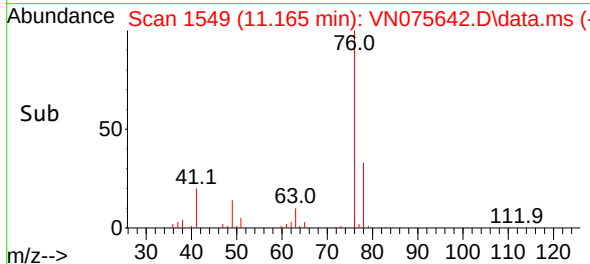
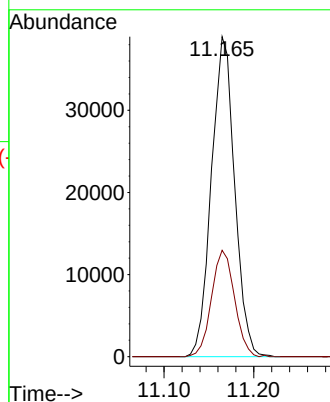
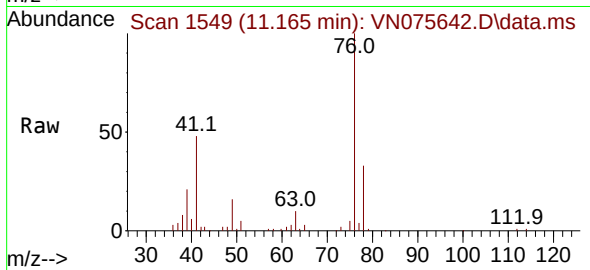
78 33.0 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#58

2-Chloroethyl Vinyl ether

Concen: 81.329 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.006 min

Lab File: VN075642.D

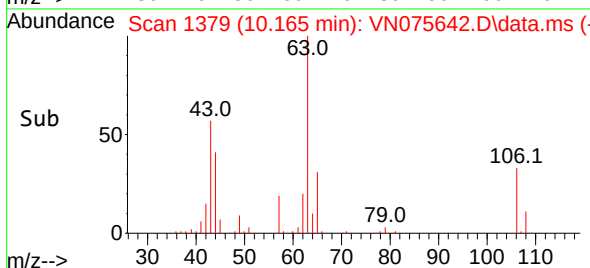
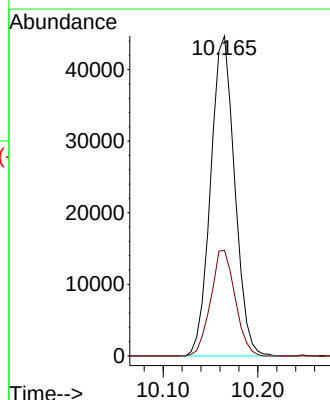
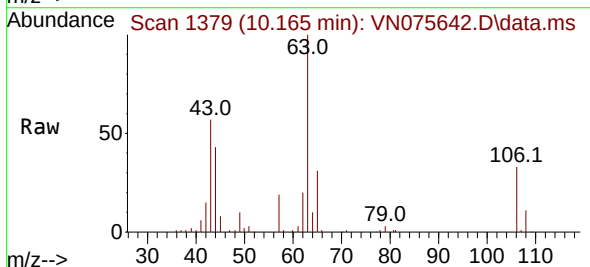
Acq: 08 Dec 2022 12:56

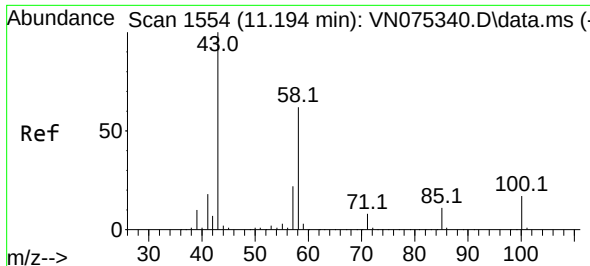
Tgt Ion: 63 Resp: 78709

Ion Ratio Lower Upper

63 100

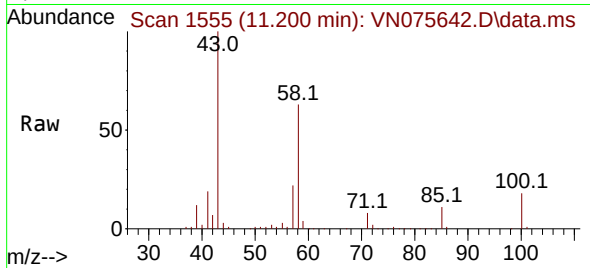
106 33.6 24.8 37.2





#59
2-Hexanone
Concen: 98.392 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

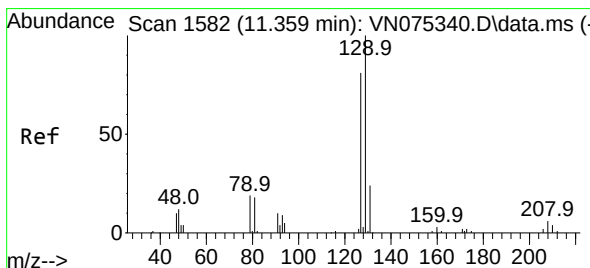
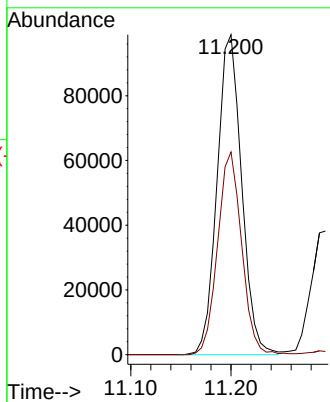
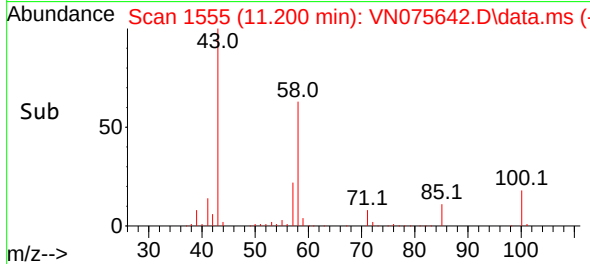
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



Tgt Ion: 43 Resp: 168172
Ion Ratio Lower Upper
43 100
58 61.9 29.6 88.8

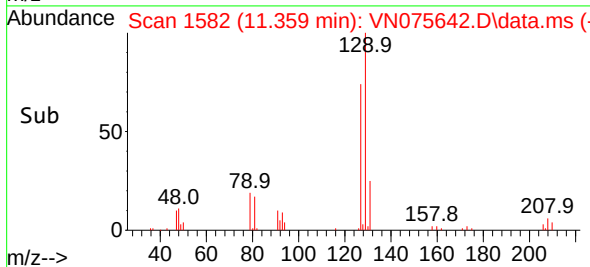
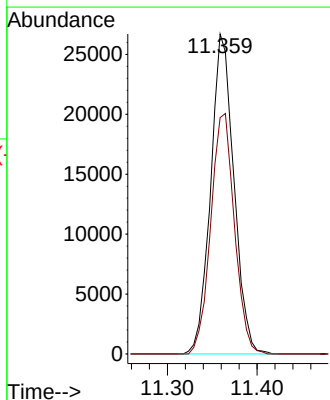
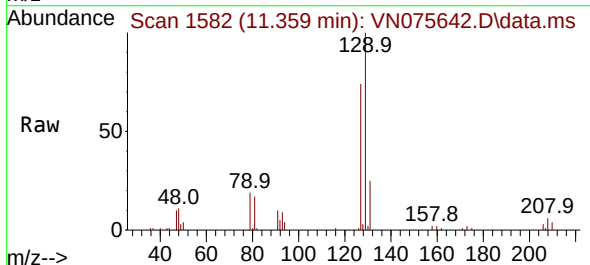
Manual Integrations
APPROVED

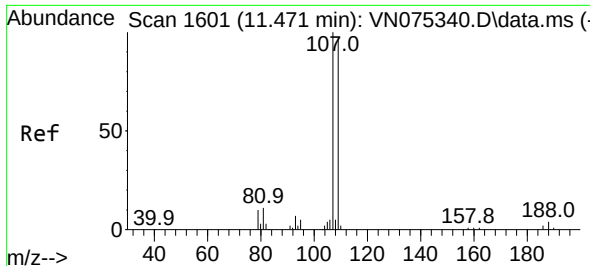
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#60
Dibromochloromethane
Concen: 23.539 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

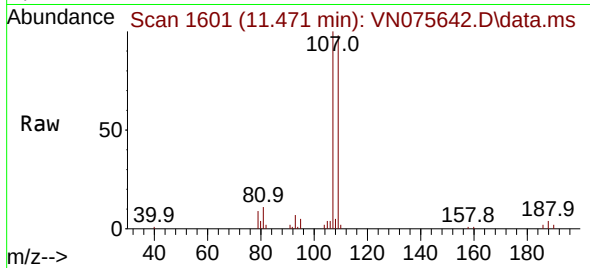
Tgt Ion:129 Resp: 48009
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.8





#61
1,2-Dibromoethane
Concen: 21.519 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

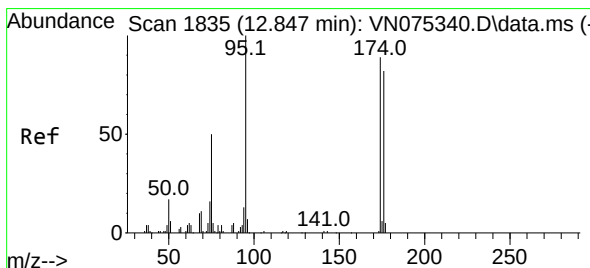
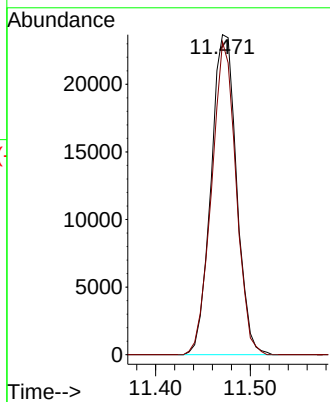
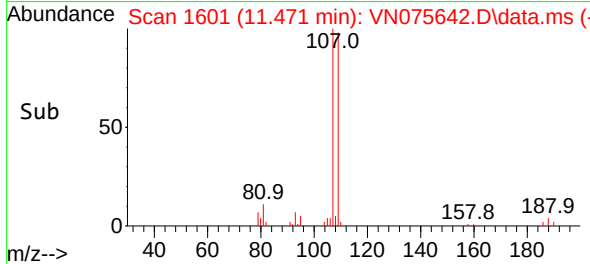
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



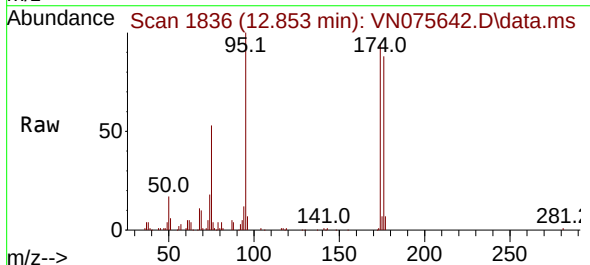
Tgt Ion:107 Resp: 44380
Ion Ratio Lower Upper
107 100
109 93.6 75.6 113.4

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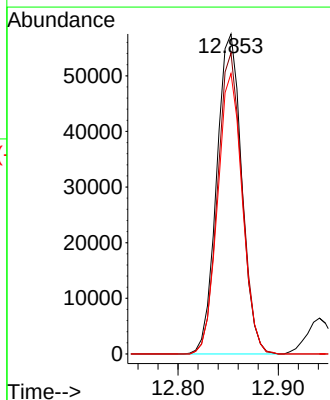
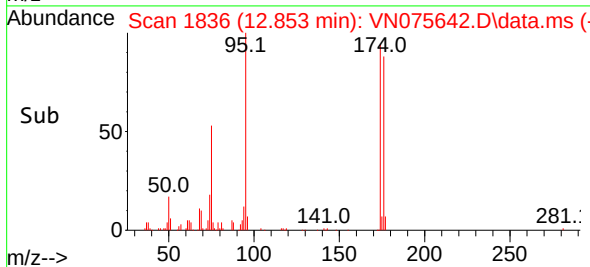
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

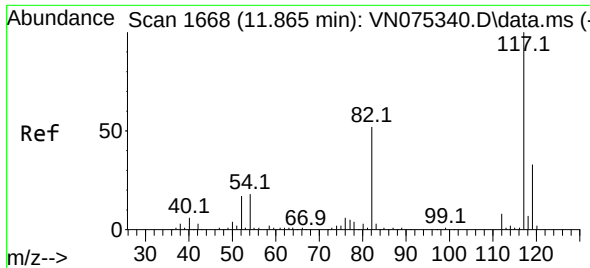


#62
4-Bromofluorobenzene
Concen: 52.858 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56



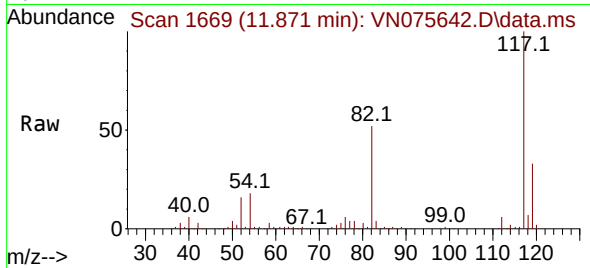
Tgt Ion: 95 Resp: 99634
Ion Ratio Lower Upper
95 100
174 92.0 0.0 147.4
176 86.6 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

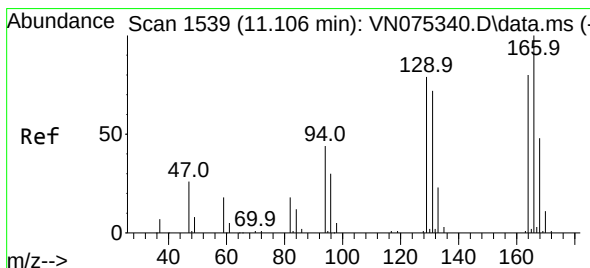
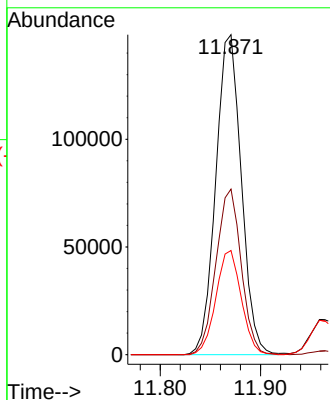
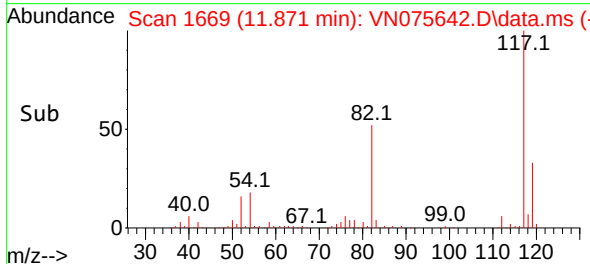
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



Tgt Ion:117 Resp: 26312
Ion Ratio Lower Upper
117 100
82 51.7 43.1 64.7
119 32.5 25.5 38.3

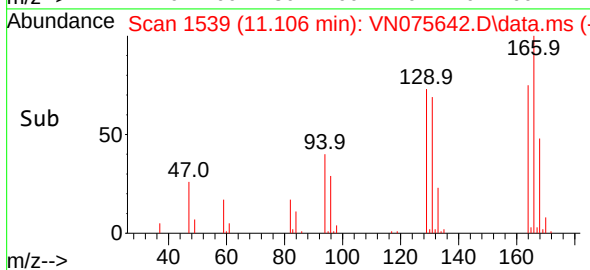
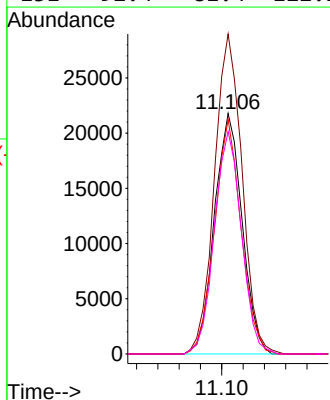
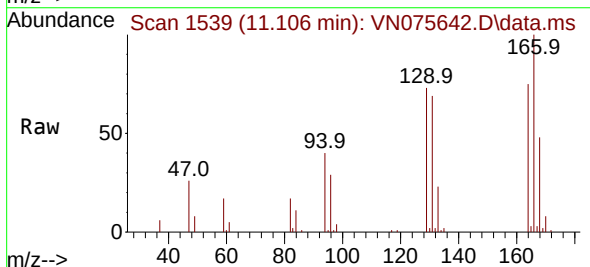
Manual Integrations
APPROVED

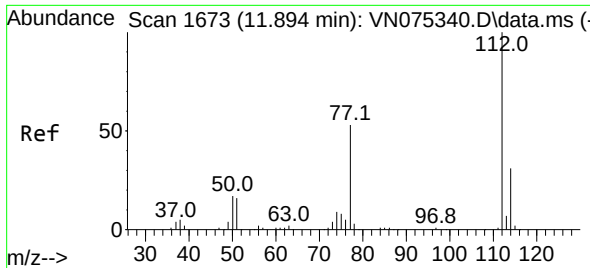
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#64
Tetrachloroethene
Concen: 19.554 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

Tgt Ion:164 Resp: 39292
Ion Ratio Lower Upper
164 100
166 133.0 106.5 159.7
129 97.4 81.9 122.9
131 92.4 81.4 122.2





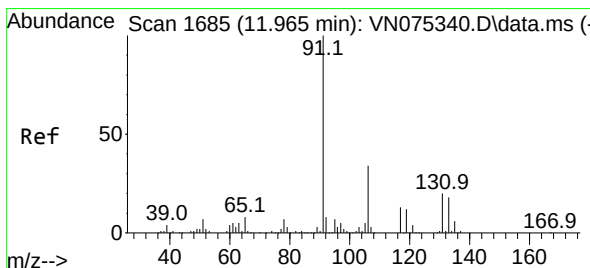
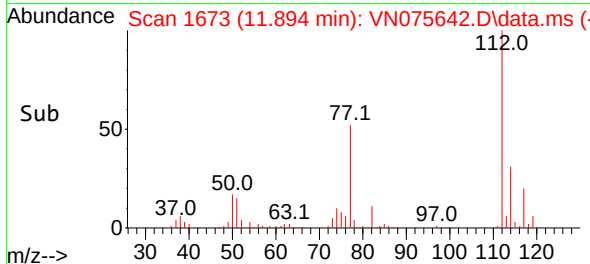
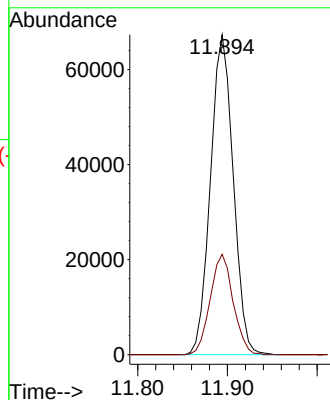
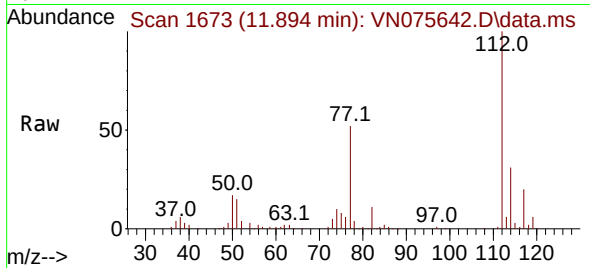
#65
Chlorobenzene
Concen: 21.821 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tgt Ion:112 Resp: 11857
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2

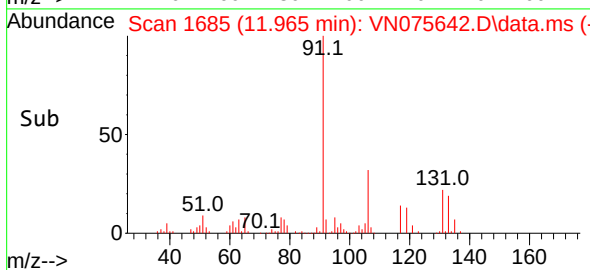
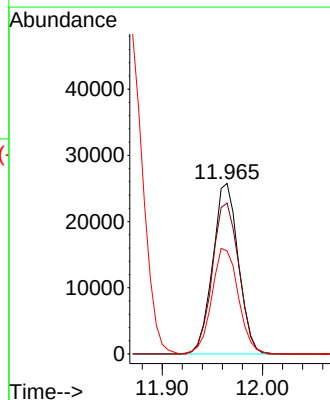
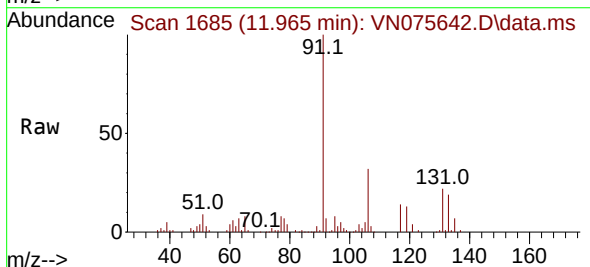
Manual Integrations
APPROVED

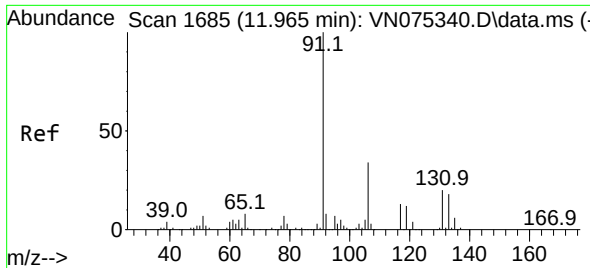
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 22.493 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

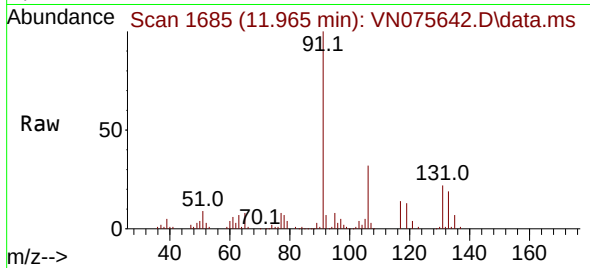
Tgt Ion:131 Resp: 45618
Ion Ratio Lower Upper
131 100
133 92.6 47.8 143.4
119 64.1 33.0 99.0





#67
Ethyl Benzene
Concen: 21.819 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

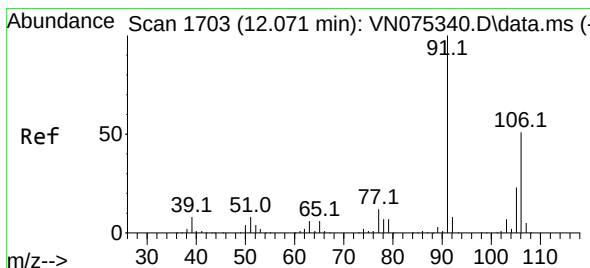
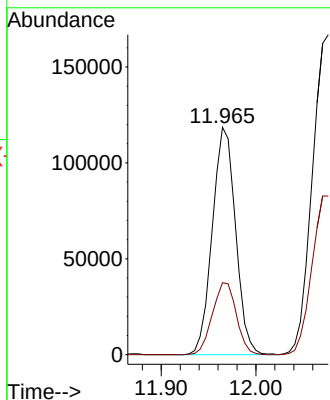
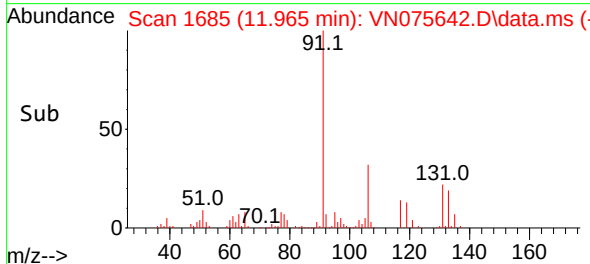
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



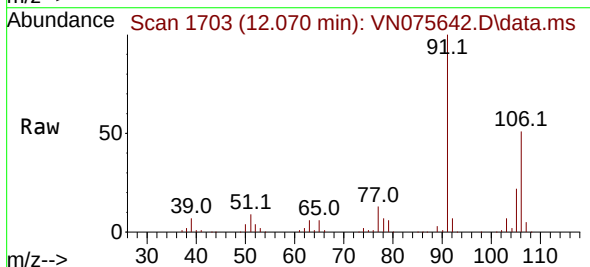
Tgt Ion: 91 Resp: 202279
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3

Manual Integrations
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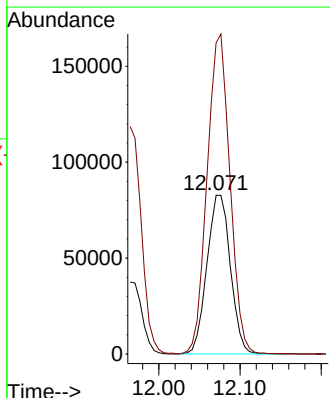
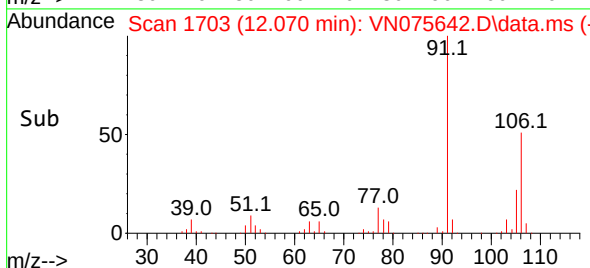
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

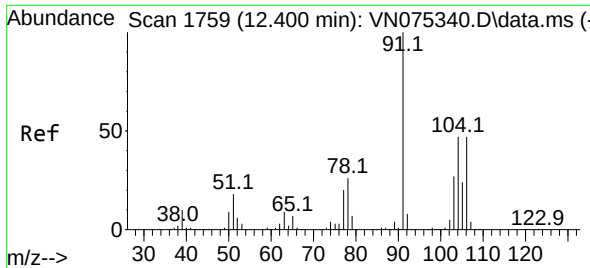


#68
m/p-Xylenes
Concen: 44.189 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56



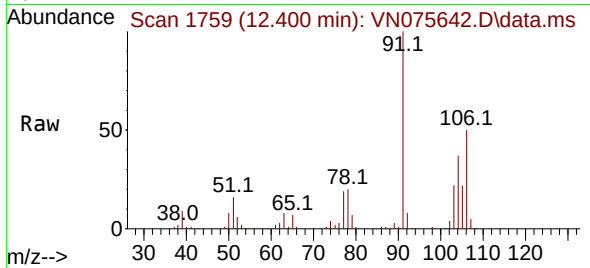
Tgt Ion:106 Resp: 166358
Ion Ratio Lower Upper
106 100
91 196.0 156.0 234.0





#69
o-Xylene
Concen: 22.616 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

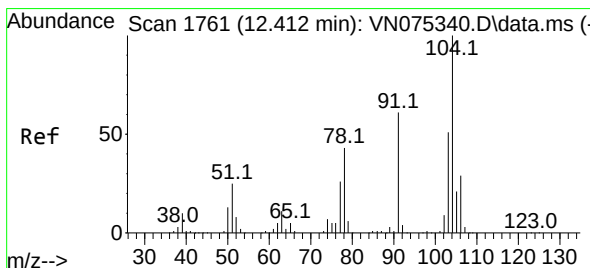
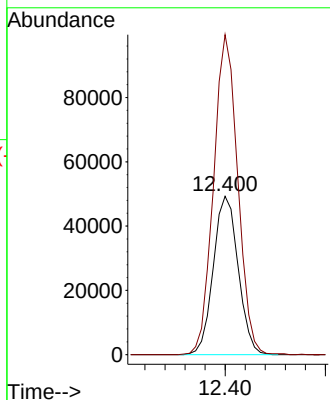
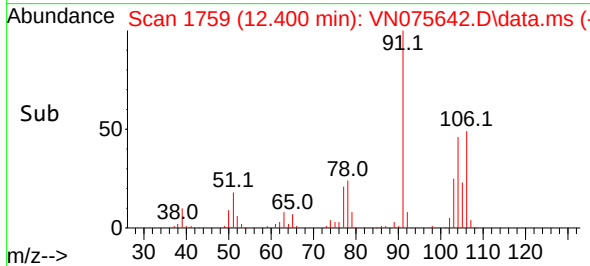
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



Tgt Ion:106 Resp: 84594
Ion Ratio Lower Upper
106 100
91 197.0 105.2 315.5

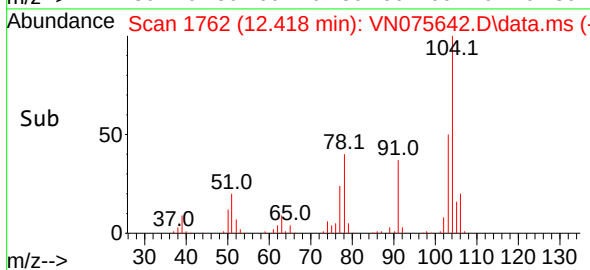
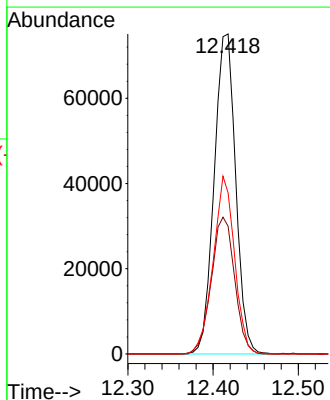
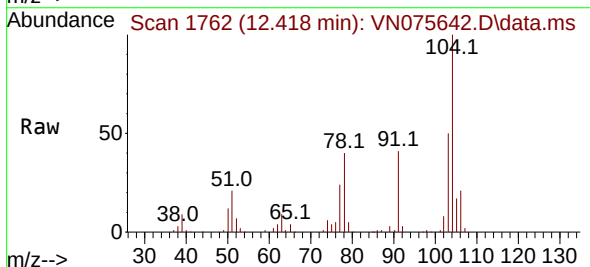
Manual Integrations
APPROVED

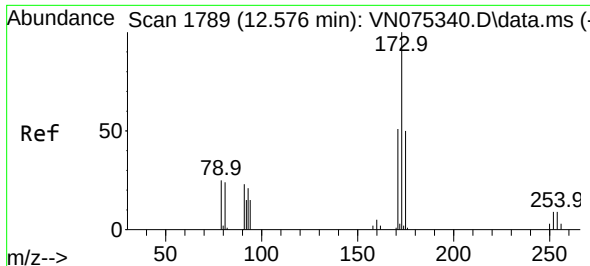
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#70
Styrene
Concen: 22.334 ug/l
RT: 12.418 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

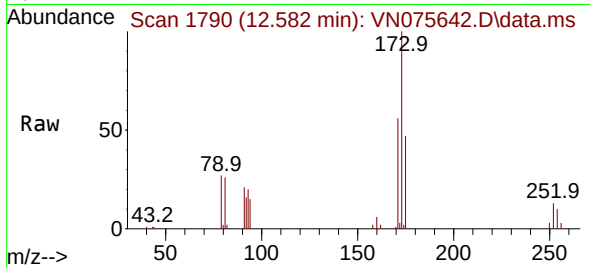
Tgt Ion:104 Resp: 131784
Ion Ratio Lower Upper
104 100
78 46.3 38.1 57.1
103 55.2 44.6 66.8





#71
Bromoform
Concen: 22.713 ug/l
RT: 12.582 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

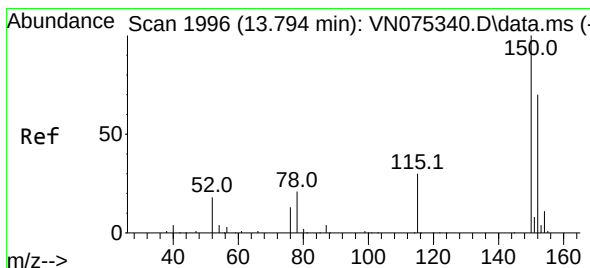
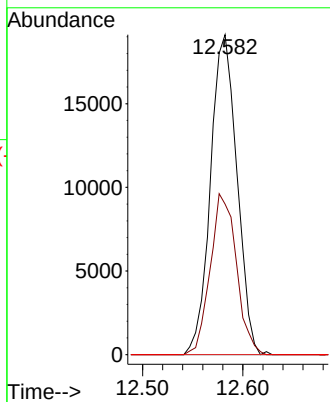
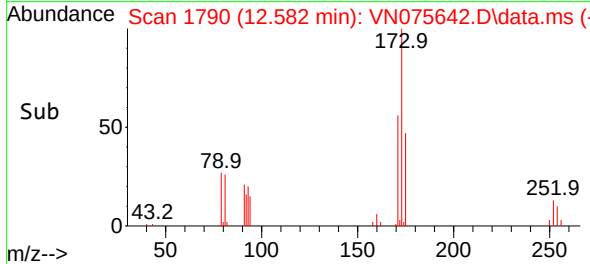
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



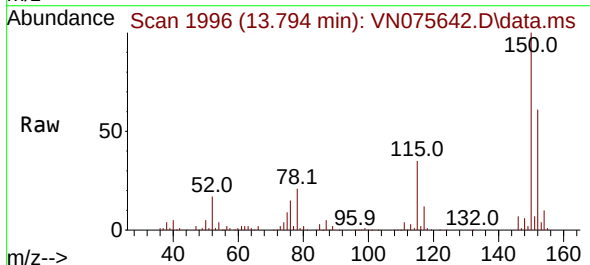
Tgt Ion:173 Resp: 35059
Ion Ratio Lower Upper
173 100
175 49.7 24.6 74.0
254 0.0 0.0 0.0

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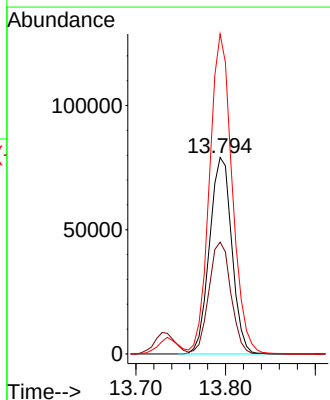
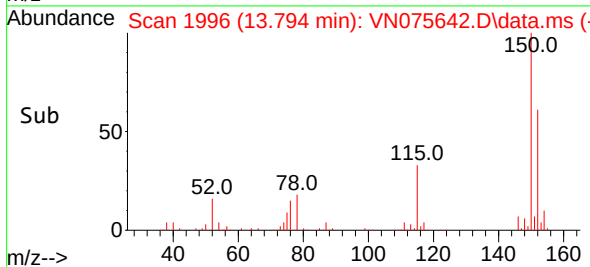
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

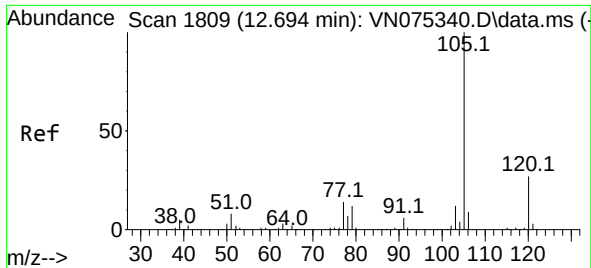


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56



Tgt Ion:152 Resp: 136272
Ion Ratio Lower Upper
152 100
115 56.5 30.2 90.6
150 165.4 0.0 348.4





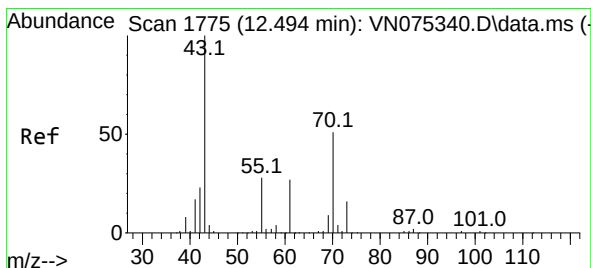
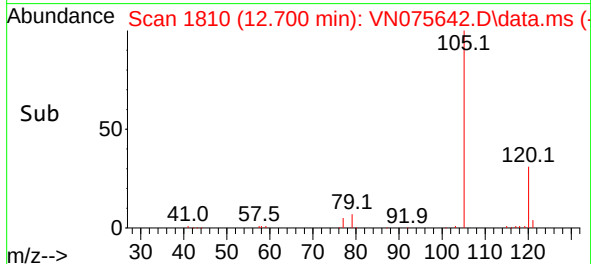
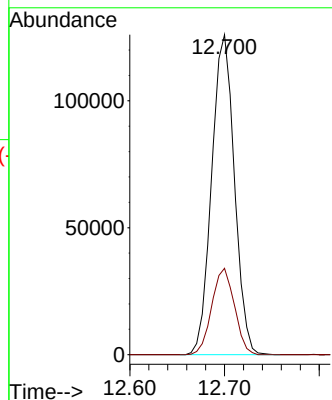
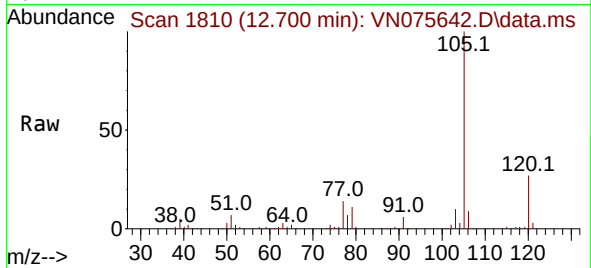
#73
Isopropylbenzene
Concen: 21.130 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tgt Ion:105 Resp: 21037
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1

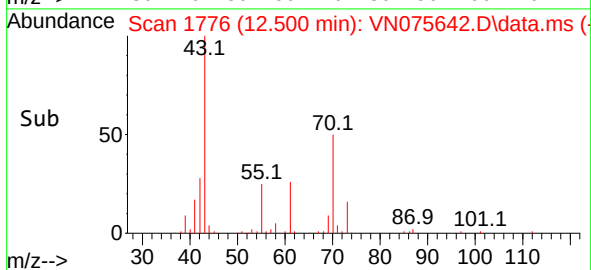
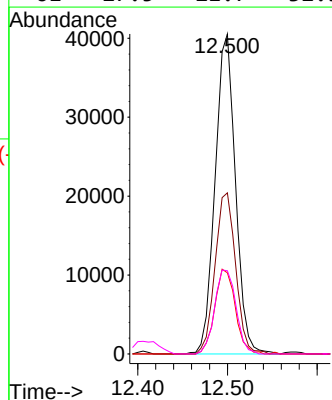
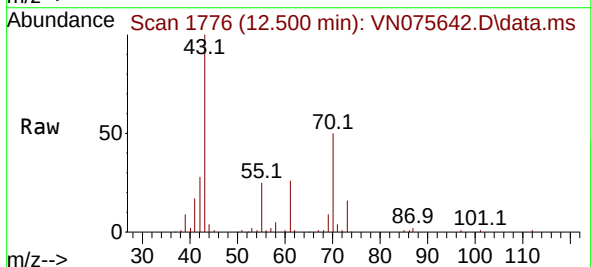
Manual Integrations
APPROVED

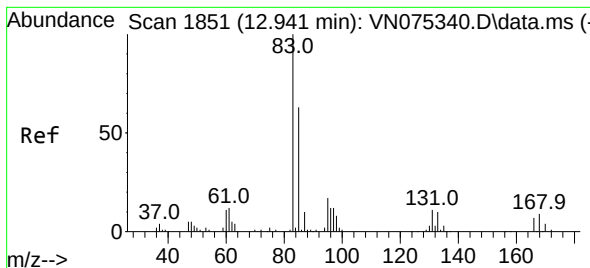
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#74
N-ethyl acetate
Concen: 20.876 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

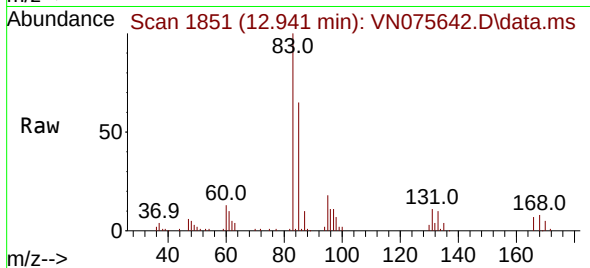
Tgt Ion: 43 Resp: 63896
Ion Ratio Lower Upper
43 100
70 51.0 39.8 59.8
55 26.8 19.9 29.9
61 27.5 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 20.253 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

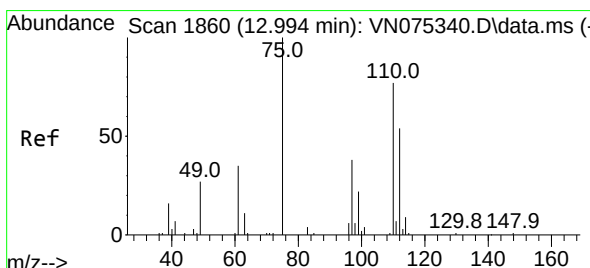
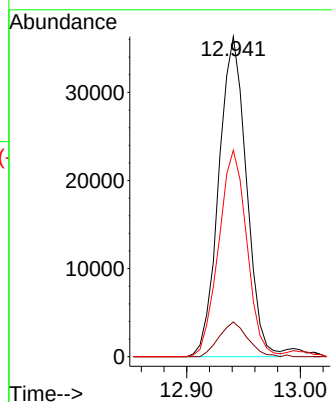
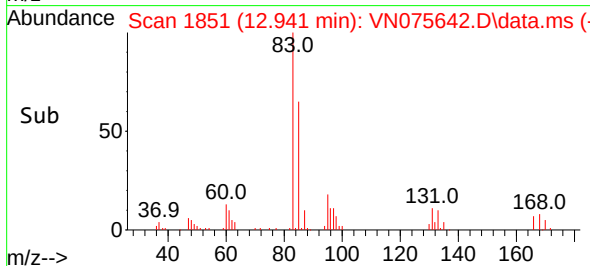
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



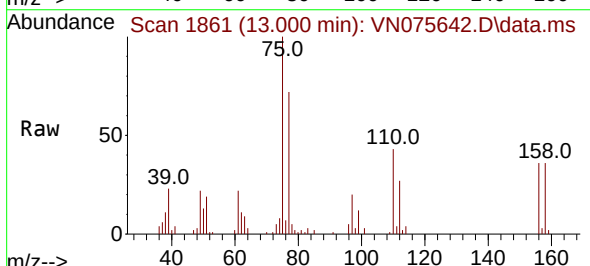
Tgt Ion: 83 Resp: 61474
Ion Ratio Lower Upper
83 100
131 11.2 5.1 15.3
85 65.7 31.6 94.7

Manual Integrations
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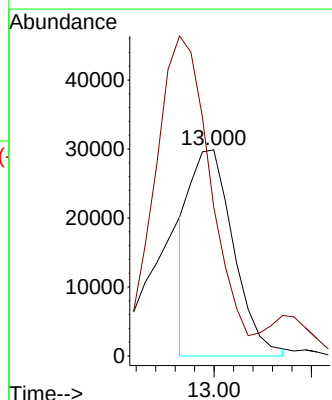
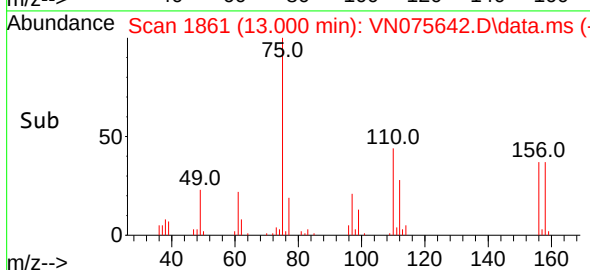
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

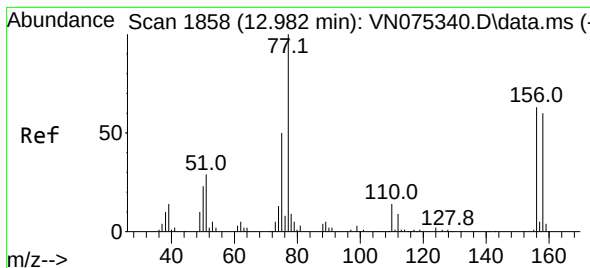


#76
1,2,3-Trichloropropane
Concen: 18.152 ug/l m
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56



Tgt Ion: 75 Resp: 46770
Ion Ratio Lower Upper
75 100
77 202.5 75.6 226.8





#77

Bromobenzene

Concen: 22.026 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN075642.D

Acq: 08 Dec 2022 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD02

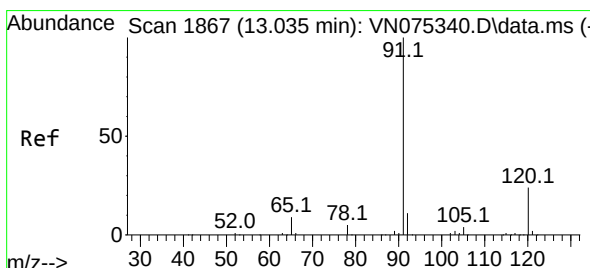
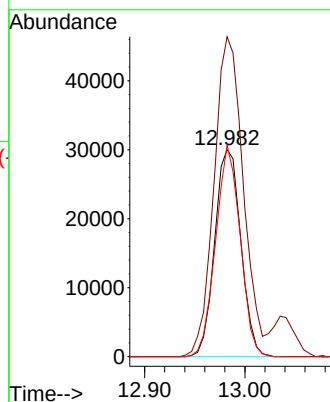
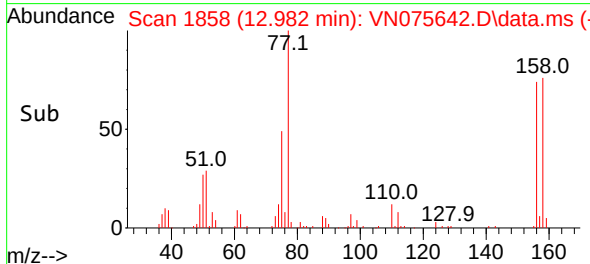
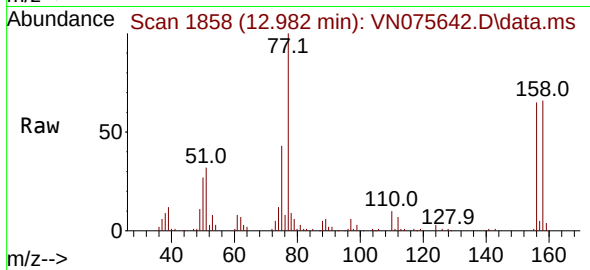
Tgt Ion:156 Resp: 5413
 Ion Ratio Lower Upper
 156 100
 77 175.0 108.5 325.5
 158 96.3 47.7 143.1

Manual Integrations

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Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#78

n-propylbenzene

Concen: 21.080 ug/l

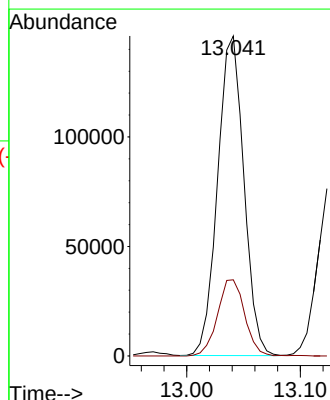
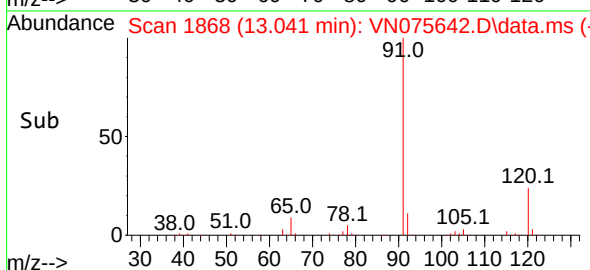
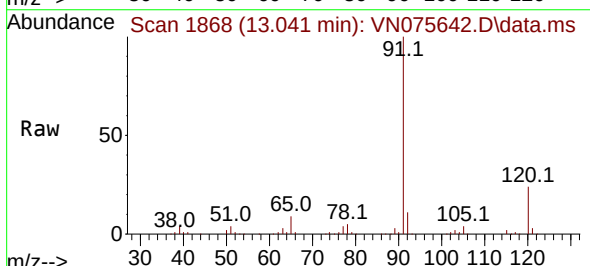
RT: 13.041 min Scan# 1868

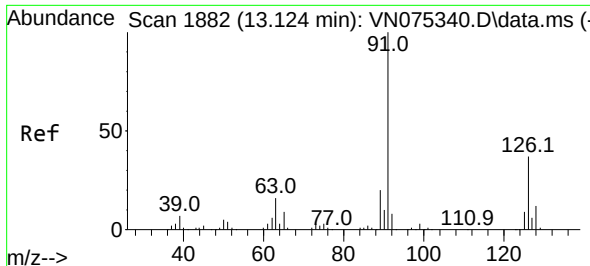
Delta R.T. 0.006 min

Lab File: VN075642.D

Acq: 08 Dec 2022 12:56

Tgt Ion: 91 Resp: 234222
 Ion Ratio Lower Upper
 91 100
 120 24.7 11.9 35.5





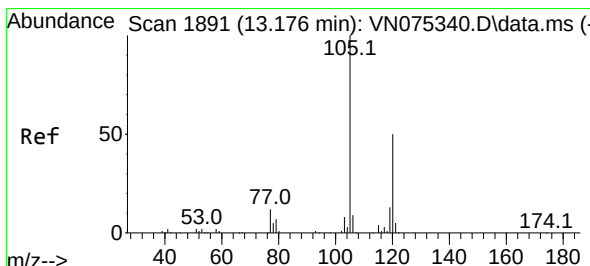
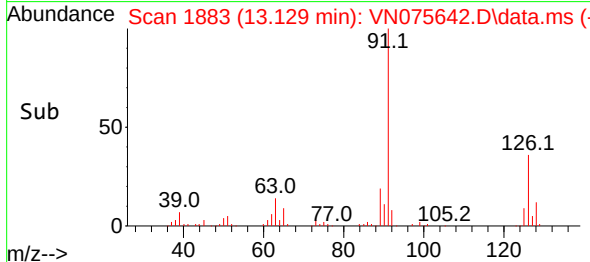
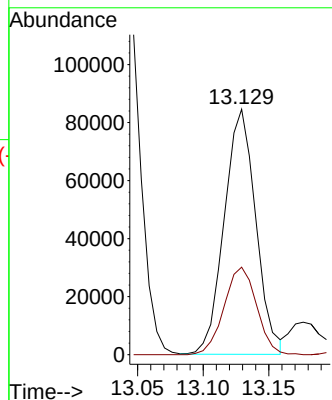
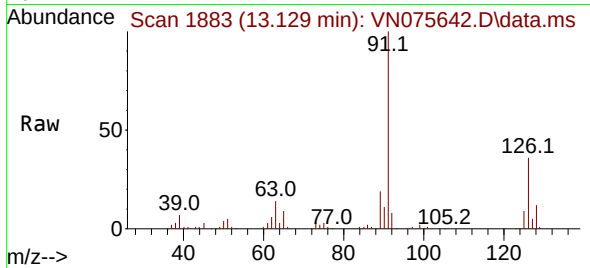
#79
2-Chlorotoluene
Concen: 21.114 ug/l
RT: 13.129 min Scan# 1882
Delta R.T. 0.005 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tgt Ion: 91 Resp: 141340
Ion Ratio Lower Upper
91 100
126 36.8 16.9 50.7

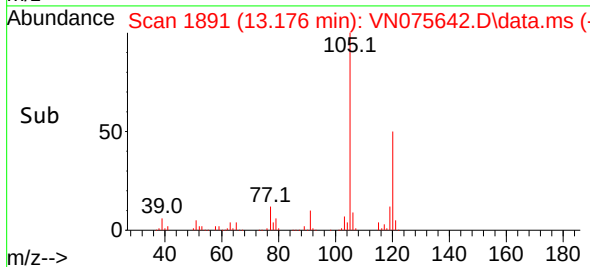
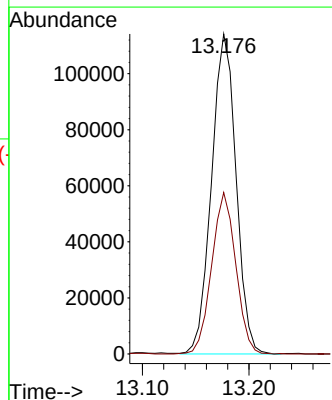
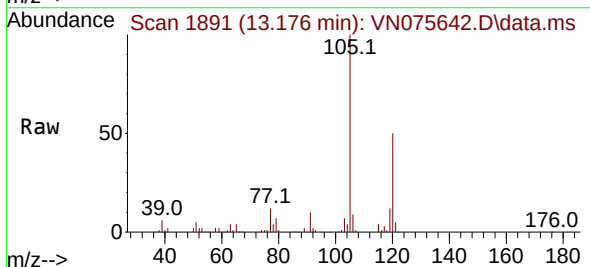
Manual Integrations
APPROVED

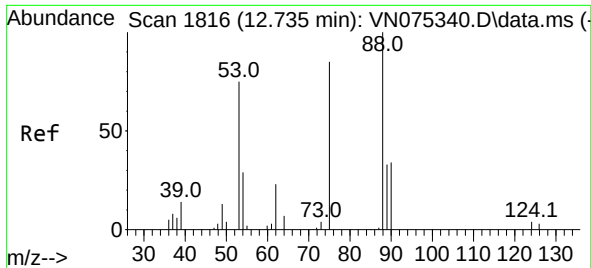
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#80
1,3,5-Trimethylbenzene
Concen: 22.054 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

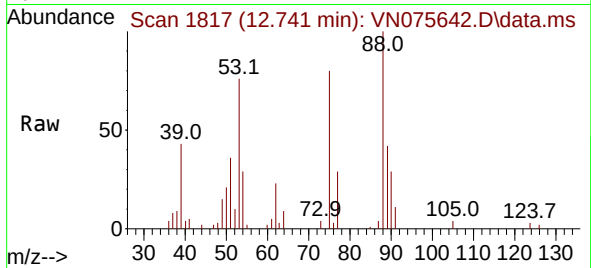
Tgt Ion:105 Resp: 182422
Ion Ratio Lower Upper
105 100
120 49.6 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 21.244 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

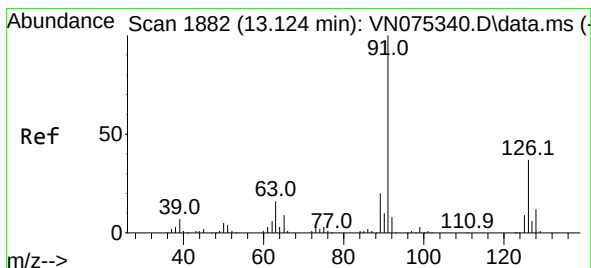
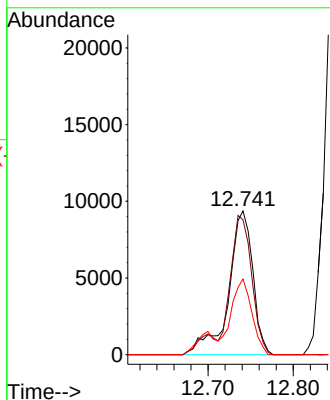
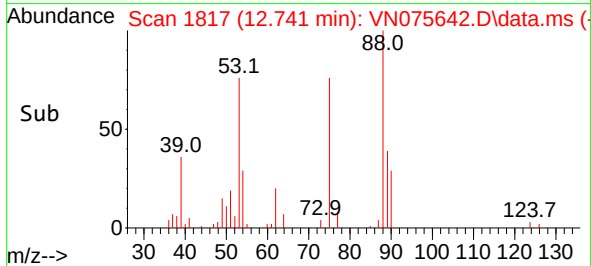
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



Tgt Ion: 75 Resp: 18500
Ion Ratio Lower Upper
75 100
53 84.2 78.5 117.7
89 45.0 37.7 56.5

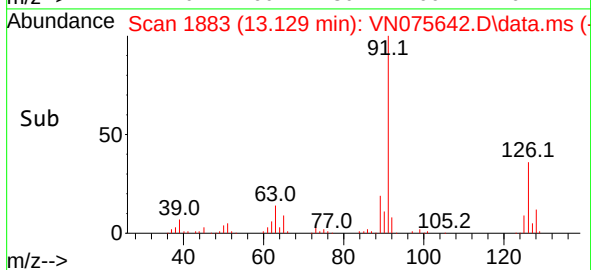
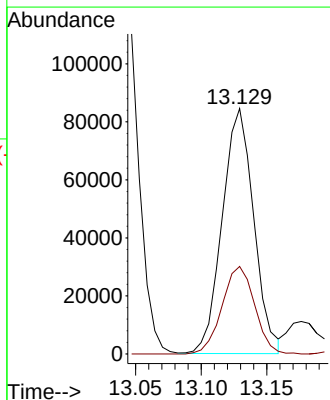
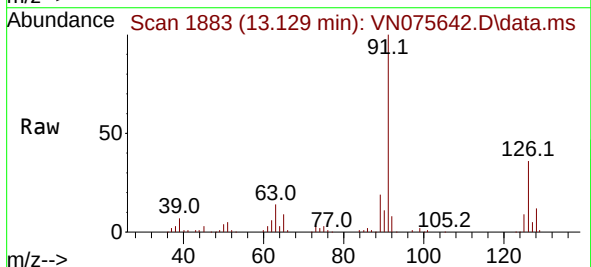
Manual Integrations
APPROVED

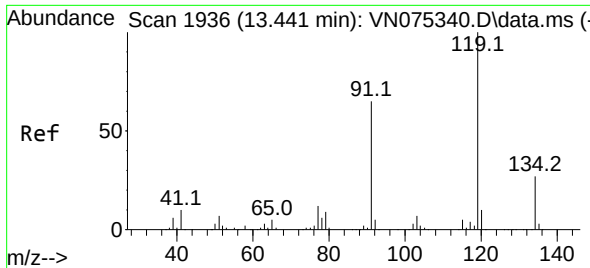
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#82
4-Chlorotoluene
Concen: 21.114 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

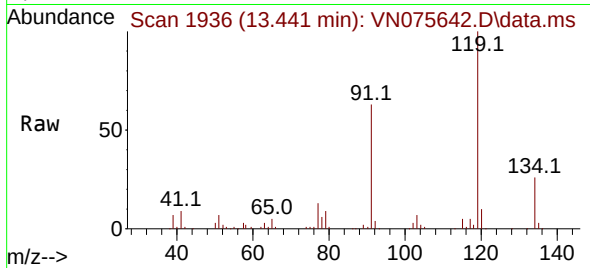
Tgt Ion: 91 Resp: 141346
Ion Ratio Lower Upper
91 100
126 36.8 16.9 50.7





#83
tert-Butylbenzene
Concen: 22.259 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

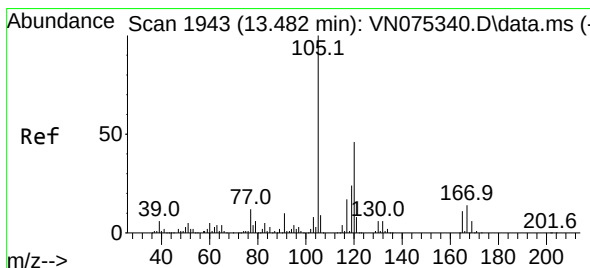
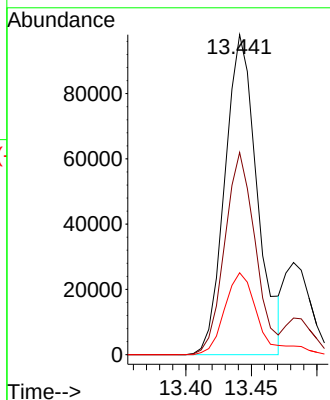
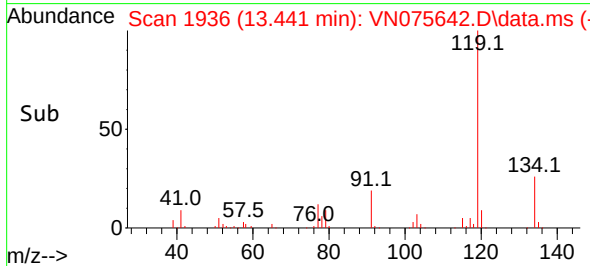
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



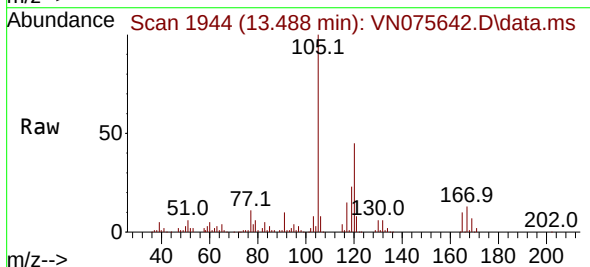
Tgt Ion:119 Resp: 167874
Ion Ratio Lower Upper
119 100
91 60.2 32.8 98.4
134 26.9 12.3 36.9

Manual Integrations
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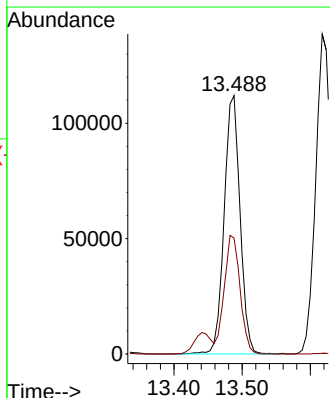
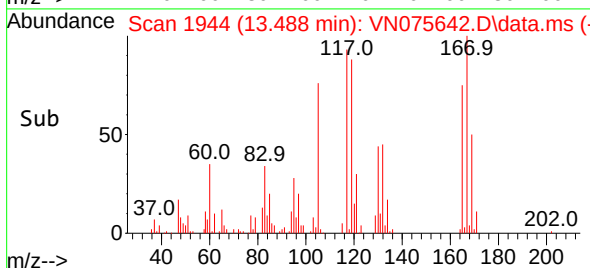
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

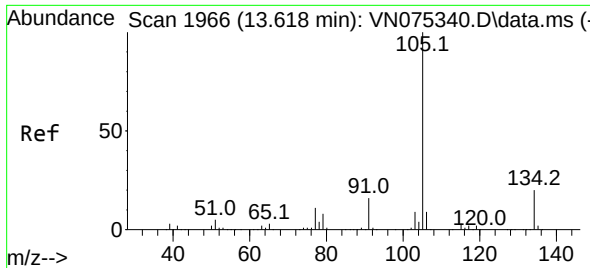


#84
1,2,4-Trimethylbenzene
Concen: 21.923 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56



Tgt Ion:105 Resp: 181891
Ion Ratio Lower Upper
105 100
120 45.7 22.7 68.1





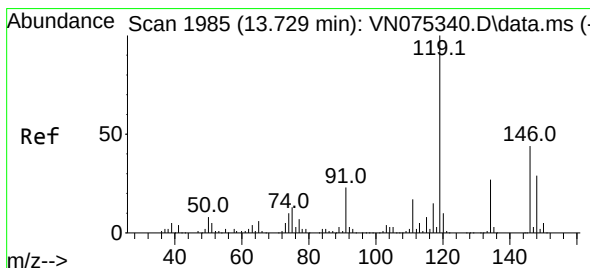
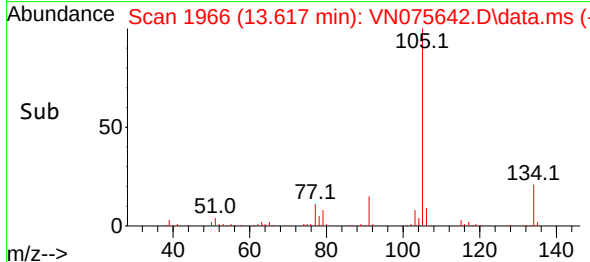
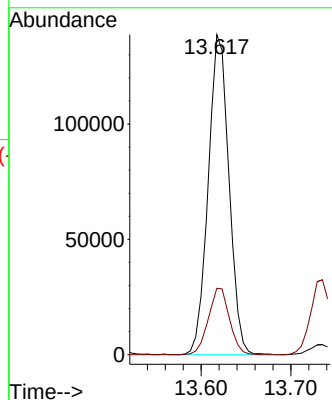
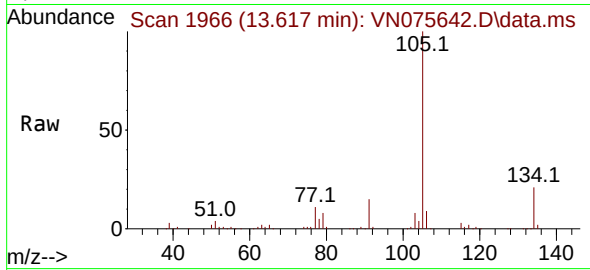
#85
 sec-Butylbenzene
 Concen: 21.784 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075642.D
 Acq: 08 Dec 2022 12:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD02

Tgt Ion:105 Resp: 222910
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.2 30.6

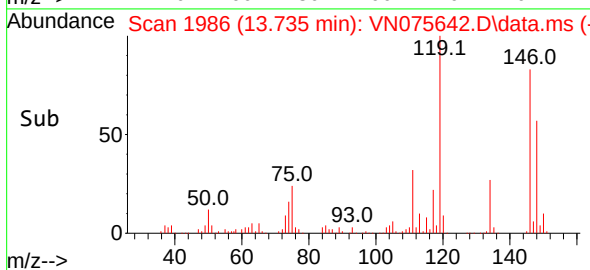
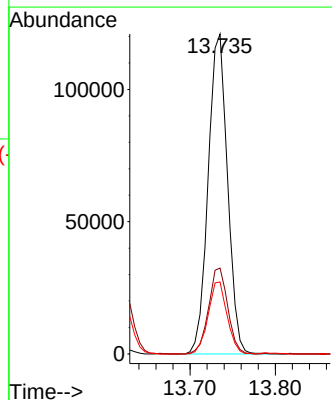
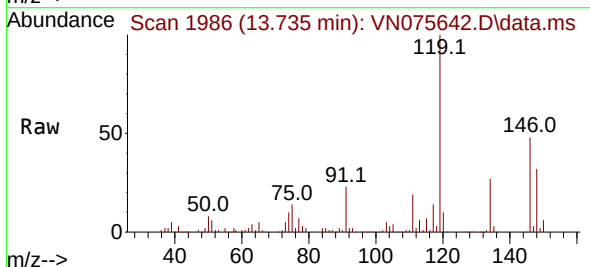
Manual Integrations
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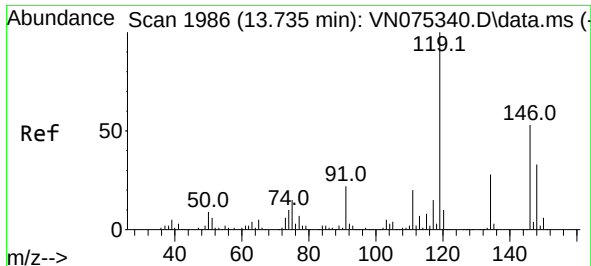
Reviewed By :John Carlone 12/09/2022
 Supervised By :Mahesh Dadoda 12/09/2022



#86
 p-Isopropyltoluene
 Concen: 22.133 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075642.D
 Acq: 08 Dec 2022 12:56

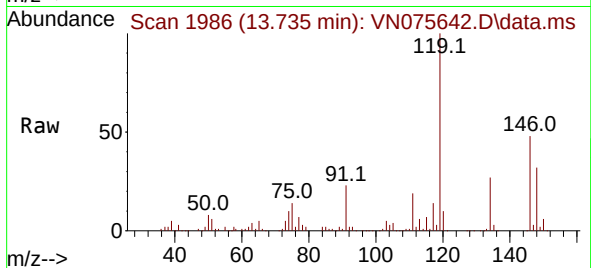
Tgt Ion:119 Resp: 190556
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.1 39.3
 91 22.1 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 21.190 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

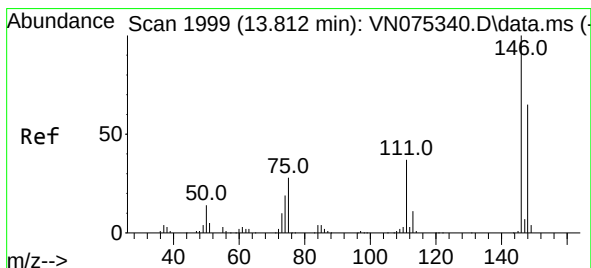
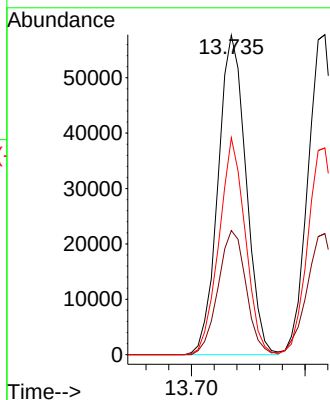
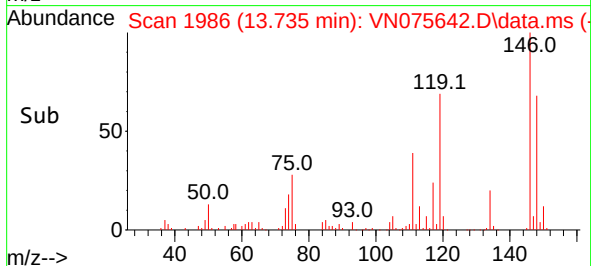
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



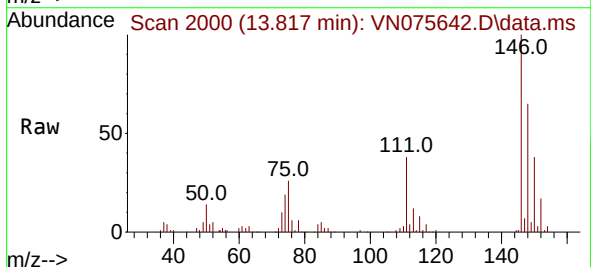
Tgt Ion:146 Resp: 98684
Ion Ratio Lower Upper
146 100
111 38.7 20.8 62.5
148 63.7 31.1 93.5

Manual Integrations
APPROVED

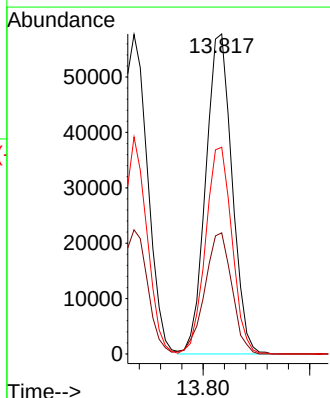
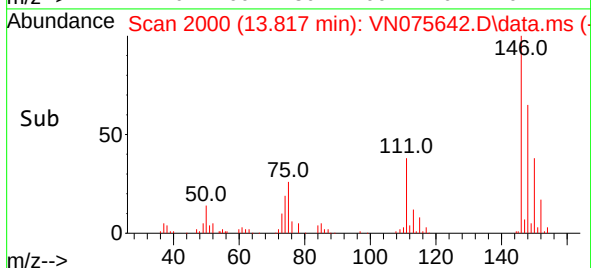
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022

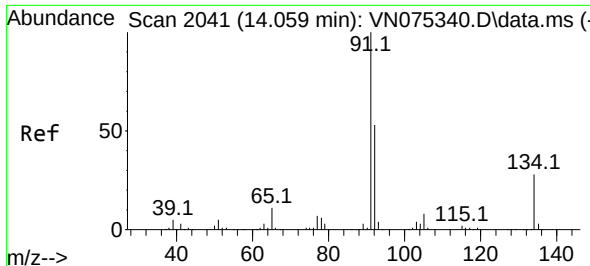


#88
1,4-Dichlorobenzene
Concen: 20.950 ug/l
RT: 13.817 min Scan# 2000
Delta R.T. 0.005 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56



Tgt Ion:146 Resp: 99105
Ion Ratio Lower Upper
146 100
111 39.1 20.1 60.3
148 65.1 31.9 95.7





#89
n-Butylbenzene
Concen: 20.603 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

Instrument :

MSVOA_N

ClientSampleId :

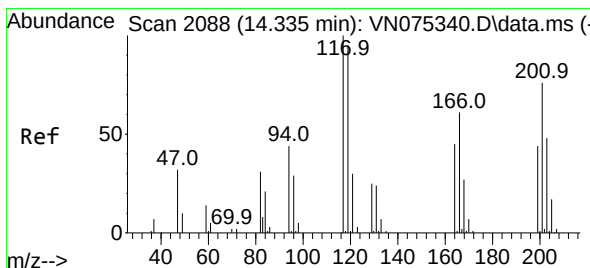
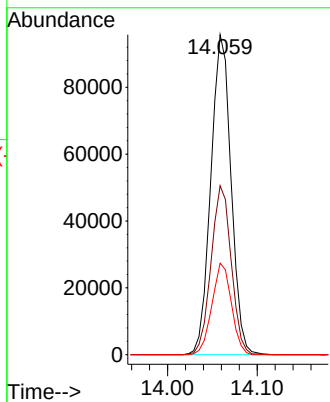
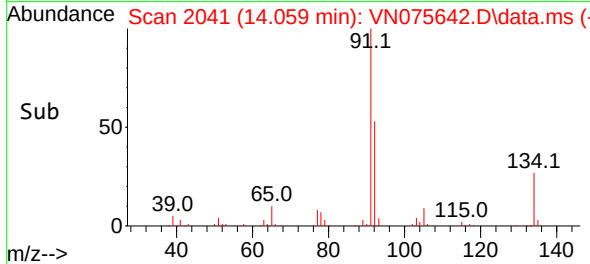
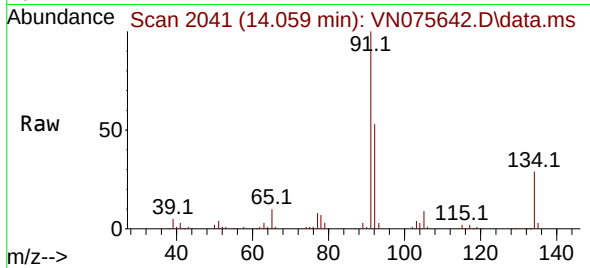
VN1208WBSD02

Tgt Ion: 91 Resp: 149810
Ion Ratio Lower Upper
91 100
92 52.7 26.5 79.4
134 27.6 13.0 39.0

Manual Integrations

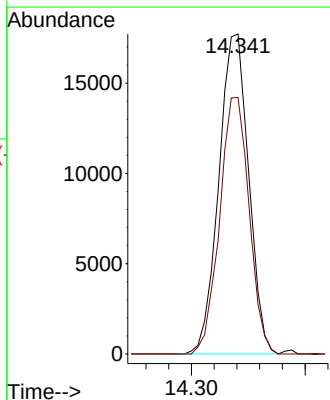
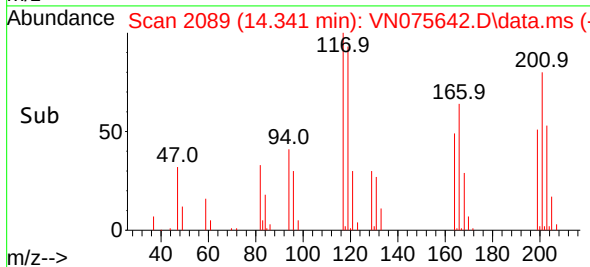
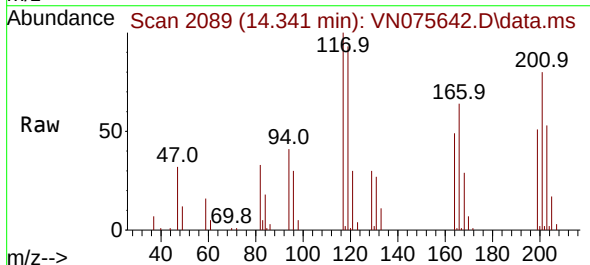
APPROVED

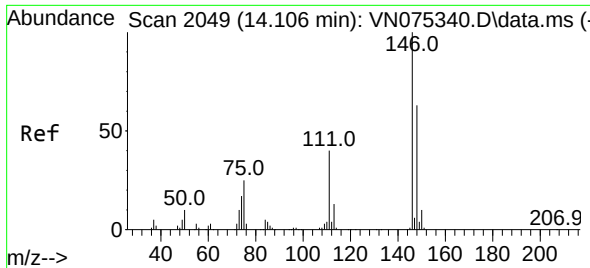
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#90
Hexachloroethane
Concen: 21.742 ug/l
RT: 14.341 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

Tgt Ion:117 Resp: 32293
Ion Ratio Lower Upper
117 100
201 79.2 31.5 94.5





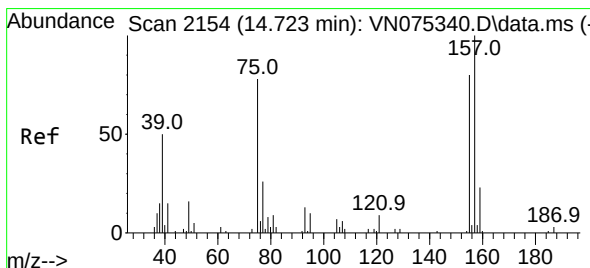
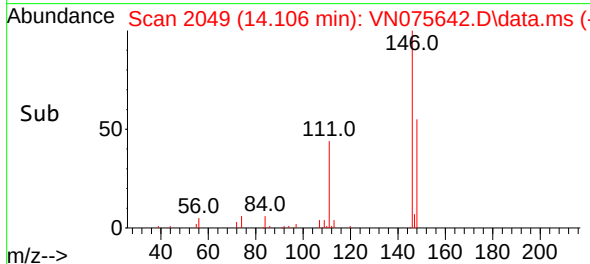
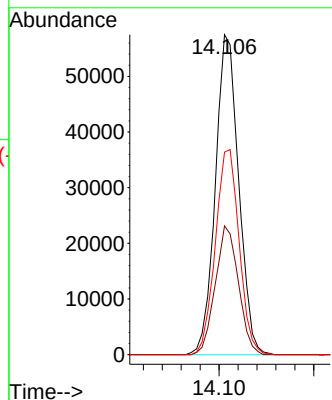
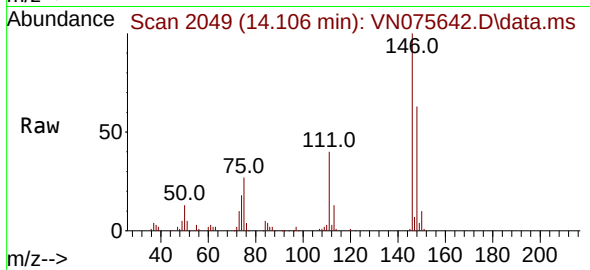
#91
1,2-Dichlorobenzene
Concen: 21.648 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tgt Ion:146 Resp: 98268
Ion Ratio Lower Upper
146 100
111 39.9 21.3 63.9
148 65.4 31.4 94.2

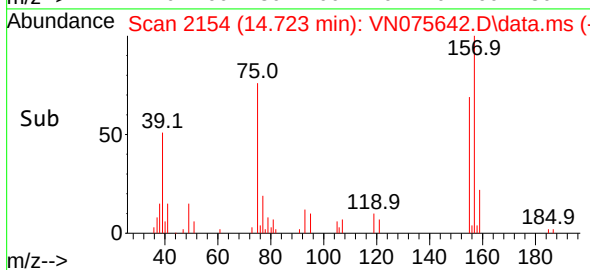
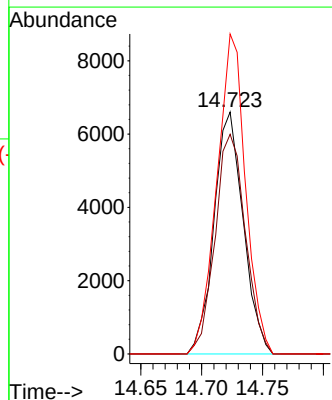
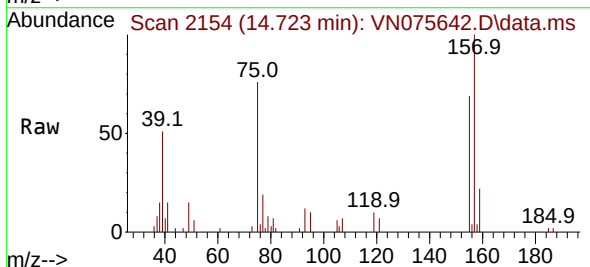
Manual Integrations
APPROVED

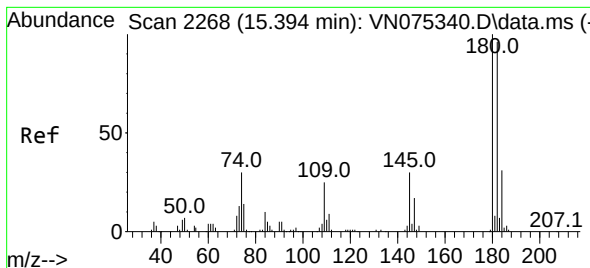
Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.173 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

Tgt Ion: 75 Resp: 11024
Ion Ratio Lower Upper
75 100
155 94.3 42.1 126.3
157 129.8 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 21.867 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075642.D

Acq: 08 Dec 2022 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD02

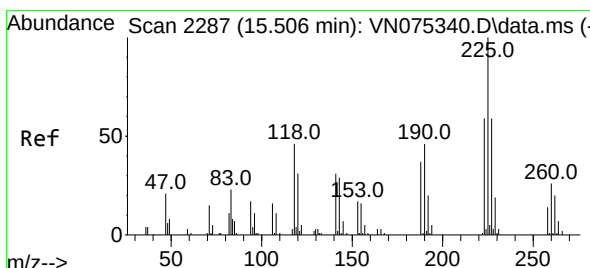
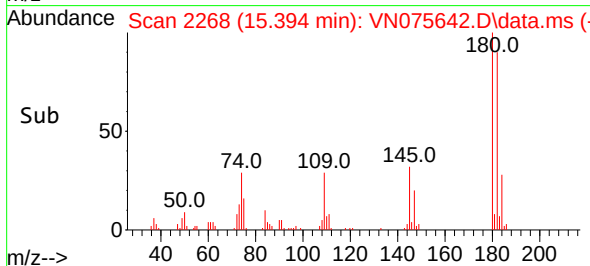
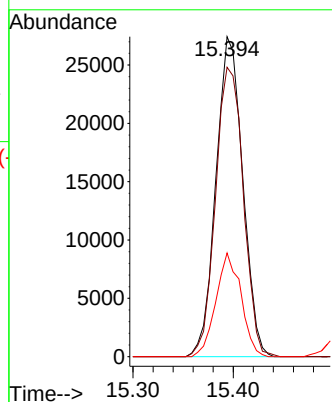
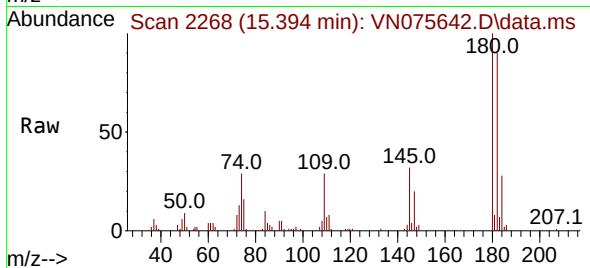
Tgt Ion:180	Resp:	50869
Ion Ratio	Lower	Upper
180	100	
182	93.8	47.8 143.4
145	30.3	16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/09/2022

Supervised By :Mahesh Dadoda 12/09/2022



#94

Hexachlorobutadiene

Concen: 23.002 ug/l

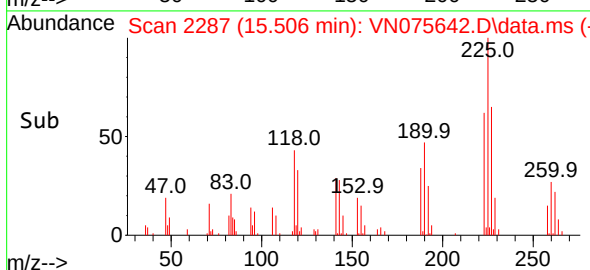
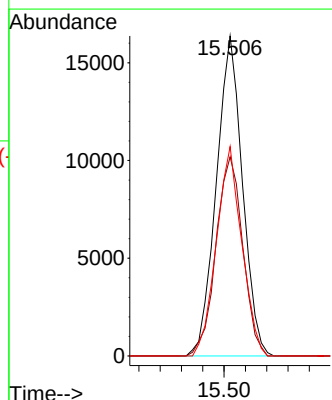
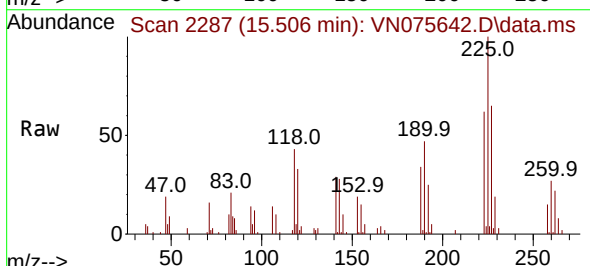
RT: 15.506 min Scan# 2287

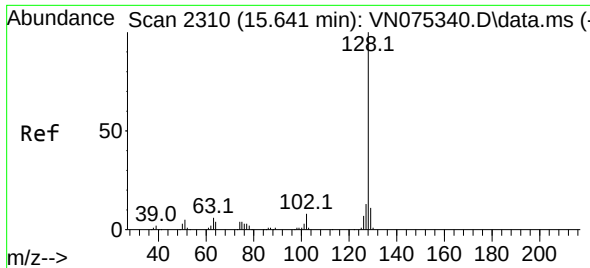
Delta R.T. -0.000 min

Lab File: VN075642.D

Acq: 08 Dec 2022 12:56

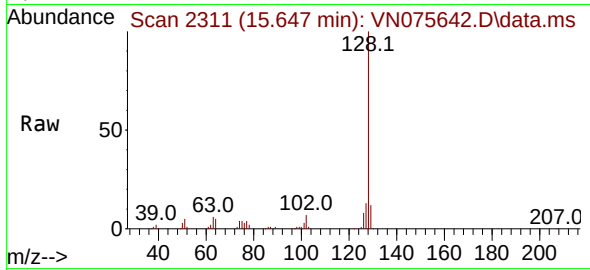
Tgt Ion:225	Resp:	27872
Ion Ratio	Lower	Upper
225	100	
223	63.7	32.3 96.9
227	63.6	32.0 96.2





#95
Naphthalene
Concen: 20.235 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56

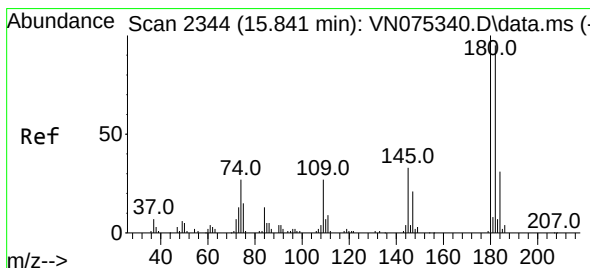
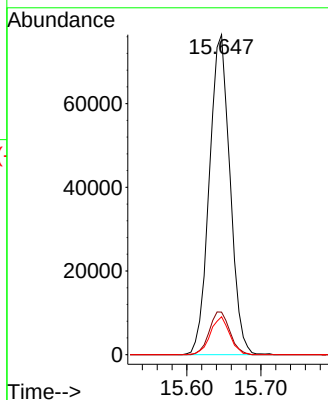
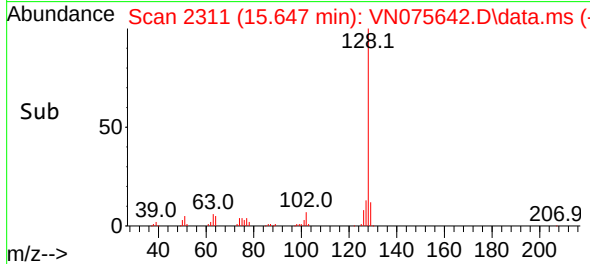
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02



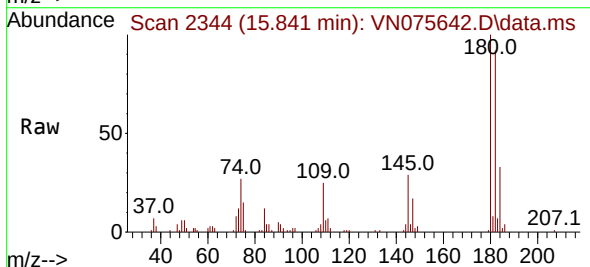
Tgt Ion:128 Resp: 14809
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 11.1 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/09/2022



#96
1,2,3-Trichlorobenzene
Concen: 21.491 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075642.D
Acq: 08 Dec 2022 12:56



Tgt Ion:180 Resp: 49137
Ion Ratio Lower Upper
180 100
182 94.8 47.3 141.8
145 32.3 17.6 52.9

