

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN113022\
 Data File : VN075513.D
 Acq On : 30 Nov 2022 19:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/01/2022
 Supervised By : Mahesh Dadoda 12/01/2022

Quant Time: Dec 01 02:19:49 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	145758	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	236275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	219868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	39210	50.115	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.220%			
35) Dibromofluoromethane	8.171	113	50371	54.269	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.540%			
50) Toluene-d8	10.571	98	108935	52.110	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.220%			
62) 4-Bromofluorobenzene	12.847	95	84233	54.590	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.180%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	50896	45.665	ug/l	99
3) Chloromethane	2.371	50	60900	43.913	ug/l	96
4) Vinyl Chloride	2.524	62	83430	47.734	ug/l	96
5) Bromomethane	2.918	94	85348	55.530	ug/l	98
6) Chloroethane	3.101	64	67281	50.802	ug/l	95
7) Trichlorofluoromethane	3.495	101	119224	47.748	ug/l	99
8) Diethyl Ether	3.971	74	44612	50.977	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	70086	50.845	ug/l	95
10) Methyl Iodide	4.600	142	110536	49.488	ug/l	96
11) Tert butyl alcohol	5.542	59	78863	240.109	ug/l	98
12) 1,1-Dichloroethene	4.342	96	65146	48.264	ug/l	85
13) Acrolein	4.189	56	96021	335.585	ug/l	99
14) Allyl chloride	5.030	41	85783m	49.132	ug/l	
15) Acrylonitrile	5.730	53	195645	259.633	ug/l	97
16) Acetone	4.442	43	153842	210.801	ug/l	96
17) Carbon Disulfide	4.718	76	139505	39.769	ug/l	100
18) Methyl Acetate	5.036	43	101865	55.510	ug/l	95
19) Methyl tert-butyl Ether	5.806	73	240477	50.292	ug/l	99
20) Methylene Chloride	5.283	84	76952	52.051	ug/l	92
21) trans-1,2-Dichloroethene	5.794	96	71421	46.429	ug/l	93
22) Diisopropyl ether	6.683	45	199004	49.947	ug/l	99
23) Vinyl Acetate	6.612	43	806093m	254.305	ug/l	
24) 1,1-Dichloroethane	6.577	63	128052	50.070	ug/l	99
25) 2-Butanone	7.488	43	242681	238.182	ug/l	97
26) 2,2-Dichloropropane	7.494	77	106424	44.776	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	89749	51.597	ug/l	91
28) Bromochloromethane	7.824	49	44817	43.172	ug/l	85
29) Tetrahydrofuran	7.841	42	157421	254.005	ug/l	96
30) Chloroform	7.971	83	145307	49.477	ug/l	99
31) Cyclohexane	8.265	56	107975	43.436	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	135486	50.808	ug/l	97
36) 1,1-Dichloropropene	8.377	75	100171	49.489	ug/l	95
37) Ethyl Acetate	7.565	43	93655	51.386	ug/l	98
38) Carbon Tetrachloride	8.365	117	119930	53.937	ug/l	98
39) Methylcyclohexane	9.606	83	127624	50.379	ug/l	96
40) Benzene	8.612	78	314875	50.809	ug/l	99

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Manual Integrations
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Reviewed By : John Carlone 12/01/2022
 Supervised By : Mahesh Dadoda 12/01/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	51472	55.240	ug/l	97
42) 1,2-Dichloroethane	8.671	62	107447	51.768	ug/l	95
43) Isopropyl Acetate	8.694	43	184161m	62.951	ug/l	
44) Trichloroethene	9.359	130	85244	50.270	ug/l	90
45) 1,2-Dichloropropane	9.624	63	75964	51.437	ug/l	97
46) Dibromomethane	9.712	93	59797	53.531	ug/l #	90
47) Bromodichloromethane	9.888	83	114752	53.047	ug/l	98
48) Methyl methacrylate	9.682	41	71820	53.093	ug/l	95
49) 1,4-Dioxane	9.700	88	42175	1097.992	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	505176	271.122	ug/l	95
52) Toluene	10.635	92	214102	53.612	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	118773	54.692	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	126040	53.437	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	88063	54.141	ug/l	98
56) Ethyl methacrylate	10.877	69	123785	56.353	ug/l	97
57) 1,3-Dichloropropane	11.165	76	141052	53.184	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	219274	276.784	ug/l	95
59) 2-Hexanone	11.200	43	380006	271.599	ug/l	95
60) Dibromochloromethane	11.359	129	96307	57.684	ug/l	97
61) 1,2-Dibromoethane	11.471	107	91392	54.135	ug/l	100
64) Tetrachloroethene	11.106	164	78277	46.620	ug/l	85
65) Chlorobenzene	11.894	112	234337	51.609	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	92885	54.810	ug/l	98
67) Ethyl Benzene	11.965	91	410979	53.053	ug/l	99
68) m/p-Xylenes	12.071	106	334584	106.359	ug/l	100
69) o-Xylene	12.400	106	167541	53.603	ug/l	96
70) Styrene	12.412	104	272475	55.261	ug/l	98
71) Bromoform	12.582	173	76123	59.020	ug/l #	99
73) Isopropylbenzene	12.700	105	429231	50.659	ug/l	98
74) N-amyl acetate	12.500	43	142830	54.832	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	135206	52.341	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	116670m	53.207	ug/l	
77) Bromobenzene	12.982	156	105888	50.621	ug/l	86
78) n-propylbenzene	13.035	91	480375	50.802	ug/l	98
79) 2-Chlorotoluene	13.129	91	290983	51.073	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	372956	52.981	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	41837	56.453	ug/l	98
82) 4-Chlorotoluene	13.129	91	290983	51.073	ug/l	96
83) tert-Butylbenzene	13.441	119	330526	51.498	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	375146	53.129	ug/l	99
85) sec-Butylbenzene	13.618	105	466207	53.534	ug/l	100
86) p-Isopropyltoluene	13.729	119	393965	53.768	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	202282	51.039	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	198567	49.321	ug/l	99
89) n-Butylbenzene	14.059	91	314838	50.875	ug/l	99
90) Hexachloroethane	14.335	117	68638	54.301	ug/l	79
91) 1,2-Dichlorobenzene	14.106	146	199958	51.759	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	26602	54.364	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	100350	50.688	ug/l	98
94) Hexachlorobutadiene	15.506	225	51273	49.721	ug/l	99
95) Naphthalene	15.641	128	321219	51.574	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	99588	51.181	ug/l	97

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VSTDCCC050EC

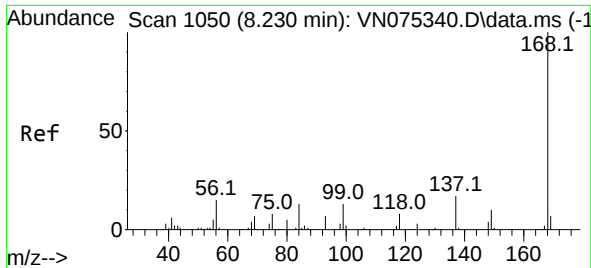
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/01/2022

Quant Time: Dec 01 02:19:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

Instrument :

MSVOA_N

ClientSampleId :

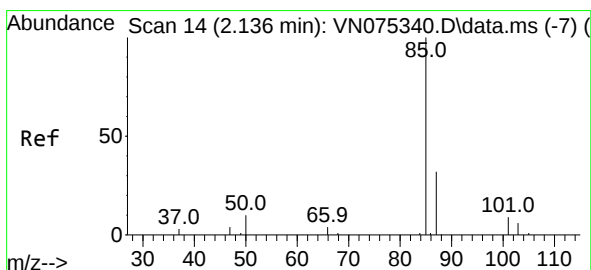
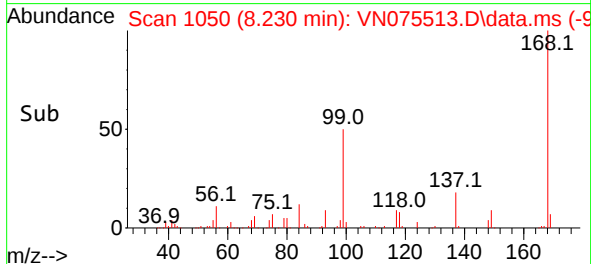
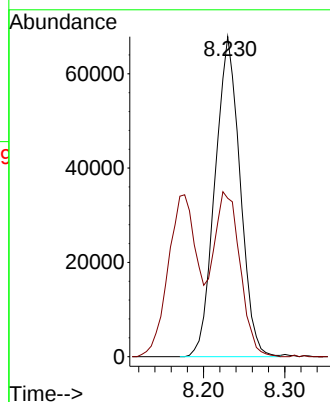
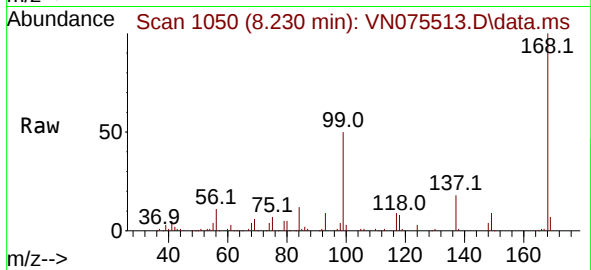
VSTDCCC050EC

Tgt Ion:168 Resp: 145758
Ion Ratio Lower Upper
168 100
99 49.5 51.6 77.4

Manual Integrations

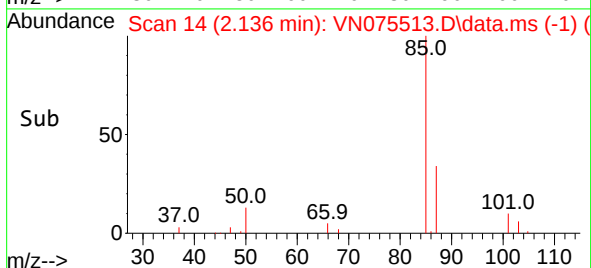
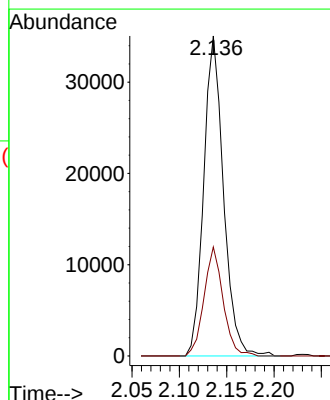
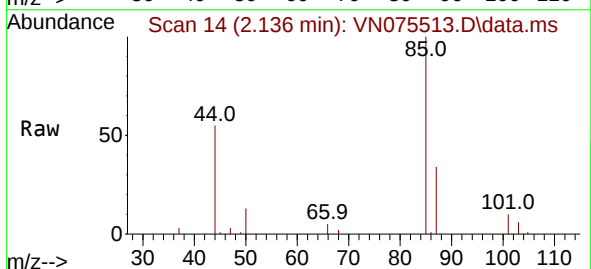
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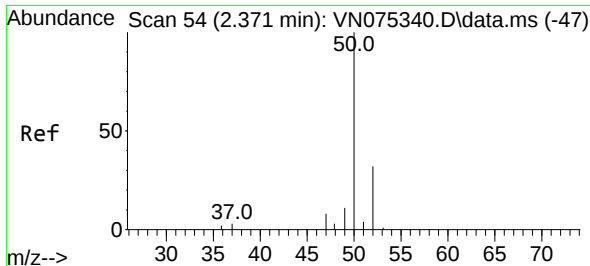
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#2
Dichlorodifluoromethane
Concen: 45.665 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

Tgt Ion: 85 Resp: 50896
Ion Ratio Lower Upper
85 100
87 34.1 16.7 50.0





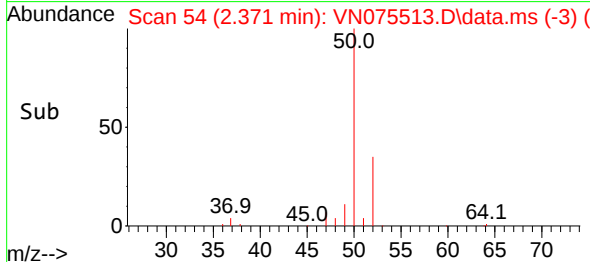
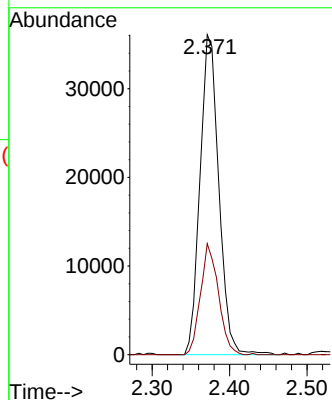
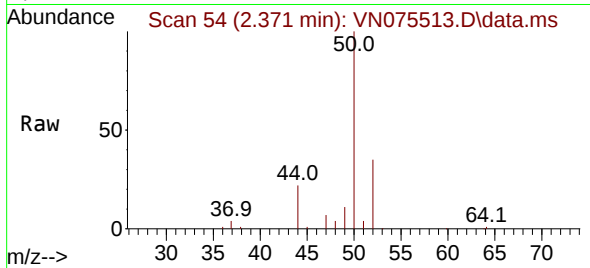
#3
Chloromethane
Concen: 43.913 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 60900
Ion Ratio Lower Upper
50 100
52 34.7 25.8 38.6

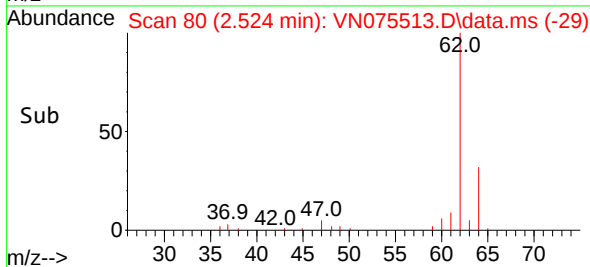
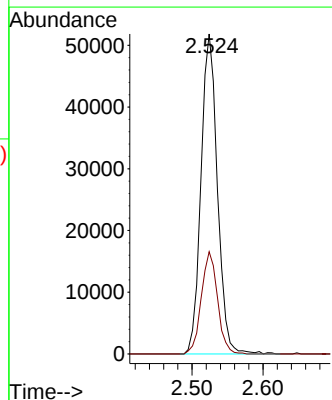
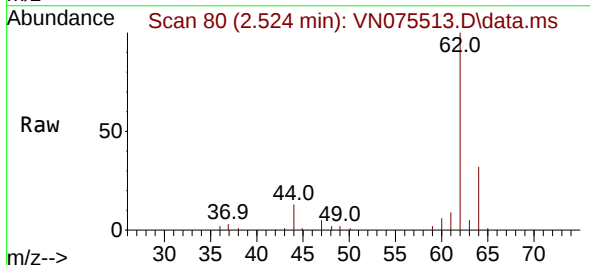
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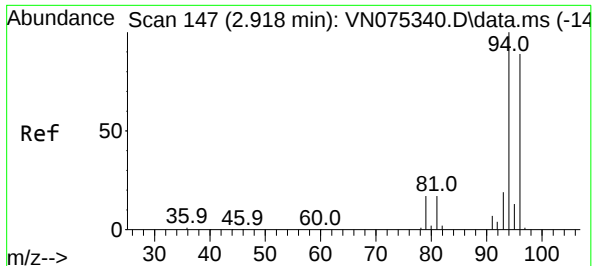
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#4
Vinyl Chloride
Concen: 47.734 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

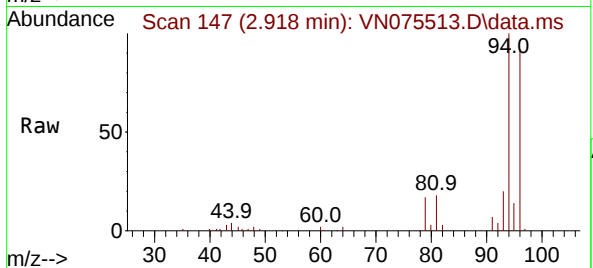
Tgt Ion: 62 Resp: 83430
Ion Ratio Lower Upper
62 100
64 31.9 24.0 36.0





#5
Bromomethane
Concen: 55.530 ug/l
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

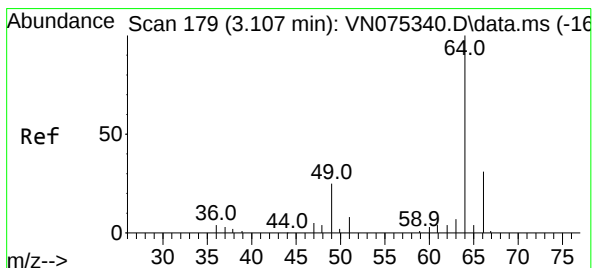
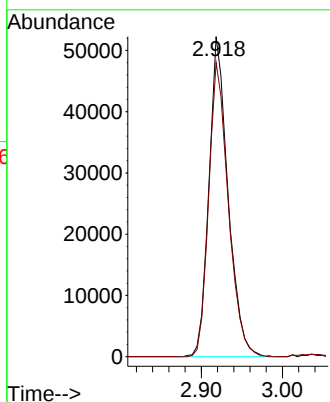
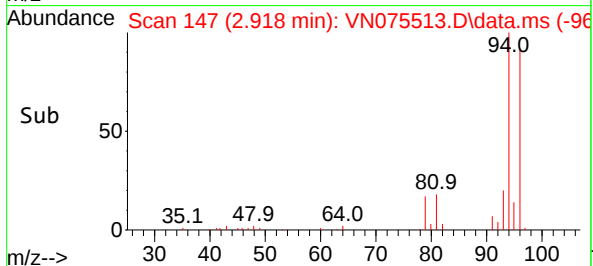
Instrument :
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Tgt Ion: 94 Resp: 85348
Ion Ratio Lower Upper
94 100
96 91.9 71.8 107.6

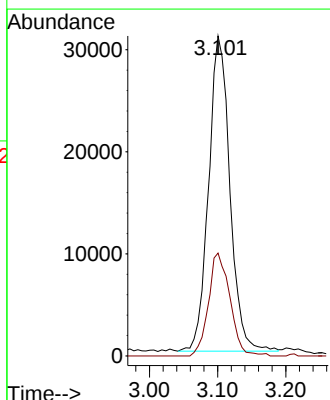
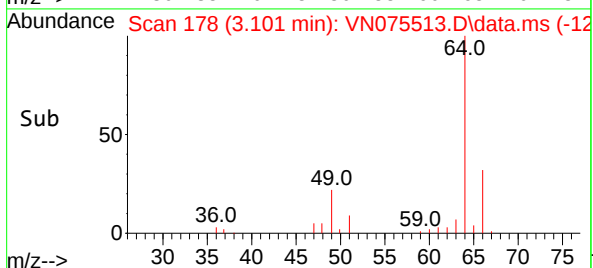
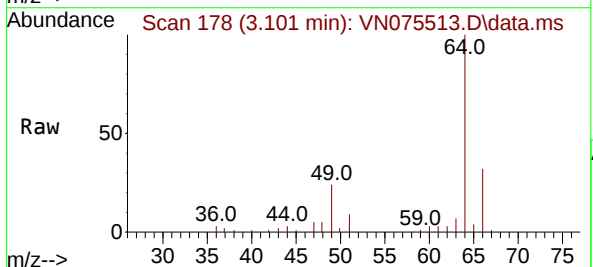
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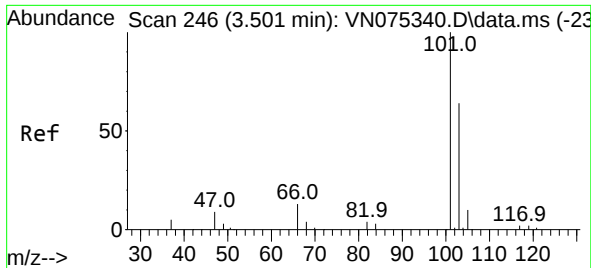
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#6
Chloroethane
Concen: 50.802 ug/l
RT: 3.101 min Scan# 178
Delta R.T. -0.006 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

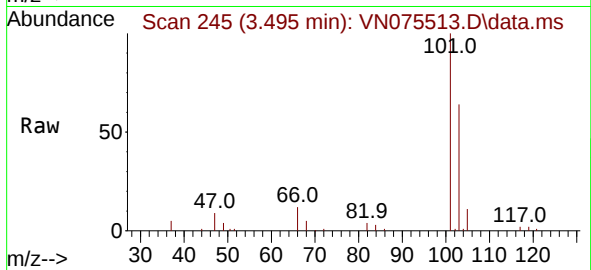
Tgt Ion: 64 Resp: 67281
Ion Ratio Lower Upper
64 100
66 32.7 23.8 35.8





#7
Trichlorofluoromethane
Concen: 47.748 ug/l
RT: 3.495 min Scan# 246
Delta R.T. -0.006 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

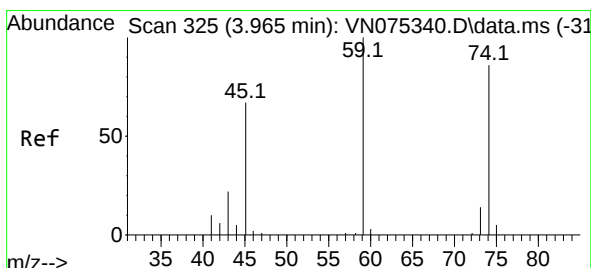
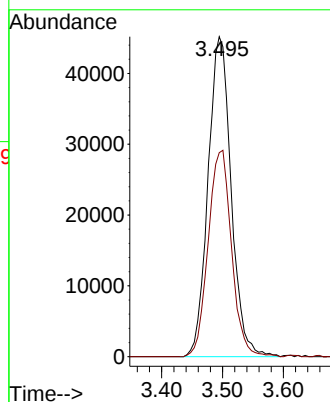
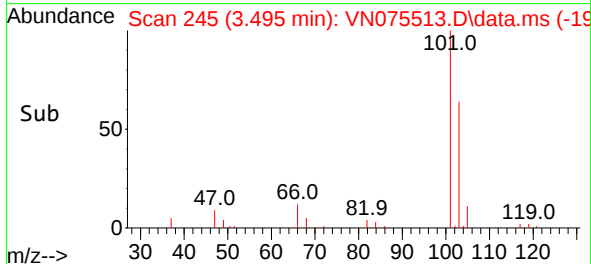
Instrument :
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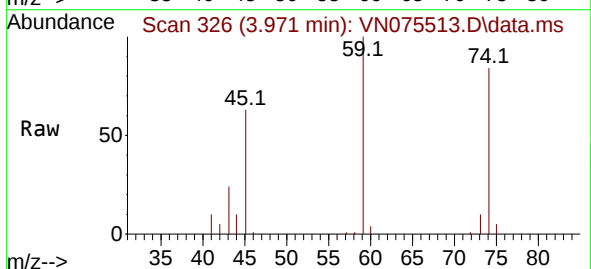
Tgt Ion:101 Resp: 119224
Ion Ratio Lower Upper
101 100
103 63.8 50.5 75.7

Manual Integrations
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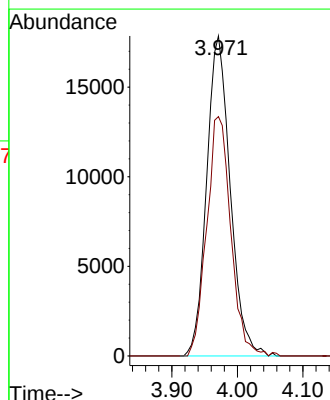
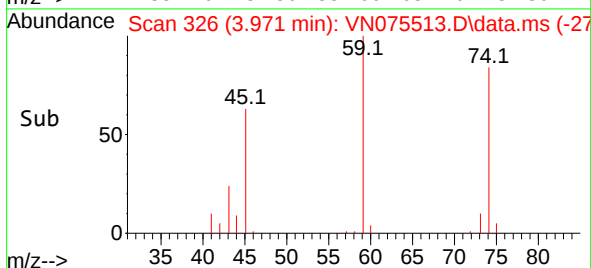
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#8
Diethyl Ether
Concen: 50.977 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.006 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51



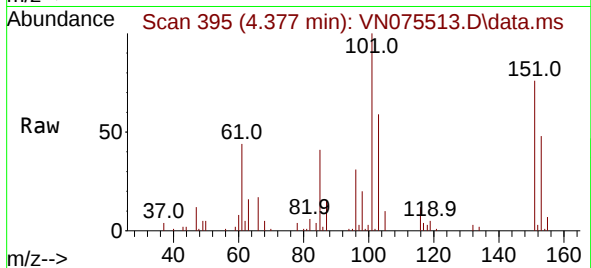
Tgt Ion: 74 Resp: 44612
Ion Ratio Lower Upper
74 100
45 76.2 39.3 117.9





#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.845 ug/l
 RT: 4.377 min Scan# 395
 Delta R.T. -0.000 min
 Lab File: VN075513.D
 Acq: 30 Nov 2022 19:51

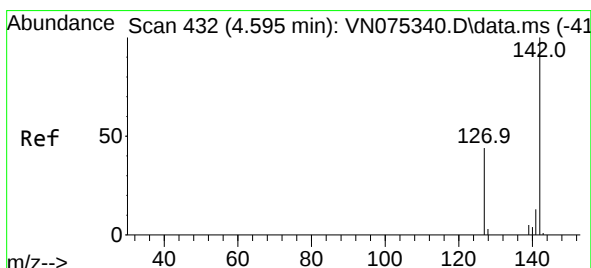
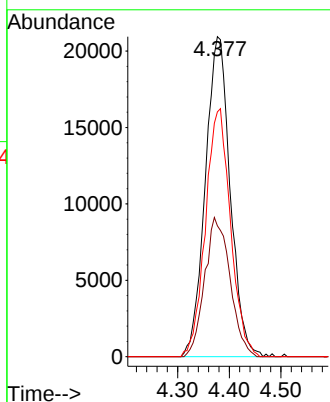
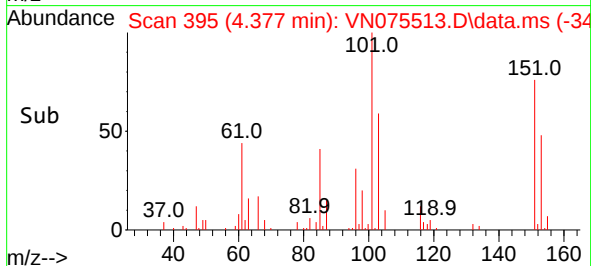
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 VSTDCCC050EC



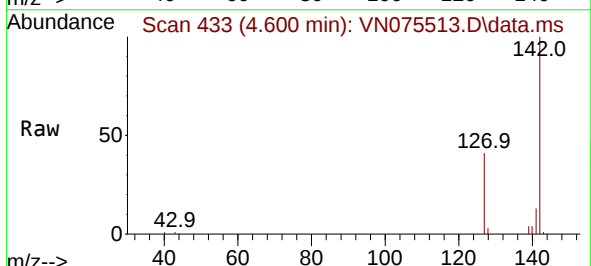
Tgt Ion:101 Resp: 70086
 Ion Ratio Lower Upper
 101 100
 85 44.4 37.6 56.4
 151 78.0 58.3 87.5

Manual Integrations
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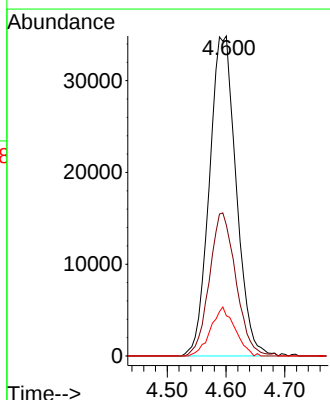
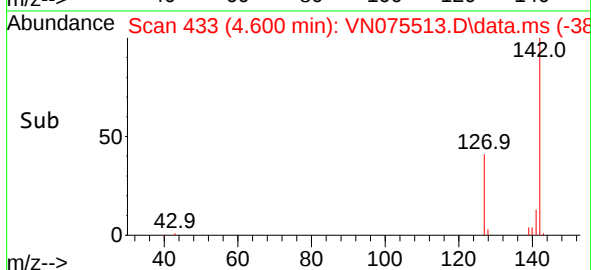
Reviewed By :John Carlone 12/01/2022
 Supervised By :Mahesh Dadoda 12/01/2022

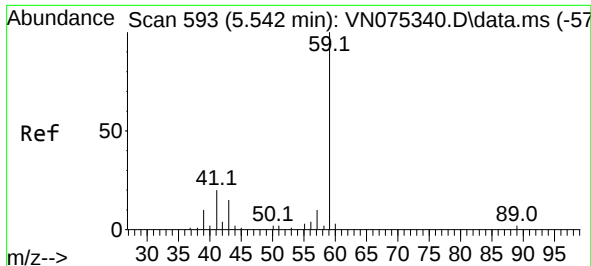


#10
 Methyl Iodide
 Concen: 49.488 ug/l
 RT: 4.600 min Scan# 433
 Delta R.T. 0.005 min
 Lab File: VN075513.D
 Acq: 30 Nov 2022 19:51



Tgt Ion:142 Resp: 110536
 Ion Ratio Lower Upper
 142 100
 127 44.2 38.0 57.0
 141 13.9 12.2 18.4





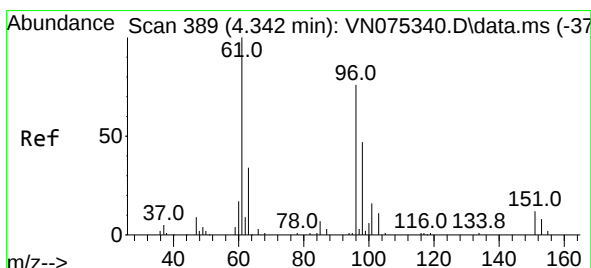
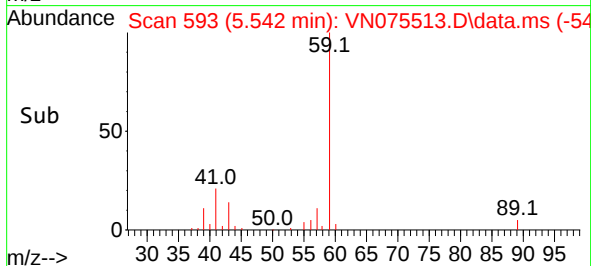
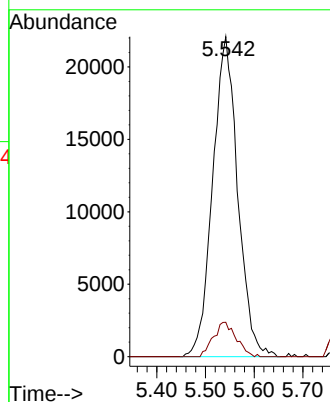
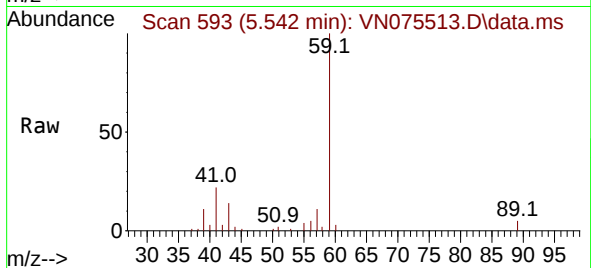
#11
Tert butyl alcohol
Concen: 240.109 ug/l
RT: 5.542 min Scan# 593
Delta R.T. -0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 7886
Ion Ratio Lower Upper
59 100
57 9.8 8.5 12.7

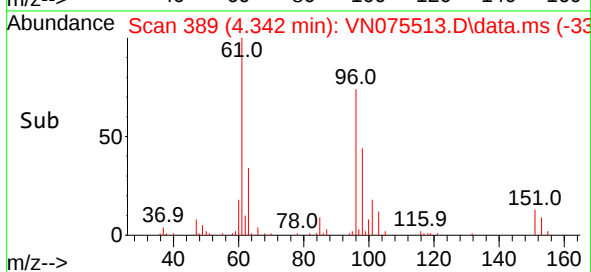
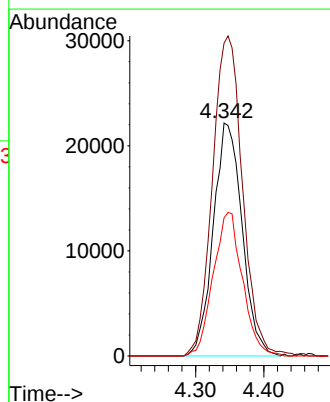
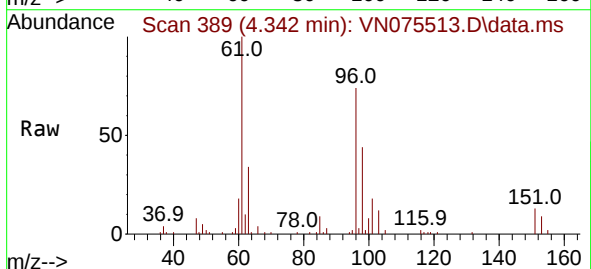
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#12
1,1-Dichloroethene
Concen: 48.264 ug/l
RT: 4.342 min Scan# 389
Delta R.T. -0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

Tgt Ion: 96 Resp: 65146
Ion Ratio Lower Upper
96 100
61 134.3 126.2 189.4
98 59.3 51.5 77.3





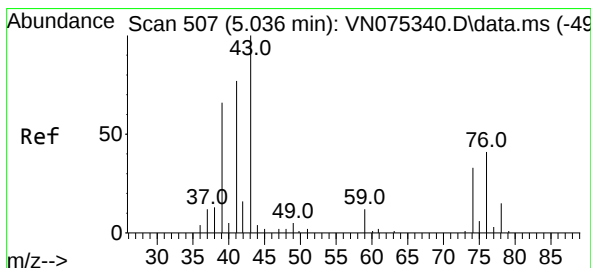
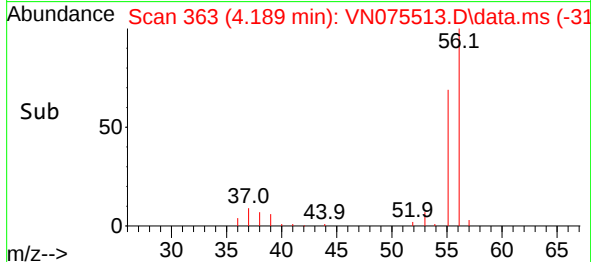
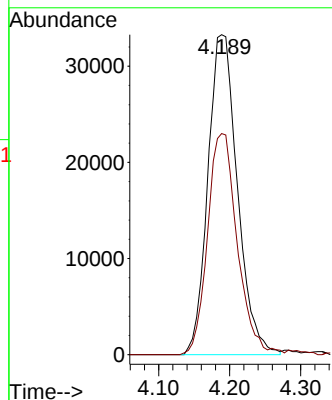
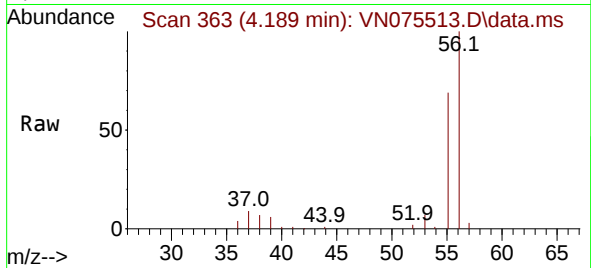
#13
Acrolein
Concen: 335.585 ug/l
RT: 4.189 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 9602
Ion Ratio Lower Upper
56 100
55 69.5 55.2 82.8

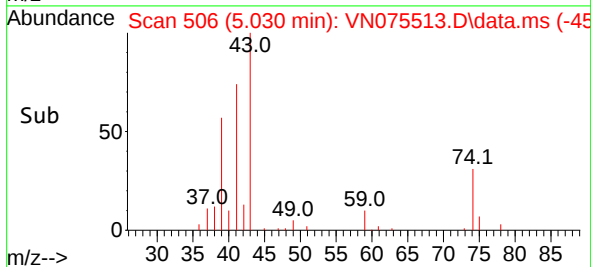
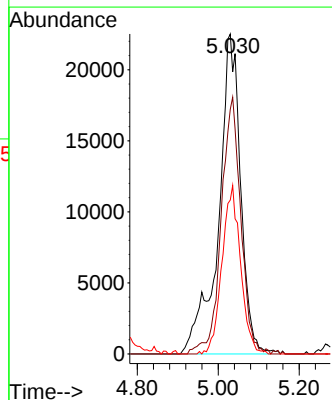
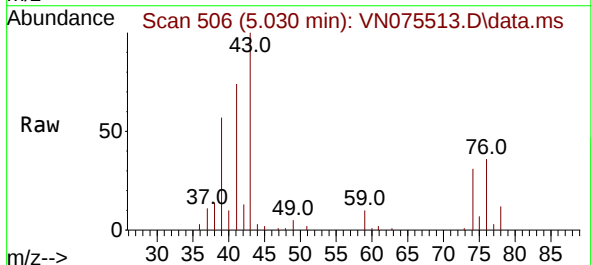
Manual Integrations
APPROVED

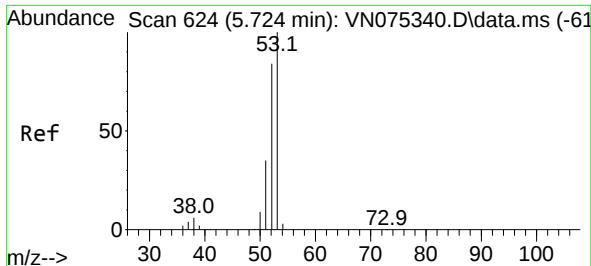
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#14
Allyl chloride
Concen: 49.132 ug/l m
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

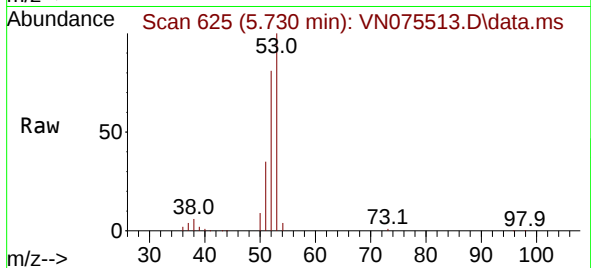
Tgt Ion: 41 Resp: 85783
Ion Ratio Lower Upper
41 100
39 71.0 61.0 91.4
76 43.9 33.4 50.0





#15
Acrylonitrile
Concen: 259.633 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

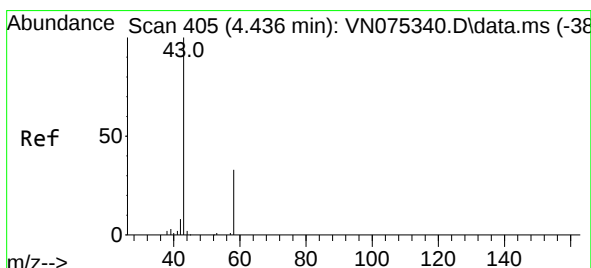
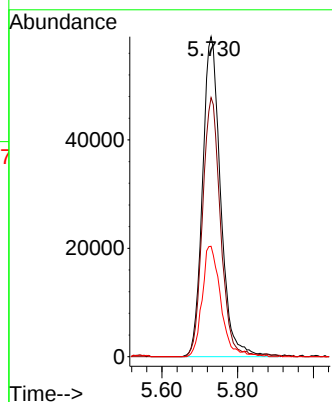
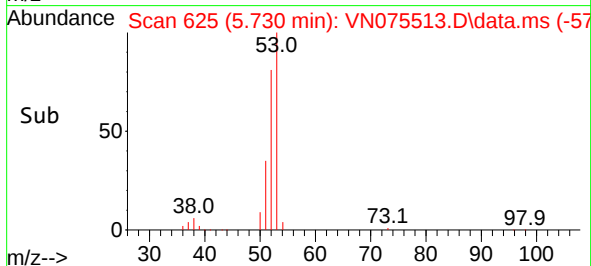
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 195649
Ion Ratio Lower Upper
53 100
52 80.1 66.4 99.6
51 35.7 29.6 44.4

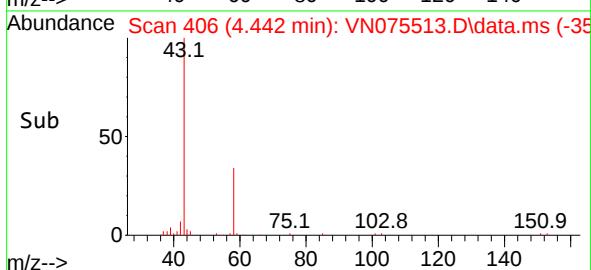
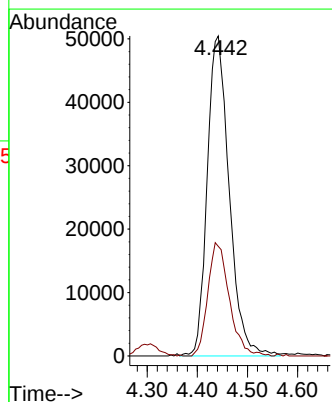
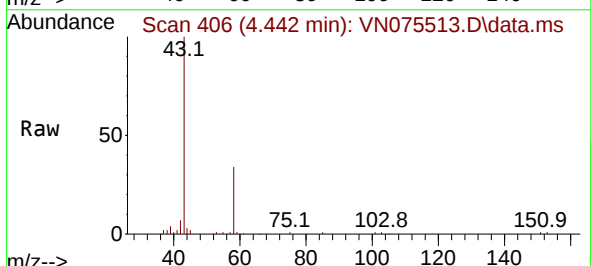
Manual Integrations
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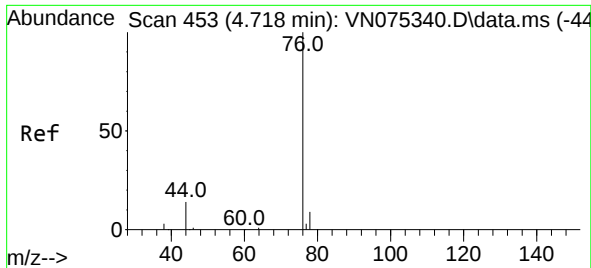
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#16
Acetone
Concen: 210.801 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

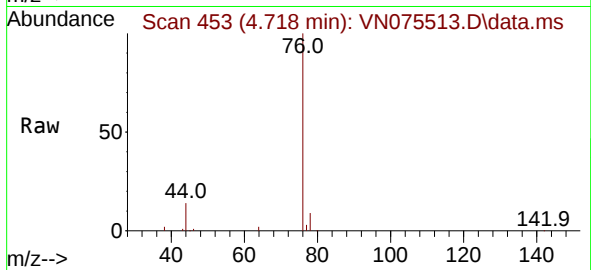
Tgt Ion: 43 Resp: 153842
Ion Ratio Lower Upper
43 100
58 33.9 25.5 38.3





#17
Carbon Disulfide
Concen: 39.769 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

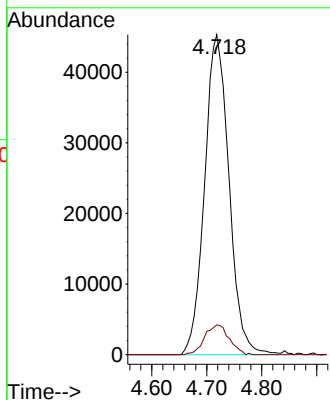
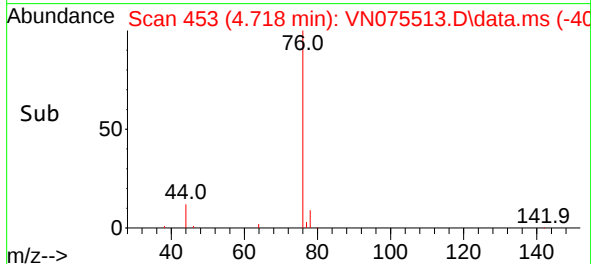
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



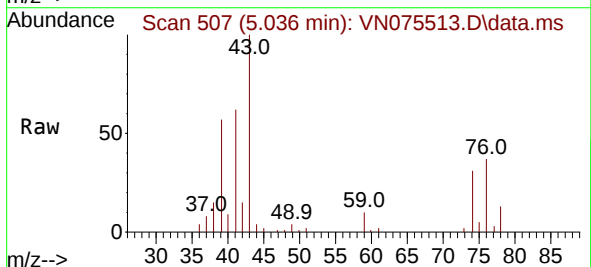
Tgt Ion: 76 Resp: 13950
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

Manual Integrations
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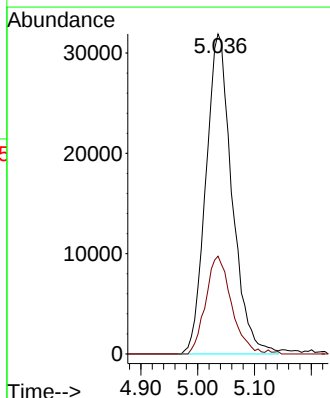
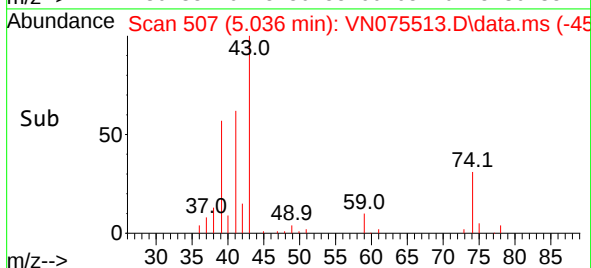
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

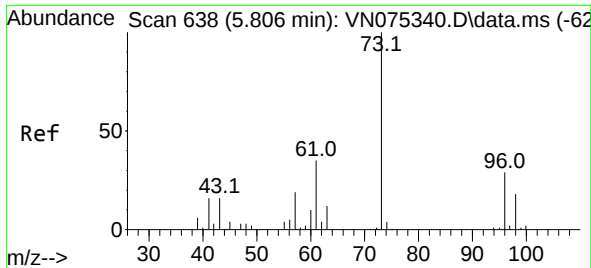


#18
Methyl Acetate
Concen: 55.510 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51



Tgt Ion: 43 Resp: 101865
Ion Ratio Lower Upper
43 100
74 30.1 22.0 33.0





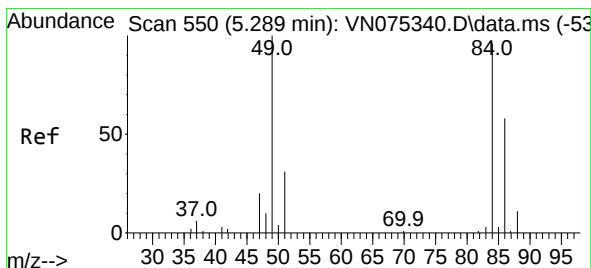
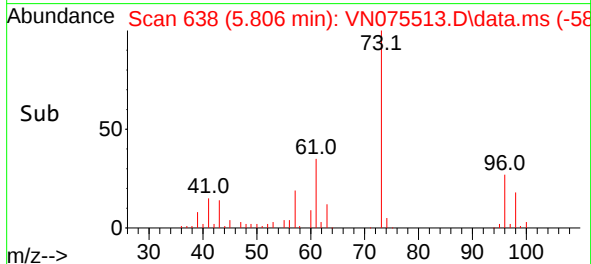
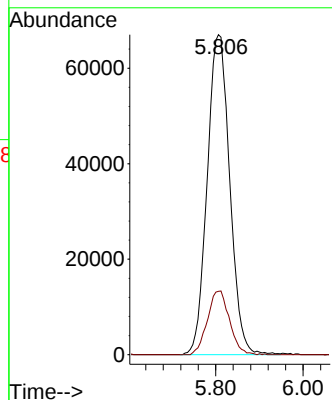
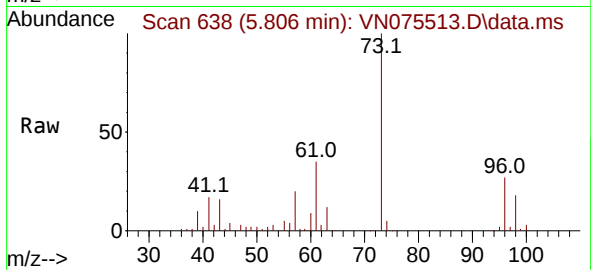
#19
Methyl tert-butyl Ether
Concen: 50.292 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 24047
Ion Ratio Lower Upper
73 100
57 19.8 16.3 24.5

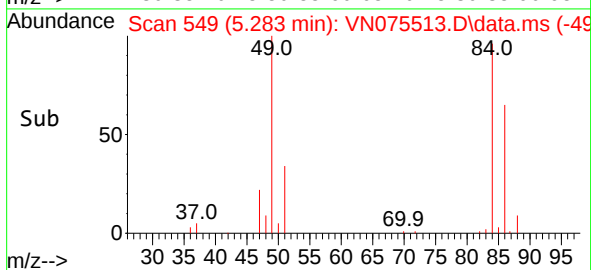
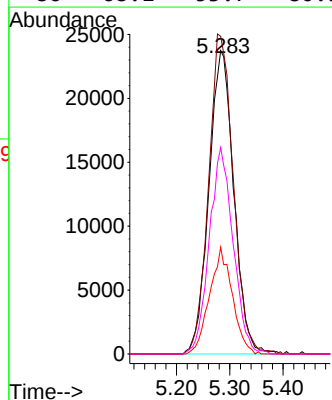
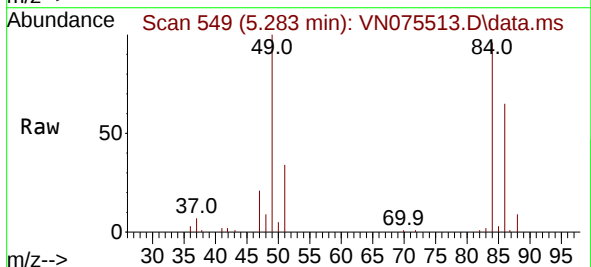
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#20
Methylene Chloride
Concen: 52.051 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

Tgt Ion: 84 Resp: 76952
Ion Ratio Lower Upper
84 100
49 104.7 94.9 142.3
51 35.2 26.8 40.2
86 68.1 53.7 80.5





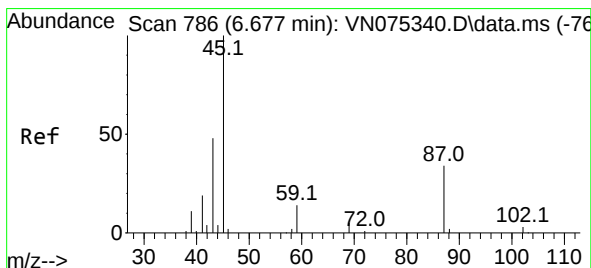
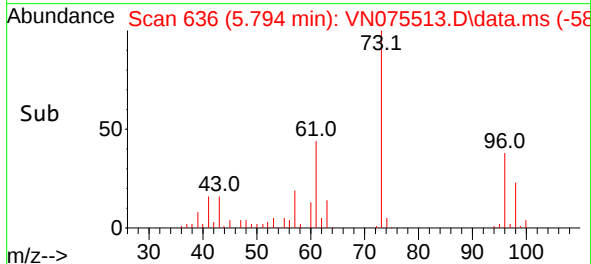
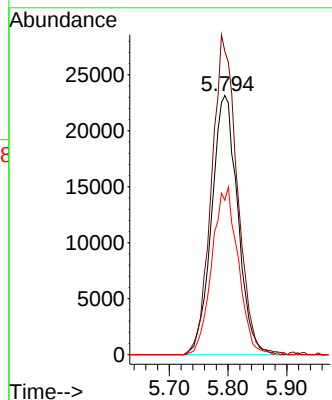
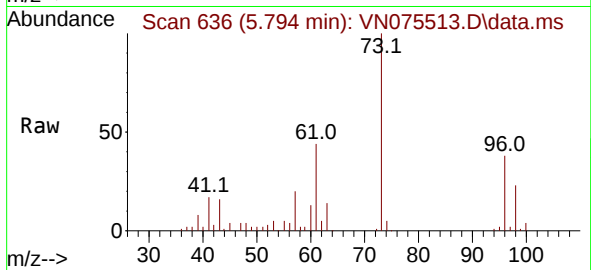
#21
trans-1,2-Dichloroethene
Concen: 46.429 ug/l
RT: 5.794 min Scan# 612
Delta R.T. -0.001 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 7142
Ion Ratio Lower Upper
96 100
61 116.9 99.9 149.9
98 59.6 51.5 77.3

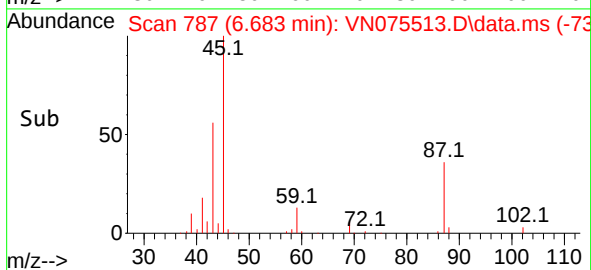
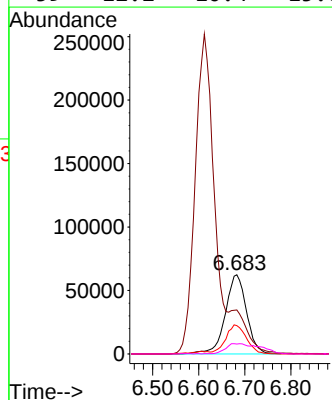
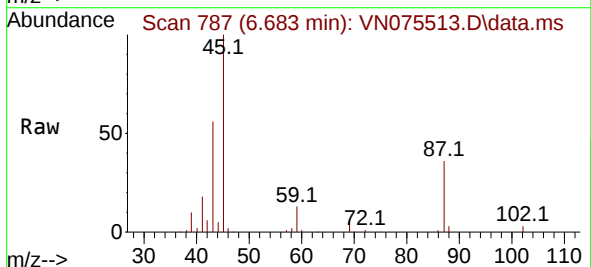
Manual Integrations
APPROVED

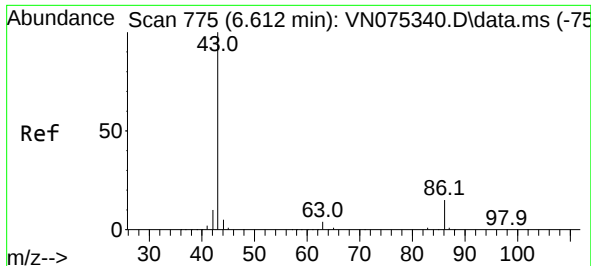
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#22
Diisopropyl ether
Concen: 49.947 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.006 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

Tgt Ion: 45 Resp: 199004
Ion Ratio Lower Upper
45 100
43 54.6 42.8 64.2
87 35.9 28.4 42.6
59 12.2 10.4 15.6





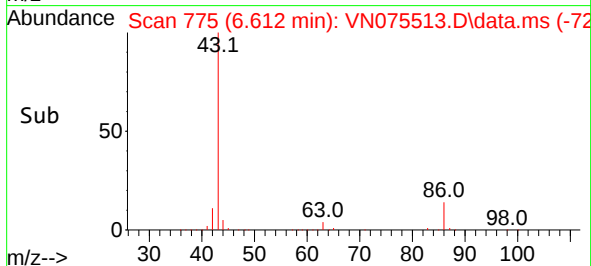
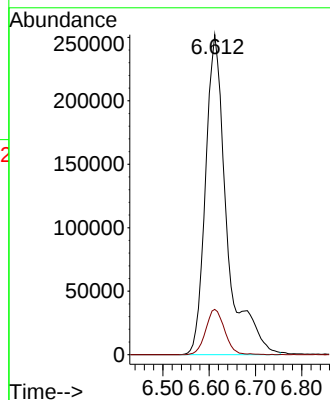
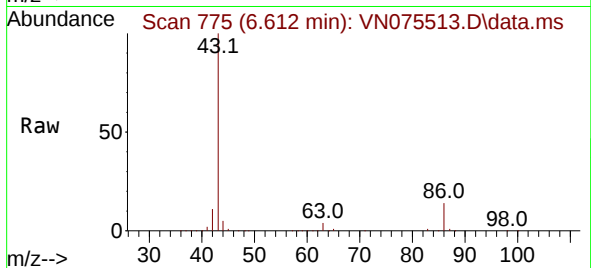
#23
 Vinyl Acetate
 Concen: 254.305 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075513.D
 Acq: 30 Nov 2022 19:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 806093
 Ion Ratio Lower Upper
 43 100
 86 14.2 10.7 16.1

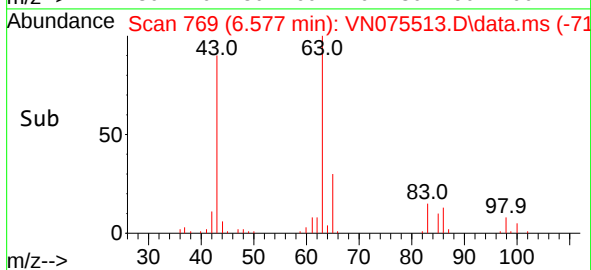
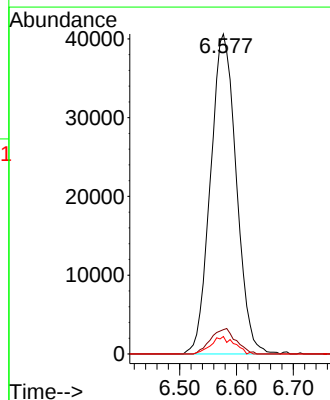
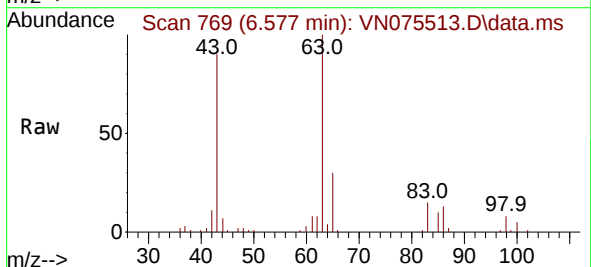
Manual Integrations
 APPROVED

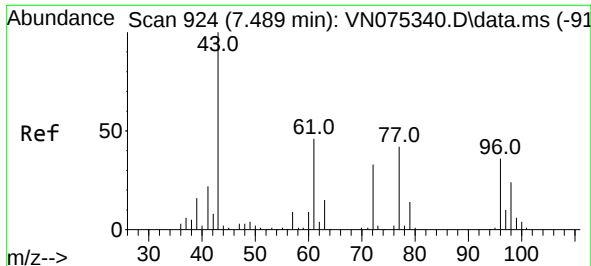
Reviewed By :John Carlone 12/01/2022
 Supervised By :Mahesh Dadoda 12/01/2022



#24
 1,1-Dichloroethane
 Concen: 50.070 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075513.D
 Acq: 30 Nov 2022 19:51

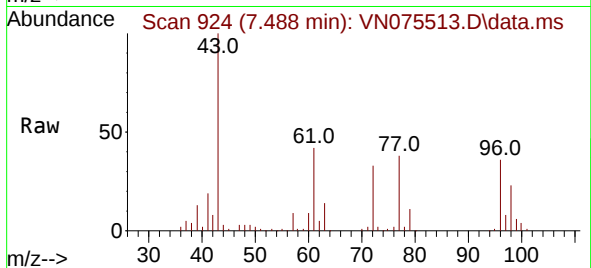
Tgt Ion: 63 Resp: 128052
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.8
 100 5.4 2.4 7.2





#25
2-Butanone
Concen: 238.182 ug/l
RT: 7.488 min Scan# 912
Delta R.T. -0.001 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

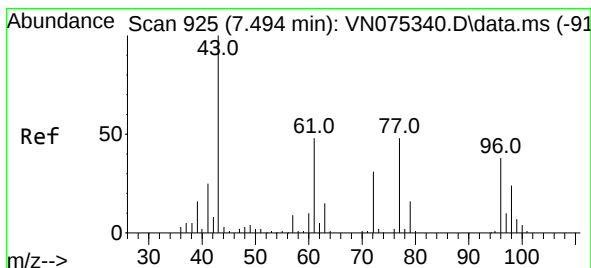
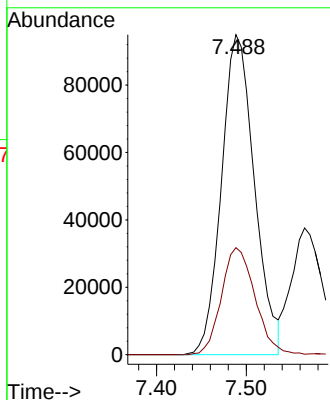
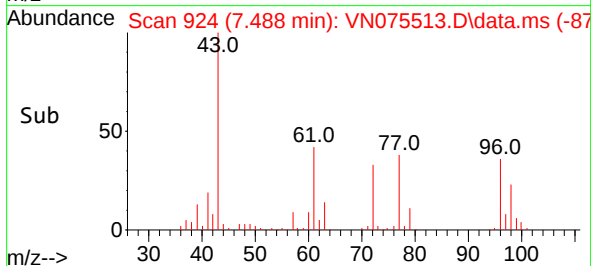
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



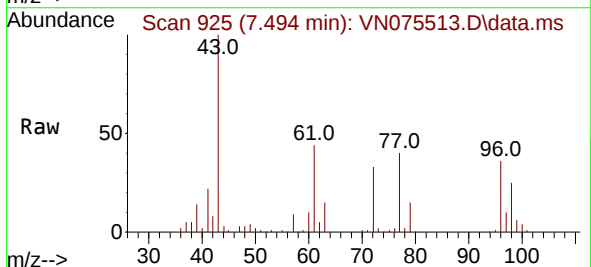
Tgt Ion: 43 Resp: 24268
Ion Ratio Lower Upper
43 100
72 33.4 25.5 38.3

Manual Integrations
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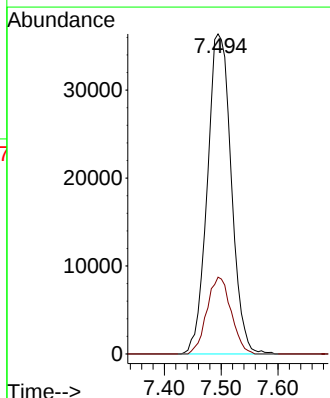
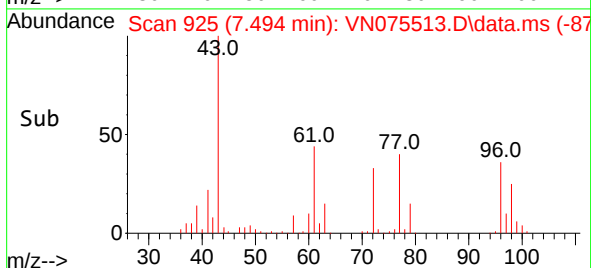
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

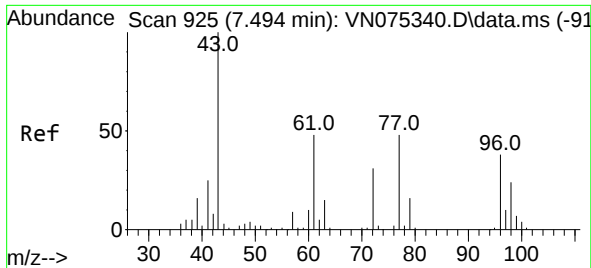


#26
2,2-Dichloropropane
Concen: 44.776 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51



Tgt Ion: 77 Resp: 106424
Ion Ratio Lower Upper
77 100
97 24.2 11.2 33.6





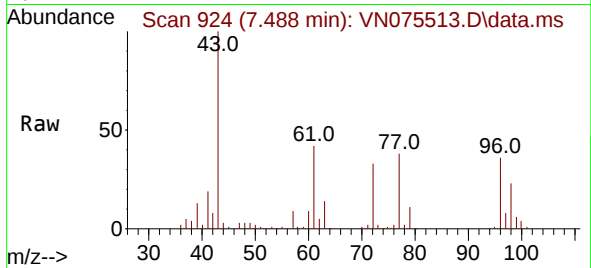
#27
 cis-1,2-Dichloroethene
 Concen: 51.597 ug/l
 RT: 7.488 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN075513.D
 Acq: 30 Nov 2022 19:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



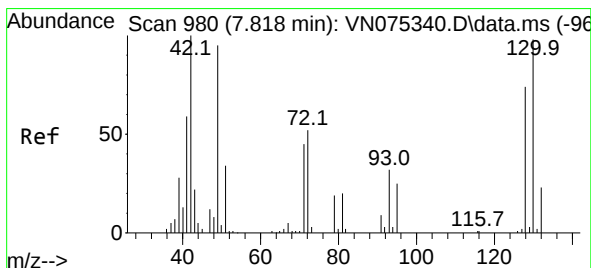
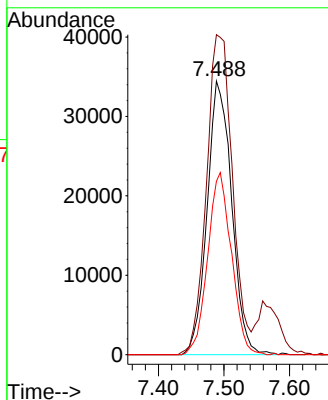
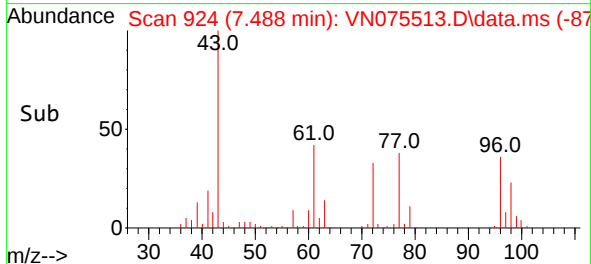
Tgt Ion: 96 Resp: 89749
 Ion Ratio Lower Upper
 96 100
 61 123.7 0.0 278.8
 98 64.3 0.0 128.4

Manual Integrations

APPROVED

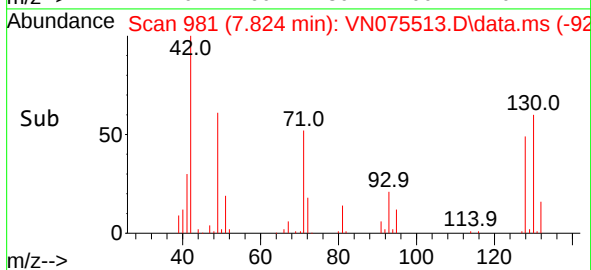
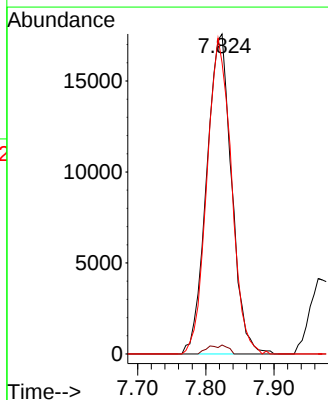
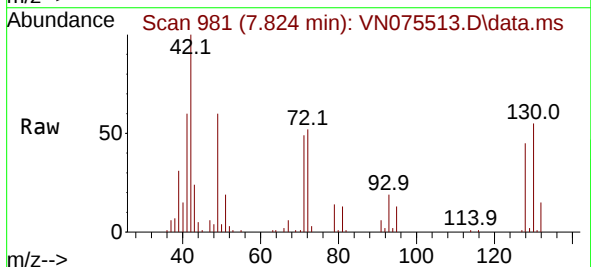
Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#28
 Bromochloromethane
 Concen: 43.172 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.006 min
 Lab File: VN075513.D
 Acq: 30 Nov 2022 19:51

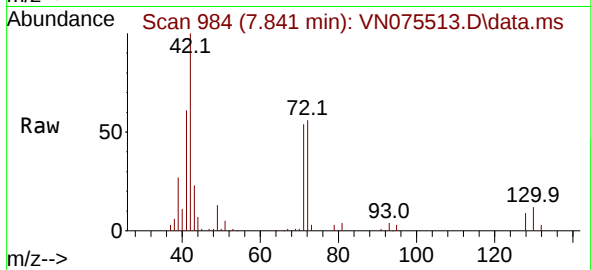
Tgt Ion: 49 Resp: 44817
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.6
 130 96.7 66.2 99.4





#29
Tetrahydrofuran
Concen: 254.005 ug/l
RT: 7.841 min Scan# 984
Delta R.T. 0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

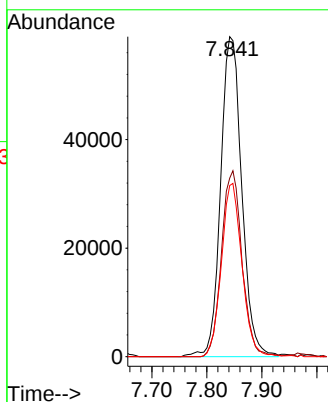
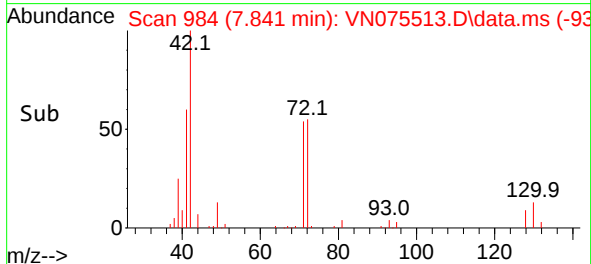
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



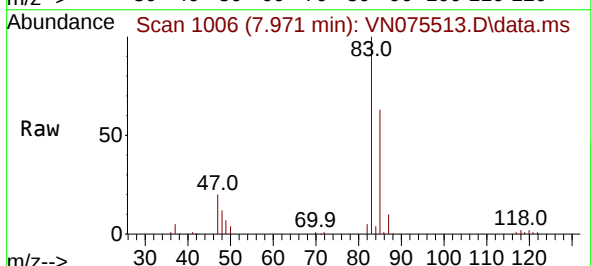
Tgt Ion: 42 Resp: 15742
Ion Ratio Lower Upper
42 100
72 56.6 43.0 64.6
71 52.6 39.9 59.9

Manual Integrations
APPROVED

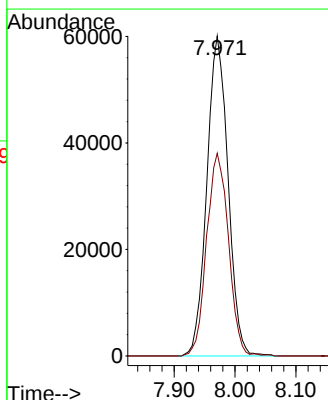
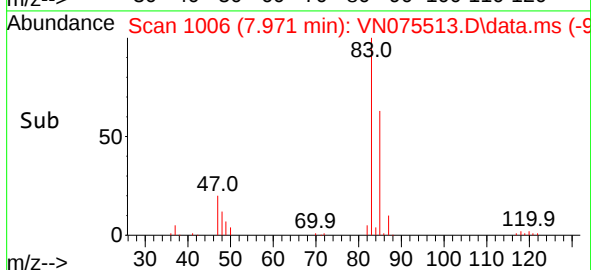
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

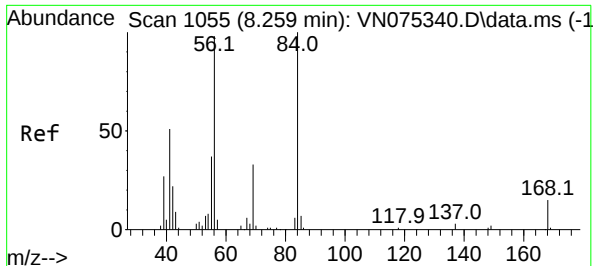


#30
Chloroform
Concen: 49.477 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51



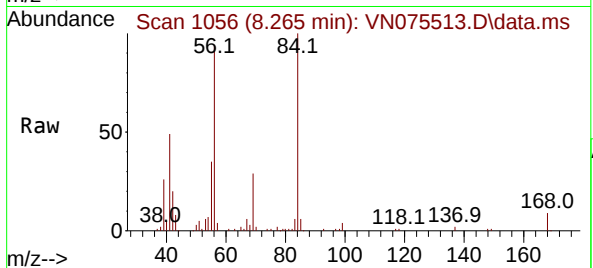
Tgt Ion: 83 Resp: 145307
Ion Ratio Lower Upper
83 100
85 63.3 51.4 77.0





#31
Cyclohexane
Concen: 43.436 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

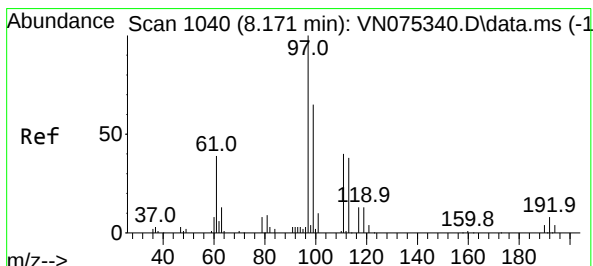
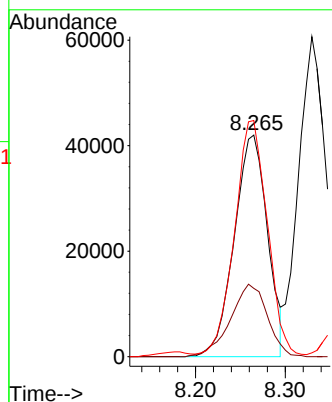
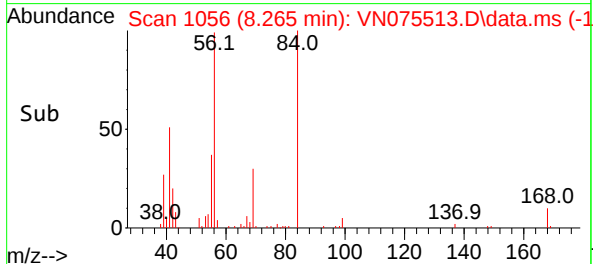
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 10797
Ion Ratio Lower Upper
56 100
69 30.8 25.2 37.8
84 104.4 77.8 116.8

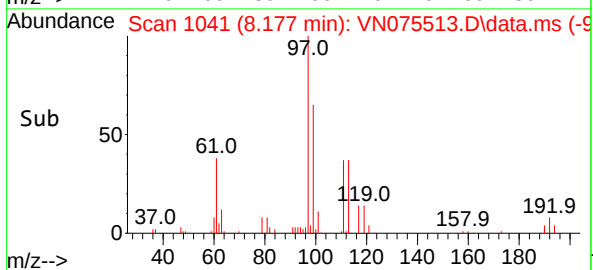
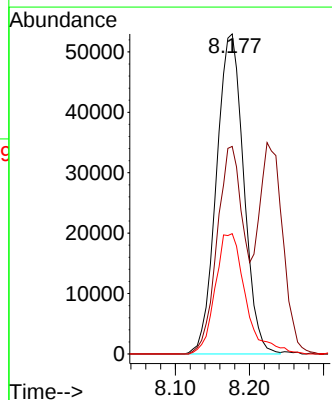
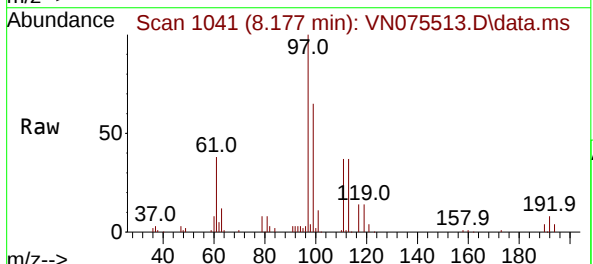
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#32
1,1,1-Trichloroethane
Concen: 50.808 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

Tgt Ion: 97 Resp: 135486
Ion Ratio Lower Upper
97 100
99 62.8 50.2 75.2
61 41.8 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 50.115 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075513.D

Acq: 30 Nov 2022 19:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 39210

Ion Ratio Lower Upper

65 100

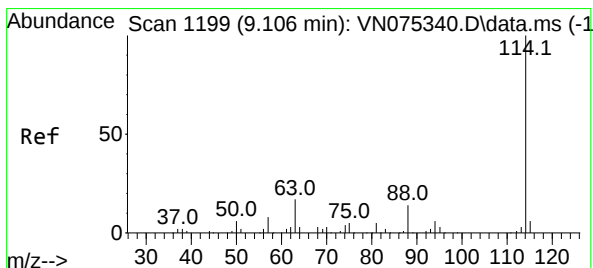
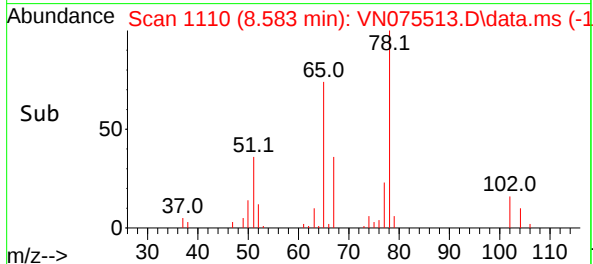
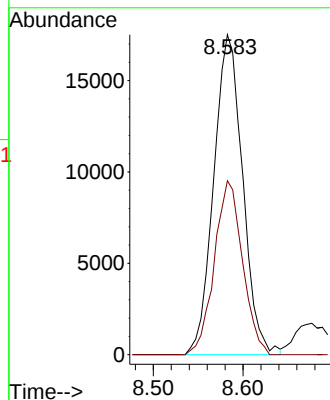
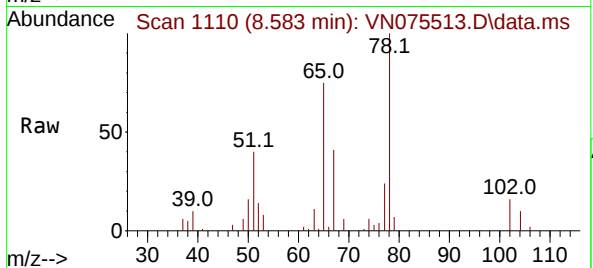
67 52.8 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075513.D

Acq: 30 Nov 2022 19:51

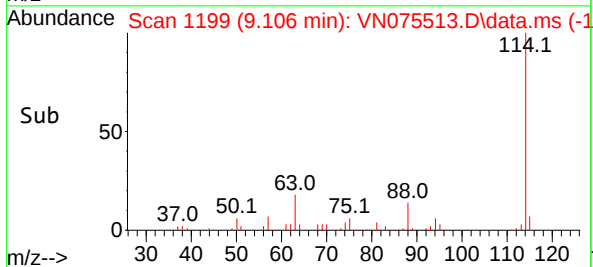
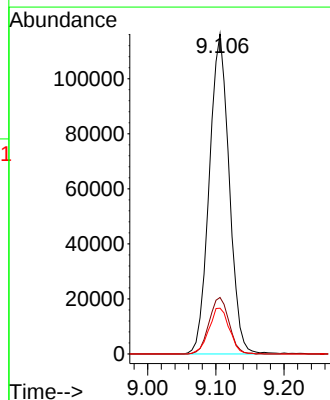
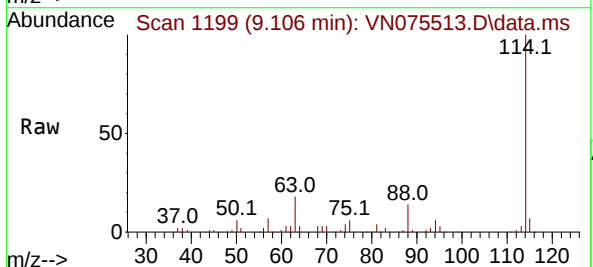
Tgt Ion:114 Resp: 236275

Ion Ratio Lower Upper

114 100

63 17.7 0.0 39.6

88 14.3 0.0 29.0





#35

Dibromofluoromethane

Concen: 54.269 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075513.D

Acq: 30 Nov 2022 19:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 5037

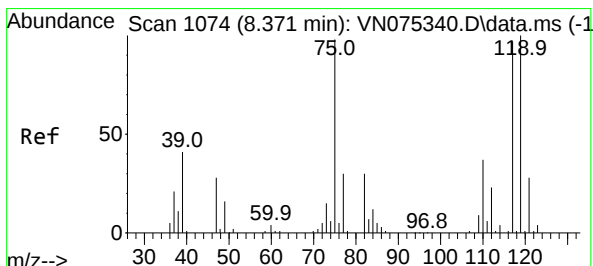
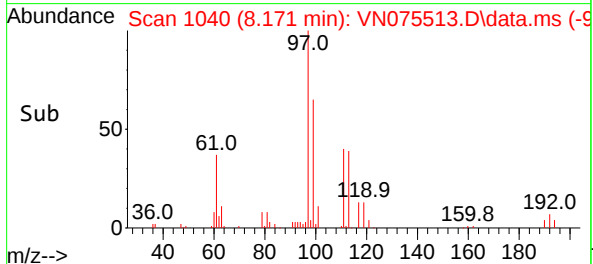
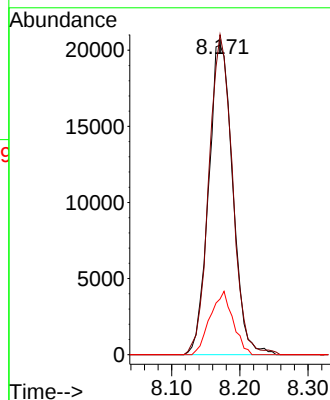
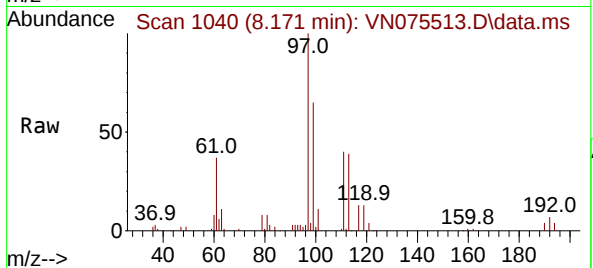
Ion	Ratio	Lower	Upper
113	100		
111	100.4	80.5	120.7
192	19.3	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#36

1,1-Dichloropropene

Concen: 49.489 ug/l

RT: 8.377 min Scan# 1075

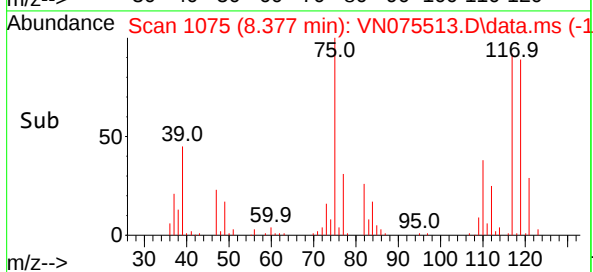
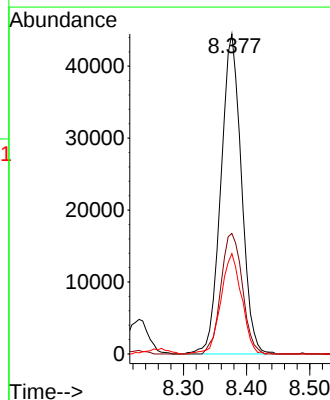
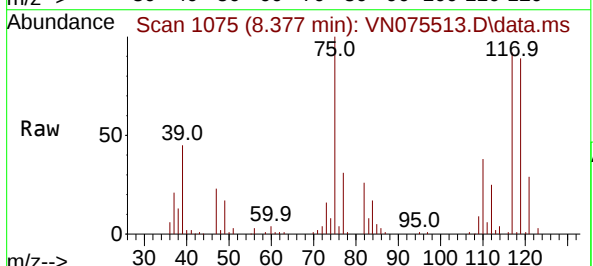
Delta R.T. 0.006 min

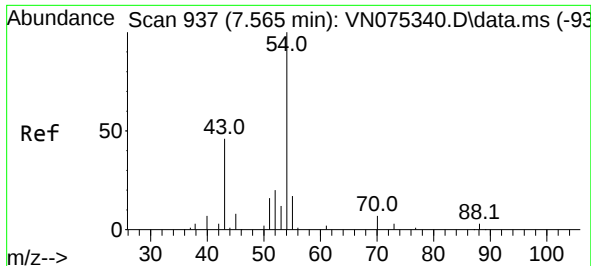
Lab File: VN075513.D

Acq: 30 Nov 2022 19:51

Tgt Ion: 75 Resp: 100171

Ion	Ratio	Lower	Upper
75	100		
110	39.6	17.8	53.3
77	31.7	24.6	37.0





#37

Ethyl Acetate

Concen: 51.386 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075513.D

Acq: 30 Nov 2022 19:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

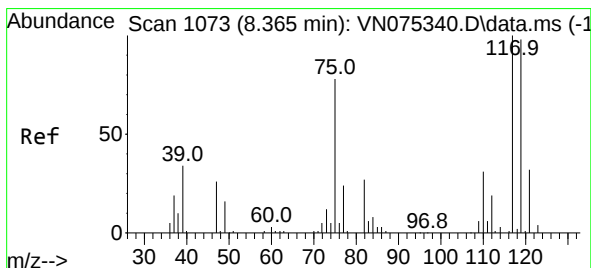
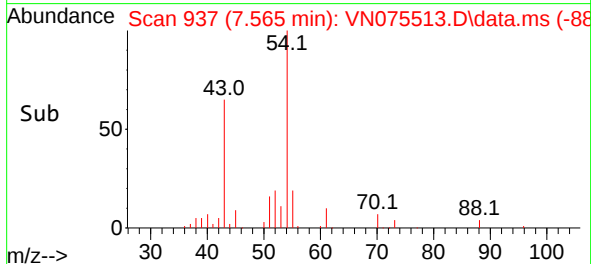
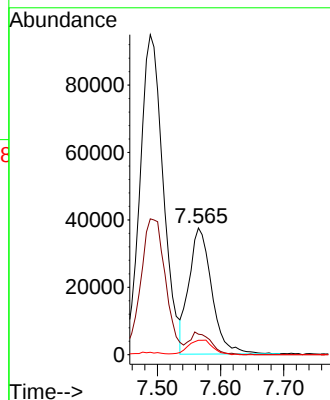
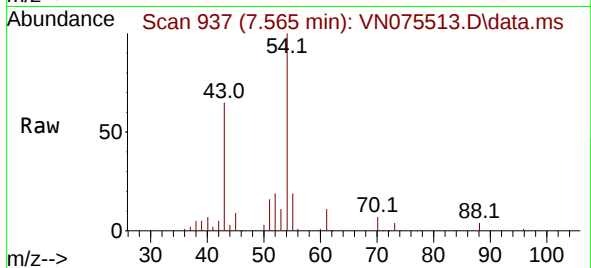
Tgt Ion:	43	Resp:	9365
Ion Ratio	Lower	Upper	
43	100		
61	16.6	12.2	18.4
70	12.5	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#38

Carbon Tetrachloride

Concen: 53.937 ug/l

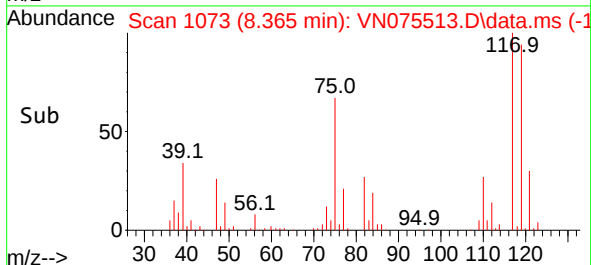
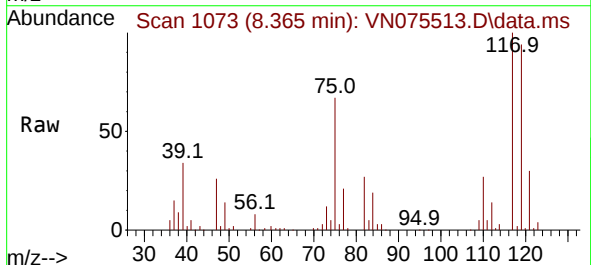
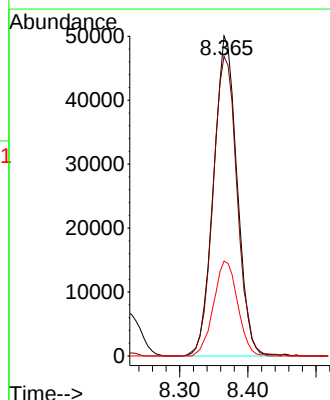
RT: 8.365 min Scan# 1073

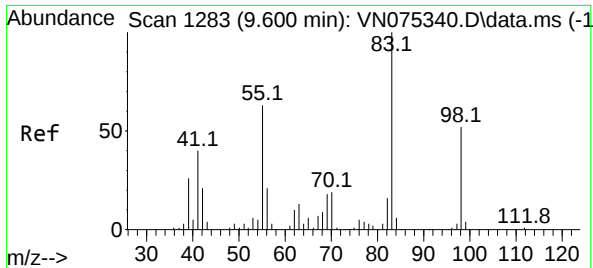
Delta R.T. -0.000 min

Lab File: VN075513.D

Acq: 30 Nov 2022 19:51

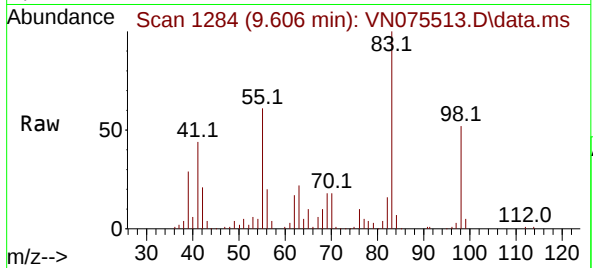
Tgt Ion:	117	Resp:	119930
Ion Ratio	Lower	Upper	
117	100		
119	93.6	76.7	115.1
121	29.6	23.9	35.9





#39
Methylcyclohexane
Concen: 50.379 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

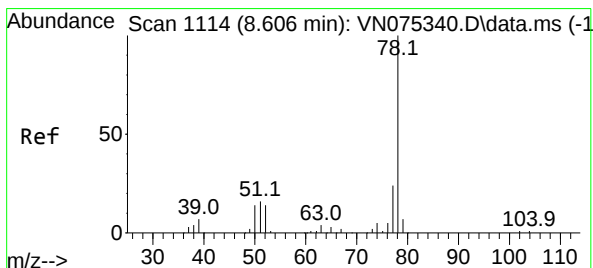
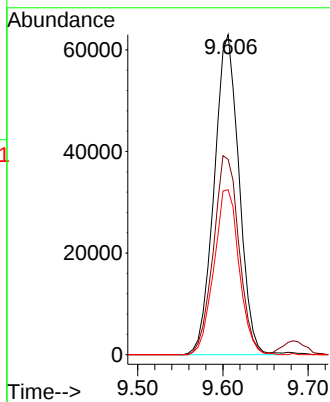
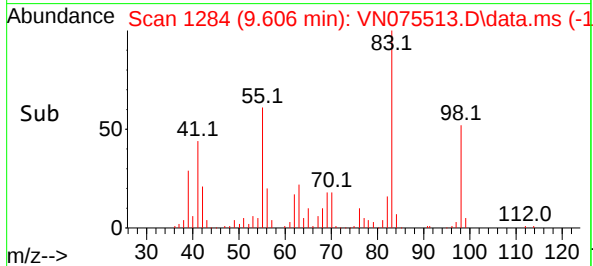
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



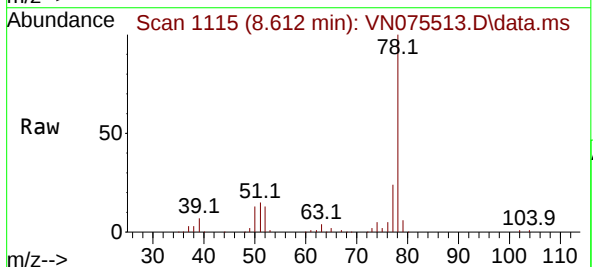
Tgt Ion: 83 Resp: 127624
Ion Ratio Lower Upper
83 100
55 61.0 53.6 80.4
98 51.5 41.1 61.7

Manual Integrations
APPROVED

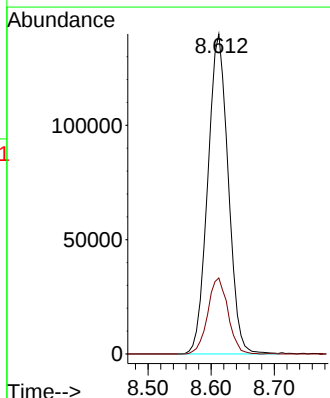
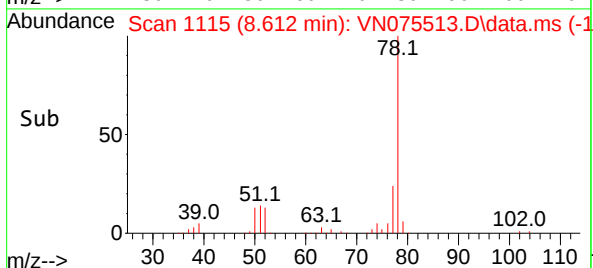
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#40
Benzene
Concen: 50.809 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51



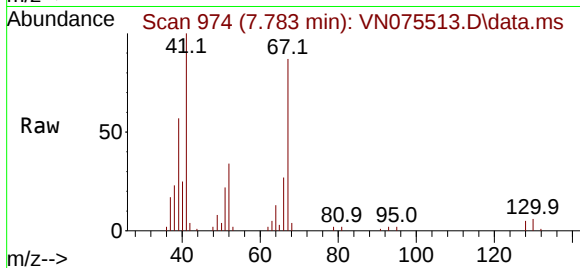
Tgt Ion: 78 Resp: 314875
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.0





#41
Methacrylonitrile
Concen: 55.240 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

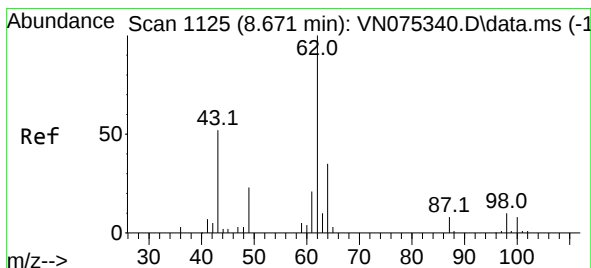
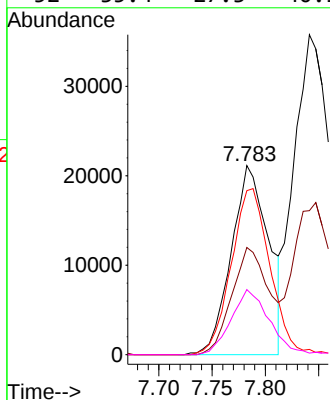
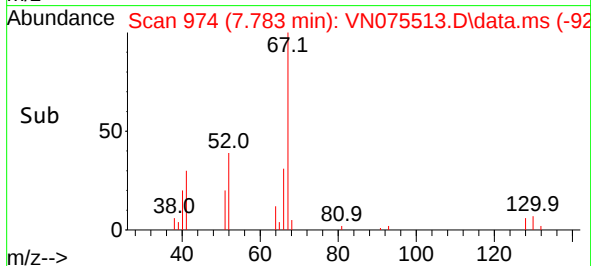
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 51472
Ion Ratio Lower Upper
41 100
39 55.9 44.4 66.6
67 91.4 69.8 104.6
52 35.4 27.3 40.9

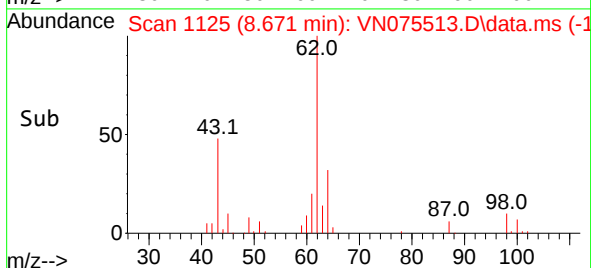
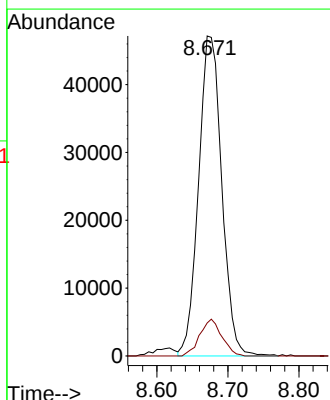
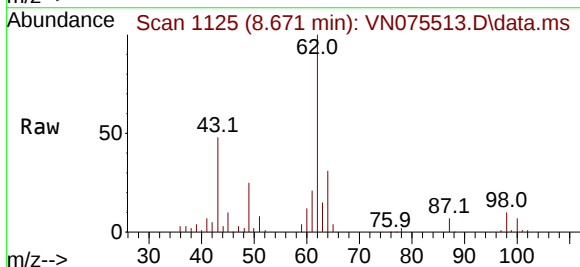
Manual Integrations
APPROVED

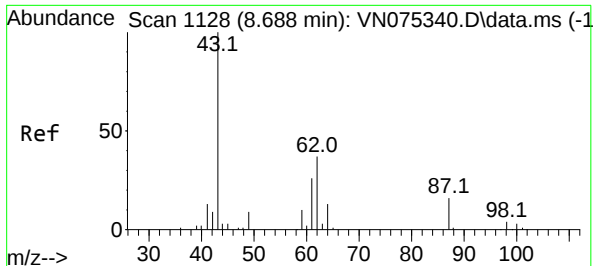
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#42
1,2-Dichloroethane
Concen: 51.768 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

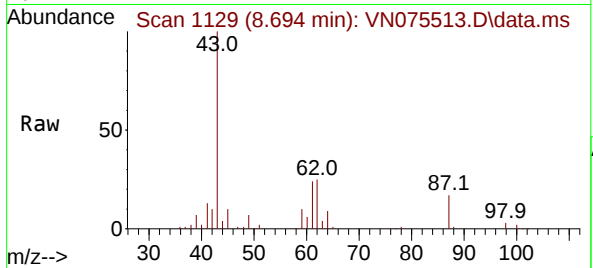
Tgt Ion: 62 Resp: 107447
Ion Ratio Lower Upper
62 100
98 10.9 0.0 18.2





#43
Isopropyl Acetate
Concen: 62.951 ug/l m
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

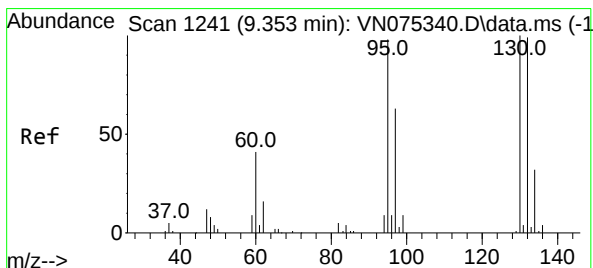
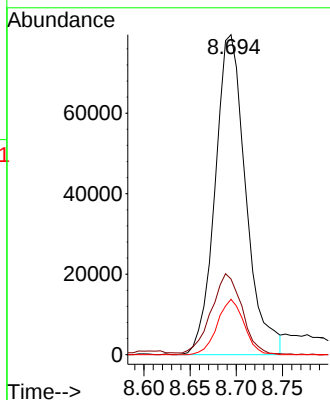
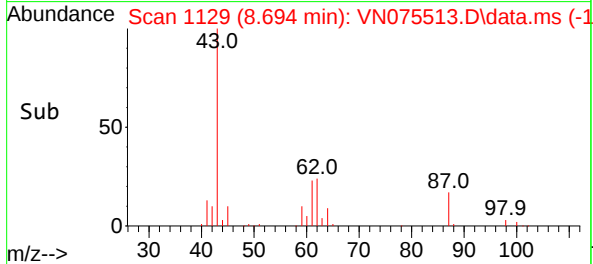
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 18416
Ion Ratio Lower Upper
43 100
61 25.7 22.4 33.6
87 15.1 12.5 18.7

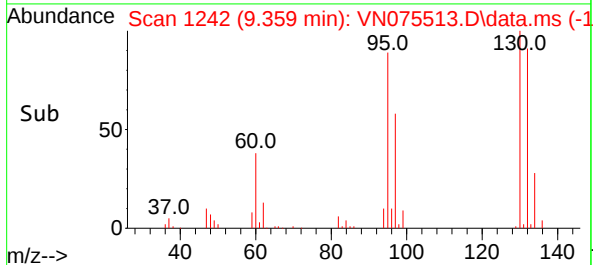
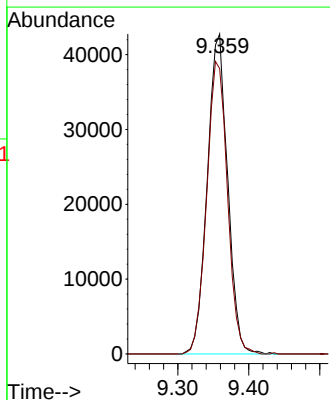
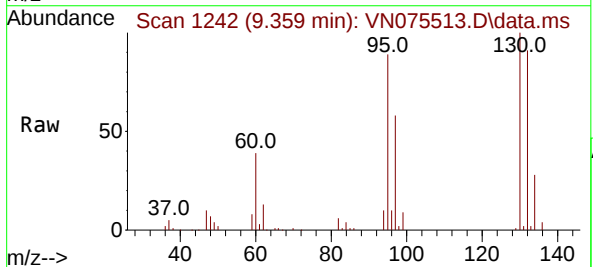
Manual Integrations
APPROVED

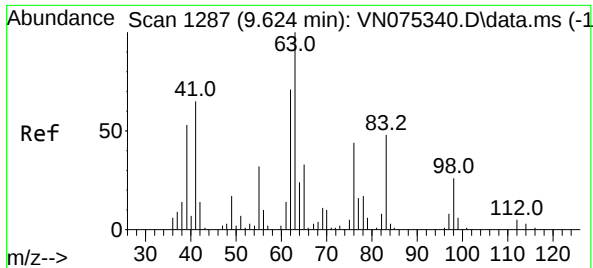
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#44
Trichloroethene
Concen: 50.270 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

Tgt Ion:130 Resp: 85244
Ion Ratio Lower Upper
130 100
95 89.2 0.0 198.4





#45

1,2-Dichloropropane

Concen: 51.437 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075513.D

Acq: 30 Nov 2022 19:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 75964

Ion Ratio Lower Upper

63 100

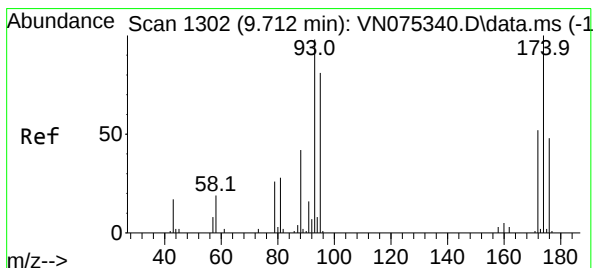
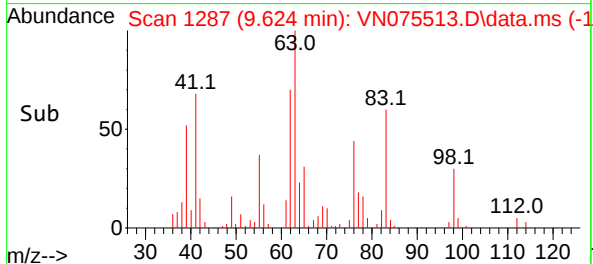
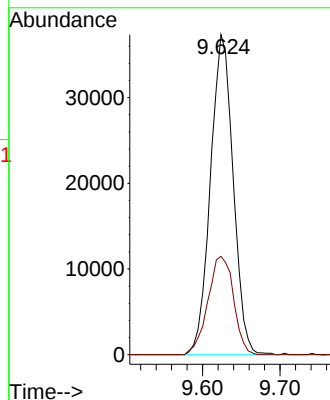
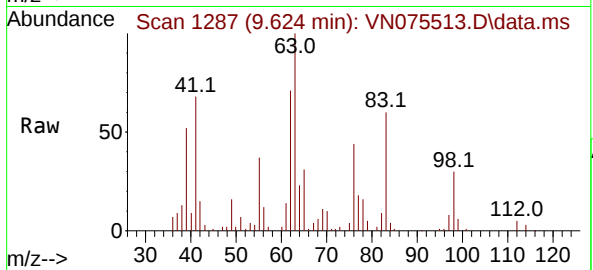
65 30.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#46

Dibromomethane

Concen: 53.531 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075513.D

Acq: 30 Nov 2022 19:51

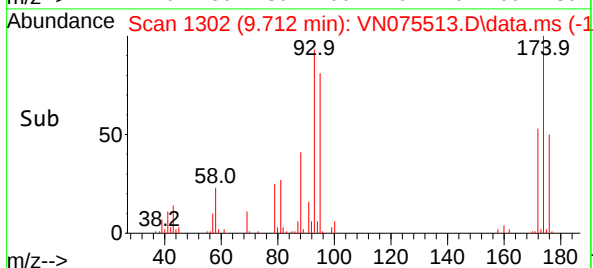
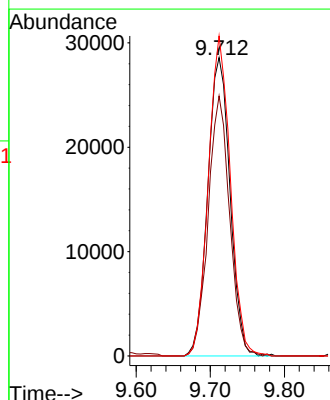
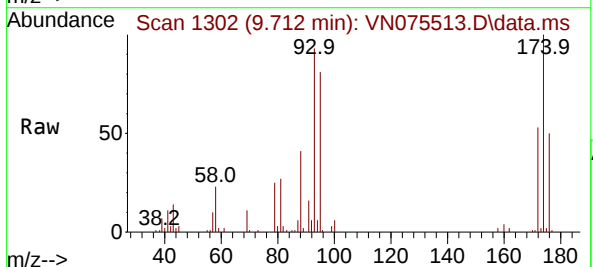
Tgt Ion: 93 Resp: 59797

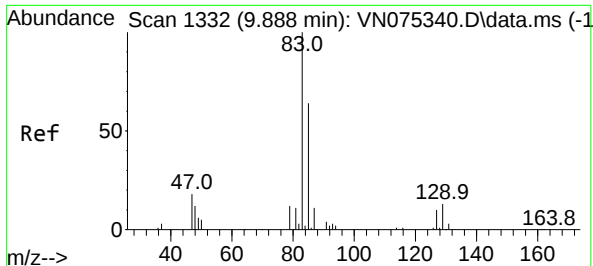
Ion Ratio Lower Upper

93 100

95 83.7 66.6 99.8

174 105.6 70.3 105.5#





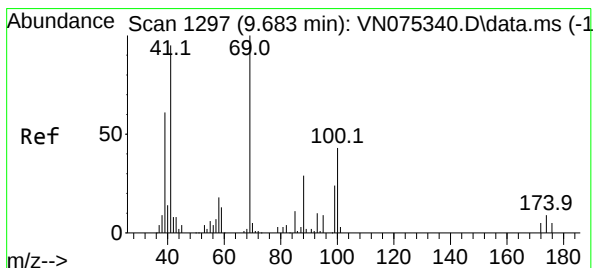
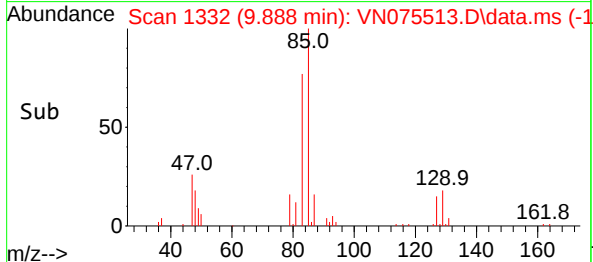
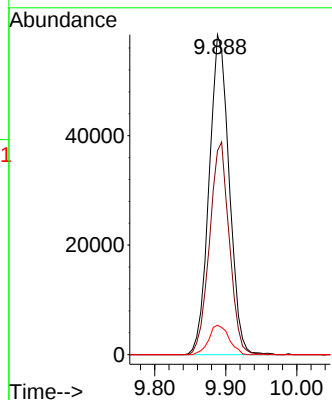
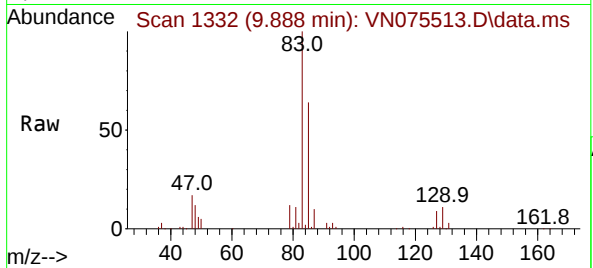
#47
Bromodichloromethane
Concen: 53.047 ug/l
RT: 9.888 min Scan# 114752
Delta R.T. 0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 114752
Ion Ratio Lower Upper
83 100
85 63.7 52.1 78.1
127 9.2 6.6 10.0

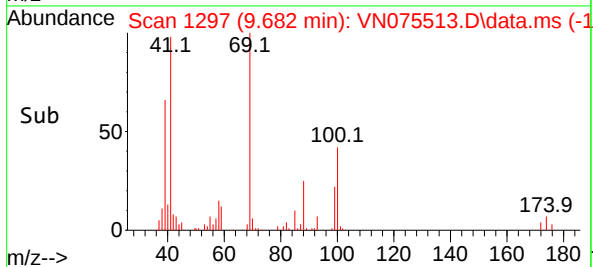
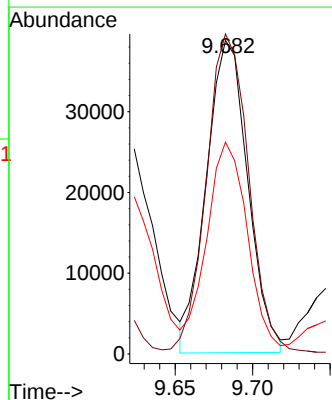
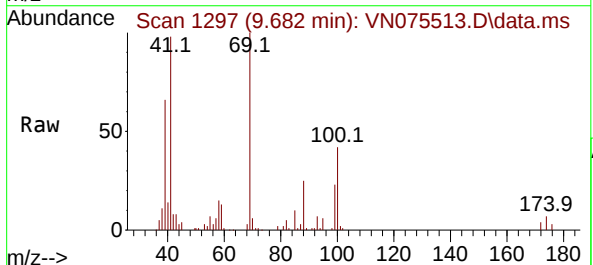
Manual Integrations
APPROVED

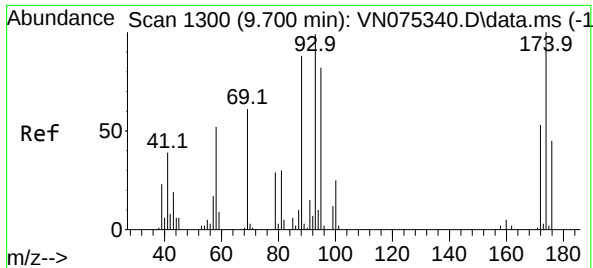
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#48
Methyl methacrylate
Concen: 53.093 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.001 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

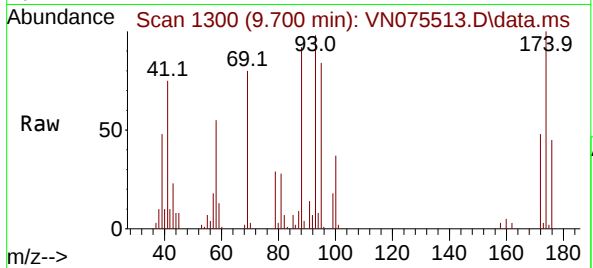
Tgt Ion: 41 Resp: 71820
Ion Ratio Lower Upper
41 100
69 105.9 80.2 120.2
39 67.4 56.2 84.2





#49
1,4-Dioxane
Concen: 1097.992 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

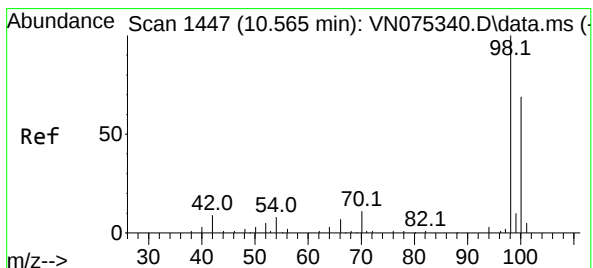
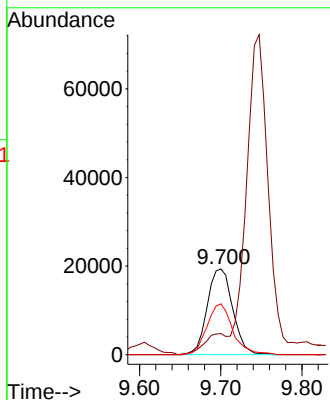
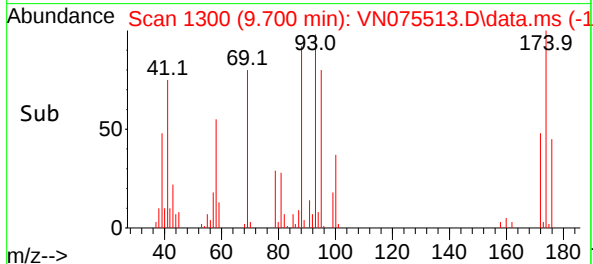
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 4217
Ion Ratio Lower Upper
88 100
43 21.2 17.5 26.3
58 60.0 49.8 74.8

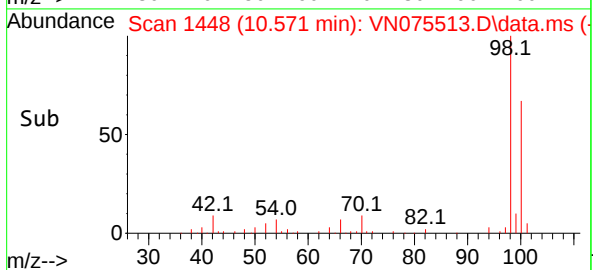
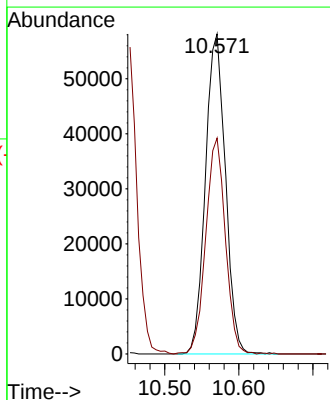
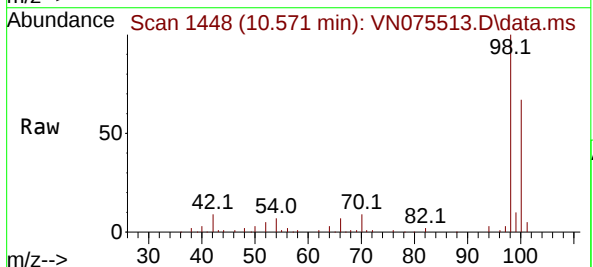
Manual Integrations
APPROVED

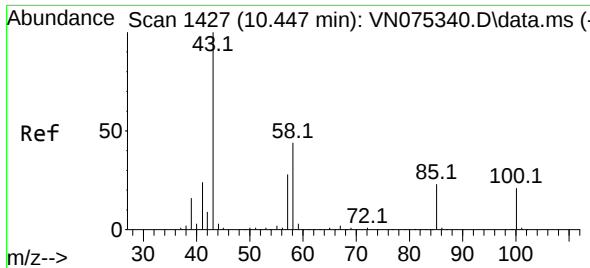
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#50
Toluene-d8
Concen: 52.110 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

Tgt Ion: 98 Resp: 108935
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.6





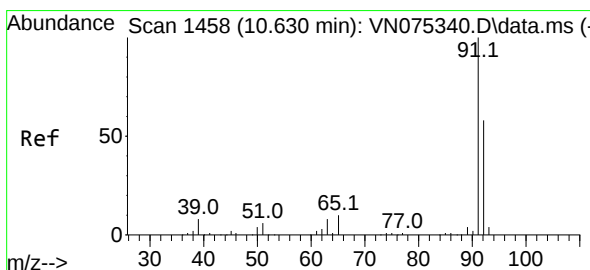
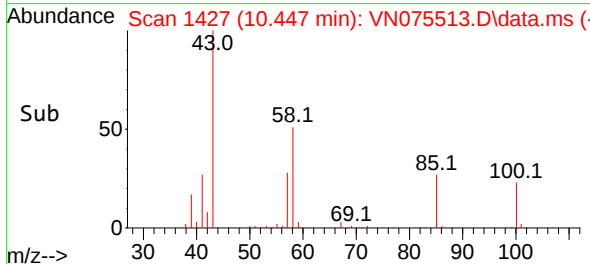
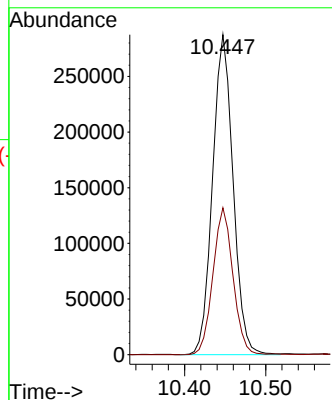
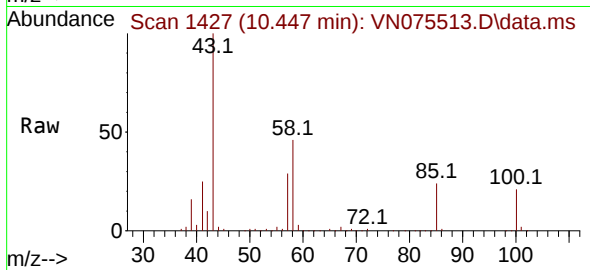
#51
4-Methyl-2-Pentanone
Concen: 271.122 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 505170
Ion Ratio Lower Upper
43 100
58 45.0 33.6 50.4

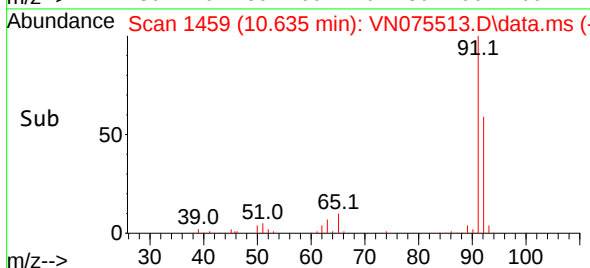
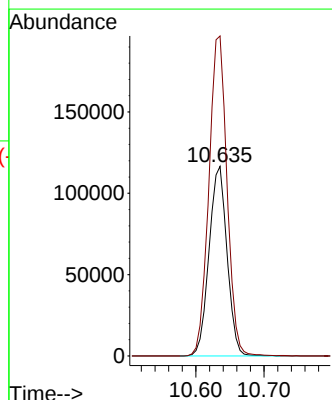
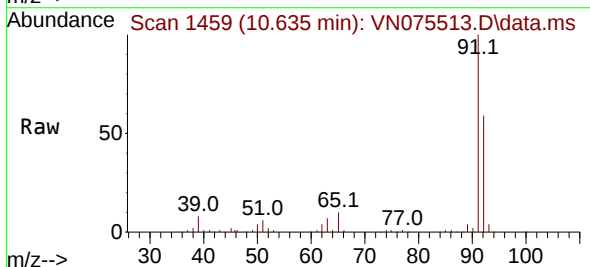
Manual Integrations
APPROVED

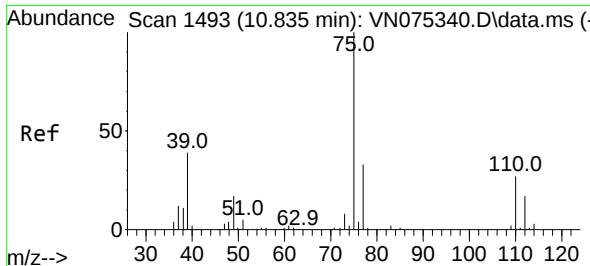
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#52
Toluene
Concen: 53.612 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.005 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

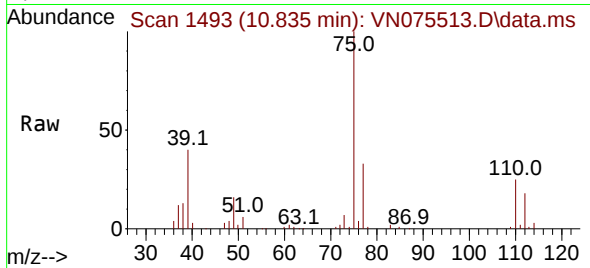
Tgt Ion: 92 Resp: 214102
Ion Ratio Lower Upper
92 100
91 170.3 135.4 203.2





#53
t-1,3-Dichloropropene
Concen: 54.692 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

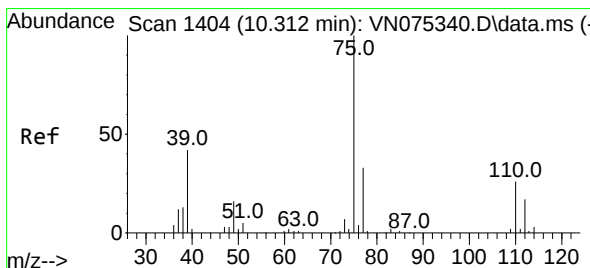
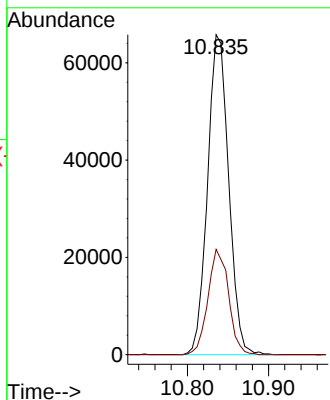
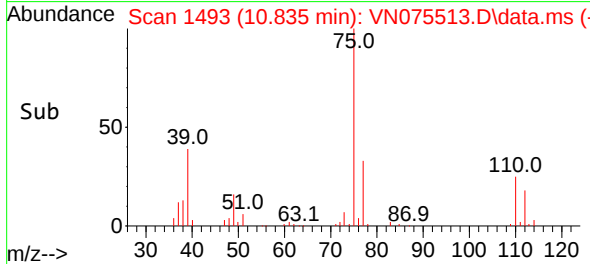
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 11877
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.2

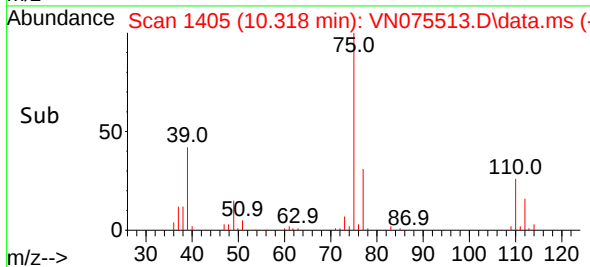
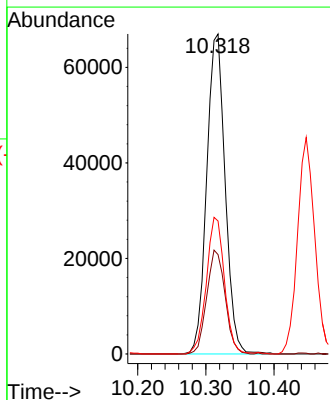
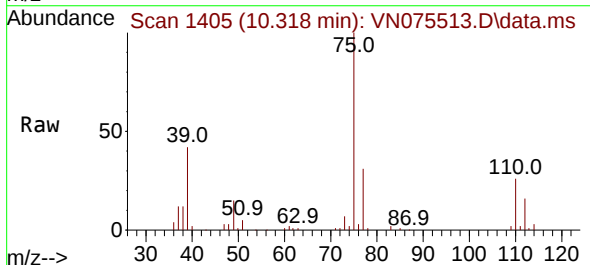
Manual Integrations
APPROVED

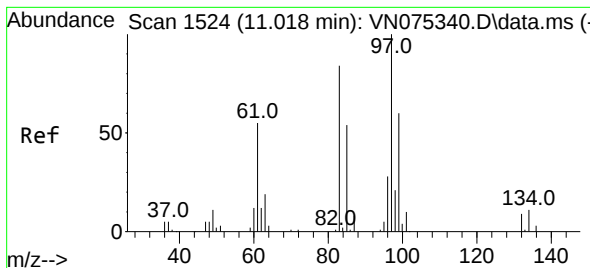
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#54
cis-1,3-Dichloropropene
Concen: 53.437 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

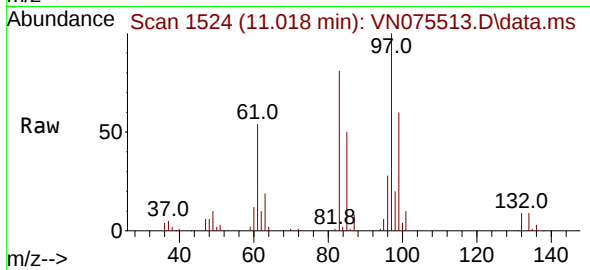
Tgt Ion: 75 Resp: 126040
Ion Ratio Lower Upper
75 100
77 31.0 23.7 35.5
39 41.5 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 54.141 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

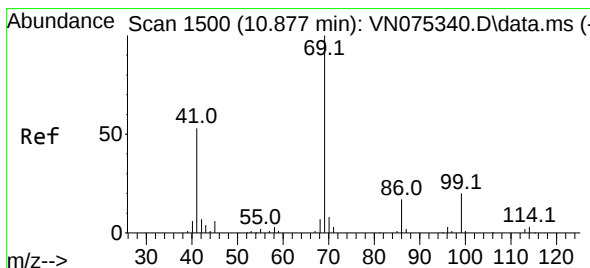
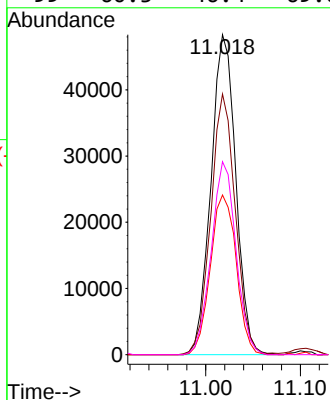
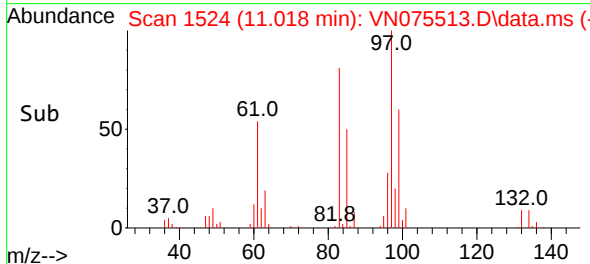
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



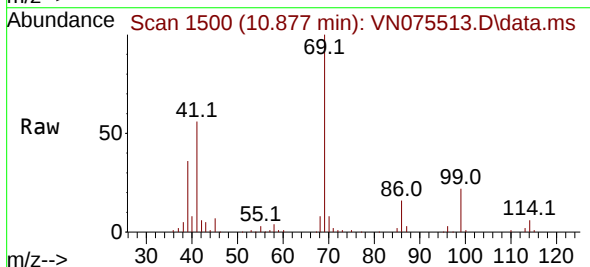
Tgt Ion:	97	Resp:	8806
Ion Ratio	100	Lower	Upper
97	100		
83	81.4	65.9	98.9
85	49.9	40.4	60.6
99	60.3	46.4	69.6

Manual Integrations
APPROVED

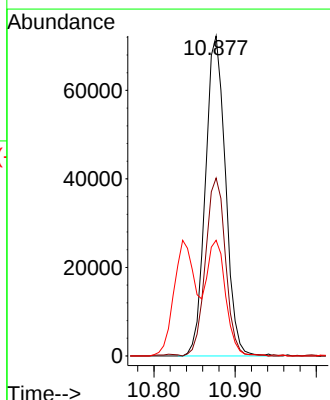
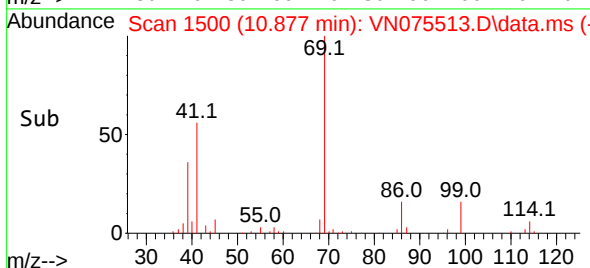
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

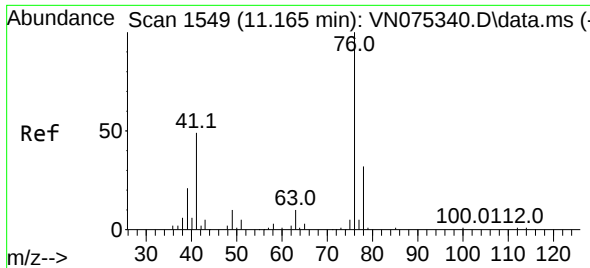


#56
Ethyl methacrylate
Concen: 56.353 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51



Tgt Ion:	69	Resp:	123785
Ion Ratio	100	Lower	Upper
69	100		
41	55.5	45.6	68.4
39	33.5	28.5	42.7





#57

1,3-Dichloropropane

Concen: 53.184 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075513.D

Acq: 30 Nov 2022 19:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 141052

Ion Ratio Lower Upper

76 100

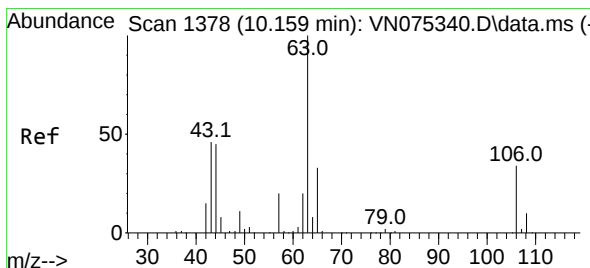
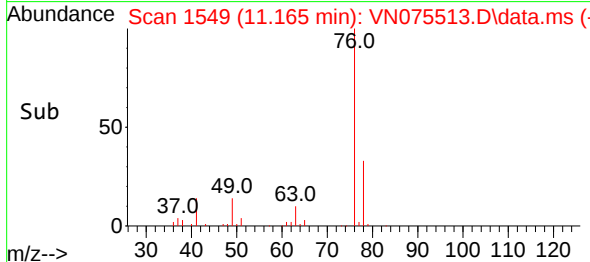
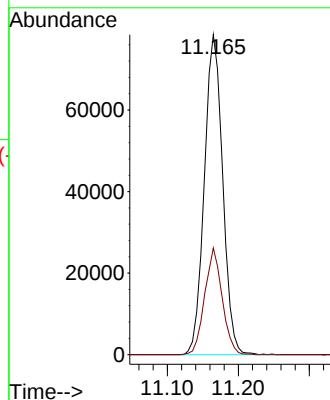
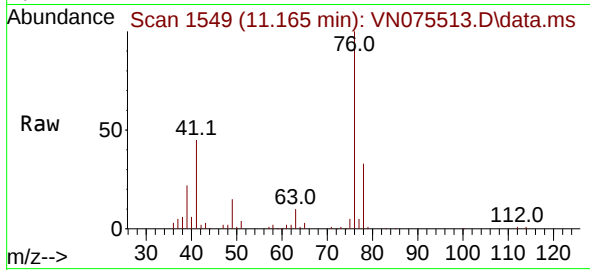
78 31.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#58

2-Chloroethyl Vinyl ether

Concen: 276.784 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.006 min

Lab File: VN075513.D

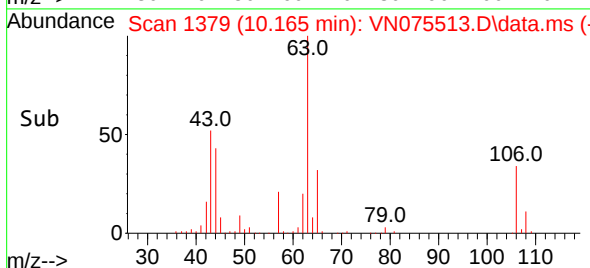
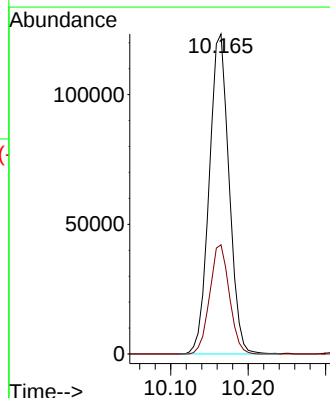
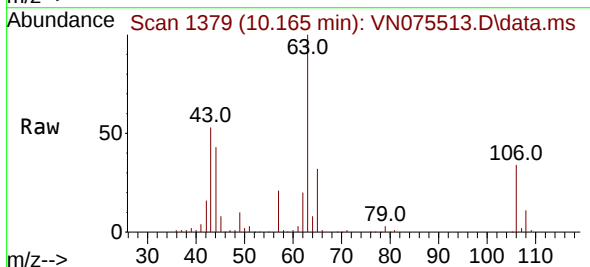
Acq: 30 Nov 2022 19:51

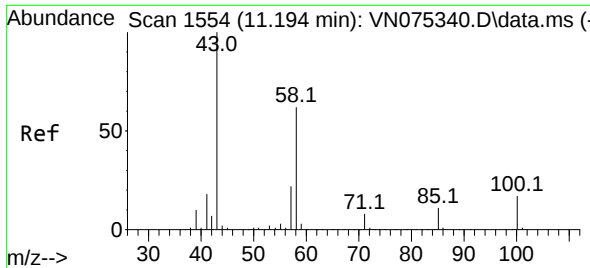
Tgt Ion: 63 Resp: 219274

Ion Ratio Lower Upper

63 100

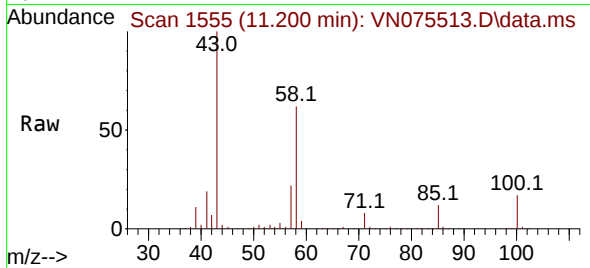
106 33.8 24.8 37.2





#59
2-Hexanone
Concen: 271.599 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

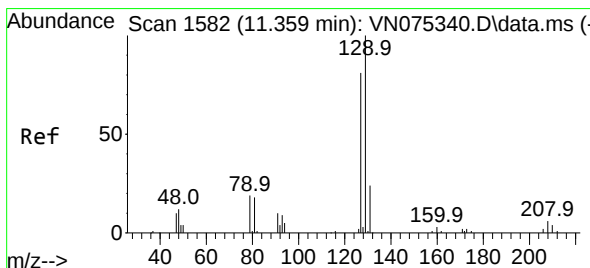
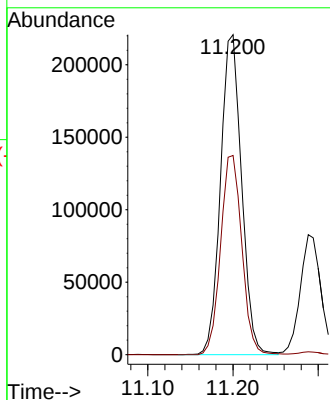
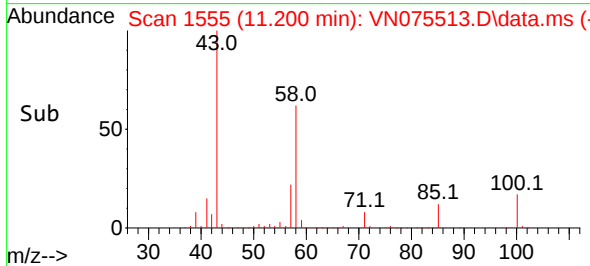
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 38000
Ion Ratio Lower Upper
43 100
58 62.7 29.6 88.8

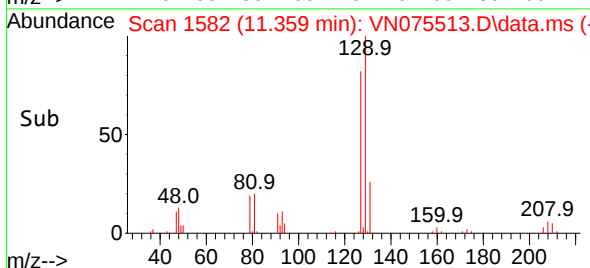
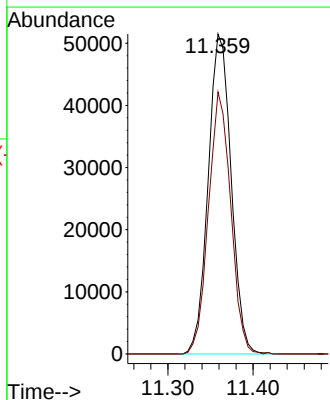
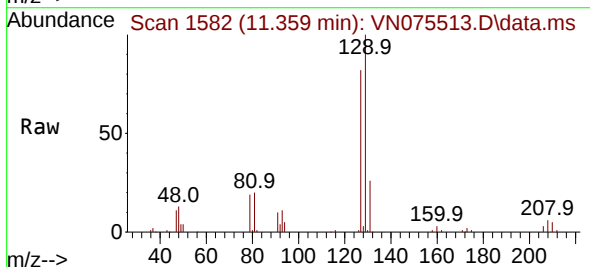
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#60
Dibromochloromethane
Concen: 57.684 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

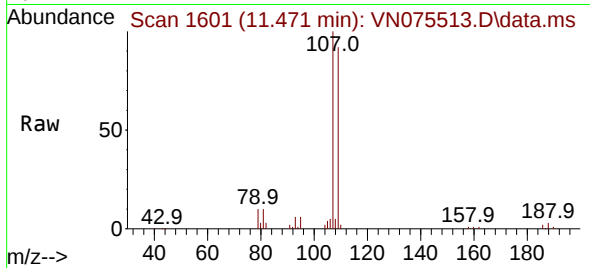
Tgt Ion:129 Resp: 96307
Ion Ratio Lower Upper
129 100
127 79.4 38.6 115.8





#61
1,2-Dibromoethane
Concen: 54.135 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

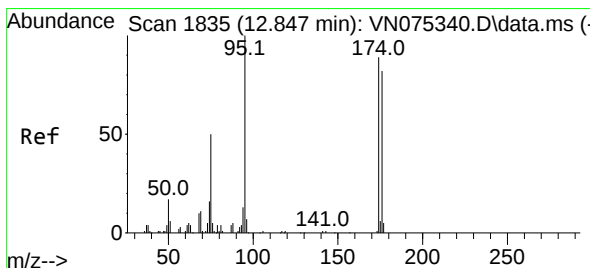
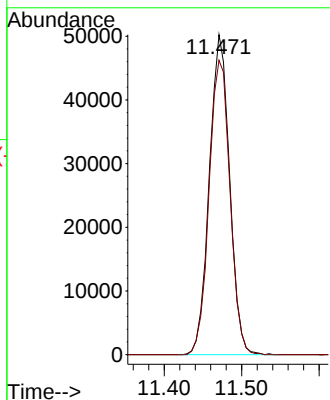
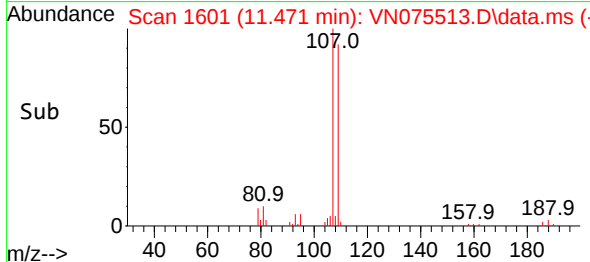
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



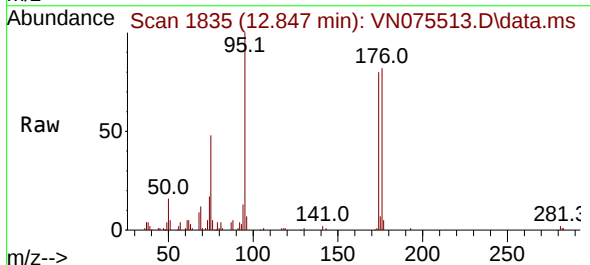
Tgt Ion:107 Resp: 91392
Ion Ratio Lower Upper
107 100
109 94.9 75.6 113.4

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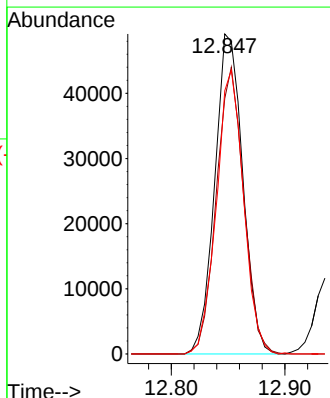
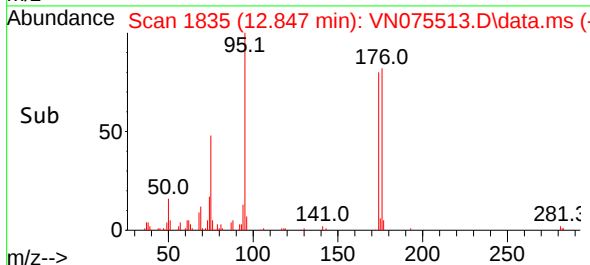
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

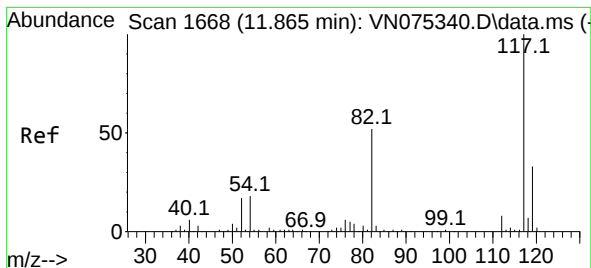


#62
4-Bromofluorobenzene
Concen: 54.590 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51



Tgt Ion: 95 Resp: 84233
Ion Ratio Lower Upper
95 100
174 87.4 0.0 147.4
176 86.0 0.0 142.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075513.D

Acq: 30 Nov 2022 19:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 21986

Ion Ratio Lower Upper

117 100

82 52.1 43.1 64.7

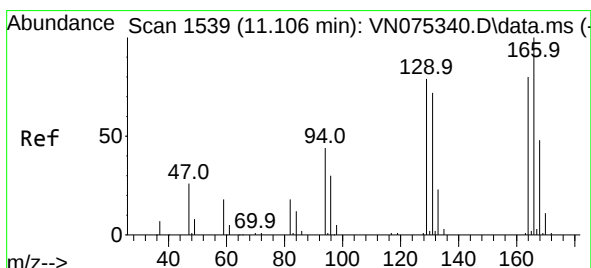
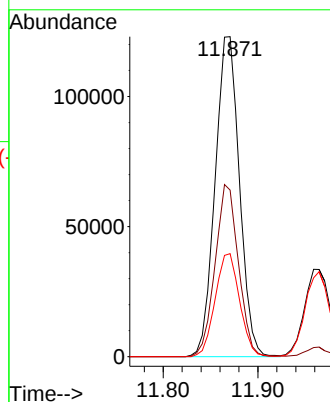
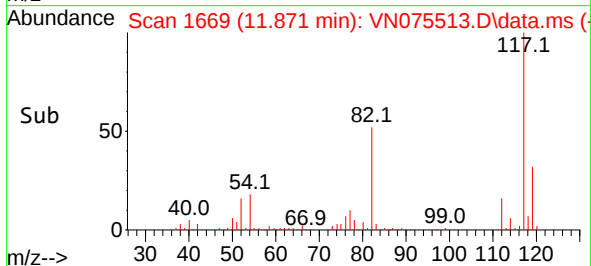
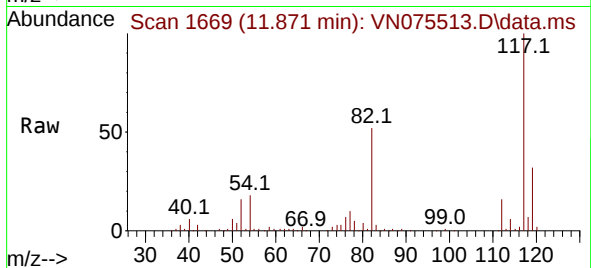
119 32.2 25.5 38.3

Manual Integrations

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Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#64

Tetrachloroethene

Concen: 46.620 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN075513.D

Acq: 30 Nov 2022 19:51

Tgt Ion:164 Resp: 78277

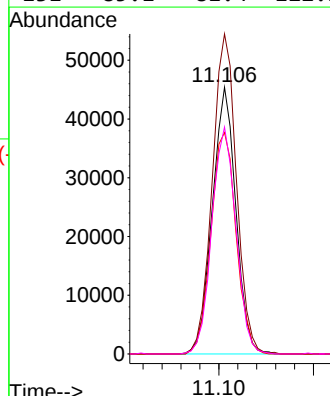
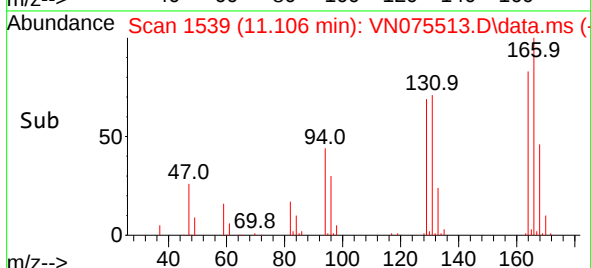
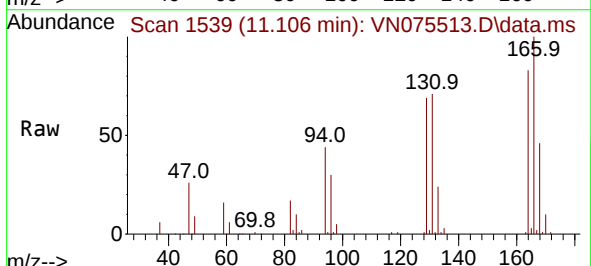
Ion Ratio Lower Upper

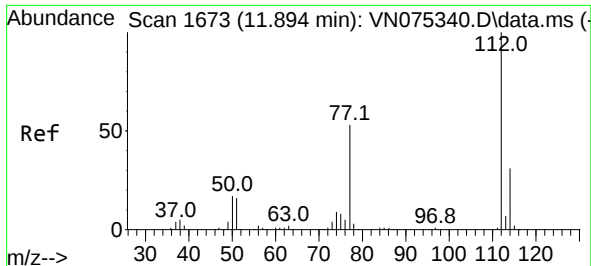
164 100

166 120.0 106.5 159.7

129 83.0 81.9 122.9

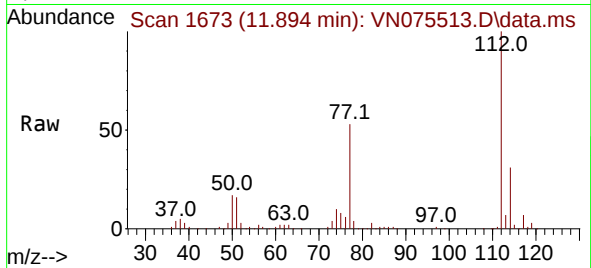
131 85.1 81.4 122.2





#65
Chlorobenzene
Concen: 51.609 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

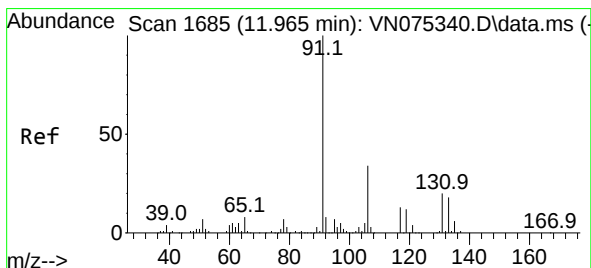
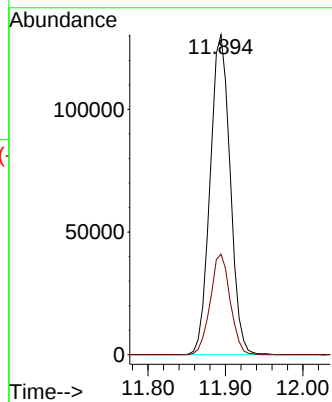
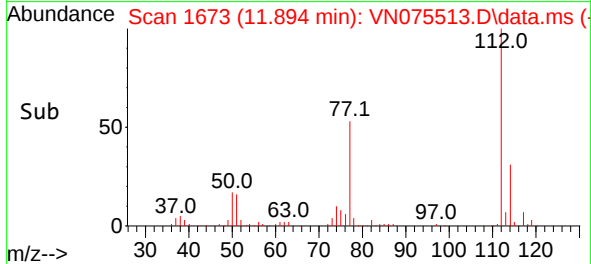
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 23433
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2

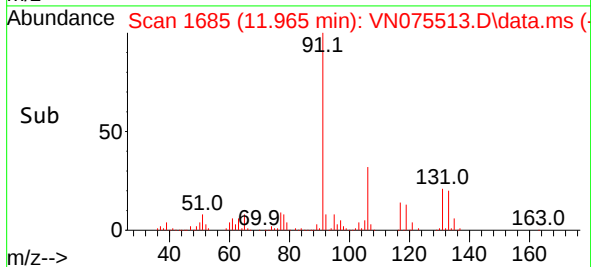
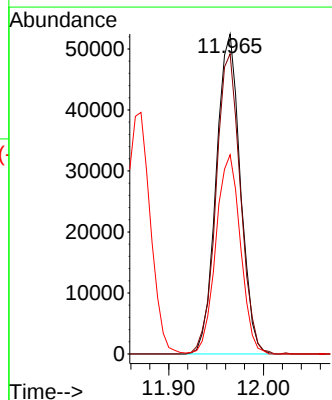
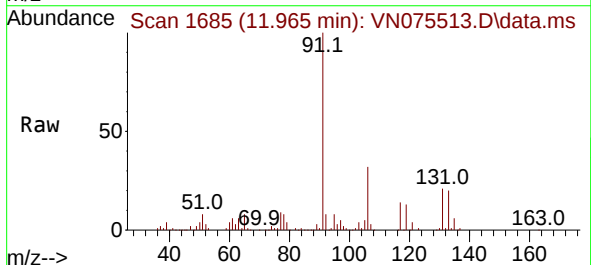
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 54.810 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

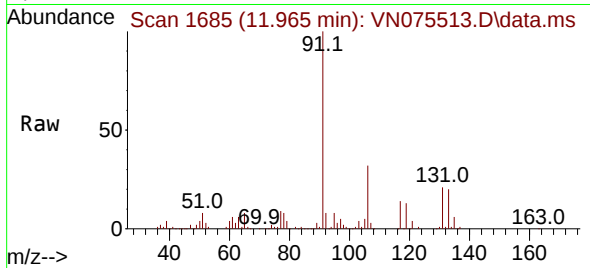
Tgt Ion:131 Resp: 92885
Ion Ratio Lower Upper
131 100
133 94.7 47.8 143.4
119 63.4 33.0 99.0





#67
Ethyl Benzene
Concen: 53.053 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

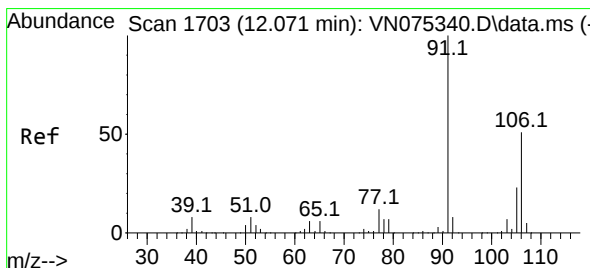
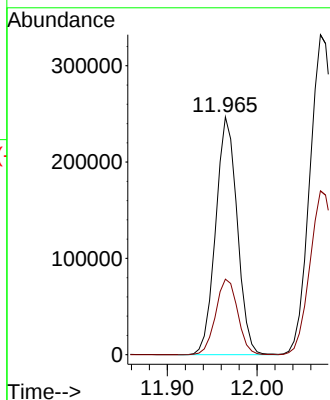
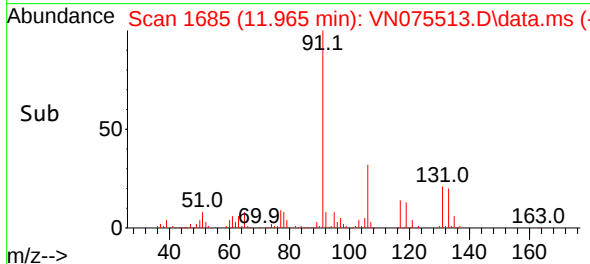
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 410979
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3

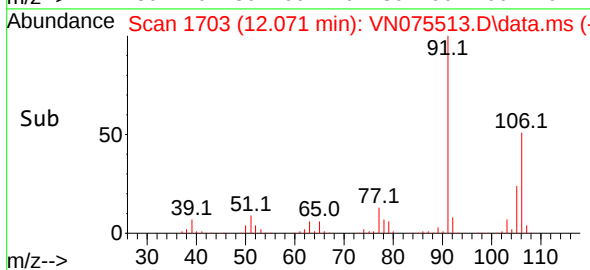
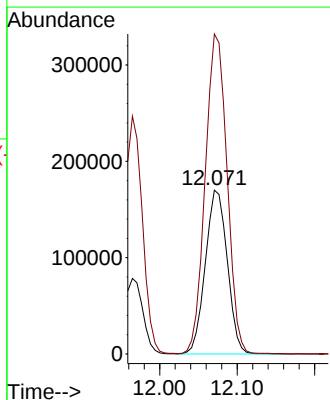
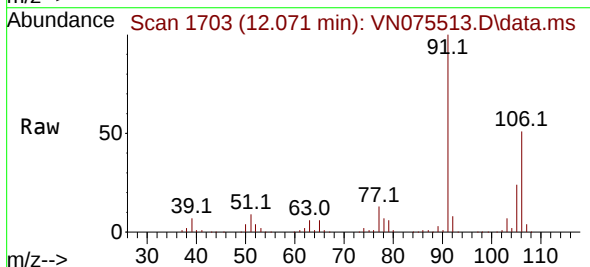
Manual Integrations
APPROVED

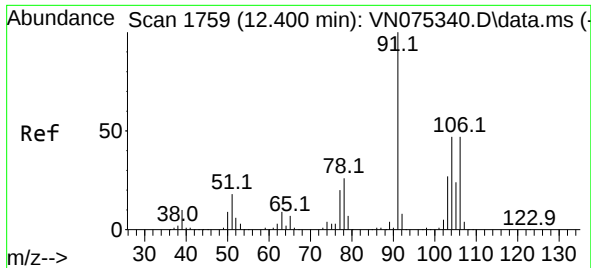
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#68
m/p-Xylenes
Concen: 106.359 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

Tgt Ion:106 Resp: 334584
Ion Ratio Lower Upper
106 100
91 194.8 156.0 234.0





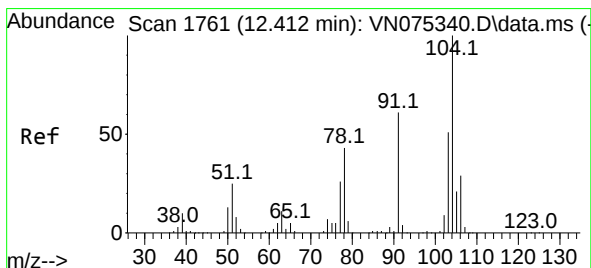
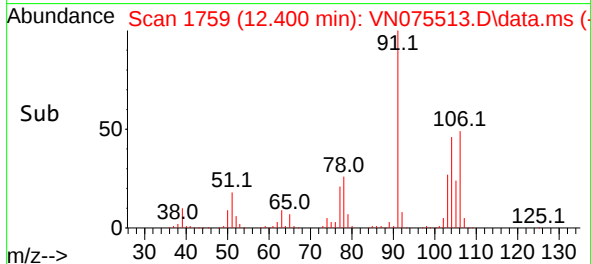
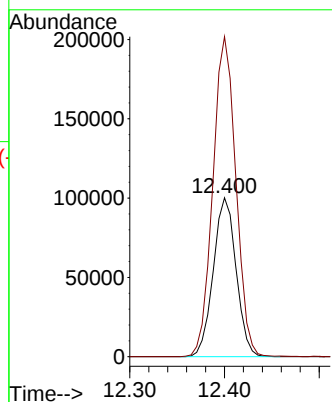
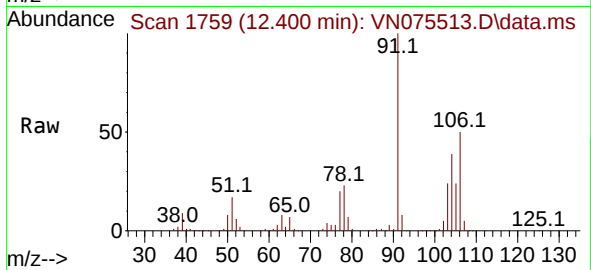
#69
o-Xylene
Concen: 53.603 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 16754
Ion Ratio Lower Upper
106 100
91 203.3 105.2 315.5

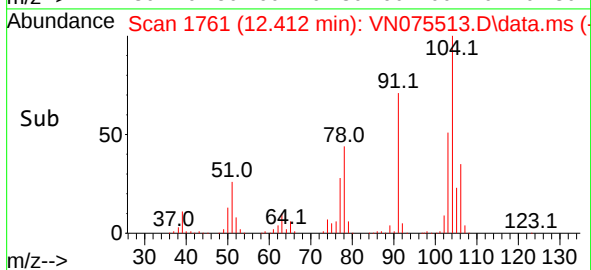
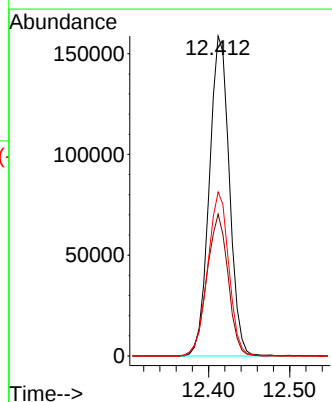
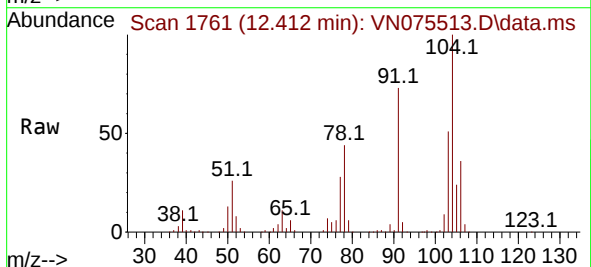
Manual Integrations
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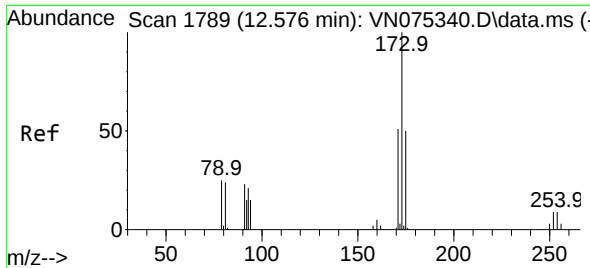
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#70
Styrene
Concen: 55.261 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

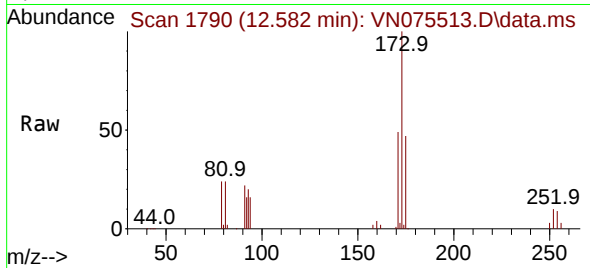
Tgt Ion:104 Resp: 272475
Ion Ratio Lower Upper
104 100
78 46.7 38.1 57.1
103 53.8 44.6 66.8





#71
Bromoform
Concen: 59.020 ug/l
RT: 12.582 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

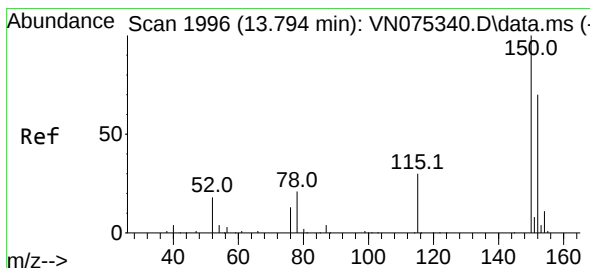
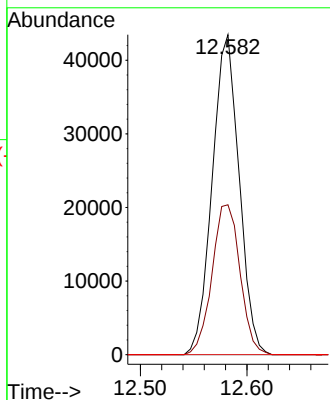
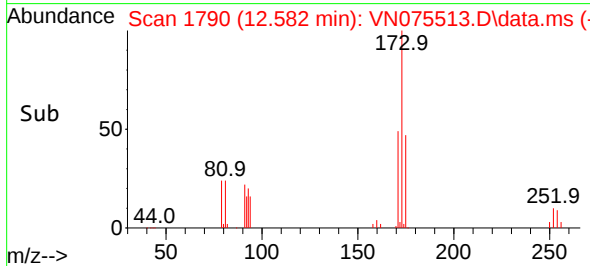
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



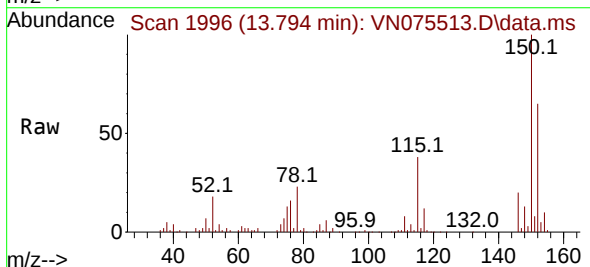
Tgt Ion:173 Resp: 7612
Ion Ratio Lower Upper
173 100
175 48.9 24.6 74.0
254 0.0 0.0 0.0

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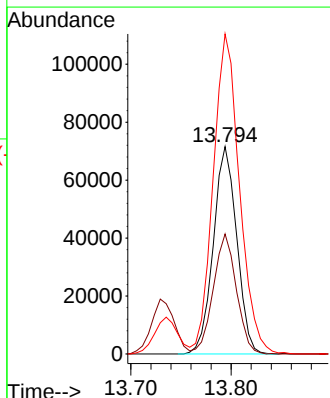
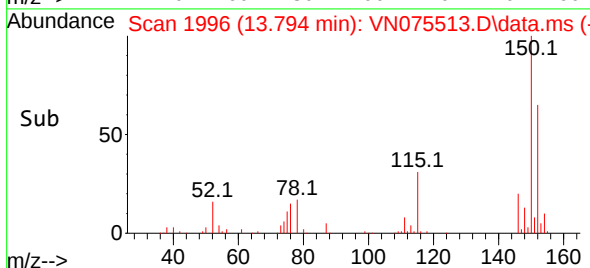
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

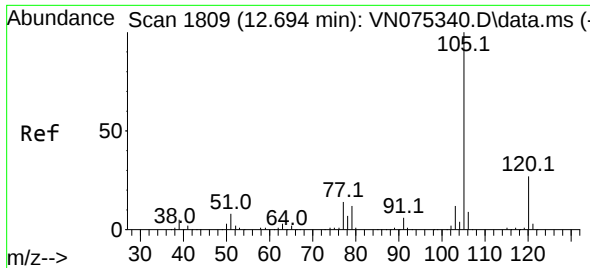


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51



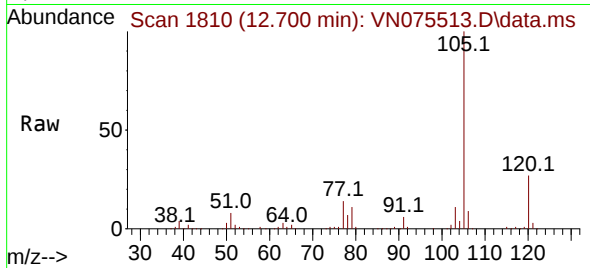
Tgt Ion:152 Resp: 115973
Ion Ratio Lower Upper
152 100
115 57.1 30.2 90.6
150 173.2 0.0 348.4





#73
Isopropylbenzene
Concen: 50.659 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

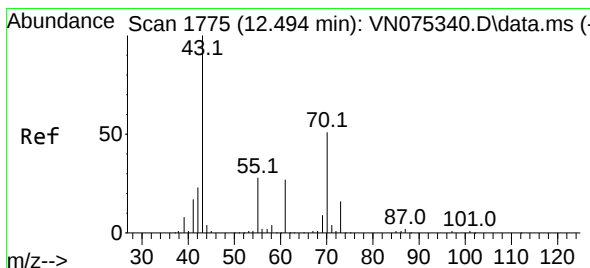
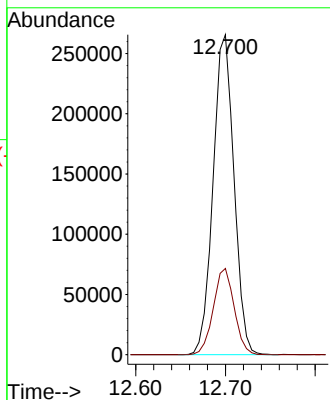
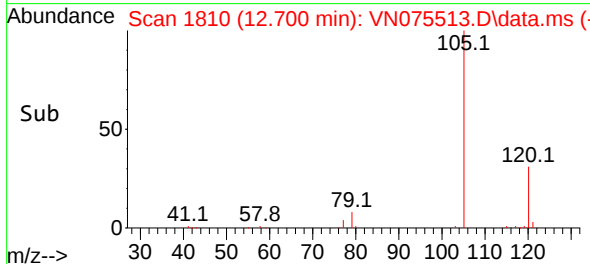
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



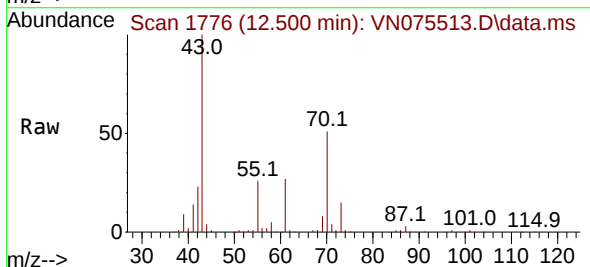
Tgt Ion:105 Resp: 42923
Ion Ratio Lower Upper
105 100
120 26.9 13.1 39.1

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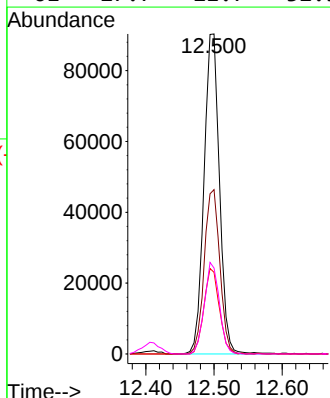
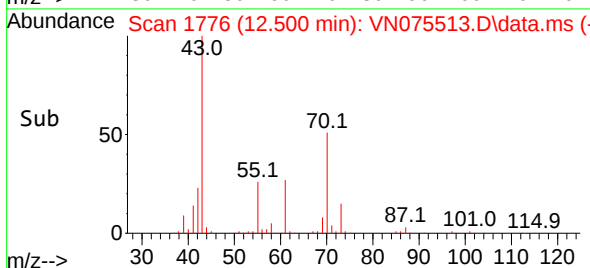
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

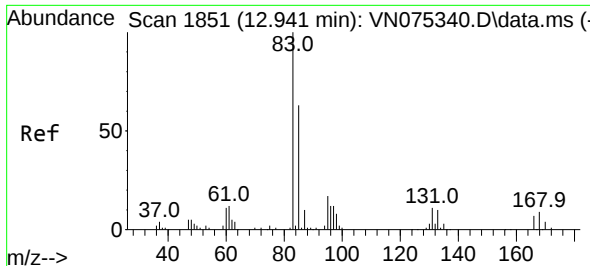


#74
N-ethyl acetate
Concen: 54.832 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51



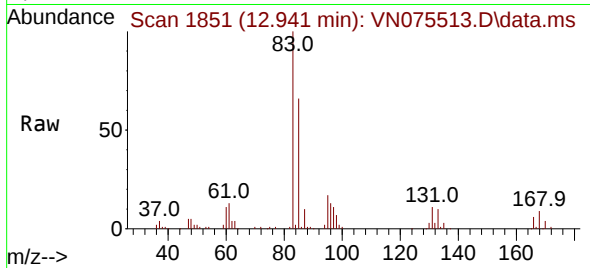
Tgt Ion: 43 Resp: 142830
Ion Ratio Lower Upper
43 100
70 51.8 39.8 59.8
55 26.5 19.9 29.9
61 27.7 21.7 32.5





#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.341 ug/l
 RT: 12.941 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: VN075513.D
 Acq: 30 Nov 2022 19:51

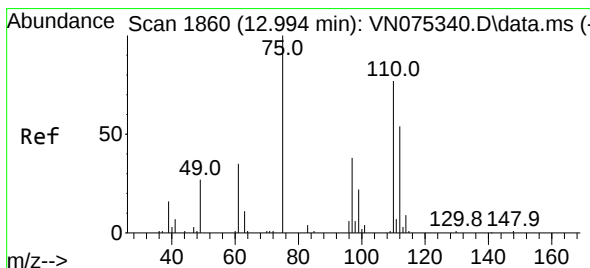
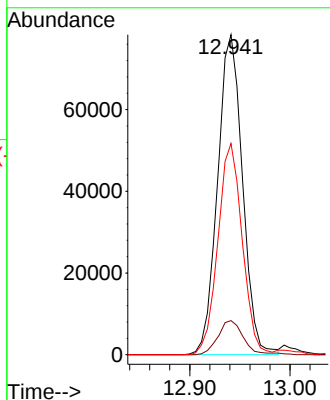
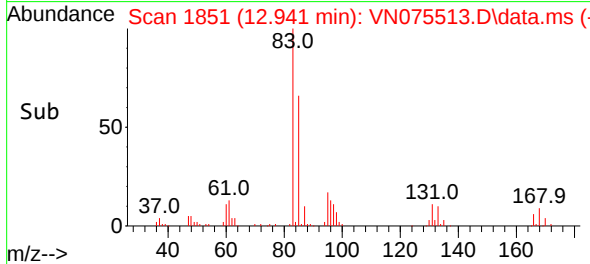
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



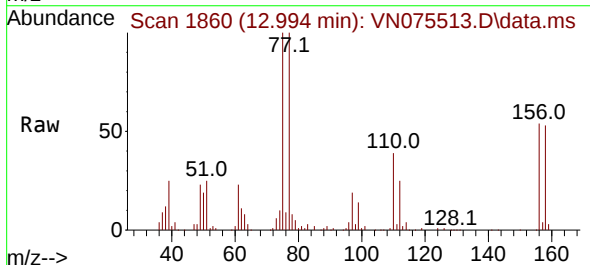
Tgt Ion: 83 Resp: 135200
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.1 15.3
 85 64.4 31.6 94.7

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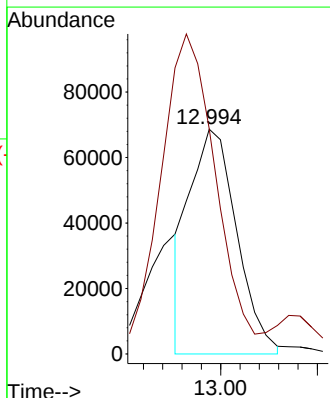
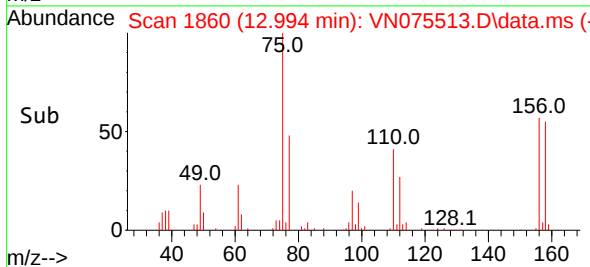
Reviewed By :John Carlone 12/01/2022
 Supervised By :Mahesh Dadoda 12/01/2022

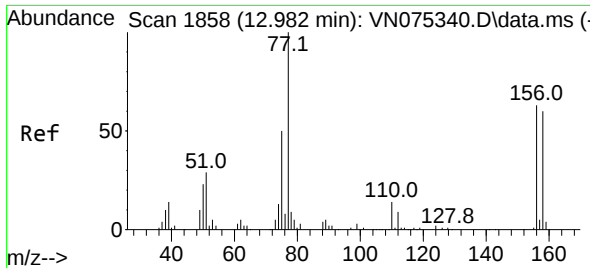


#76
 1,2,3-Trichloropropane
 Concen: 53.207 ug/l m
 RT: 12.994 min Scan# 1860
 Delta R.T. 0.000 min
 Lab File: VN075513.D
 Acq: 30 Nov 2022 19:51



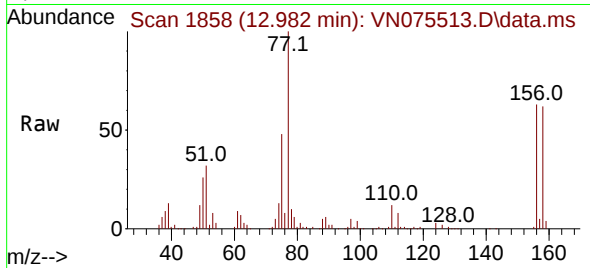
Tgt Ion: 75 Resp: 116670
 Ion Ratio Lower Upper
 75 100
 77 168.4 75.6 226.8





#77
Bromobenzene
Concen: 50.621 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

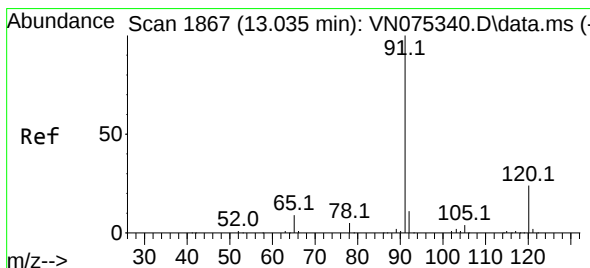
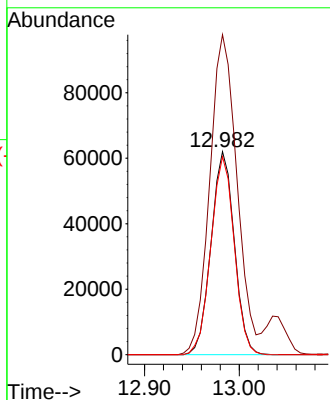
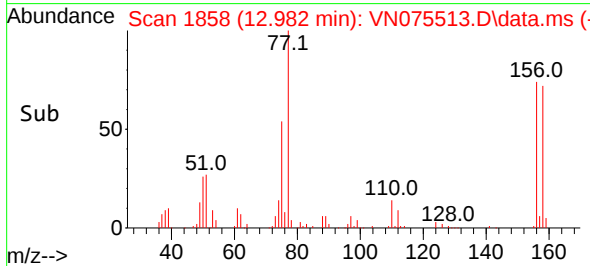
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



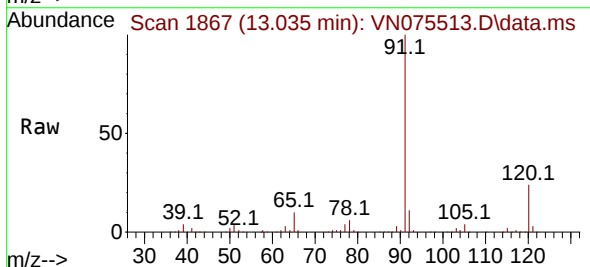
Tgt Ion:156 Resp: 10588
Ion Ratio Lower Upper
156 100
77 185.5 108.5 325.5
158 97.7 47.7 143.1

Manual Integrations
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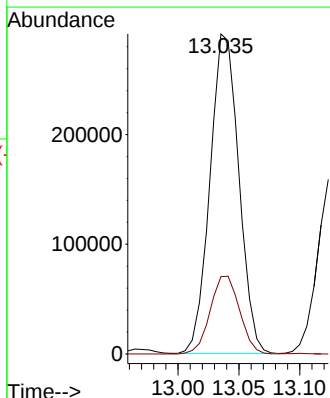
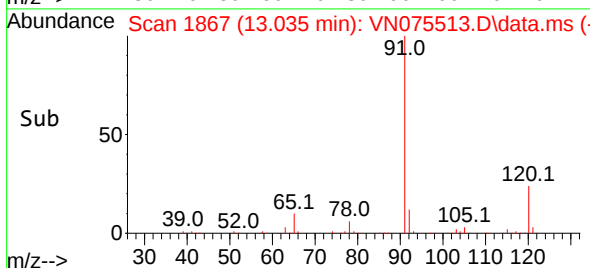
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

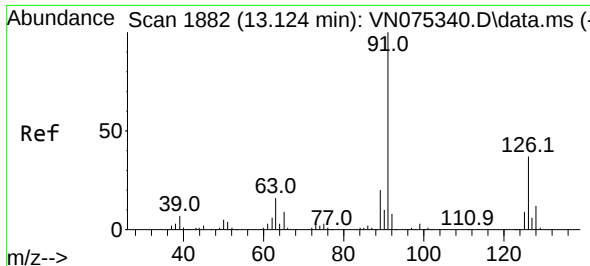


#78
n-propylbenzene
Concen: 50.802 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51



Tgt Ion: 91 Resp: 480375
Ion Ratio Lower Upper
91 100
120 24.8 11.9 35.5





#79

2-Chlorotoluene

Concen: 51.073 ug/l

RT: 13.129 min Scan# 1882

Delta R.T. 0.005 min

Lab File: VN075513.D

Acq: 30 Nov 2022 19:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 29098

Ion Ratio Lower Upper

91 100

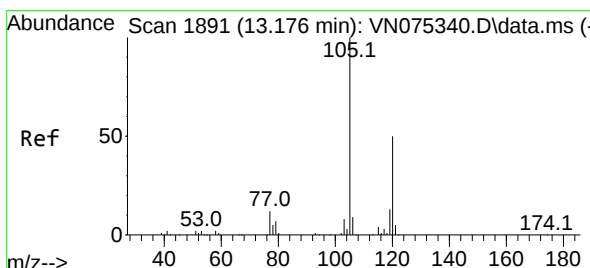
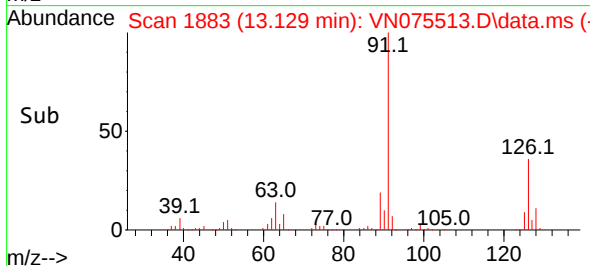
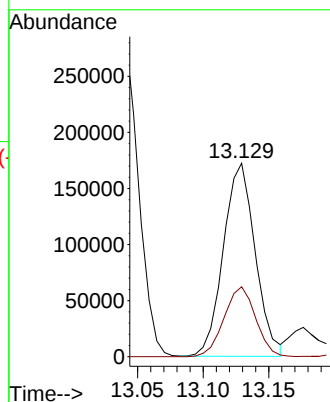
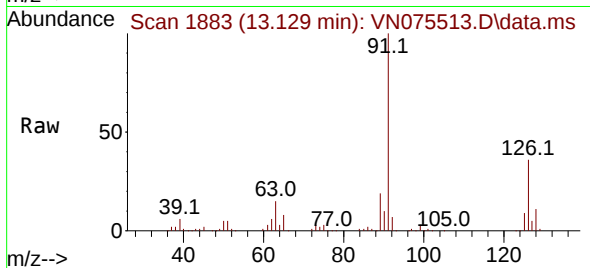
126 35.9 16.9 50.7

Manual Integrations

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Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#80

1,3,5-Trimethylbenzene

Concen: 52.981 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN075513.D

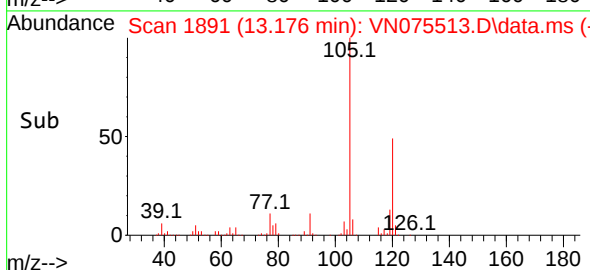
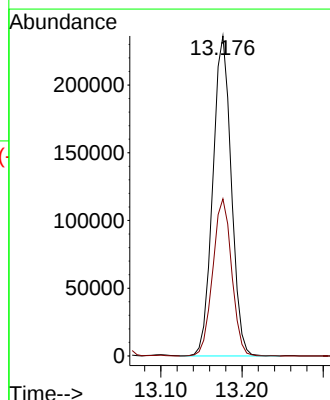
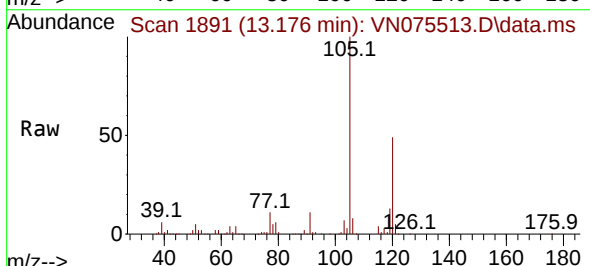
Acq: 30 Nov 2022 19:51

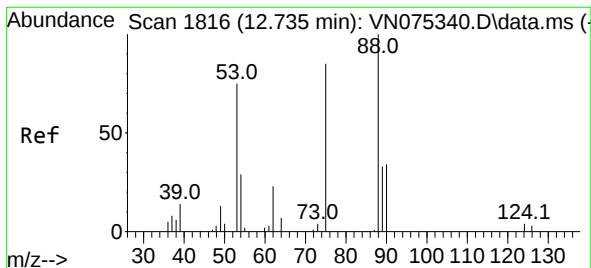
Tgt Ion:105 Resp: 372956

Ion Ratio Lower Upper

105 100

120 50.2 24.7 74.1





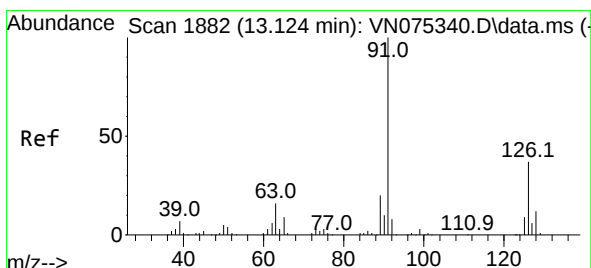
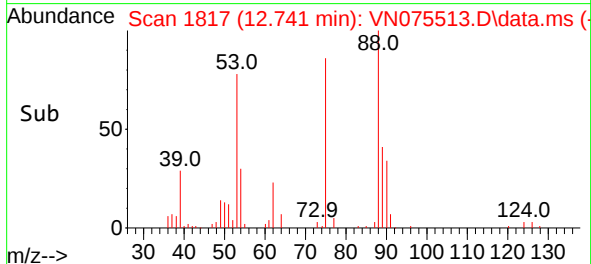
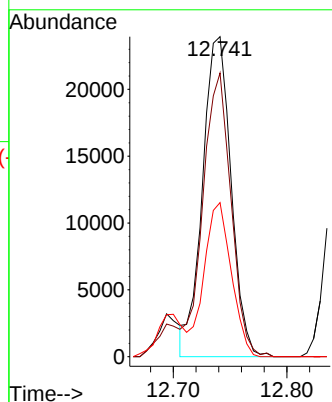
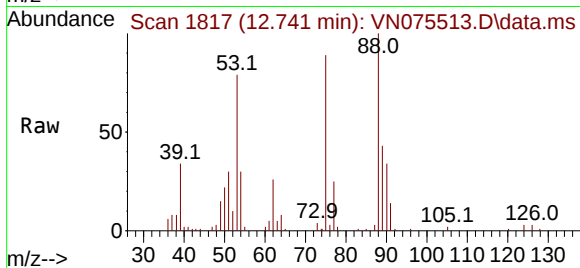
#81
trans-1,4-Dichloro-2-butene
Concen: 56.453 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 4183
Ion Ratio Lower Upper
75 100
53 95.5 78.5 117.7
89 46.0 37.7 56.5

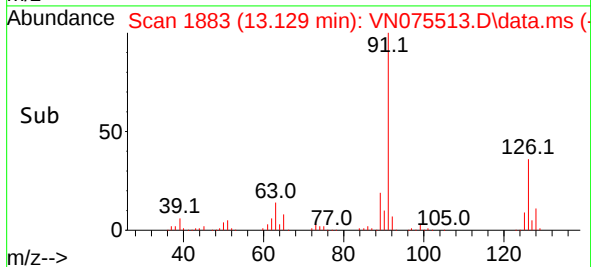
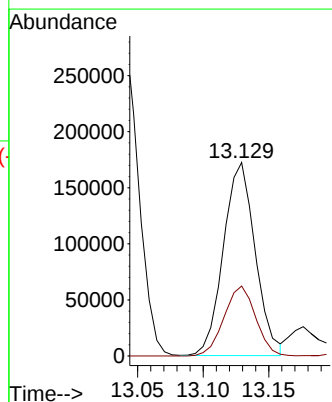
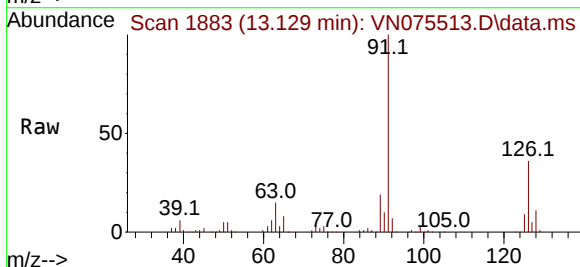
Manual Integrations
APPROVED

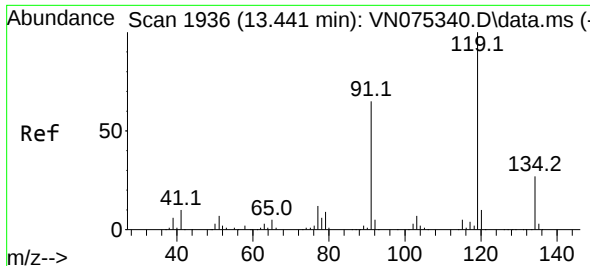
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#82
4-Chlorotoluene
Concen: 51.073 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

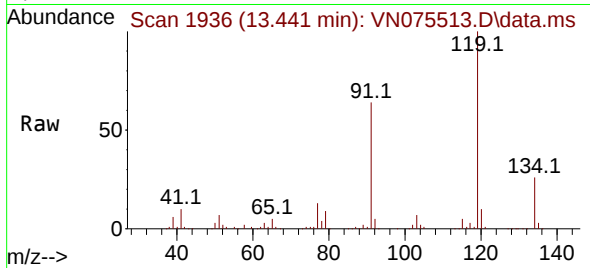
Tgt Ion: 91 Resp: 290983
Ion Ratio Lower Upper
91 100
126 35.9 16.9 50.7





#83
tert-Butylbenzene
Concen: 51.498 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

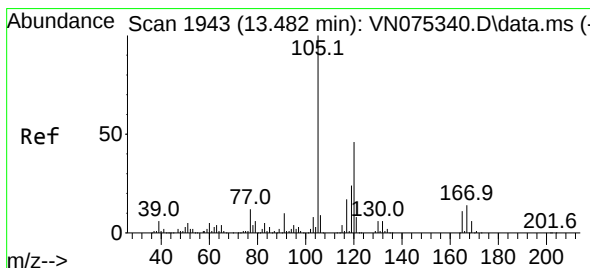
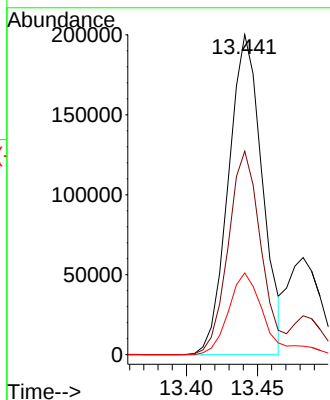
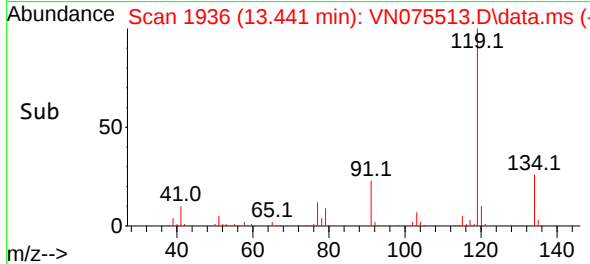
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



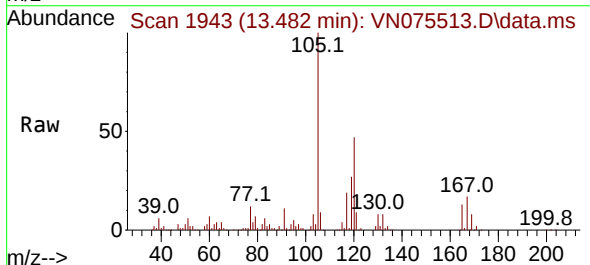
Tgt Ion:119 Resp: 330520
Ion Ratio Lower Upper
119 100
91 62.5 32.8 98.4
134 27.4 12.3 36.9

Manual Integrations
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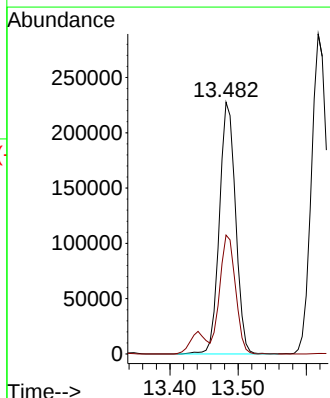
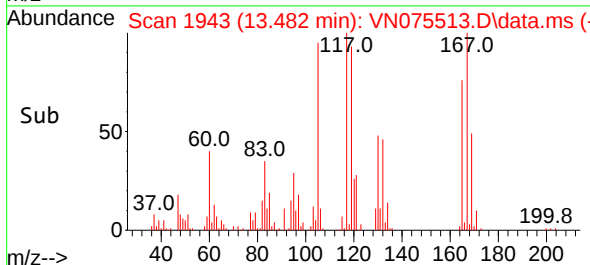
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

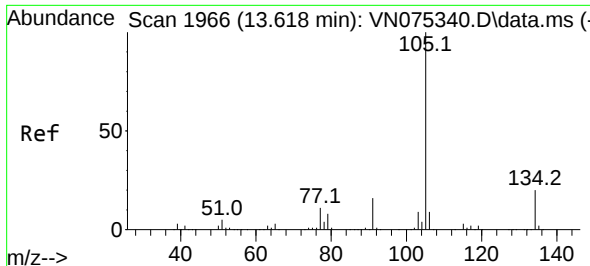


#84
1,2,4-Trimethylbenzene
Concen: 53.129 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51



Tgt Ion:105 Resp: 375146
Ion Ratio Lower Upper
105 100
120 45.9 22.7 68.1





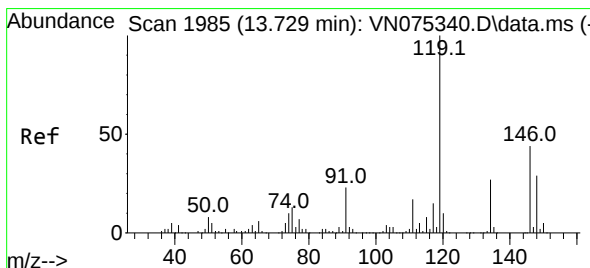
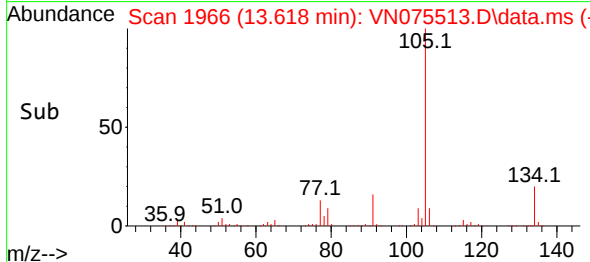
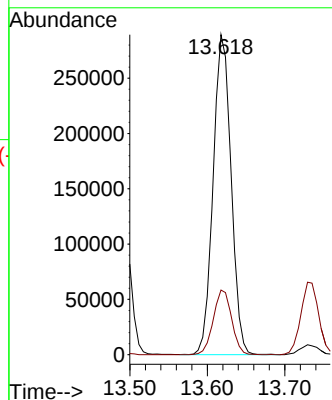
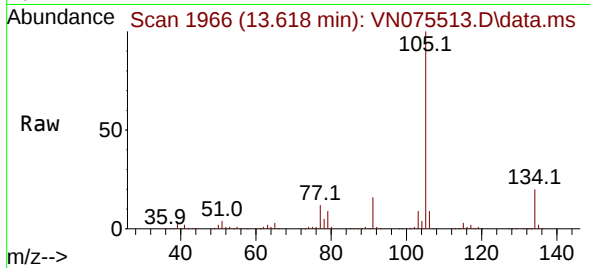
#85
 sec-Butylbenzene
 Concen: 53.534 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075513.D
 Acq: 30 Nov 2022 19:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 46620
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6

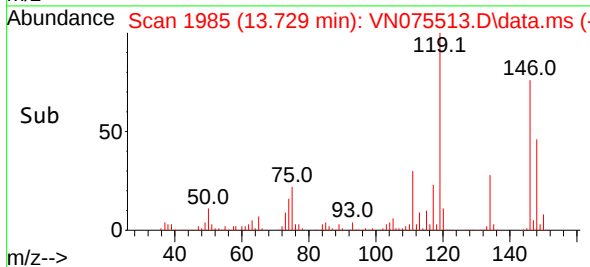
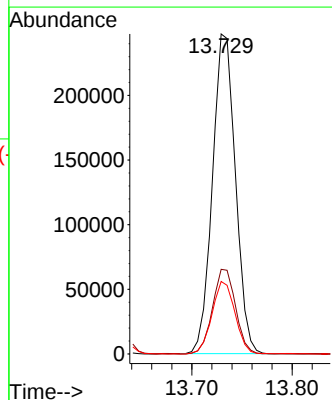
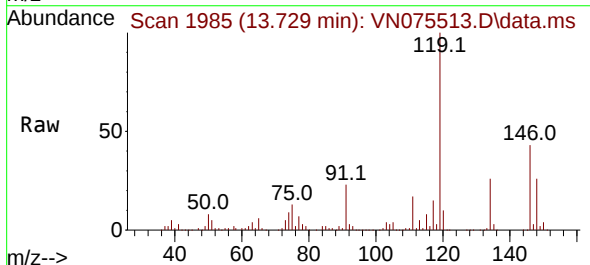
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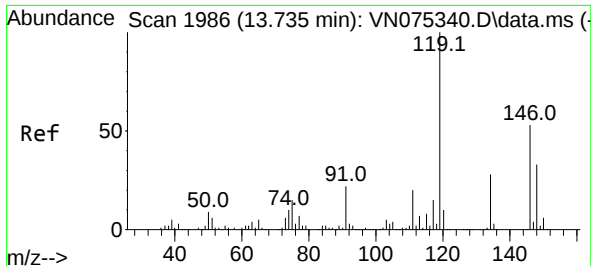
Reviewed By :John Carlone 12/01/2022
 Supervised By :Mahesh Dadoda 12/01/2022



#86
 p-Isopropyltoluene
 Concen: 53.768 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075513.D
 Acq: 30 Nov 2022 19:51

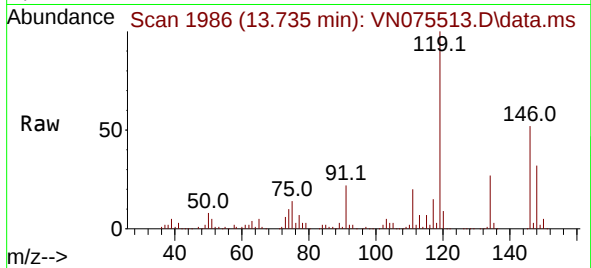
Tgt Ion:119 Resp: 393965
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.3
 91 22.8 11.9 35.5





#87
 1,3-Dichlorobenzene
 Concen: 51.039 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075513.D
 Acq: 30 Nov 2022 19:51

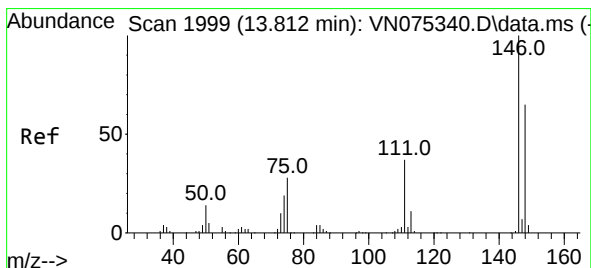
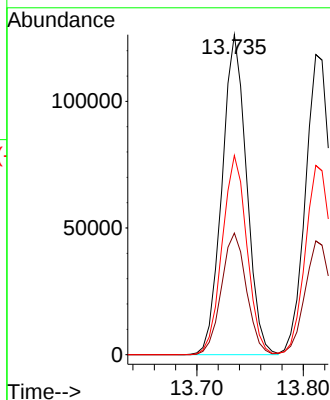
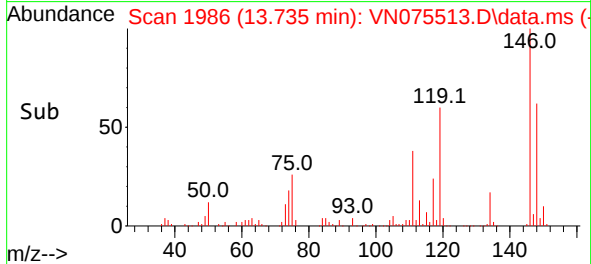
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:146 Resp: 20228
 Ion Ratio Lower Upper
 146 100
 111 38.7 20.8 62.5
 148 62.5 31.1 93.5

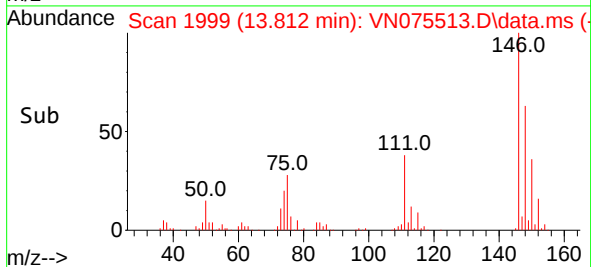
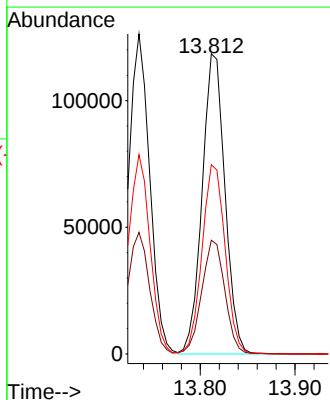
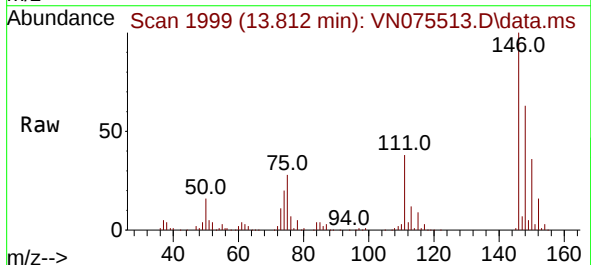
Manual Integrations
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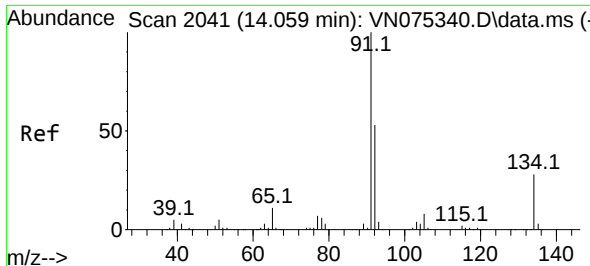
Reviewed By :John Carlone 12/01/2022
 Supervised By :Mahesh Dadoda 12/01/2022



#88
 1,4-Dichlorobenzene
 Concen: 49.321 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN075513.D
 Acq: 30 Nov 2022 19:51

Tgt Ion:146 Resp: 198567
 Ion Ratio Lower Upper
 146 100
 111 38.5 20.1 60.3
 148 63.9 31.9 95.7





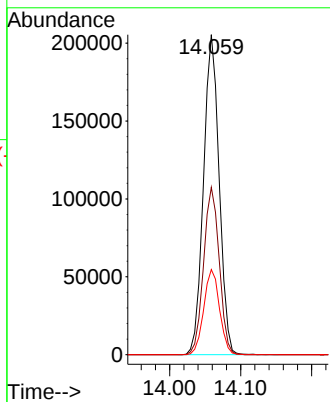
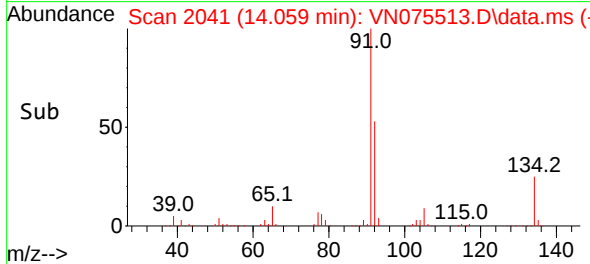
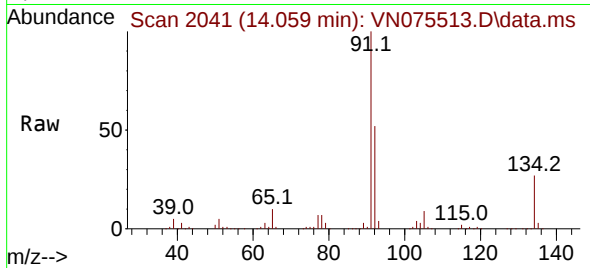
#89
n-Butylbenzene
Concen: 50.875 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 314838
Ion Ratio Lower Upper
91 100
92 52.3 26.5 79.4
134 26.8 13.0 39.0

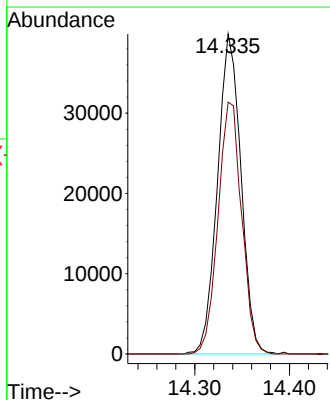
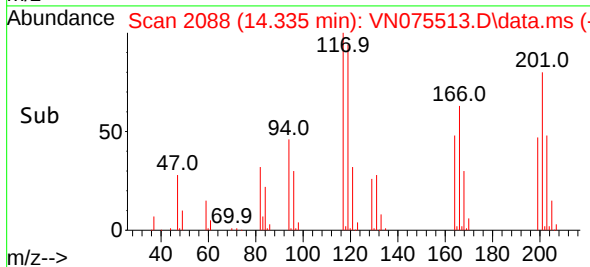
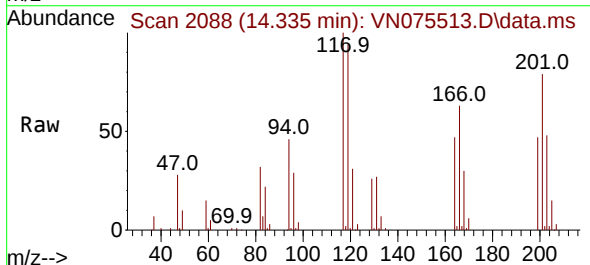
Manual Integrations
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Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#90
Hexachloroethane
Concen: 54.301 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

Tgt Ion:117 Resp: 68638
Ion Ratio Lower Upper
117 100
201 79.3 31.5 94.5





#91

1,2-Dichlorobenzene

Concen: 51.759 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN075513.D

Acq: 30 Nov 2022 19:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 199958

Ion Ratio Lower Upper

146 100

111 40.2 21.3 63.9

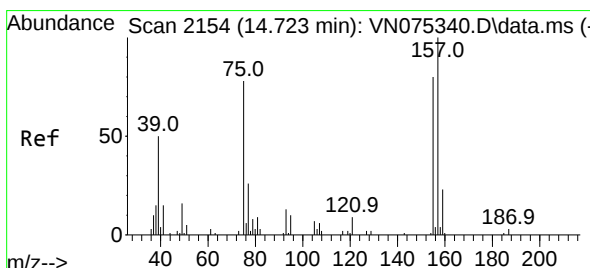
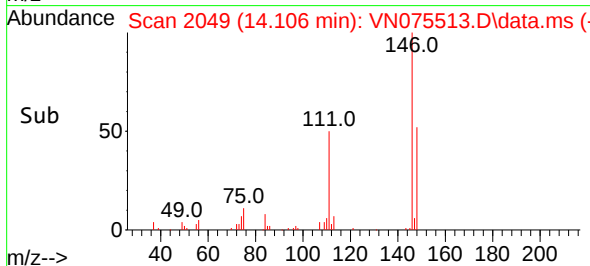
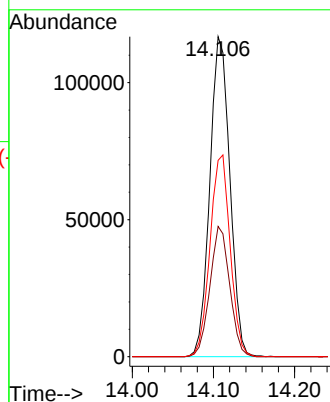
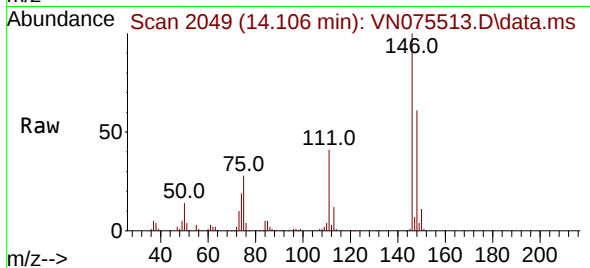
148 63.5 31.4 94.2

Manual Integrations

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Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.364 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. 0.000 min

Lab File: VN075513.D

Acq: 30 Nov 2022 19:51

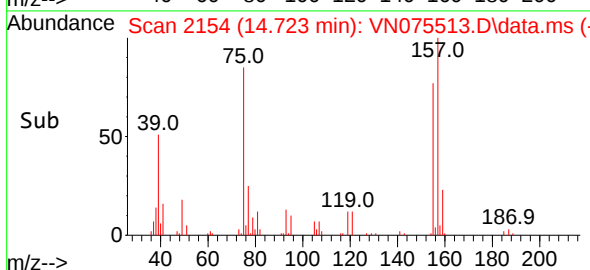
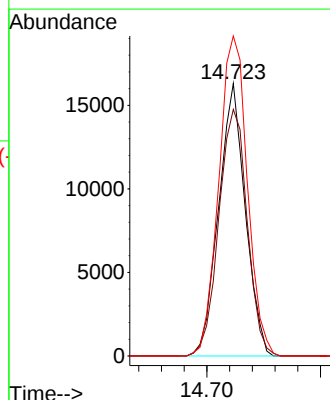
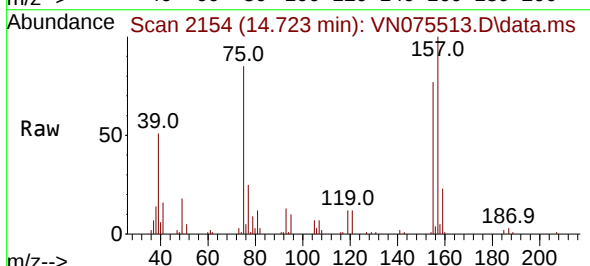
Tgt Ion: 75 Resp: 26602

Ion Ratio Lower Upper

75 100

155 95.9 42.1 126.3

157 125.8 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 50.688 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075513.D

Acq: 30 Nov 2022 19:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 100350

Ion Ratio Lower Upper

180 100

182 94.5 47.8 143.4

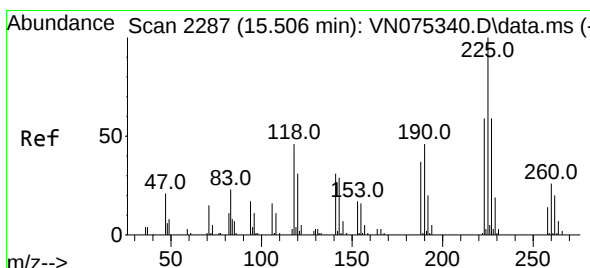
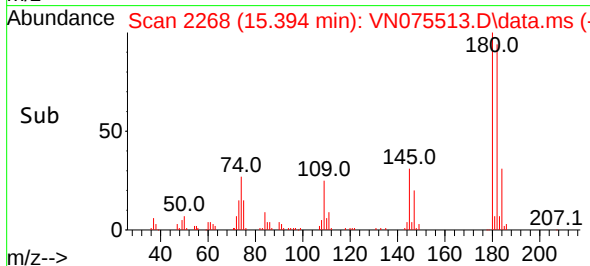
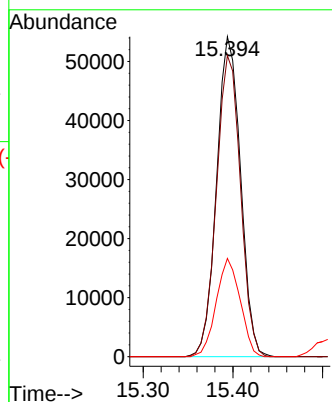
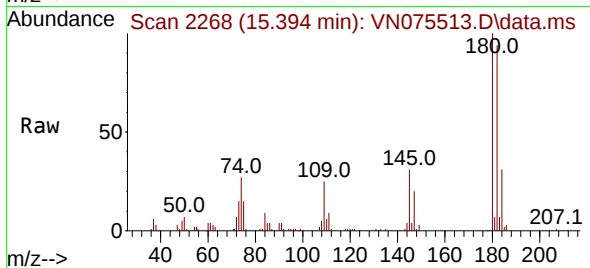
145 30.7 16.8 50.3

Manual Integrations

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Reviewed By :John Carlone 12/01/2022

Supervised By :Mahesh Dadoda 12/01/2022



#94

Hexachlorobutadiene

Concen: 49.721 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN075513.D

Acq: 30 Nov 2022 19:51

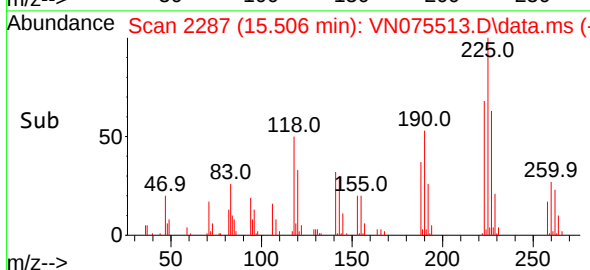
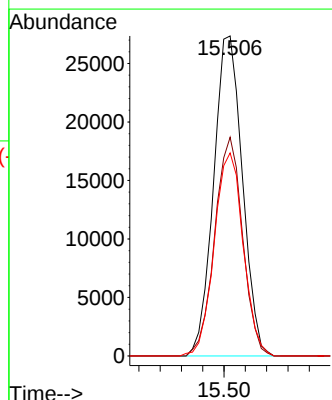
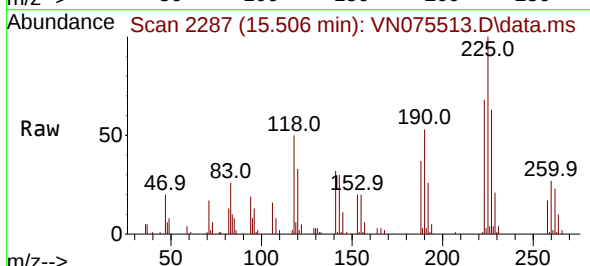
Tgt Ion:225 Resp: 51273

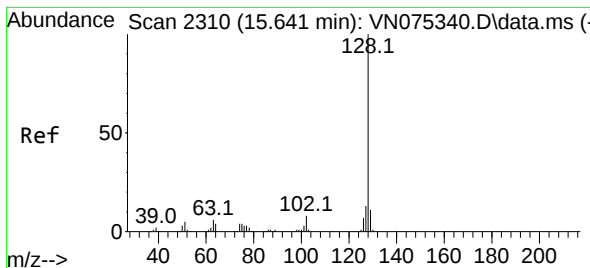
Ion Ratio Lower Upper

225 100

223 66.1 32.3 96.9

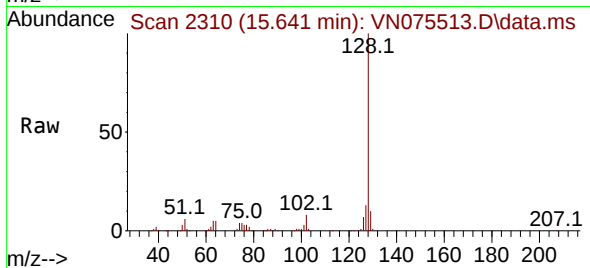
227 63.8 32.0 96.2





#95
Naphthalene
Concen: 51.574 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51

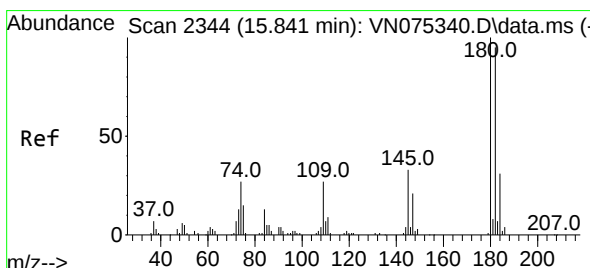
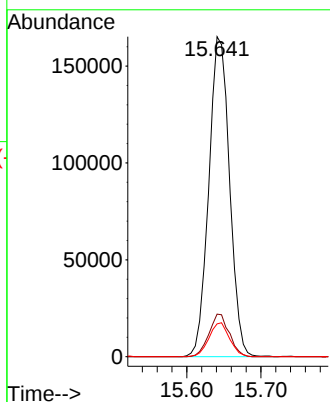
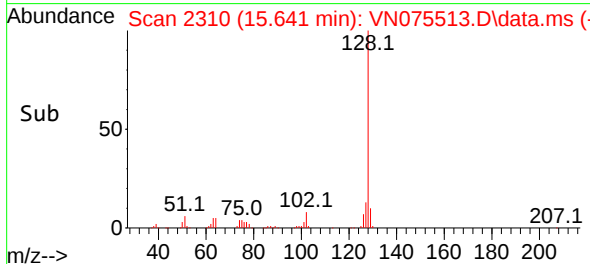
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



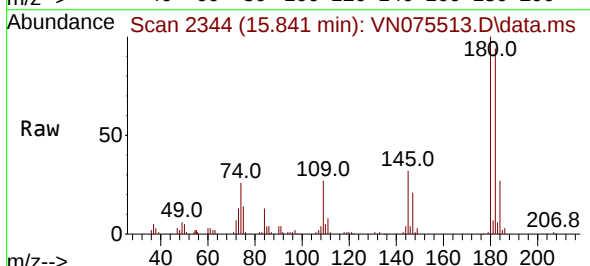
Tgt Ion:128 Resp: 321219
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.6 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.181 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075513.D
Acq: 30 Nov 2022 19:51



Tgt Ion:180 Resp: 99588
Ion Ratio Lower Upper
180 100
182 96.1 47.3 141.8
145 31.7 17.6 52.9

