

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112122\
 Data File : VN075340.D
 Acq On : 21 Nov 2022 12:41
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/22/2022
 Supervised By : Mahesh Dadoda 11/23/2022

Quant Time: Nov 22 04:48:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 04:47:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	159896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	263774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	243229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	128348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	42211	21.616	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	43.240%#		
35) Dibromofluoromethane	8.171	113	53829	36.415	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	72.820%#		
50) Toluene-d8	10.565	98	122505	22.554	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	45.100%#		
62) 4-Bromofluorobenzene	12.847	95	92475	45.001	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	60351	31.050	ug/l	97
3) Chloromethane	2.371	50	70102	33.507	ug/l	100
4) Vinyl Chloride	2.524	62	92764	31.531	ug/l	97
5) Bromomethane	2.918	94	88108	40.813	ug/l	99
6) Chloroethane	3.107	64	67504	31.744	ug/l	98
7) Trichlorofluoromethane	3.501	101	132678	42.267	ug/l	98
8) Diethyl Ether	3.965	74	49670	43.280	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	74289	42.728	ug/l	94
10) Methyl Iodide	4.595	142	121795	46.198	ug/l	96
11) Tert butyl alcohol	5.542	59	82040	170.559	ug/l	98
12) 1,1-Dichloroethene	4.342	96	72662	43.682	ug/l	85
13) Acrolein	4.183	56	74837	189.148	ug/l	98
14) Allyl chloride	5.036	41	87764	37.290	ug/l #	93
15) Acrylonitrile	5.724	53	202095	197.104	ug/l	98
16) Acetone	4.436	43	184570	206.213	ug/l	97
17) Carbon Disulfide	4.718	76	189220	45.158	ug/l	99
18) Methyl Acetate	5.036	43	101735	35.789	ug/l	95
19) Methyl tert-butyl Ether	5.806	73	253469	41.479	ug/l	97
20) Methylene Chloride	5.289	84	82589	41.552	ug/l	90
21) trans-1,2-Dichloroethene	5.795	96	81193	44.406	ug/l	92
22) Diisopropyl ether	6.677	45	218068	41.232	ug/l	99
23) Vinyl Acetate	6.612	43	892638m	203.122	ug/l	
24) 1,1-Dichloroethane	6.577	63	139762	41.555	ug/l	98
25) 2-Butanone	7.489	43	264266	191.099	ug/l	98
26) 2,2-Dichloropropane	7.494	77	128446	41.555	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	97288	44.635	ug/l	94
28) Bromochloromethane	7.818	49	55154	39.416	ug/l #	82
29) Tetrahydrofuran	7.841	42	168807	190.188	ug/l	99
30) Chloroform	7.971	83	154229	42.252	ug/l	98
31) Cyclohexane	8.259	56	126406	40.626	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	144854	43.586	ug/l	96
36) 1,1-Dichloropropene	8.371	75	113734	47.761	ug/l	96
37) Ethyl Acetate	7.565	43	106118	41.203	ug/l	99
38) Carbon Tetrachloride	8.365	117	128625	49.028	ug/l	97
39) Methylcyclohexane	9.600	83	145304	46.511	ug/l	97
40) Benzene	8.606	78	344728	47.295	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	51041	41.752	ug/l	95
42) 1,2-Dichloroethane	8.671	62	113955	43.566	ug/l	97
43) Isopropyl Acetate	8.688	43	167368	42.208	ug/l	97
44) Trichloroethene	9.353	130	93629	50.345	ug/l	99
45) 1,2-Dichloropropane	9.624	63	82347	47.636	ug/l	100
46) Dibromomethane	9.712	93	62249	46.126	ug/l	90
47) Bromodichloromethane	9.888	83	122290	46.800	ug/l	98
48) Methyl methacrylate	9.683	41	77043	42.078	ug/l	95
49) 1,4-Dioxane	9.700	88	44943	920.108	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	526637	206.022	ug/l	97
52) Toluene	10.630	92	230285	47.667	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	132030	48.201	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	139528	47.849	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	88906	46.377	ug/l	97
56) Ethyl methacrylate	10.877	69	133440	45.950	ug/l	97
57) 1,3-Dichloropropane	11.165	76	147528	46.173	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	244274	220.145	ug/l	96
59) 2-Hexanone	11.194	43	403908	208.031	ug/l	98
60) Dibromochloromethane	11.359	129	103826	50.783	ug/l	100
61) 1,2-Dibromoethane	11.471	107	96215	48.769	ug/l	100
64) Tetrachloroethene	11.106	164	88113	56.895	ug/l	92
65) Chlorobenzene	11.894	112	251867	48.546	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	95889	49.743	ug/l	98
67) Ethyl Benzene	11.965	91	448642	48.417	ug/l	95
68) m/p-Xylenes	12.071	106	359382	97.142	ug/l	100
69) o-Xylene	12.400	106	174127	47.525	ug/l	99
70) Styrene	12.412	104	291800	49.782	ug/l	98
71) Bromoform	12.576	173	78662	53.869	ug/l #	99
73) Isopropylbenzene	12.694	105	459673	45.128	ug/l	98
74) N-amyl acetate	12.494	43	148072	39.898	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	134959	46.102	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	114046m	43.017	ug/l	
77) Bromobenzene	12.982	156	111858	48.907	ug/l	85
78) n-propylbenzene	13.035	91	529824	46.259	ug/l	100
79) 2-Chlorotoluene	13.124	91	308256	44.269	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	396947	46.407	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	43122	41.755	ug/l	95
82) 4-Chlorotoluene	13.124	91	308256	44.269	ug/l	96
83) tert-Butylbenzene	13.441	119	353655	46.390	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	398359	46.093	ug/l	98
85) sec-Butylbenzene	13.618	105	499926	46.969	ug/l	99
86) p-Isopropyltoluene	13.729	119	427183	48.496	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	217530	48.965	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	214968	48.859	ug/l	98
89) n-Butylbenzene	14.059	91	357383	50.215	ug/l	99
90) Hexachloroethane	14.335	117	74275	46.181	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	217471	49.166	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	28366	41.846	ug/l	84
93) 1,2,4-Trichlorobenzene	15.394	180	120340	60.850	ug/l	97
94) Hexachlorobutadiene	15.506	225	60733	61.708	ug/l	98
95) Naphthalene	15.641	128	372396	51.016	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	113558	58.167	ug/l	98

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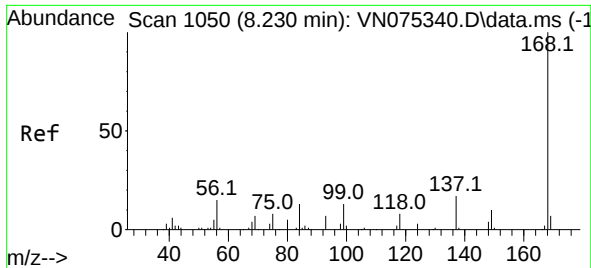
Manual Integrations
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Quant Title : SW846 8260
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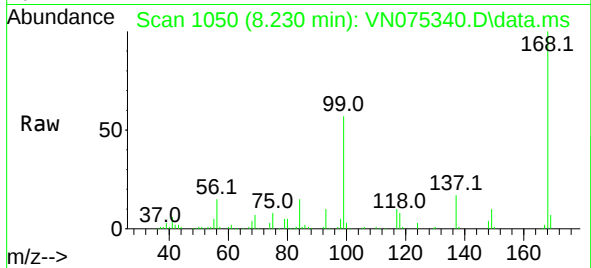
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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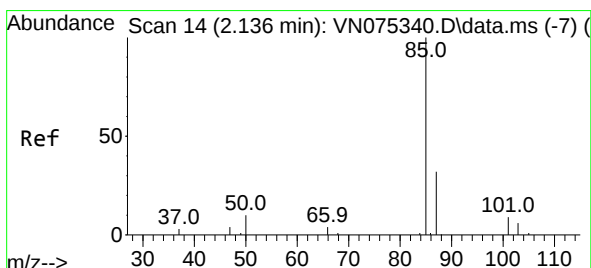
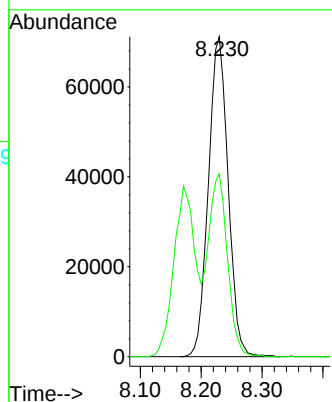
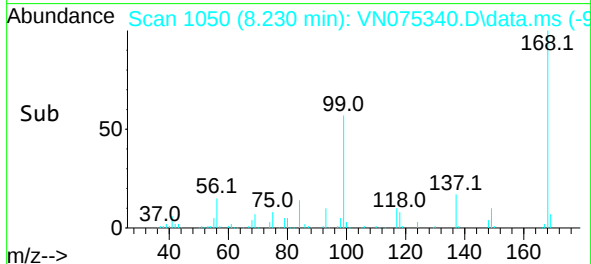
Instrument :
MSVOA_N
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VSTDICCC050



Tgt Ion:168 Resp: 159890
Ion Ratio Lower Upper
168 100
99 57.1 51.6 77.4

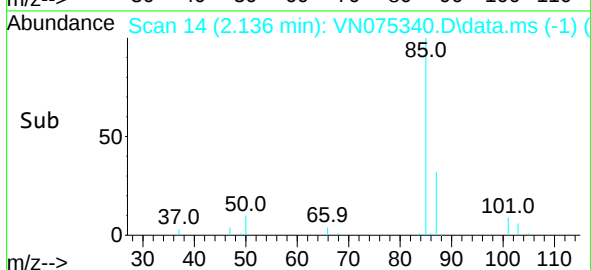
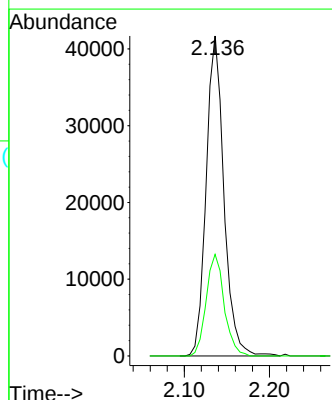
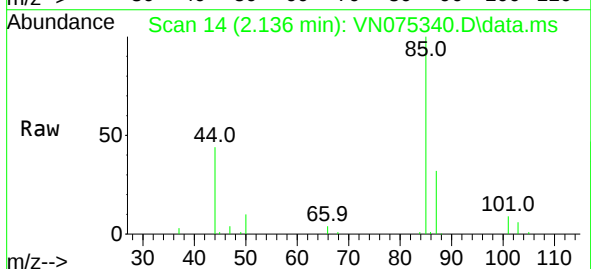
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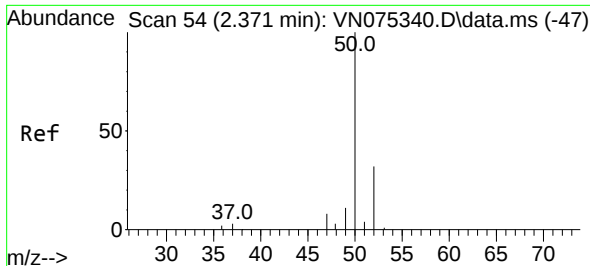
Reviewed By :John Carlone 11/22/2022
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#2
Dichlorodifluoromethane
Concen: 31.050 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

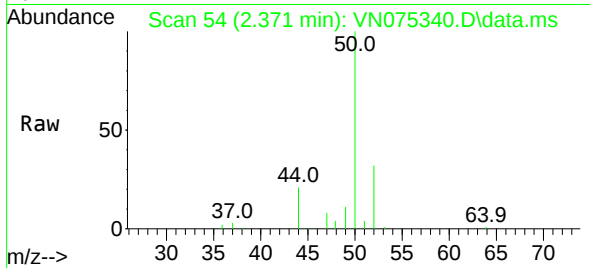
Tgt Ion: 85 Resp: 60351
Ion Ratio Lower Upper
85 100
87 31.8 16.7 50.0





#3
Chloromethane
Concen: 33.507 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

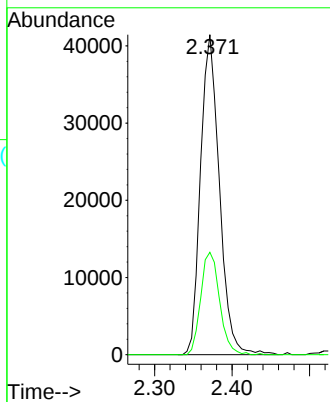
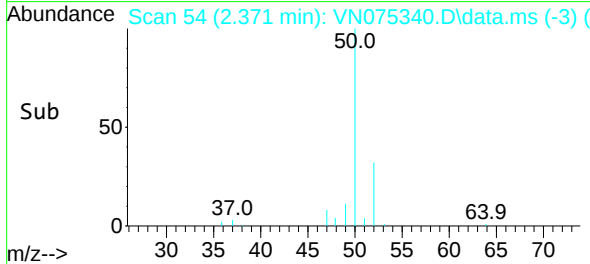
Instrument :
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Tgt Ion: 50 Resp: 7010
Ion Ratio Lower Upper
50 100
52 32.0 25.8 38.6

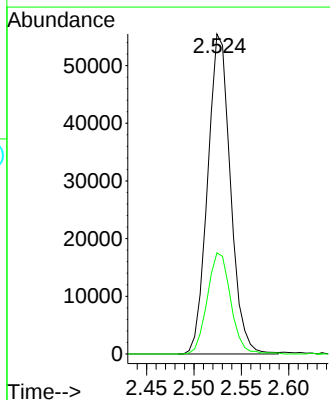
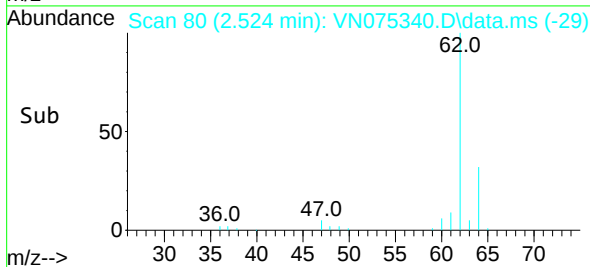
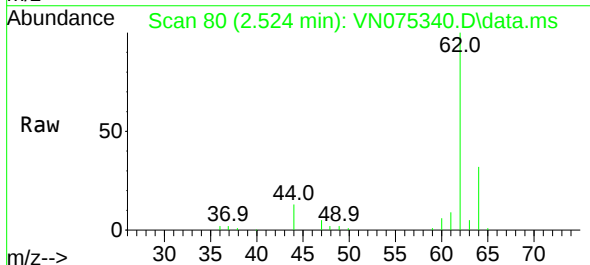
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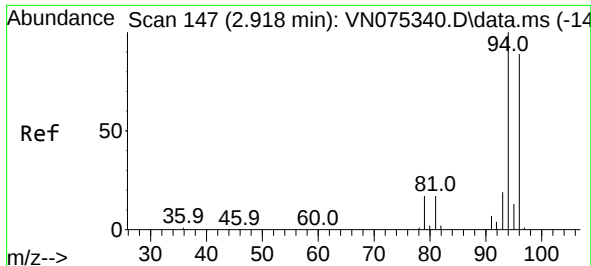
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#4
Vinyl Chloride
Concen: 31.531 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
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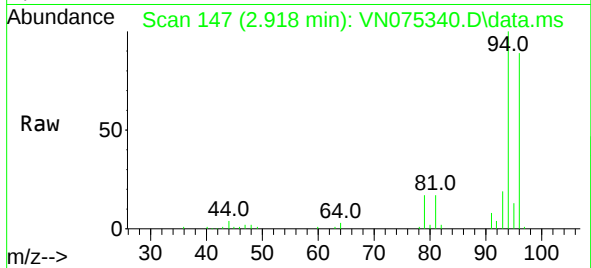
Tgt Ion: 62 Resp: 92764
Ion Ratio Lower Upper
62 100
64 31.6 24.0 36.0





#5
Bromomethane
Concen: 40.813 ug/l
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

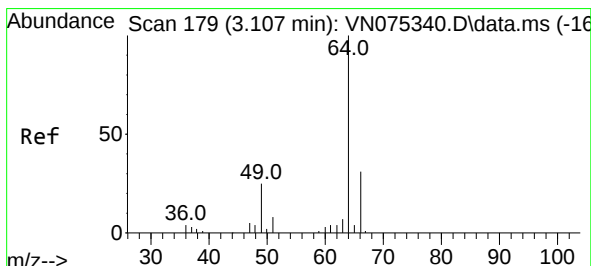
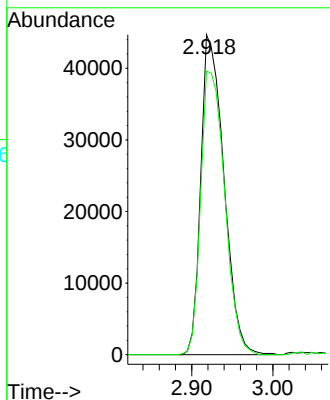
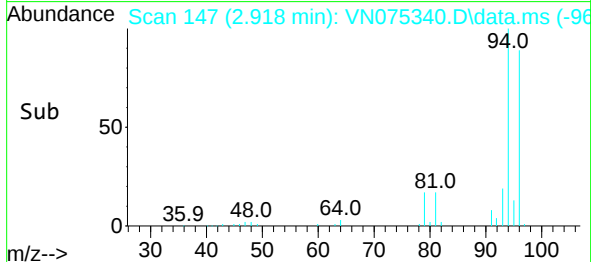
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Tgt Ion: 94 Resp: 88108
Ion Ratio Lower Upper
94 100
96 88.6 71.8 107.6

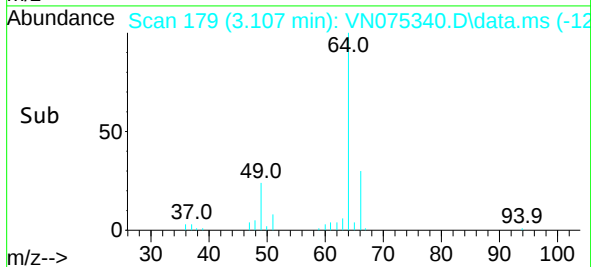
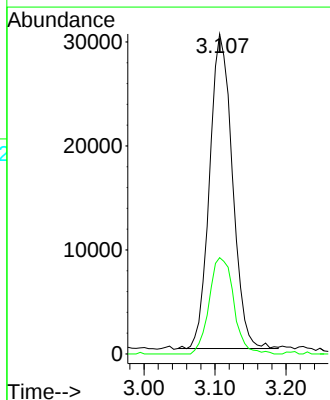
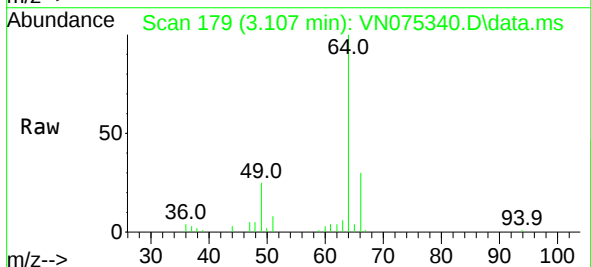
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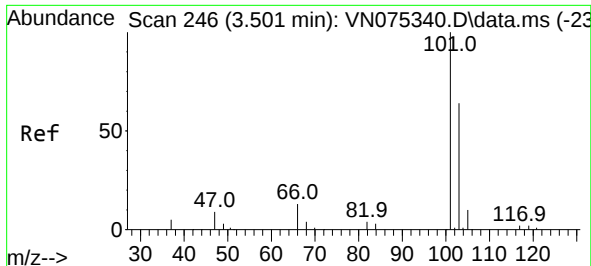
Reviewed By :John Carlone 11/22/2022
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#6
Chloroethane
Concen: 31.744 ug/l
RT: 3.107 min Scan# 179
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

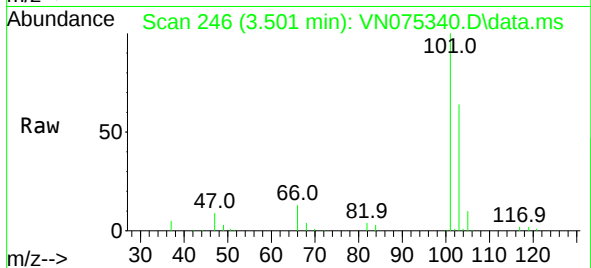
Tgt Ion: 64 Resp: 67504
Ion Ratio Lower Upper
64 100
66 30.6 23.8 35.8





#7
Trichlorofluoromethane
Concen: 42.267 ug/l
RT: 3.501 min Scan# 246
Delta R.T. 0.000 min
Lab File: VN075340.D
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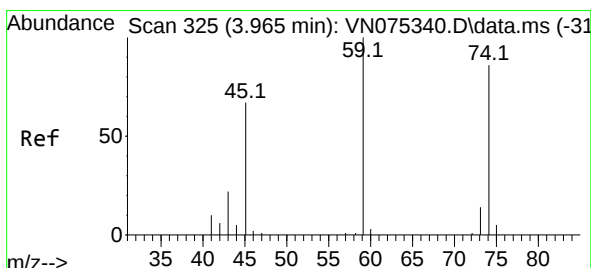
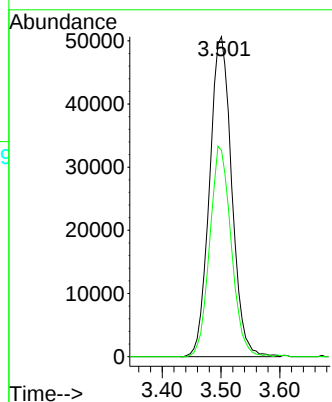
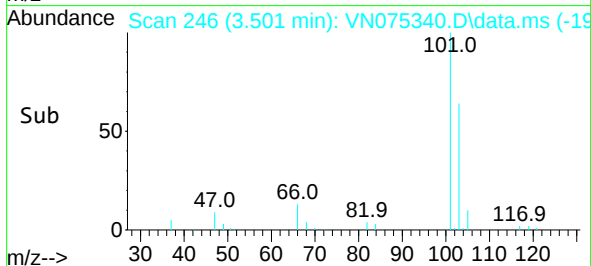
Instrument :
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Tgt Ion:101 Resp: 132678
Ion Ratio Lower Upper
101 100
103 64.5 50.5 75.7

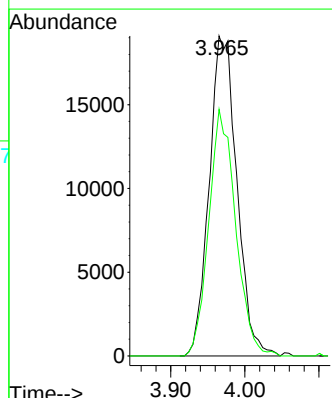
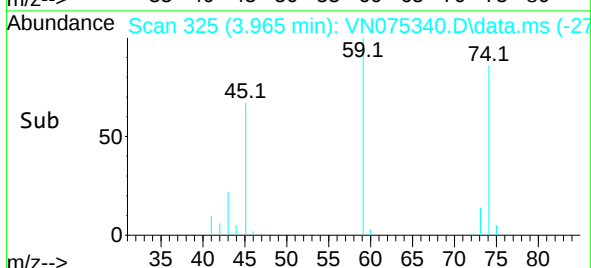
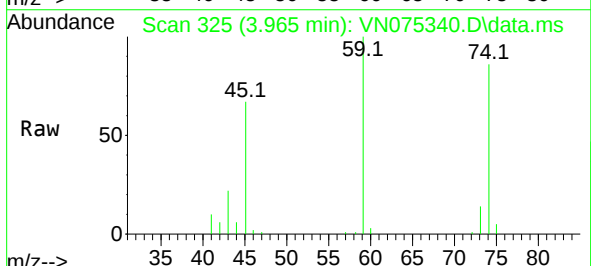
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#8
Diethyl Ether
Concen: 43.280 ug/l
RT: 3.965 min Scan# 325
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 49670
Ion Ratio Lower Upper
74 100
45 74.7 39.3 117.9





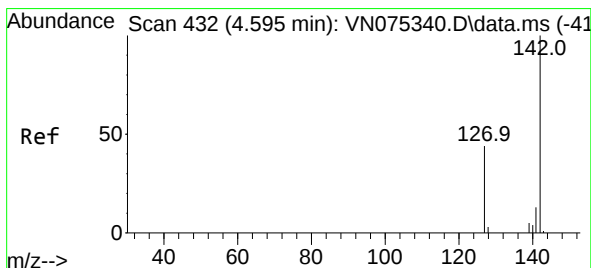
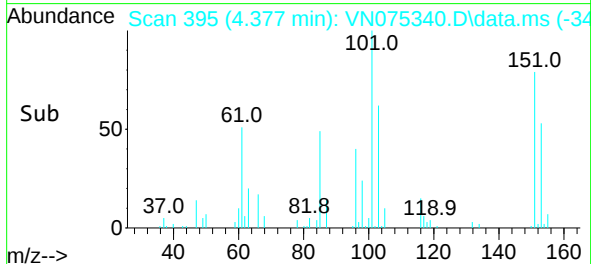
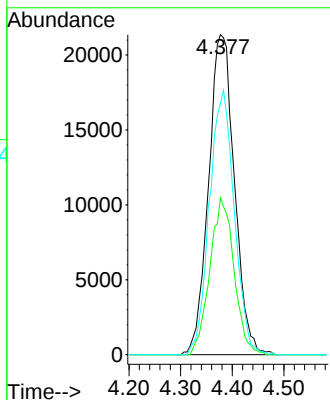
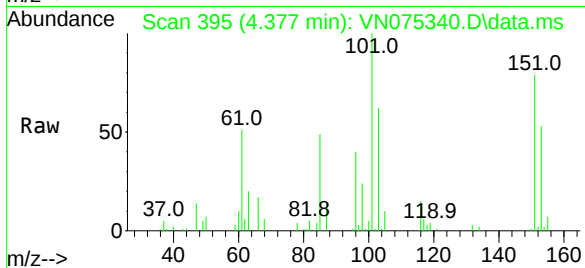
#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.728 ug/l
RT: 4.377 min Scan# 395
Delta R.T. 0.000 min
Lab File: VN075340.D
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Tgt Ion:101 Resp: 74289
Ion Ratio Lower Upper
101 100
85 45.7 37.6 56.4
151 79.5 58.3 87.5

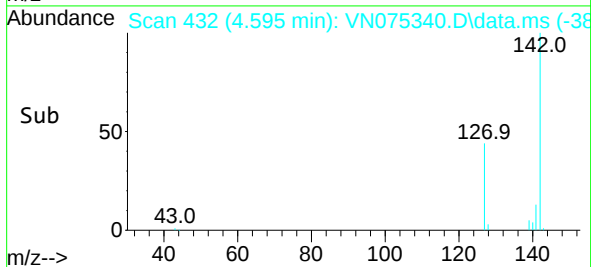
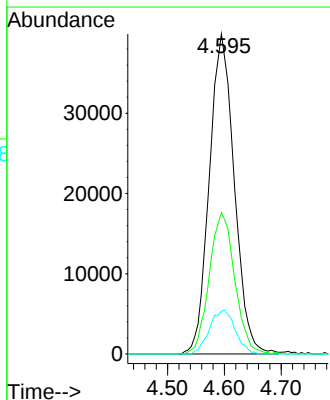
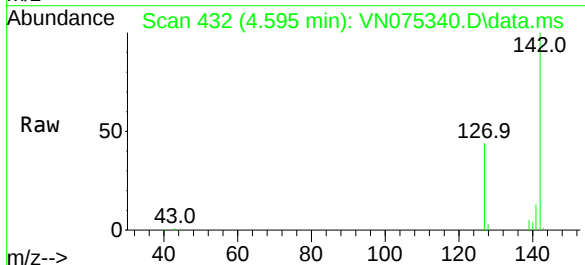
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#10
Methyl Iodide
Concen: 46.198 ug/l
RT: 4.595 min Scan# 432
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

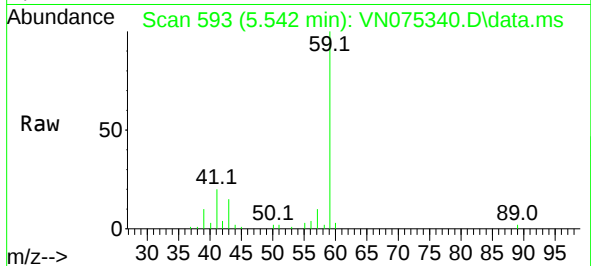
Tgt Ion:142 Resp: 121795
Ion Ratio Lower Upper
142 100
127 45.0 38.0 57.0
141 14.2 12.2 18.4





#11
Tert butyl alcohol
Concen: 170.559 ug/l
RT: 5.542 min Scan# 593
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

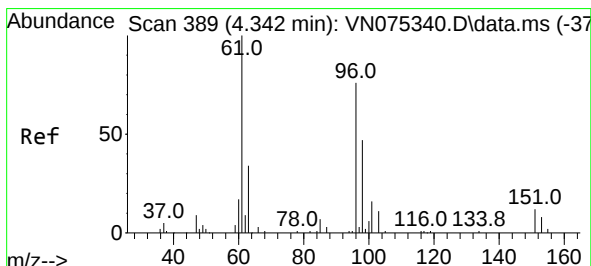
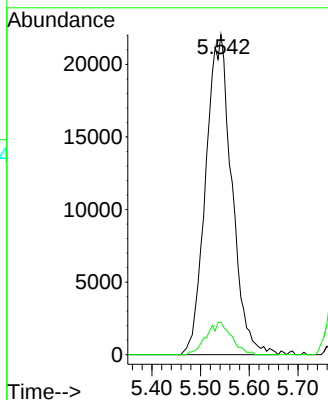
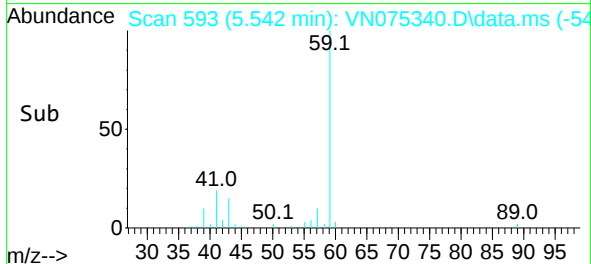
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



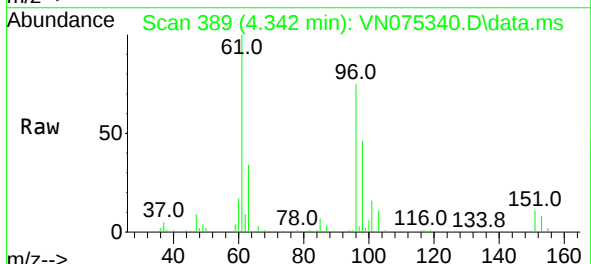
Tgt Ion: 59 Resp: 82040
Ion Ratio Lower Upper
59 100
57 9.8 8.5 12.7

Manual Integrations
APPROVED

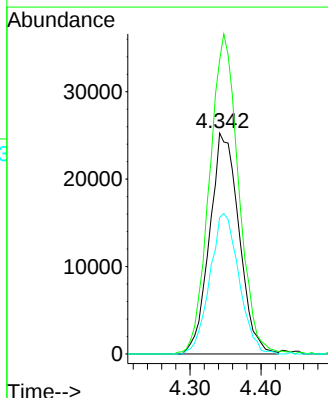
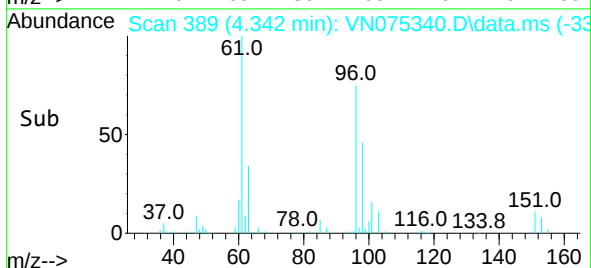
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#12
1,1-Dichloroethene
Concen: 43.682 ug/l
RT: 4.342 min Scan# 389
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41



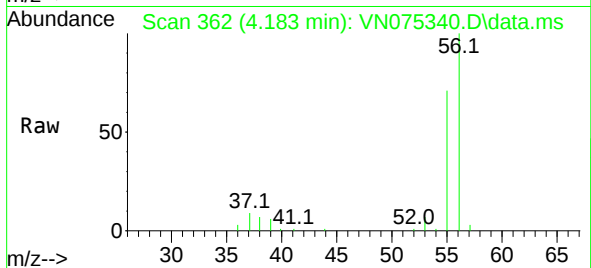
Tgt Ion: 96 Resp: 72662
Ion Ratio Lower Upper
96 100
61 132.3 126.2 189.4
98 61.8 51.5 77.3





#13
Acrolein
Concen: 189.148 ug/l
RT: 4.183 min Scan# 362
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

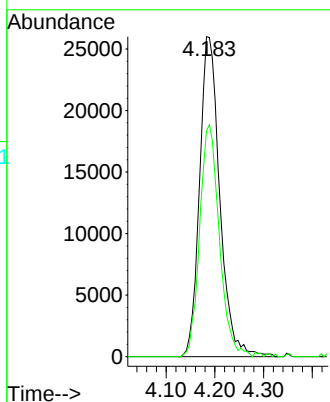
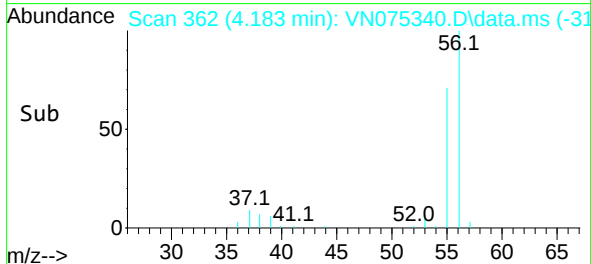
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



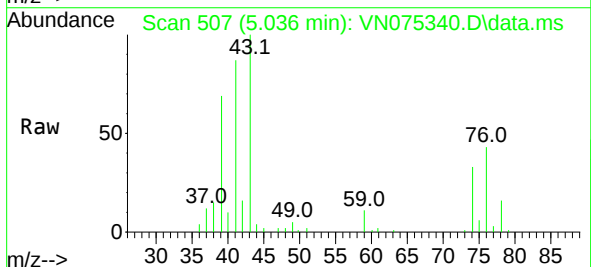
Tgt Ion: 56 Resp: 7483
Ion Ratio Lower Upper
56 100
55 70.3 55.2 82.8

Manual Integrations
APPROVED

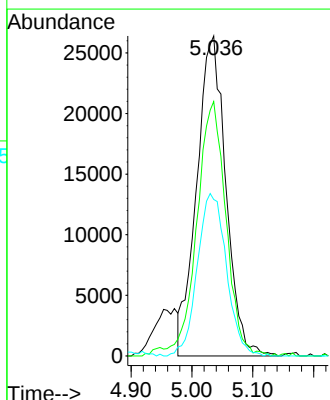
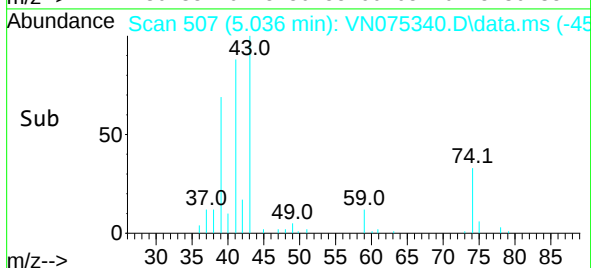
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

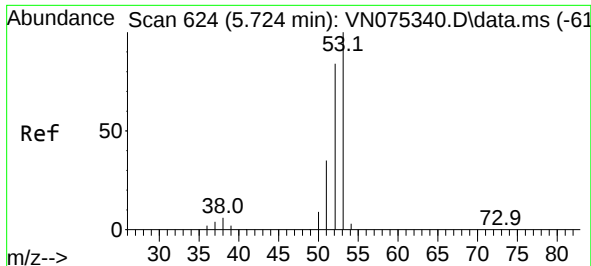


#14
Allyl chloride
Concen: 37.290 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41



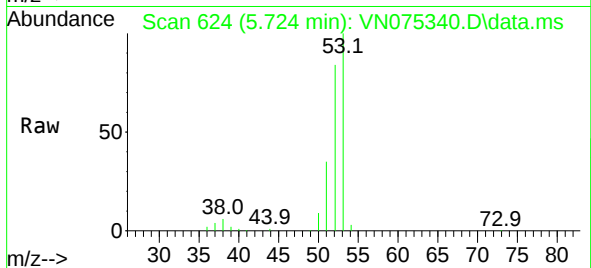
Tgt Ion: 41 Resp: 87764
Ion Ratio Lower Upper
41 100
39 79.0 61.0 91.4
76 50.7 33.4 50.0#





#15
Acrylonitrile
Concen: 197.104 ug/l
RT: 5.724 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

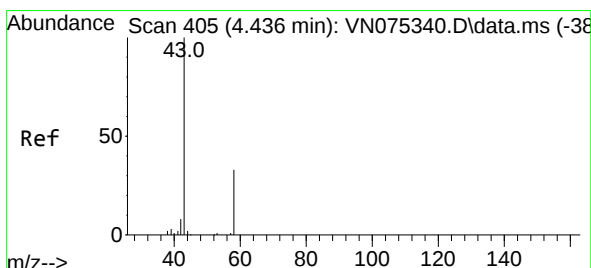
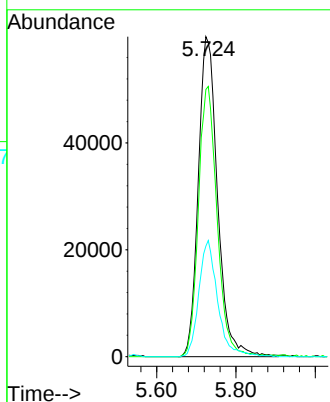
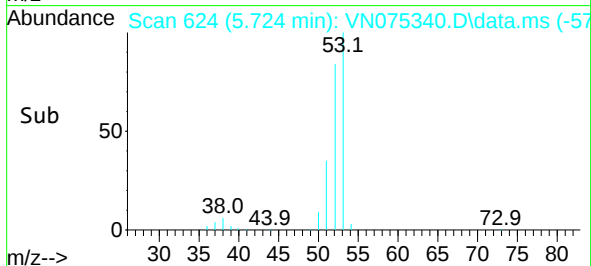
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



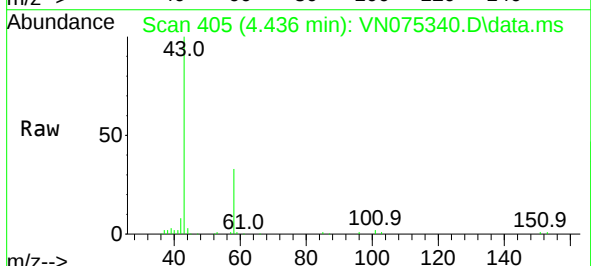
Tgt Ion: 53 Resp: 202095
Ion Ratio Lower Upper
53 100
52 81.8 66.4 99.6
51 35.6 29.6 44.4

Manual Integrations
APPROVED

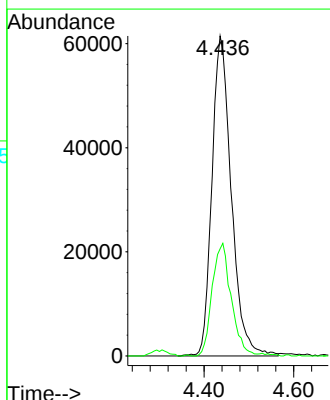
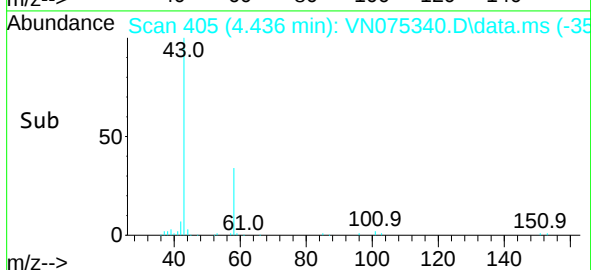
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

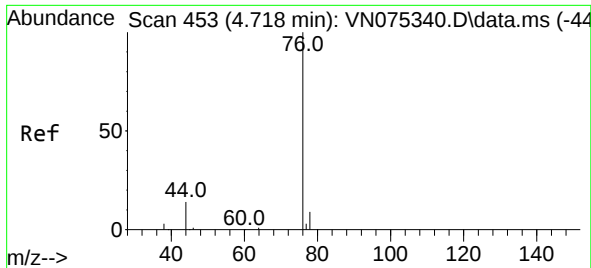


#16
Acetone
Concen: 206.213 ug/l
RT: 4.436 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41



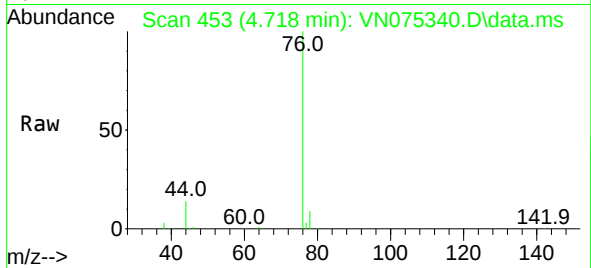
Tgt Ion: 43 Resp: 184570
Ion Ratio Lower Upper
43 100
58 33.5 25.5 38.3





#17
Carbon Disulfide
Concen: 45.158 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

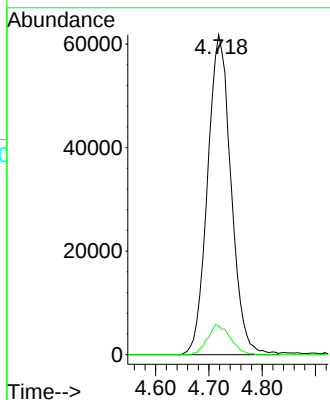
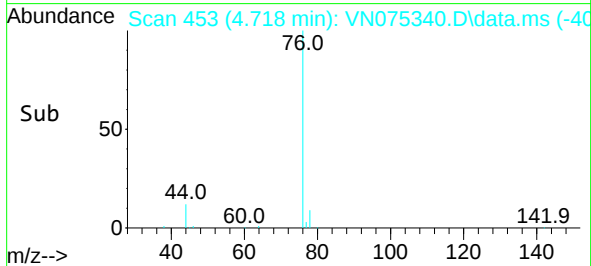
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



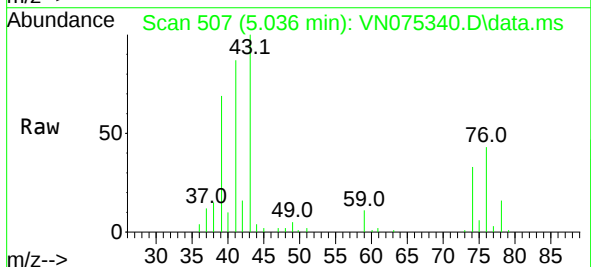
Tgt Ion: 76 Resp: 189220
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

Manual Integrations
APPROVED

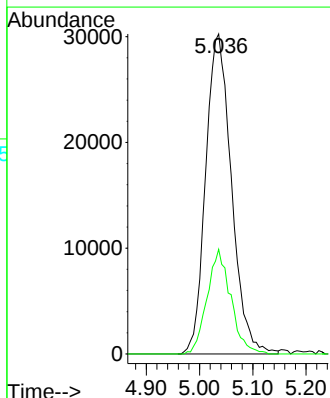
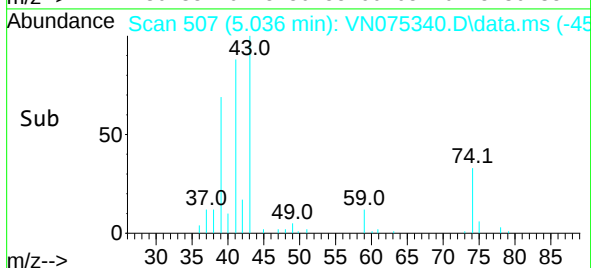
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

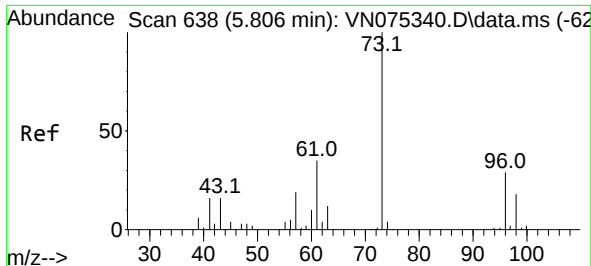


#18
Methyl Acetate
Concen: 35.789 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41



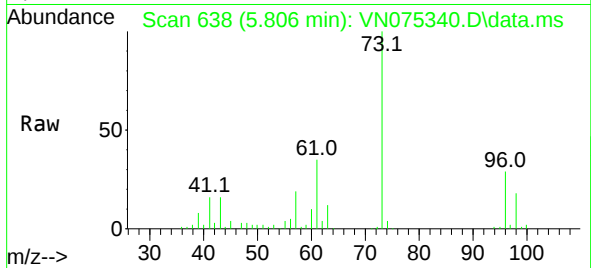
Tgt Ion: 43 Resp: 101735
Ion Ratio Lower Upper
43 100
74 29.9 22.0 33.0





#19
Methyl tert-butyl Ether
Concen: 41.479 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

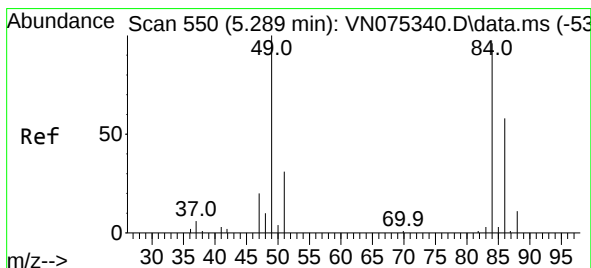
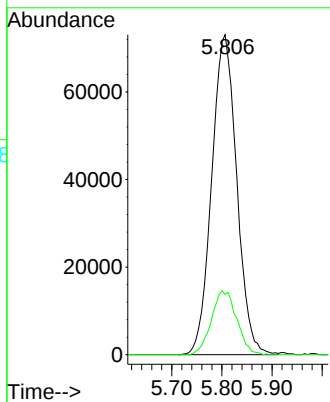
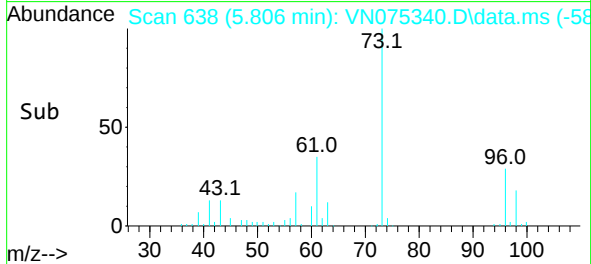
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 73 Resp: 253469
Ion Ratio Lower Upper
73 100
57 18.9 16.3 24.5

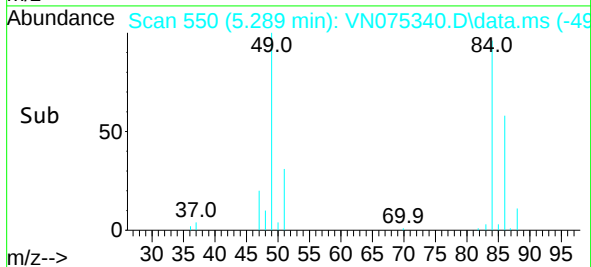
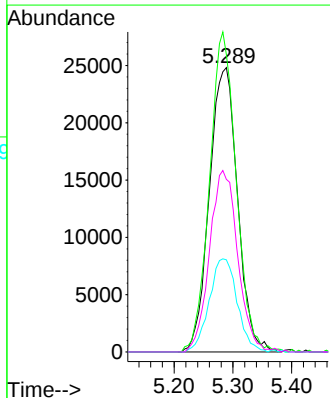
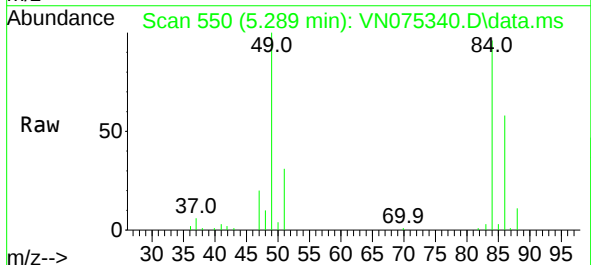
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#20
Methylene Chloride
Concen: 41.552 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

Tgt Ion: 84 Resp: 82589
Ion Ratio Lower Upper
84 100
49 104.6 94.9 142.3
51 32.4 26.8 40.2
86 60.7 53.7 80.5





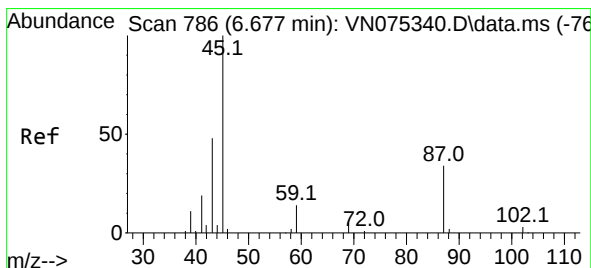
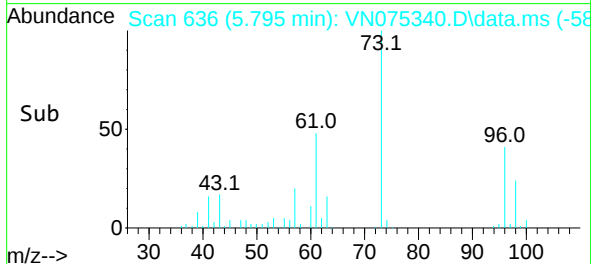
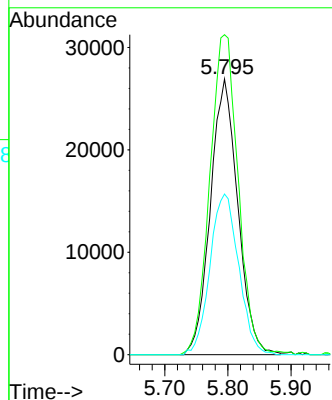
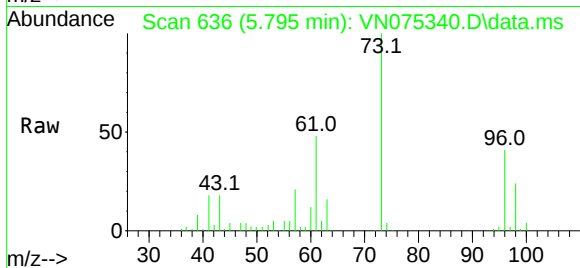
#21
trans-1,2-Dichloroethene
Concen: 44.406 ug/l
RT: 5.795 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 81193
Ion Ratio Lower Upper
96 100
61 116.1 99.9 149.9
98 58.3 51.5 77.3

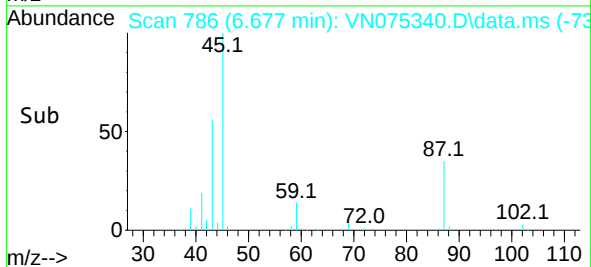
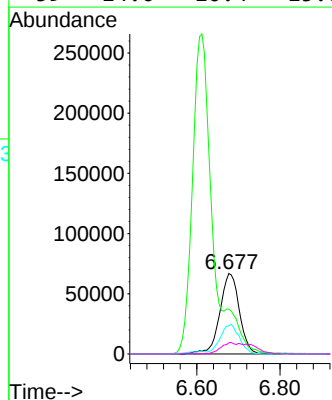
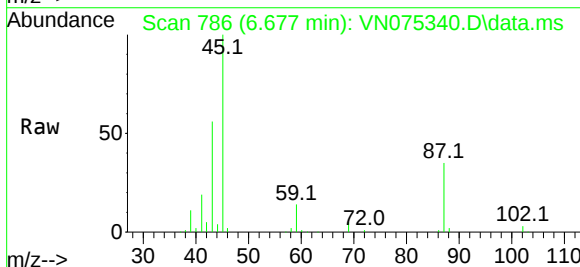
Manual Integrations
APPROVED

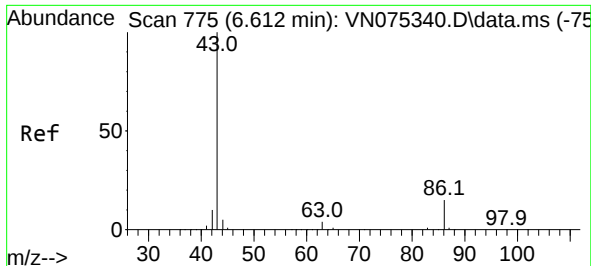
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#22
Diisopropyl ether
Concen: 41.232 ug/l
RT: 6.677 min Scan# 786
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

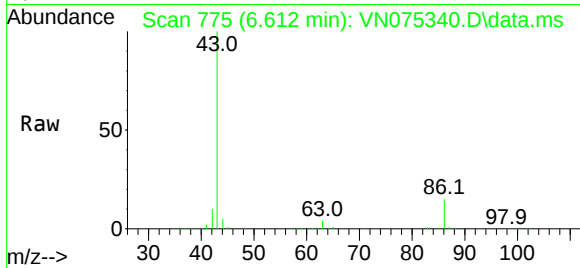
Tgt Ion: 45 Resp: 218068
Ion Ratio Lower Upper
45 100
43 54.7 42.8 64.2
87 35.0 28.4 42.6
59 14.0 10.4 15.6





#23
 Vinyl Acetate
 Concen: 203.122 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075340.D
 Acq: 21 Nov 2022 12:41

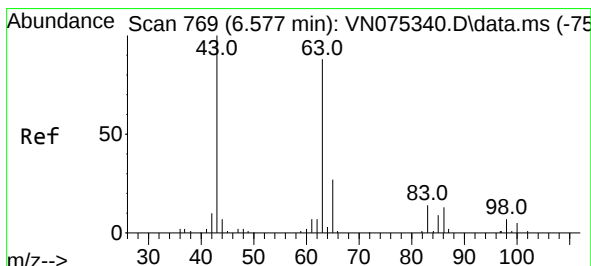
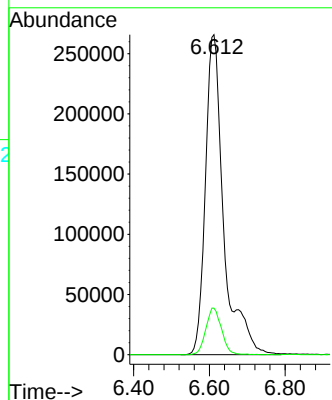
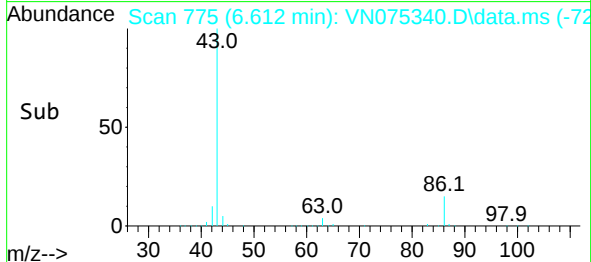
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



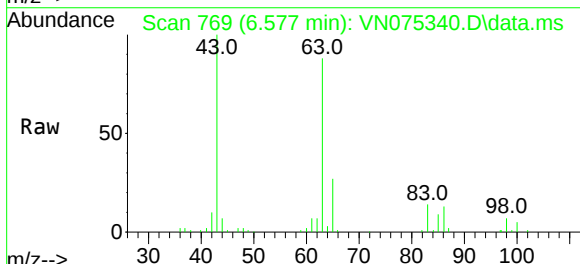
Tgt Ion: 43 Resp: 892638
 Ion Ratio Lower Upper
 43 100
 86 14.6 10.7 16.1

Manual Integrations
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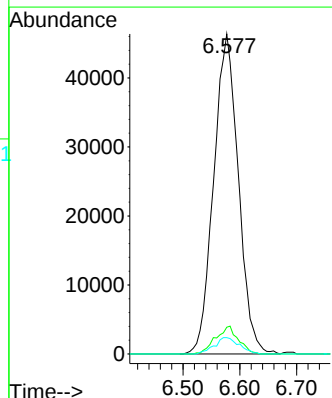
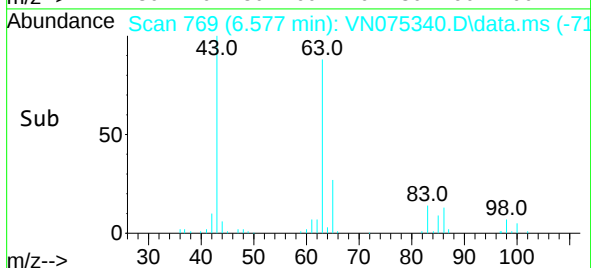
Reviewed By :John Carlone 11/22/2022
 Supervised By :Mahesh Dadoda 11/23/2022

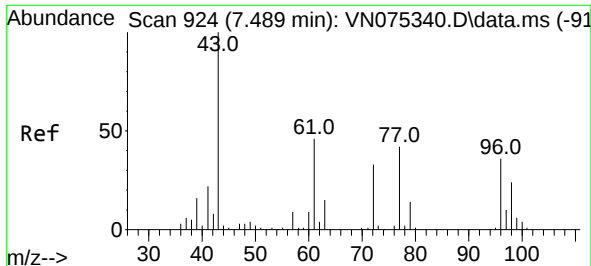


#24
 1,1-Dichloroethane
 Concen: 41.555 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN075340.D
 Acq: 21 Nov 2022 12:41



Tgt Ion: 63 Resp: 139762
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.6 10.8
 100 5.1 2.4 7.2





#25

2-Butanone

Concen: 191.099 ug/l

RT: 7.489 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075340.D

Acq: 21 Nov 2022 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 26426

Ion Ratio Lower Upper

43 100

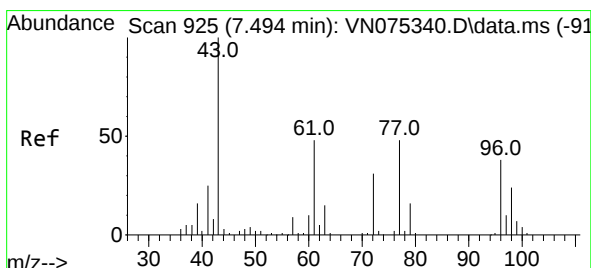
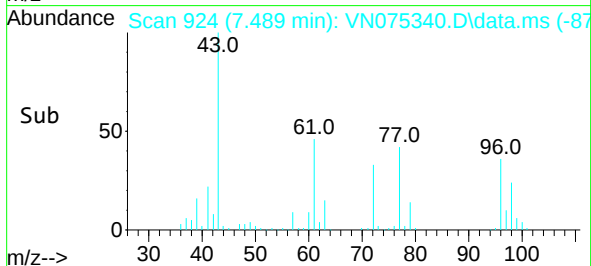
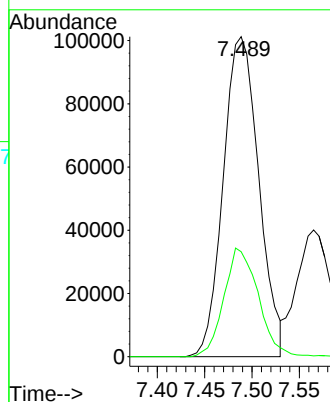
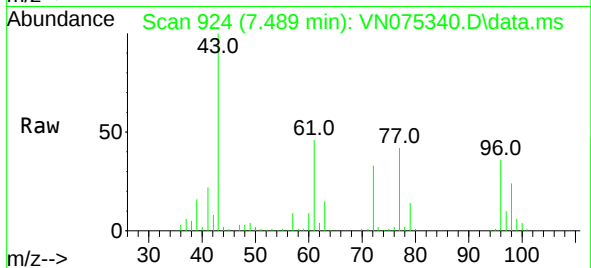
72 32.8 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#26

2,2-Dichloropropane

Concen: 41.555 ug/l

RT: 7.494 min Scan# 925

Delta R.T. 0.000 min

Lab File: VN075340.D

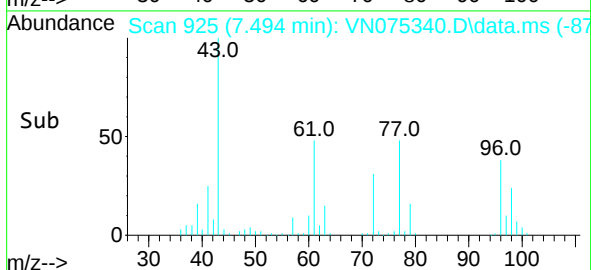
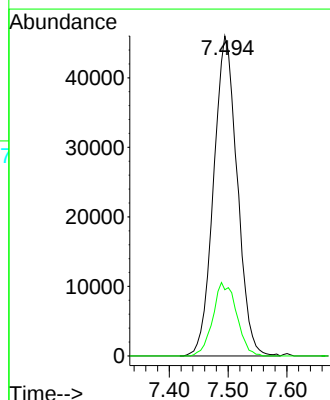
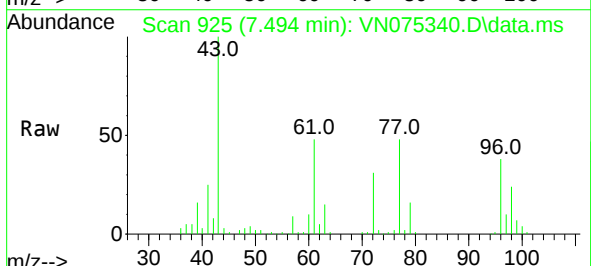
Acq: 21 Nov 2022 12:41

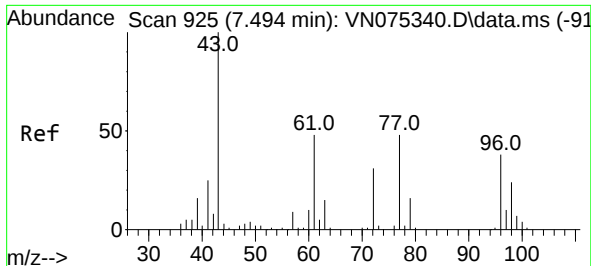
Tgt Ion: 77 Resp: 128446

Ion Ratio Lower Upper

77 100

97 23.0 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 44.635 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075340.D

Acq: 21 Nov 2022 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 9728

Ion Ratio Lower Upper

96 100

61 128.6 0.0 278.8

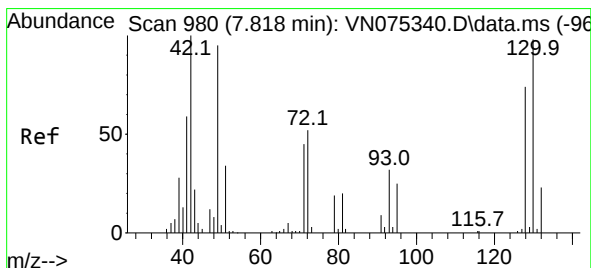
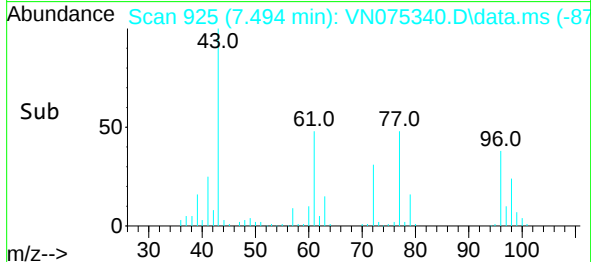
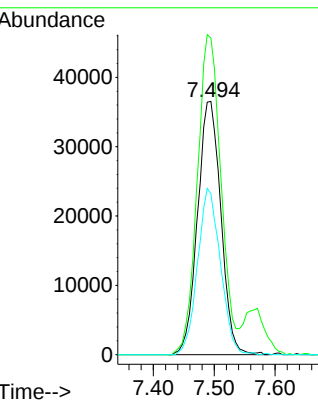
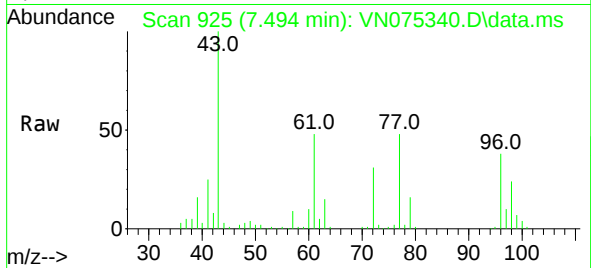
98 64.4 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#28

Bromochloromethane

Concen: 39.416 ug/l

RT: 7.818 min Scan# 980

Delta R.T. 0.000 min

Lab File: VN075340.D

Acq: 21 Nov 2022 12:41

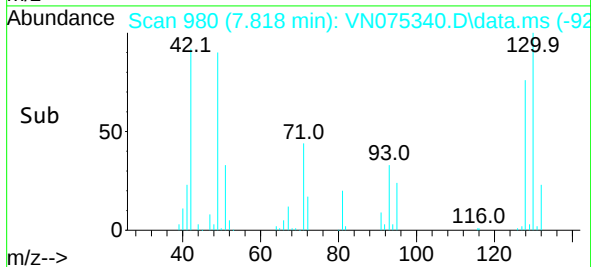
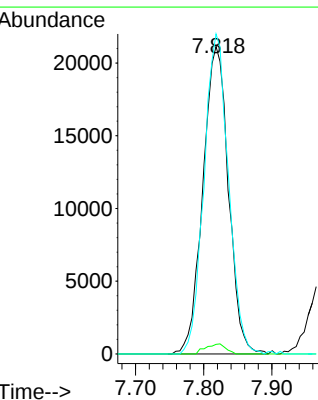
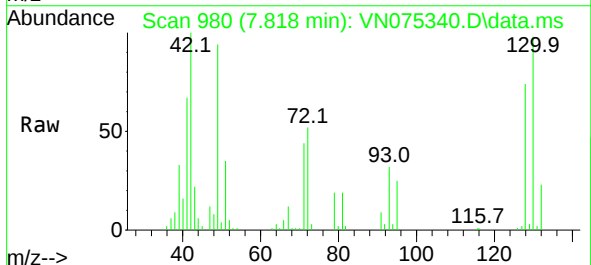
Tgt Ion: 49 Resp: 55154

Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

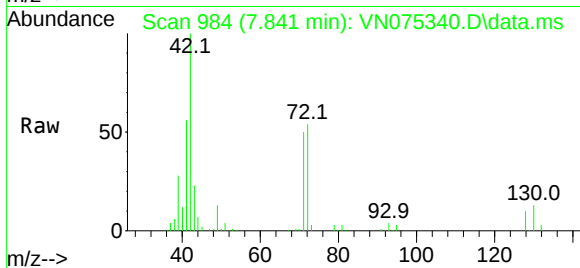
130 99.8 66.2 99.4#





#29
Tetrahydrofuran
Concen: 190.188 ug/l
RT: 7.841 min Scan# 984
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

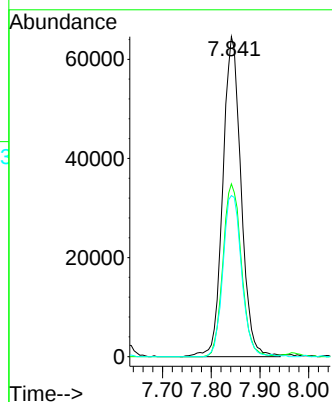
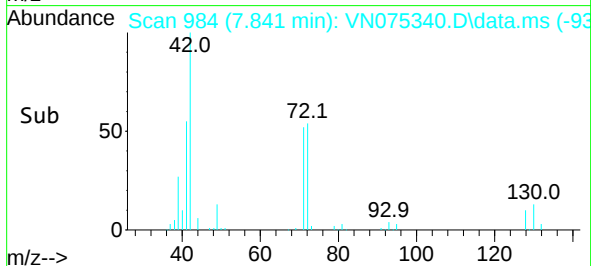
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



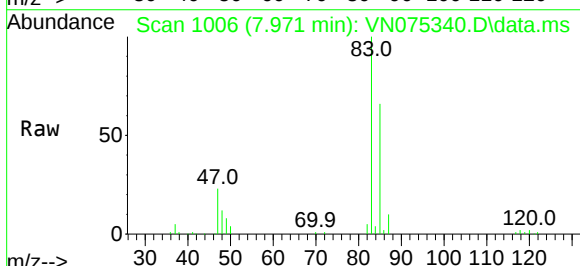
Tgt Ion: 42 Resp: 16880
Ion Ratio Lower Upper
42 100
72 54.5 43.0 64.6
71 51.2 39.9 59.9

Manual Integrations
APPROVED

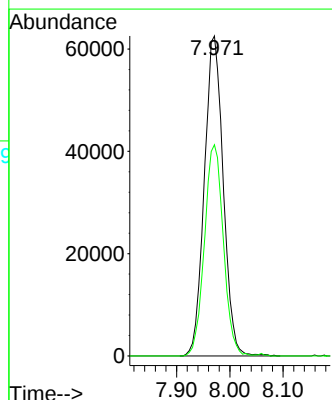
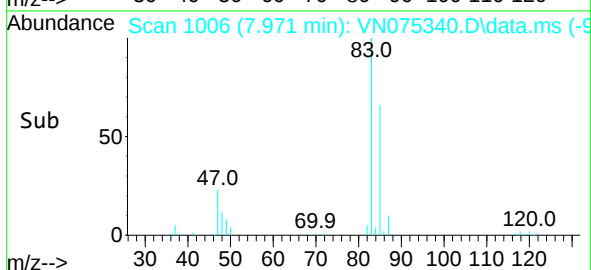
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

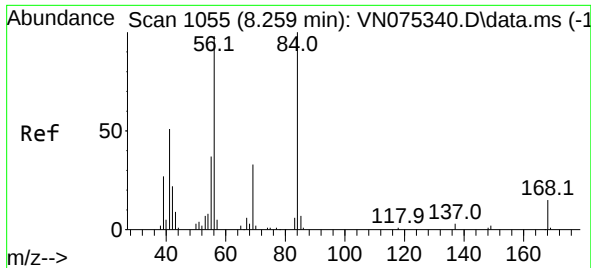


#30
Chloroform
Concen: 42.252 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41



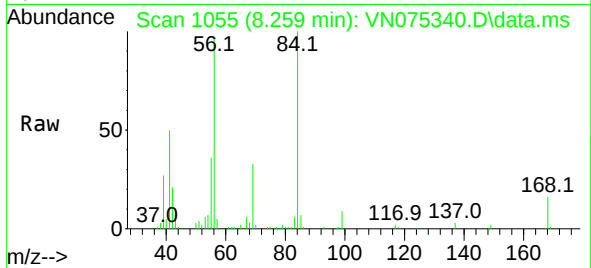
Tgt Ion: 83 Resp: 154229
Ion Ratio Lower Upper
83 100
85 66.0 51.4 77.0





#31
Cyclohexane
Concen: 40.626 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

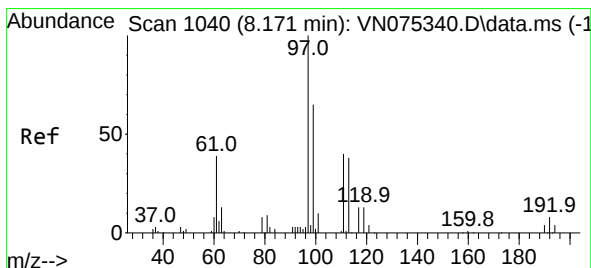
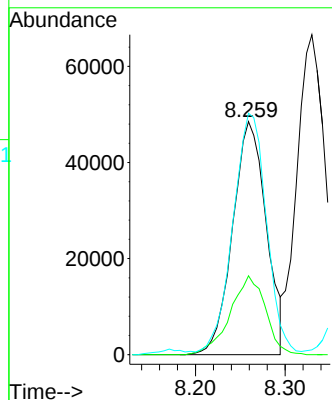
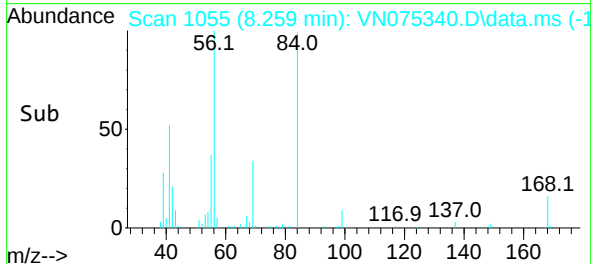
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



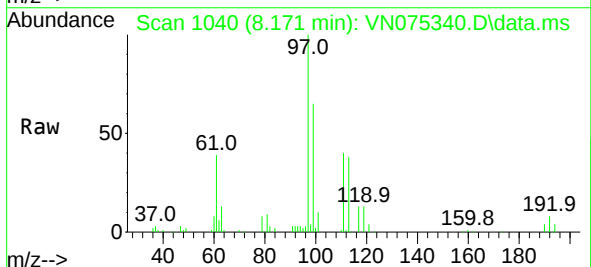
Tgt Ion: 56 Resp: 126400
Ion Ratio Lower Upper
56 100
69 33.8 25.2 37.8
84 101.7 77.8 116.8

Manual Integrations
APPROVED

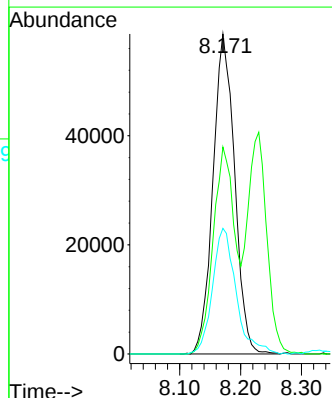
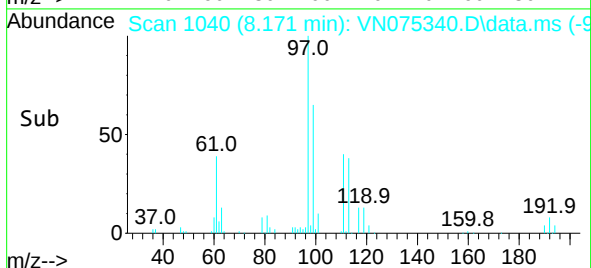
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#32
1,1,1-Trichloroethane
Concen: 43.586 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41



Tgt Ion: 97 Resp: 144854
Ion Ratio Lower Upper
97 100
99 64.9 50.2 75.2
61 42.8 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 21.616 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075340.D

Acq: 21 Nov 2022 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 4221

Ion Ratio Lower Upper

65 100

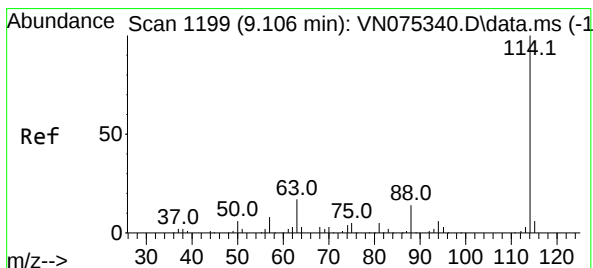
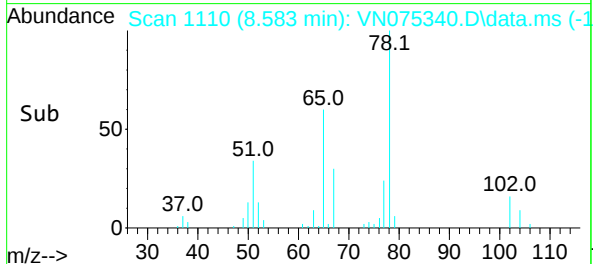
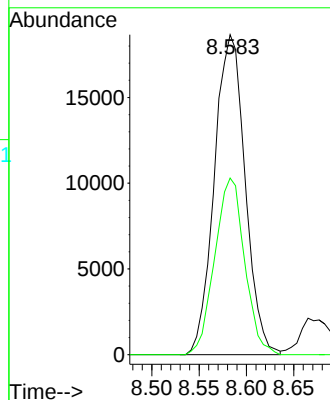
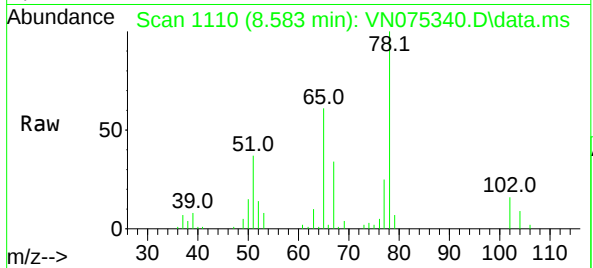
67 53.5 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075340.D

Acq: 21 Nov 2022 12:41

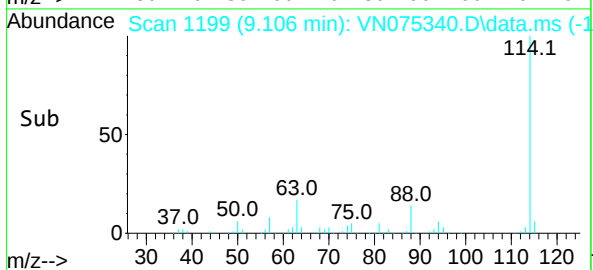
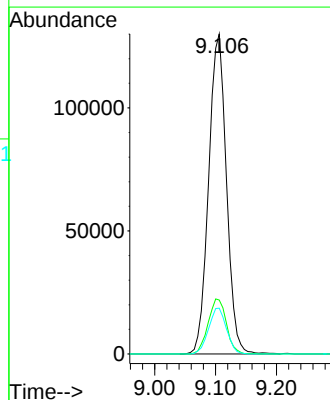
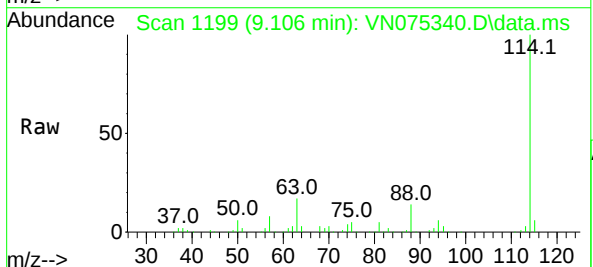
Tgt Ion:114 Resp: 263774

Ion Ratio Lower Upper

114 100

63 16.8 0.0 39.6

88 14.3 0.0 29.0





#35

Dibromofluoromethane

Concen: 36.415 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075340.D

Acq: 21 Nov 2022 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

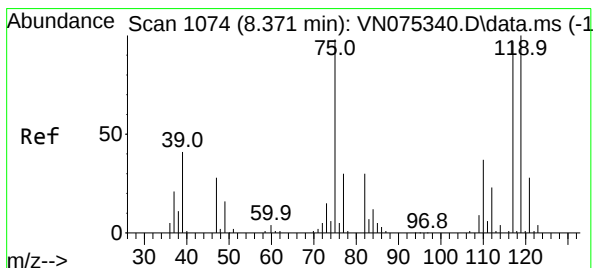
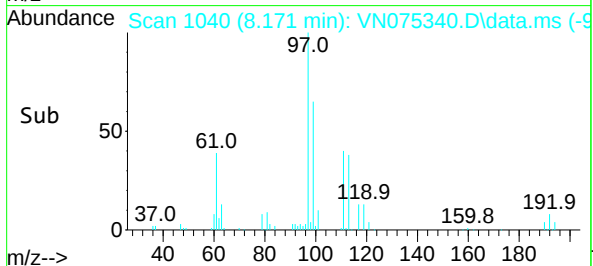
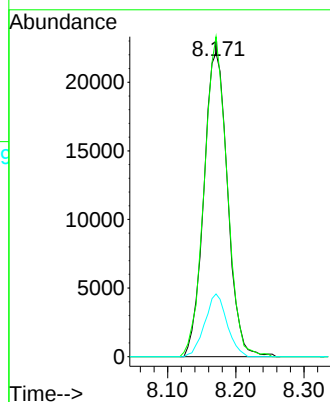
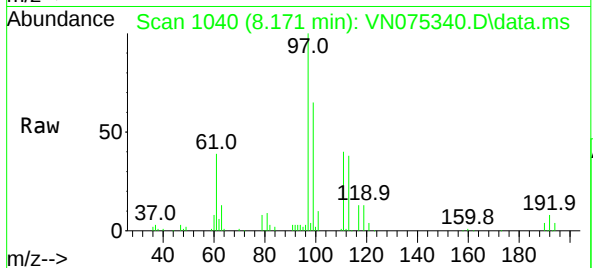
Tgt Ion:	113	Resp:	53829
Ion Ratio	Lower	Upper	
113	100		
111	101.3	80.5	120.7
192	19.3	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#36

1,1-Dichloropropene

Concen: 47.761 ug/l

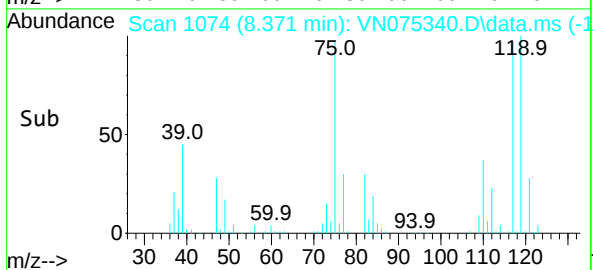
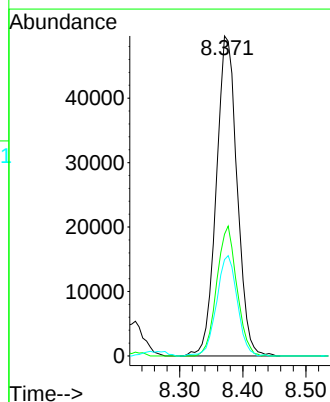
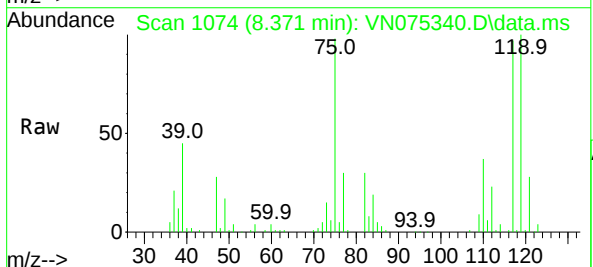
RT: 8.371 min Scan# 1074

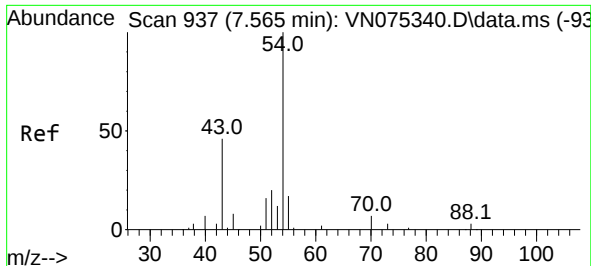
Delta R.T. 0.000 min

Lab File: VN075340.D

Acq: 21 Nov 2022 12:41

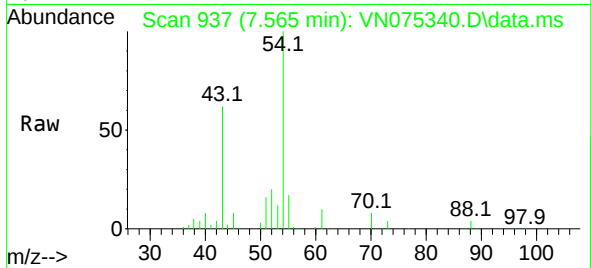
Tgt Ion:	75	Resp:	113734
Ion Ratio	Lower	Upper	
75	100		
110	39.3	17.8	53.3
77	31.2	24.6	37.0





#37
Ethyl Acetate
Concen: 41.203 ug/l
RT: 7.565 min Scan# 937
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

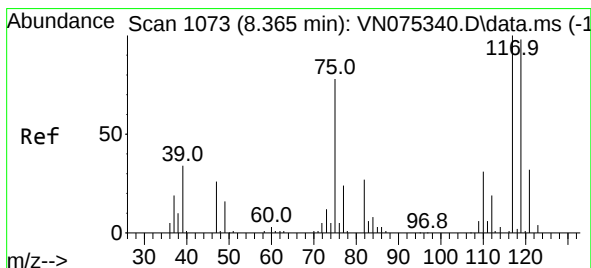
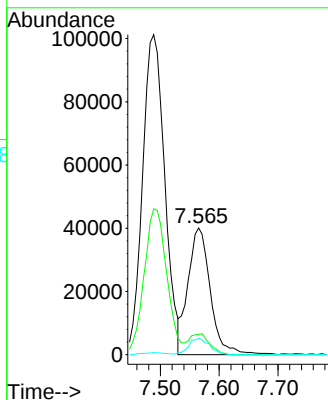
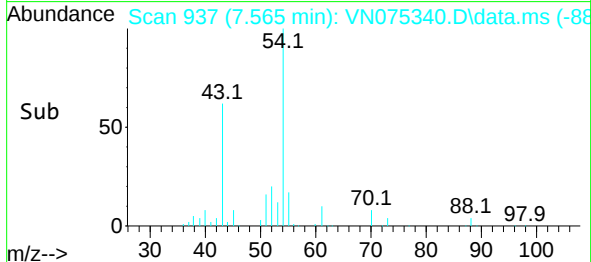
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



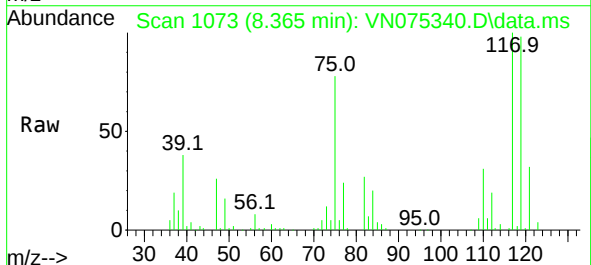
Tgt Ion: 43 Resp: 106118
Ion Ratio Lower Upper
43 100
61 14.9 12.2 18.4
70 11.9 9.4 14.2

Manual Integrations
APPROVED

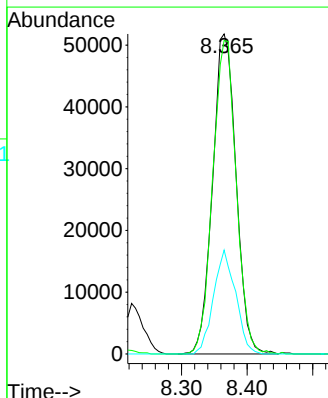
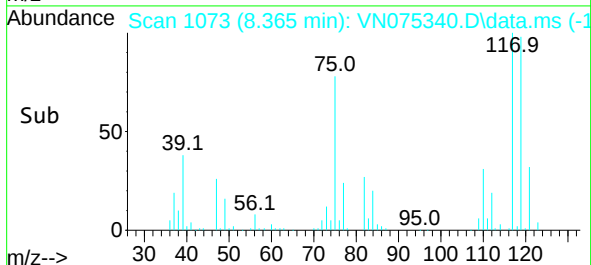
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

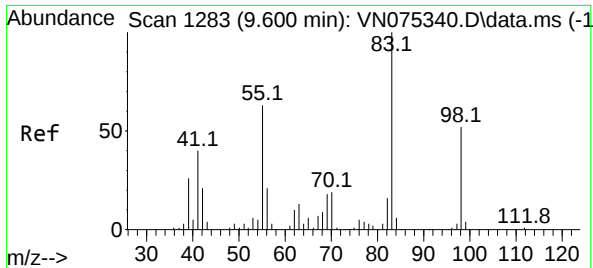


#38
Carbon Tetrachloride
Concen: 49.028 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41



Tgt Ion:117 Resp: 128625
Ion Ratio Lower Upper
117 100
119 97.9 76.7 115.1
121 32.4 23.9 35.9





#39

Methylcyclohexane

Concen: 46.511 ug/l

RT: 9.600 min Scan# 11283

Delta R.T. 0.000 min

Lab File: VN075340.D

Acq: 21 Nov 2022 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 145304

Ion Ratio Lower Upper

83 100

55 63.2 53.6 80.4

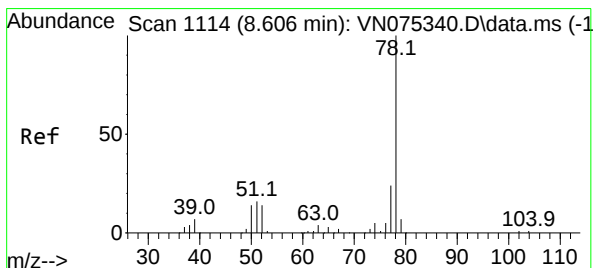
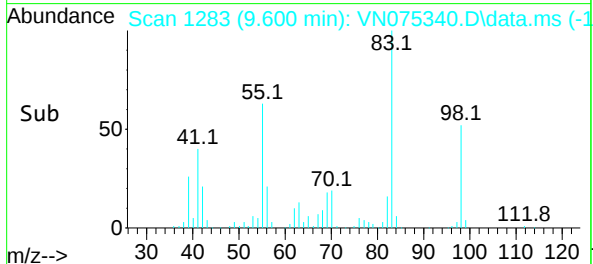
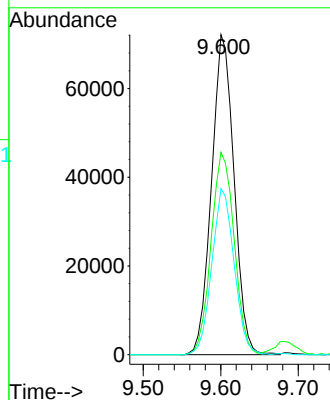
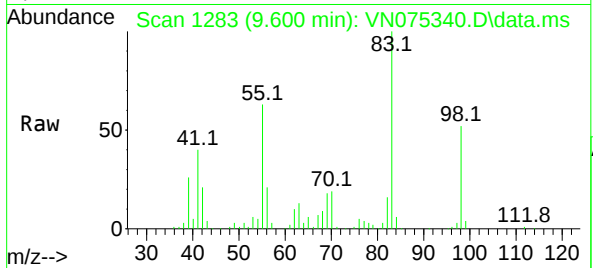
98 51.9 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#40

Benzene

Concen: 47.295 ug/l

RT: 8.606 min Scan# 1114

Delta R.T. 0.000 min

Lab File: VN075340.D

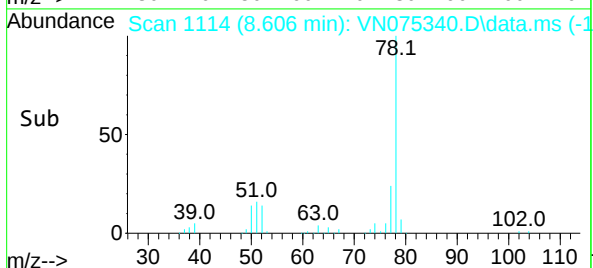
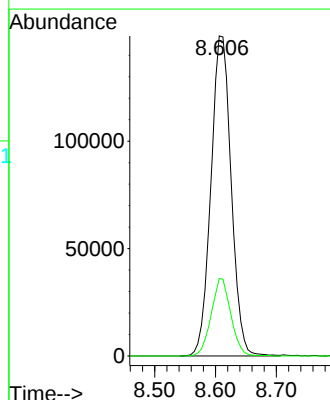
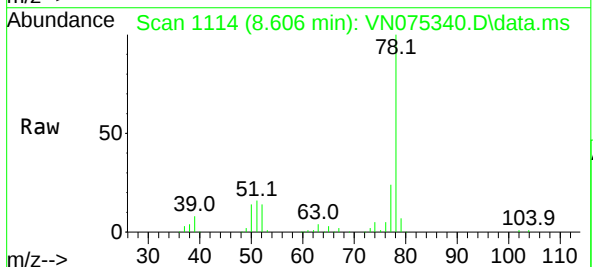
Acq: 21 Nov 2022 12:41

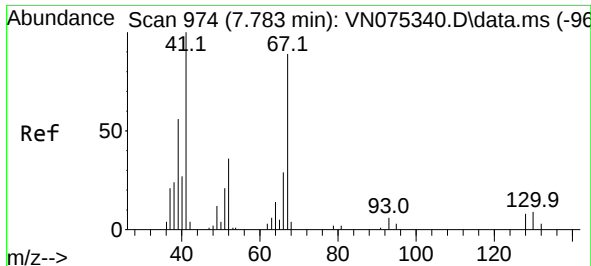
Tgt Ion: 78 Resp: 344728

Ion Ratio Lower Upper

78 100

77 24.2 19.4 29.0





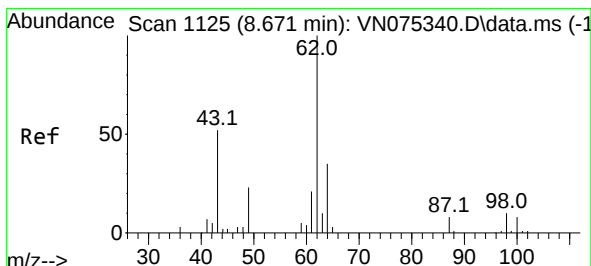
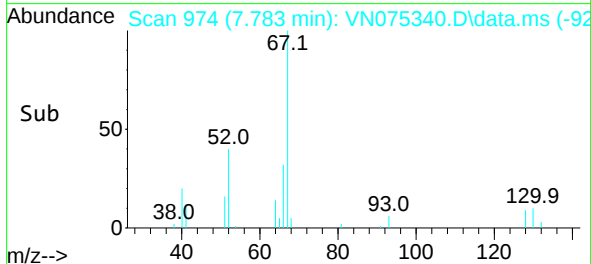
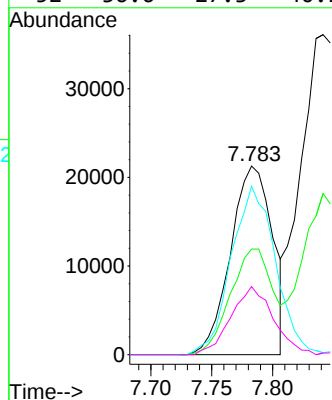
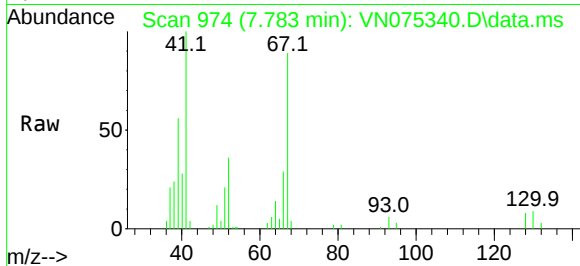
#41
Methacrylonitrile
Concen: 41.752 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 5104
Ion Ratio Lower Upper
41 100
39 56.2 44.4 66.6
67 95.0 69.8 104.6
52 36.6 27.3 40.9

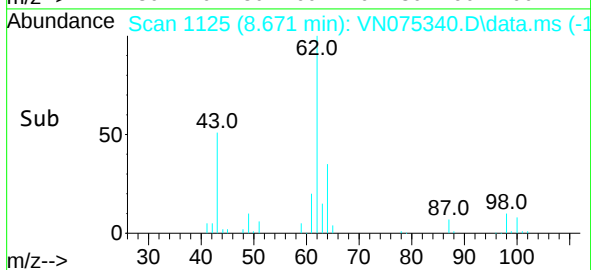
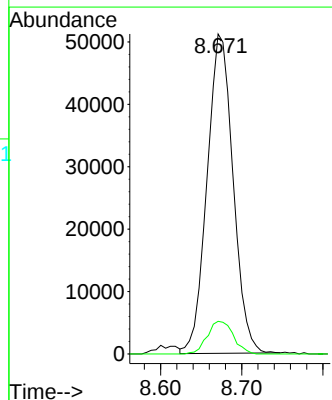
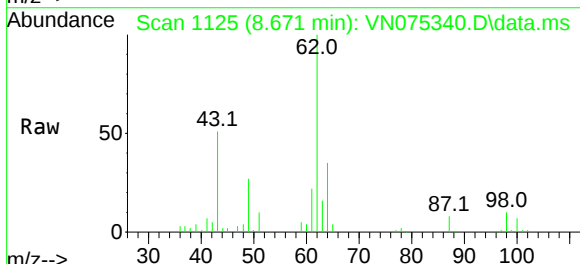
Manual Integrations
APPROVED

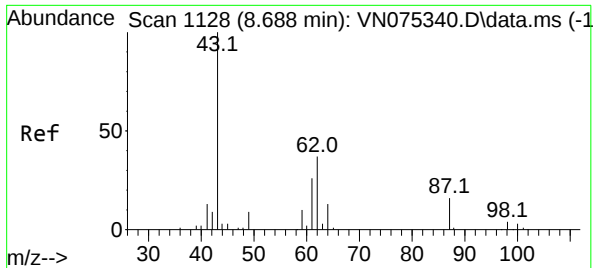
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#42
1,2-Dichloroethane
Concen: 43.566 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

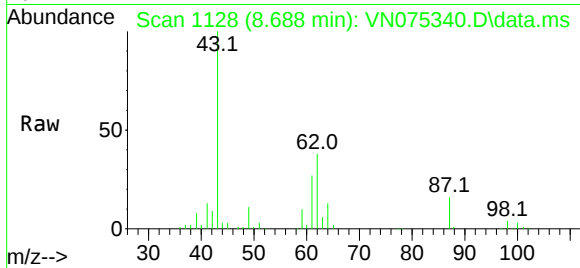
Tgt Ion: 62 Resp: 113955
Ion Ratio Lower Upper
62 100
98 10.2 0.0 18.2





#43
Isopropyl Acetate
Concen: 42.208 ug/l
RT: 8.688 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

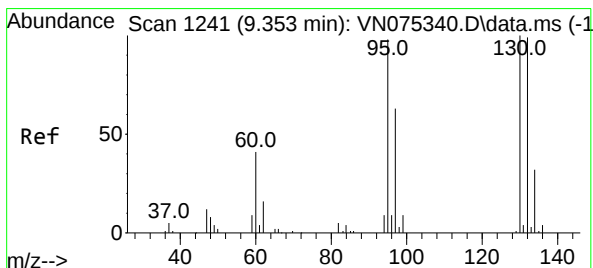
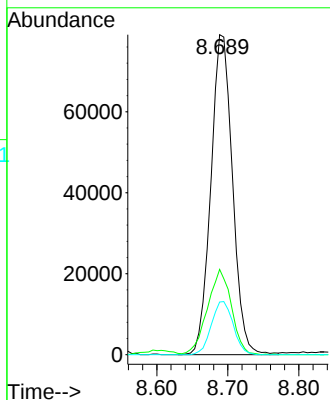
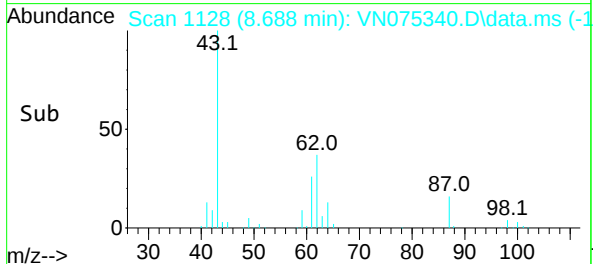
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 167368
Ion Ratio Lower Upper
43 100
61 29.5 22.4 33.6
87 16.7 12.5 18.7

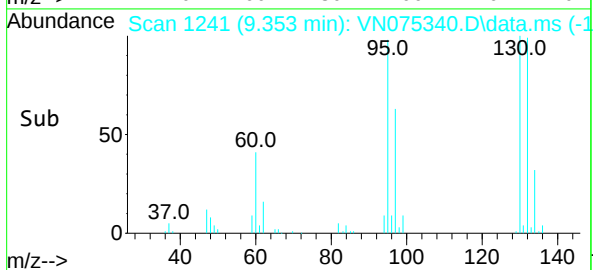
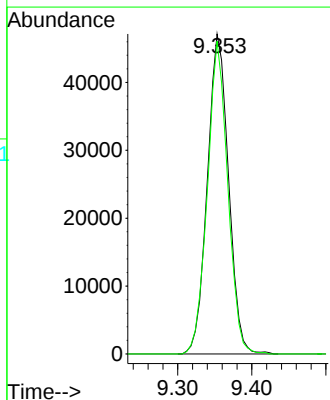
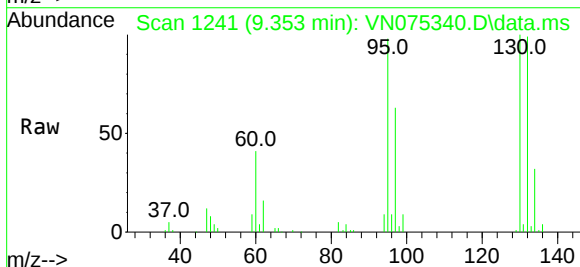
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#44
Trichloroethene
Concen: 50.345 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

Tgt Ion:130 Resp: 93629
Ion Ratio Lower Upper
130 100
95 97.8 0.0 198.4





#45

1,2-Dichloropropane

Concen: 47.636 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075340.D

Acq: 21 Nov 2022 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 8234

Ion Ratio Lower Upper

63 100

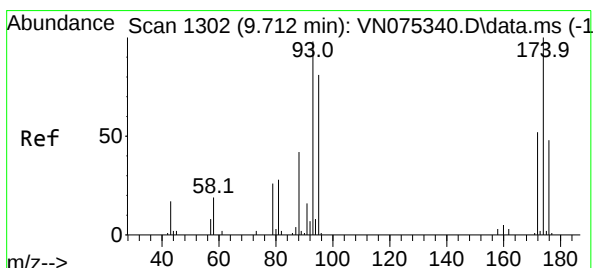
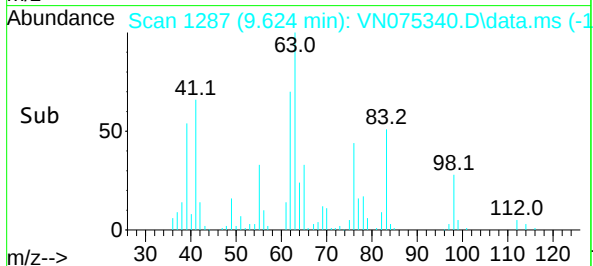
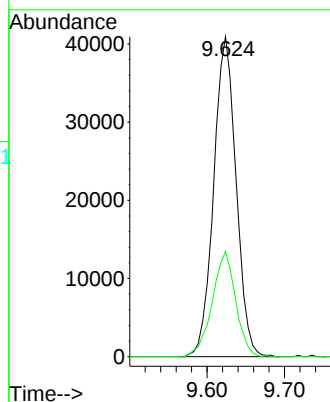
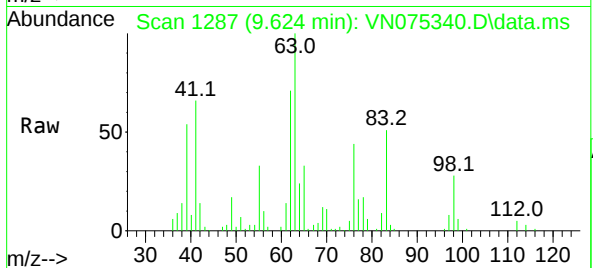
65 32.8 26.1 39.1

Manual Integrations

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Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#46

Dibromomethane

Concen: 46.126 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075340.D

Acq: 21 Nov 2022 12:41

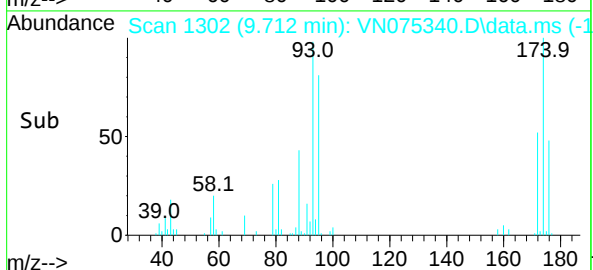
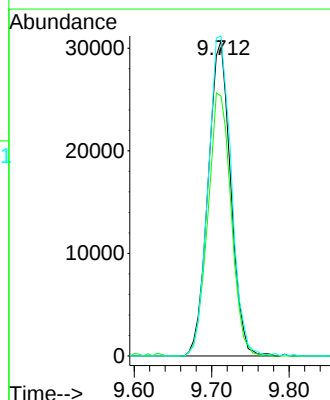
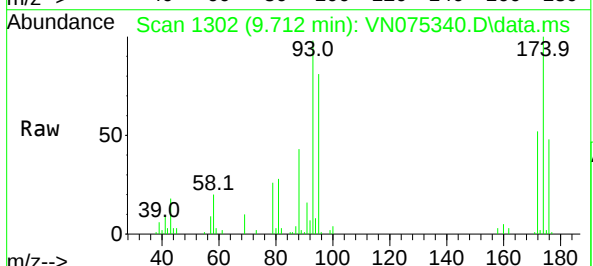
Tgt Ion: 93 Resp: 62249

Ion Ratio Lower Upper

93 100

95 85.4 66.6 99.8

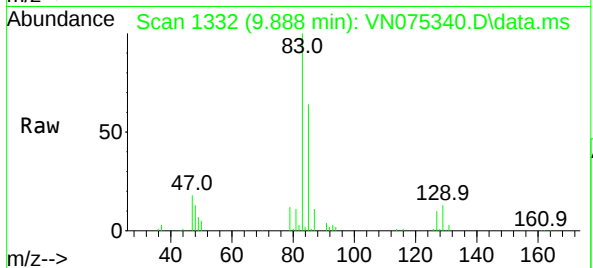
174 104.2 70.3 105.5





#47
Bromodichloromethane
Concen: 46.800 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

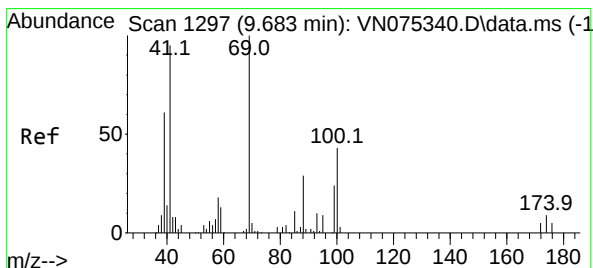
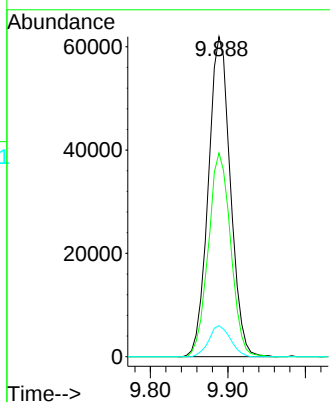
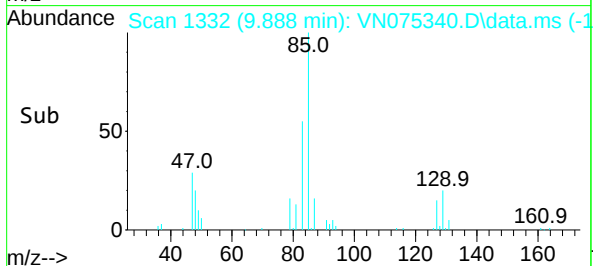
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



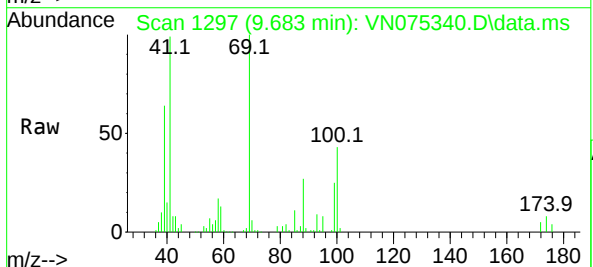
Tgt Ion: 83 Resp: 122290
Ion Ratio Lower Upper
83 100
85 63.7 52.1 78.1
127 9.7 6.6 10.0

Manual Integrations
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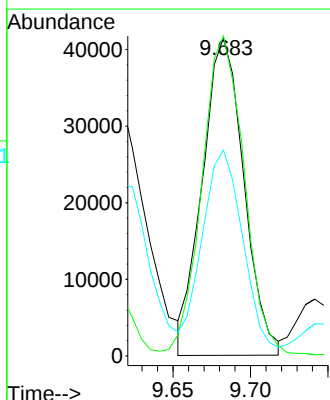
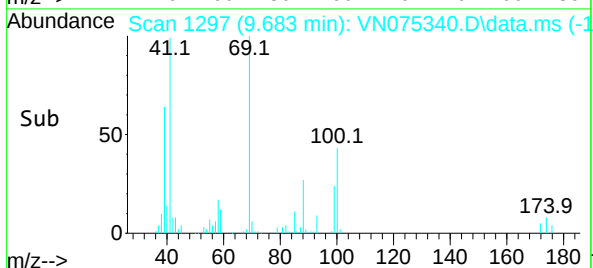
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

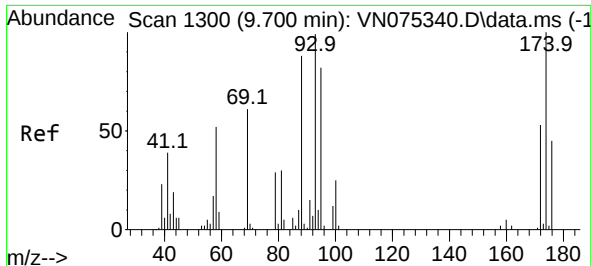


#48
Methyl methacrylate
Concen: 42.078 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41



Tgt Ion: 41 Resp: 77043
Ion Ratio Lower Upper
41 100
69 103.4 80.2 120.2
39 64.6 56.2 84.2





#49

1,4-Dioxane

Concen: 920.108 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075340.D

Acq: 21 Nov 2022 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 4494

Ion Ratio Lower Upper

88 100

43 0.0 17.5 26.3

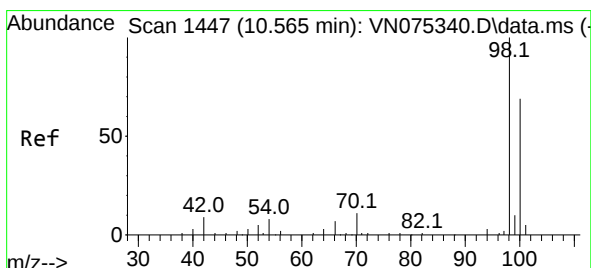
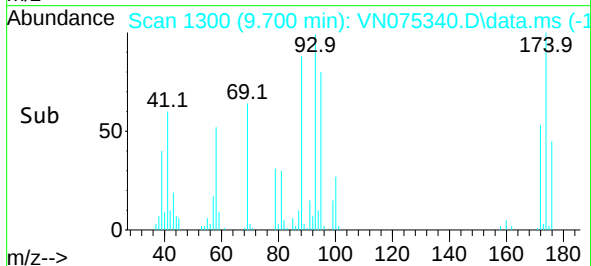
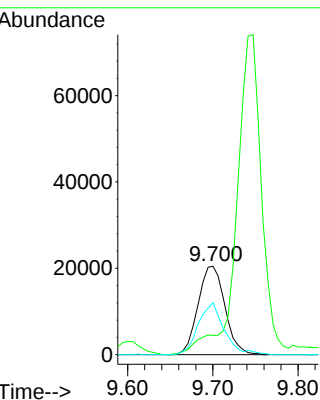
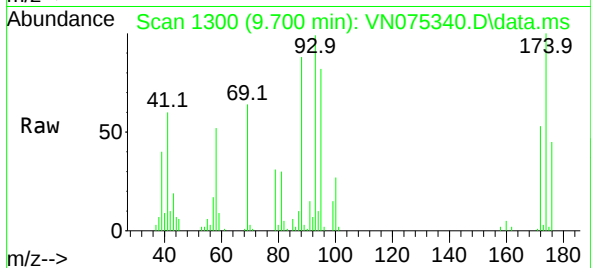
58 56.8 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#50

Toluene-d8

Concen: 22.554 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VN075340.D

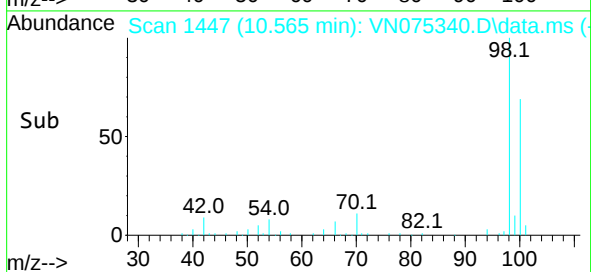
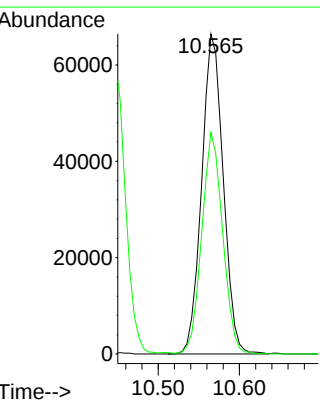
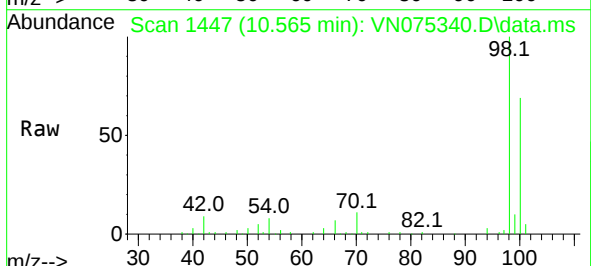
Acq: 21 Nov 2022 12:41

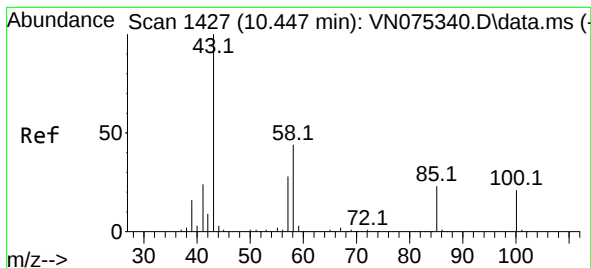
Tgt Ion: 98 Resp: 122505

Ion Ratio Lower Upper

98 100

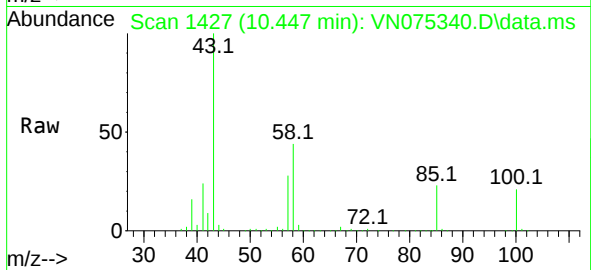
100 67.2 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 206.022 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

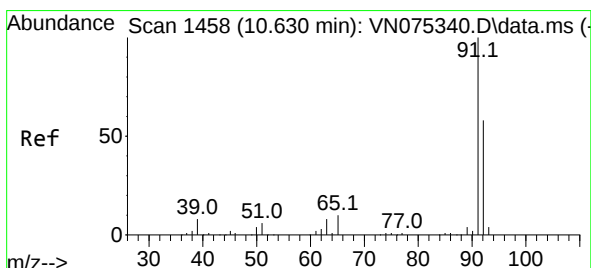
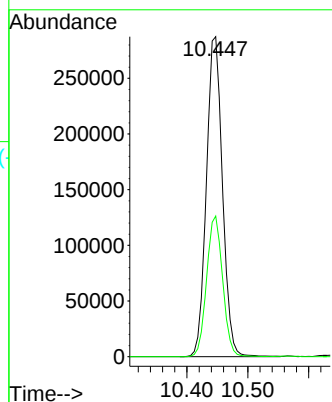
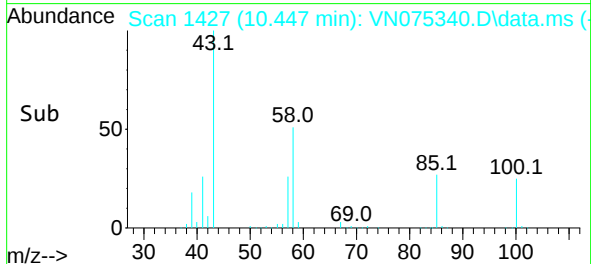
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 52663
Ion Ratio Lower Upper
43 100
58 43.8 33.6 50.4

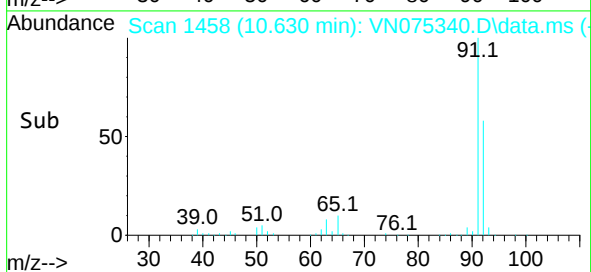
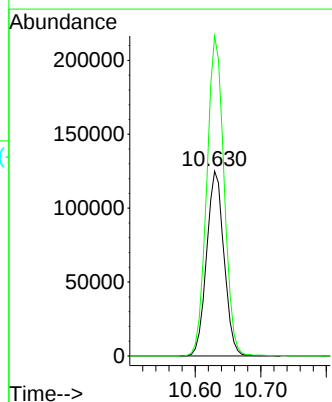
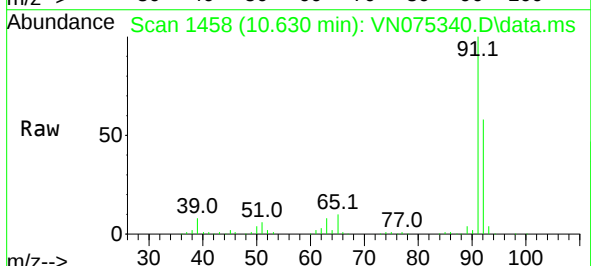
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#52
Toluene
Concen: 47.667 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

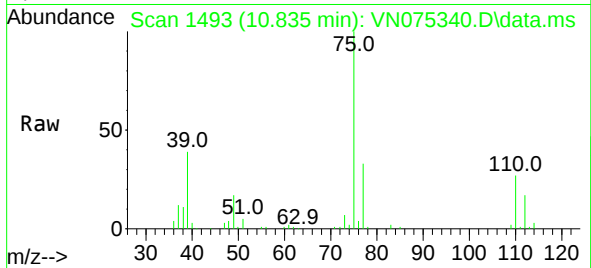
Tgt Ion: 92 Resp: 230285
Ion Ratio Lower Upper
92 100
91 172.3 135.4 203.2





#53
t-1,3-Dichloropropene
Concen: 48.201 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

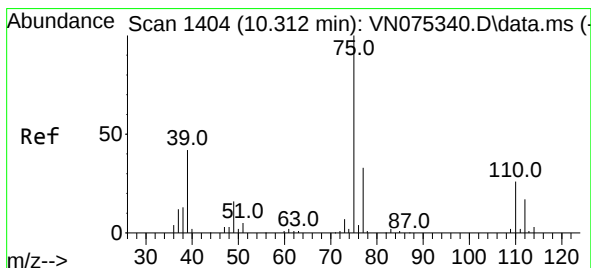
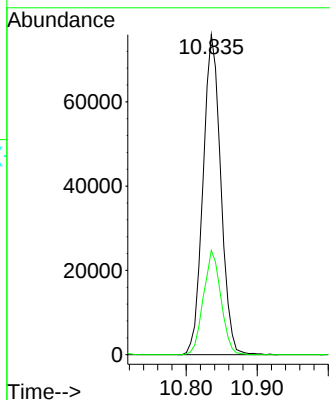
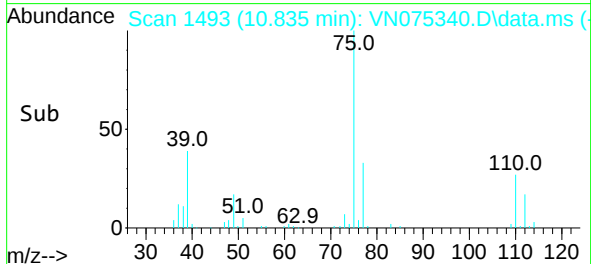
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 132030
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.2

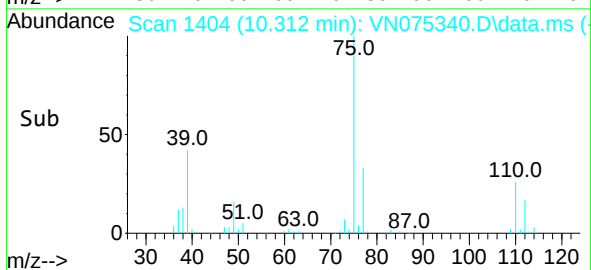
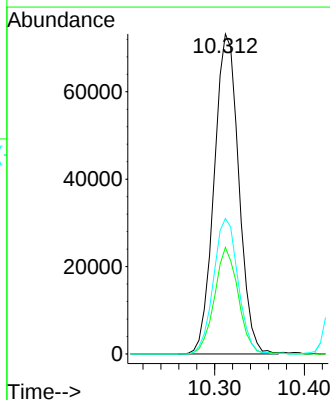
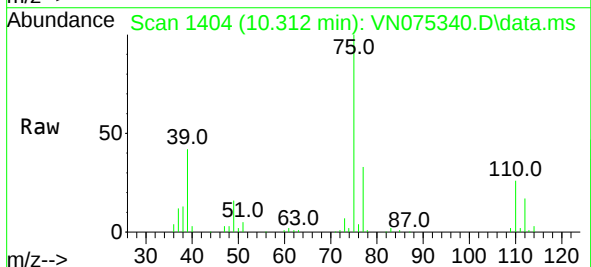
Manual Integrations
APPROVED

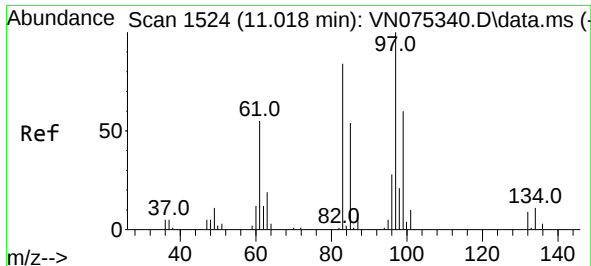
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#54
cis-1,3-Dichloropropene
Concen: 47.849 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

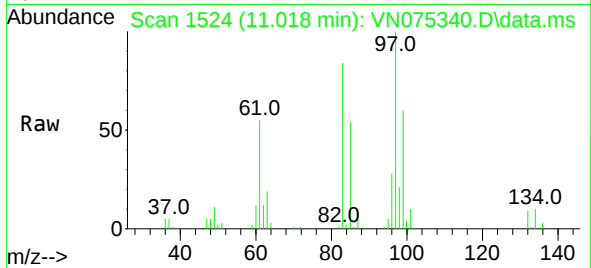
Tgt Ion: 75 Resp: 139528
Ion Ratio Lower Upper
75 100
77 33.3 23.7 35.5
39 42.3 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 46.377 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

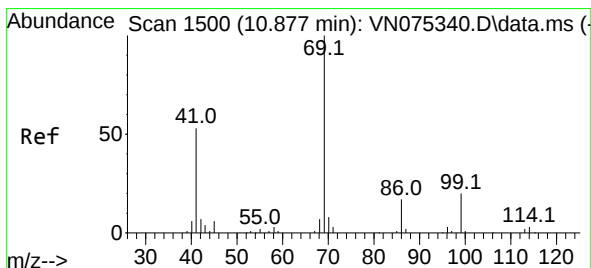
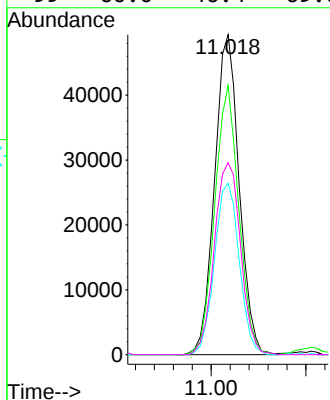
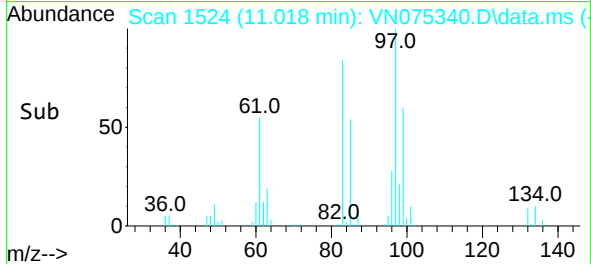


Tgt Ion: 97 Resp: 88900

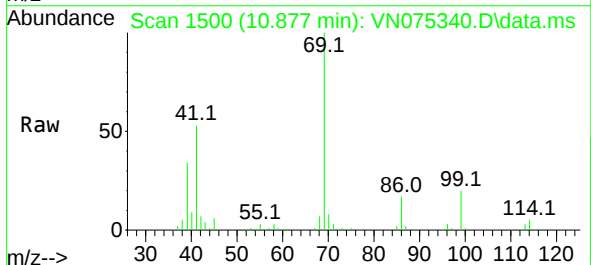
Ion	Ratio	Lower	Upper
97	100		
83	84.0	65.9	98.9
85	53.6	40.4	60.6
99	60.0	46.4	69.6

Manual Integrations
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Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

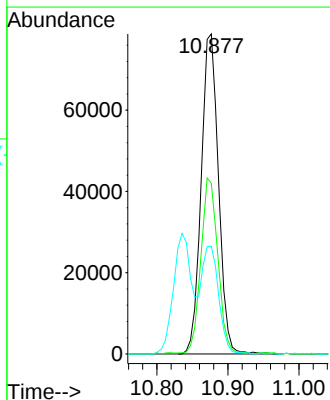
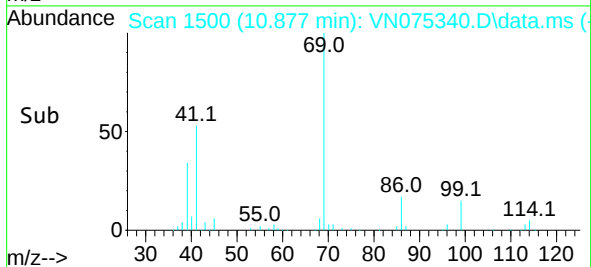


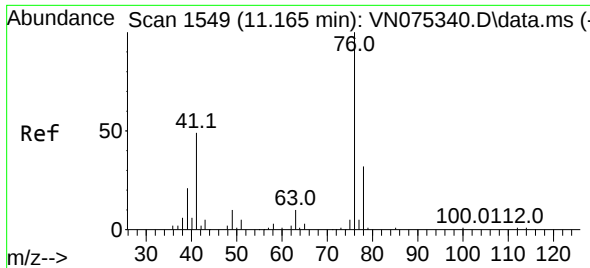
#56
Ethyl methacrylate
Concen: 45.950 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41



Tgt Ion: 69 Resp: 133440

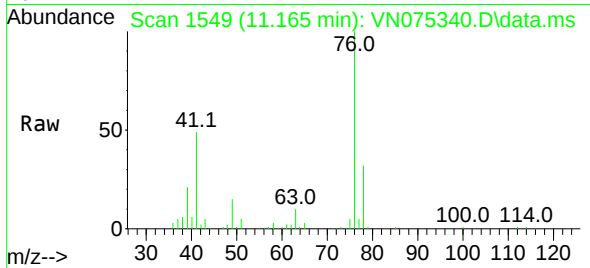
Ion	Ratio	Lower	Upper
69	100		
41	54.4	45.6	68.4
39	35.0	28.5	42.7





#57
1,3-Dichloropropane
Concen: 46.173 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

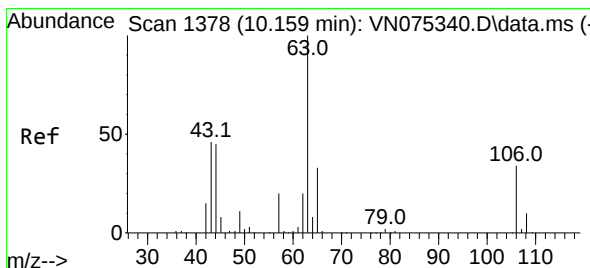
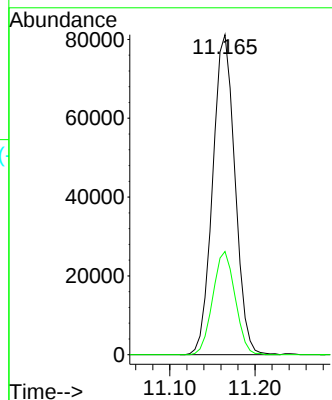
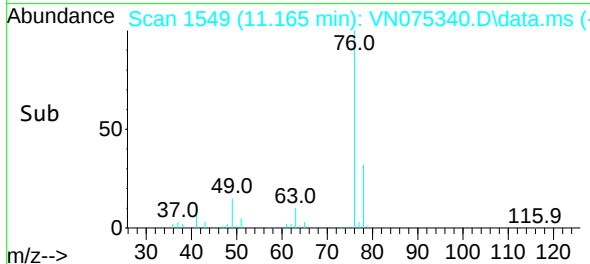
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 147528
Ion Ratio Lower Upper
76 100
78 32.3 25.8 38.6

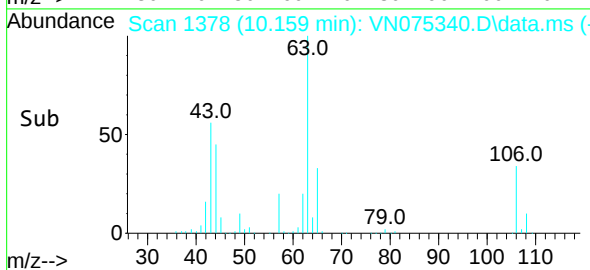
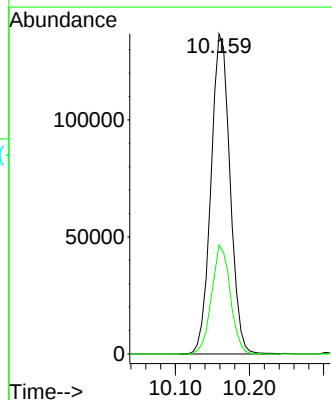
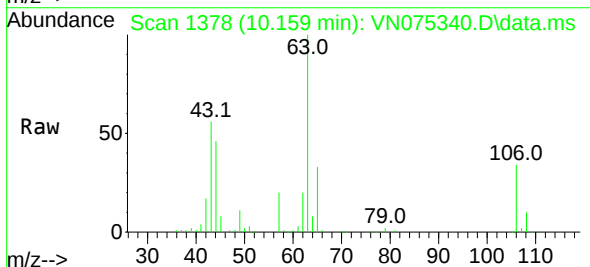
Manual Integrations
APPROVED

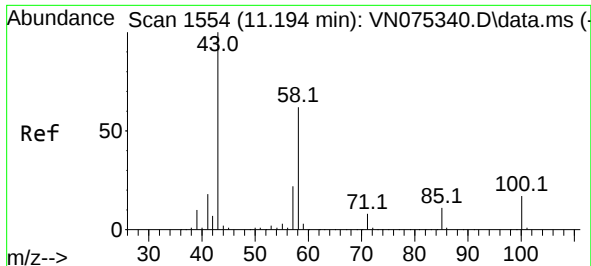
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#58
2-Chloroethyl Vinyl ether
Concen: 220.145 ug/l
RT: 10.159 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

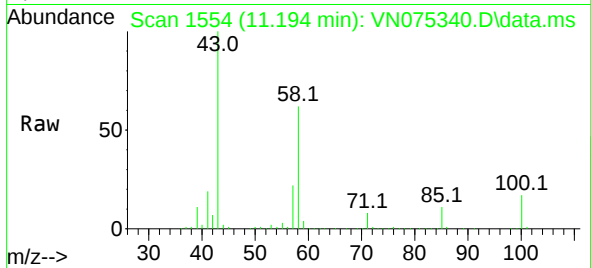
Tgt Ion: 63 Resp: 244274
Ion Ratio Lower Upper
63 100
106 33.4 24.8 37.2





#59
2-Hexanone
Concen: 208.031 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

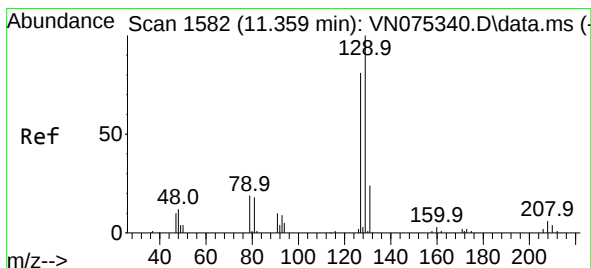
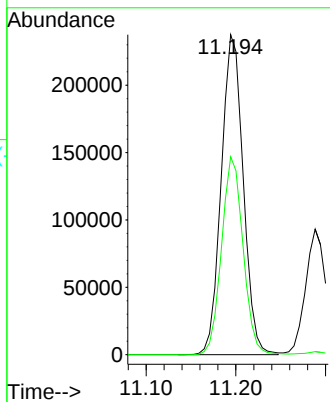
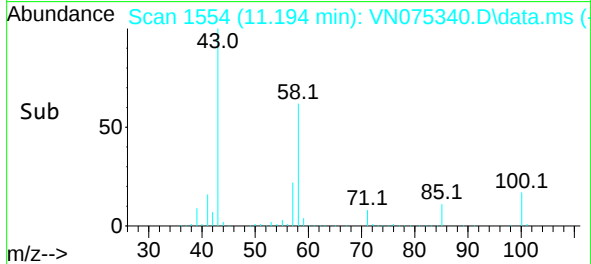
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



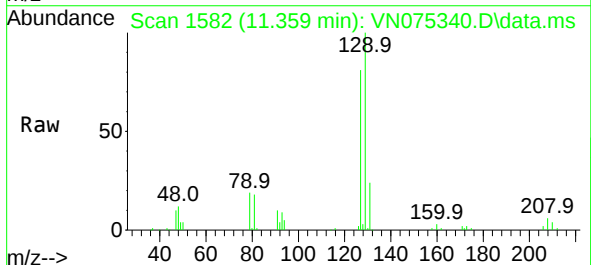
Tgt Ion: 43 Resp: 403908
Ion Ratio Lower Upper
43 100
58 60.5 29.6 88.8

Manual Integrations
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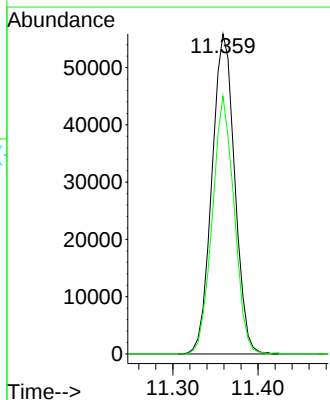
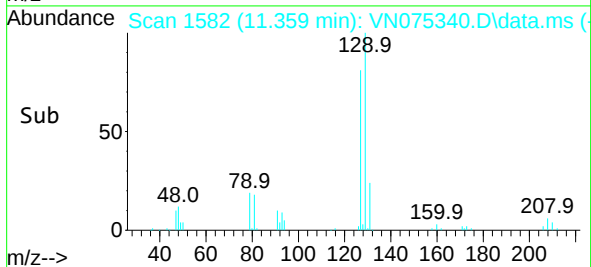
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#60
Dibromochloromethane
Concen: 50.783 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41



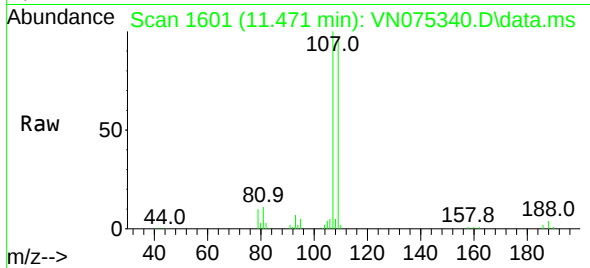
Tgt Ion:129 Resp: 103826
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8





#61
1,2-Dibromoethane
Concen: 48.769 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

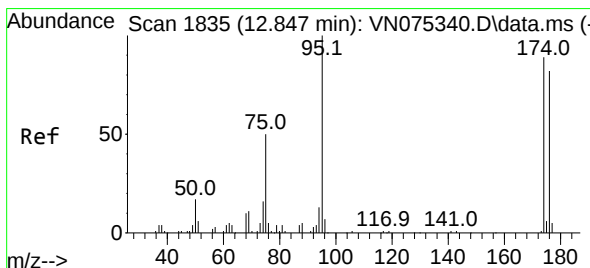
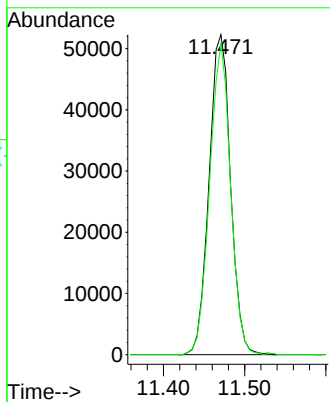
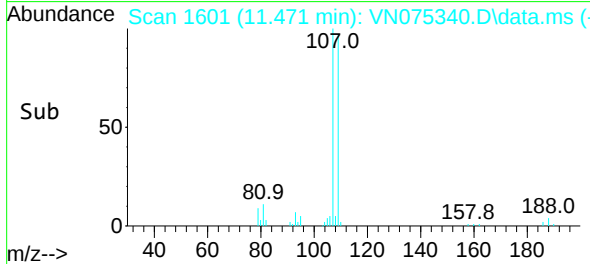
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:107 Resp: 96215
Ion Ratio Lower Upper
107 100
109 94.3 75.6 113.4

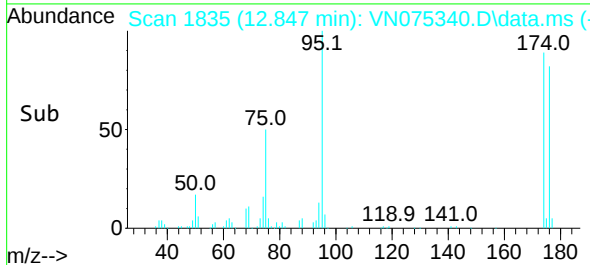
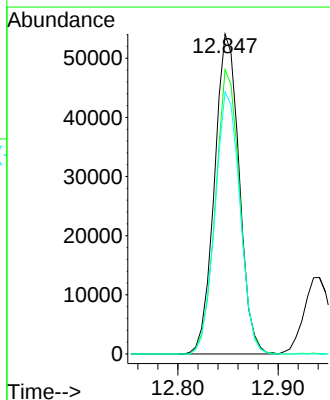
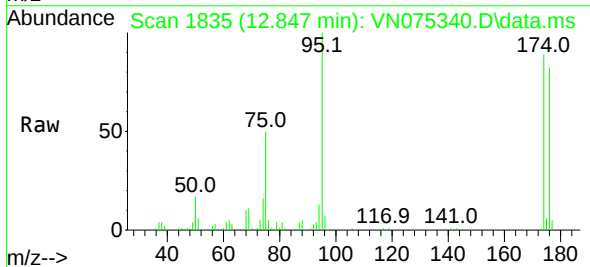
Manual Integrations
APPROVED

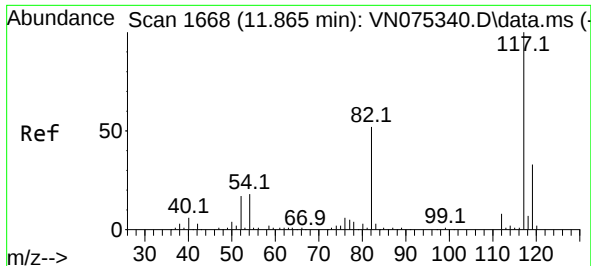
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#62
4-Bromofluorobenzene
Concen: 45.001 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

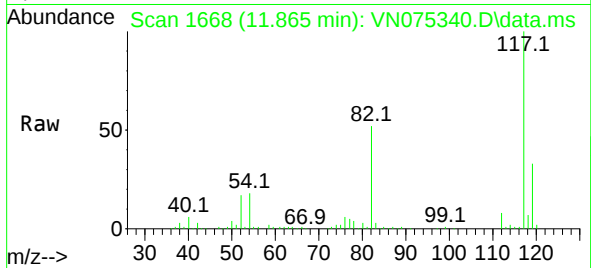
Tgt Ion: 95 Resp: 92475
Ion Ratio Lower Upper
95 100
174 87.2 0.0 147.4
176 82.8 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

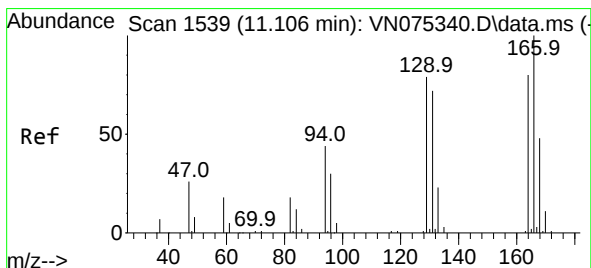
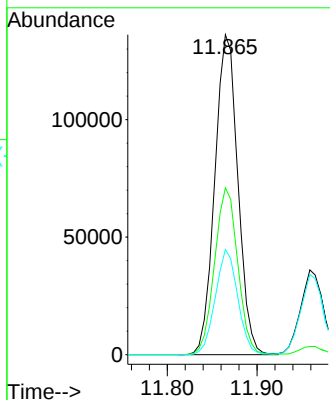
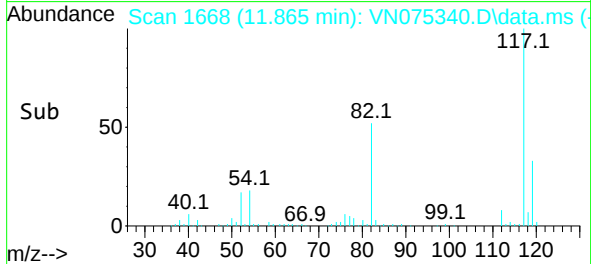
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 243229
Ion Ratio Lower Upper
117 100
82 52.1 43.1 64.7
119 32.9 25.5 38.3

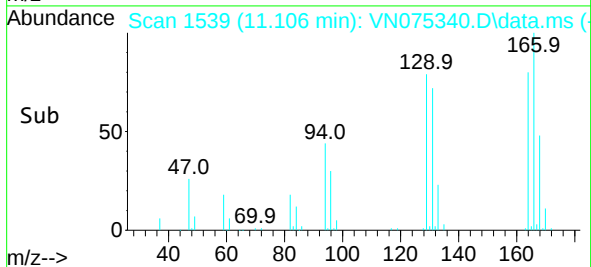
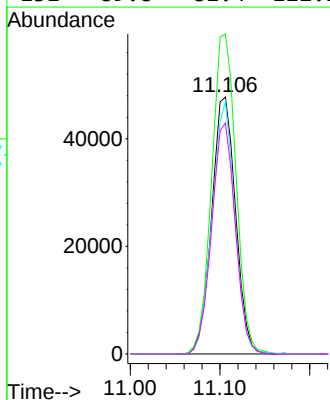
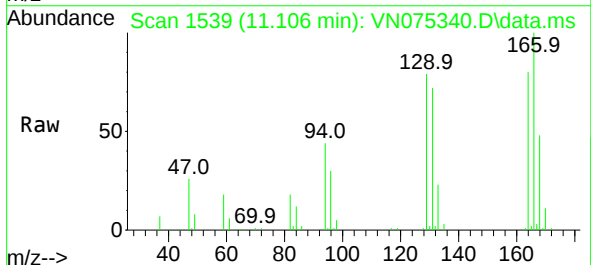
Manual Integrations
APPROVED

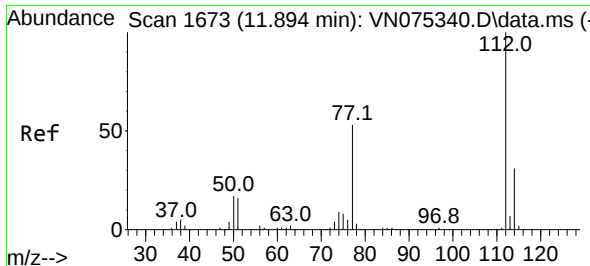
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#64
Tetrachloroethene
Concen: 56.895 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

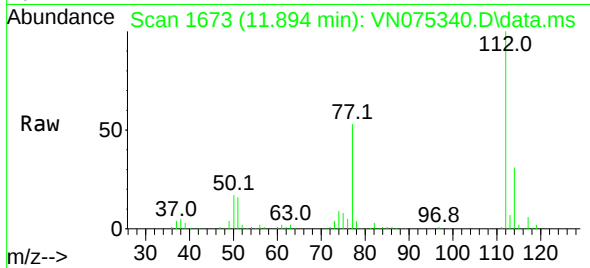
Tgt Ion:164 Resp: 88113
Ion Ratio Lower Upper
164 100
166 124.5 106.5 159.7
129 98.2 81.9 122.9
131 89.8 81.4 122.2





#65
Chlorobenzene
Concen: 48.546 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

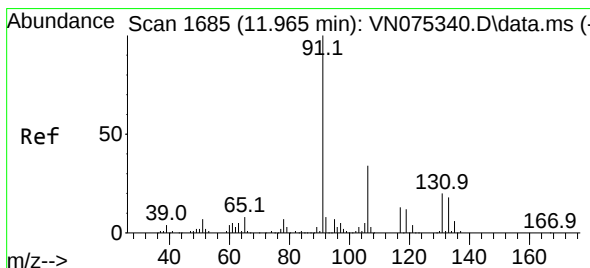
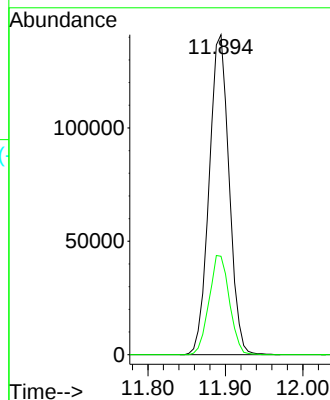
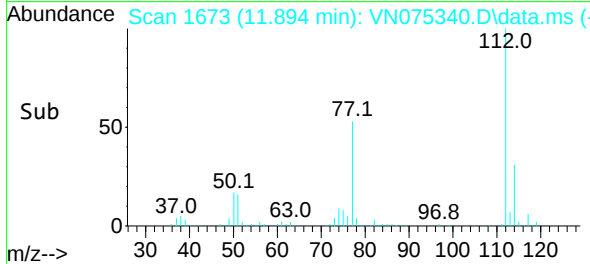
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:112 Resp: 25186
Ion Ratio Lower Upper
112 100
114 30.8 25.4 38.2

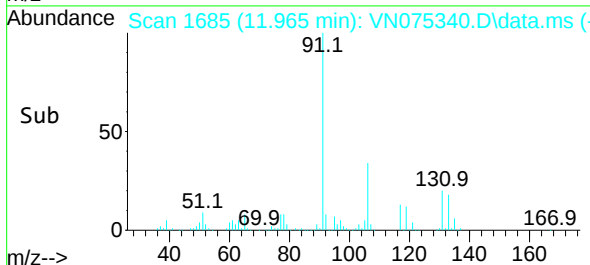
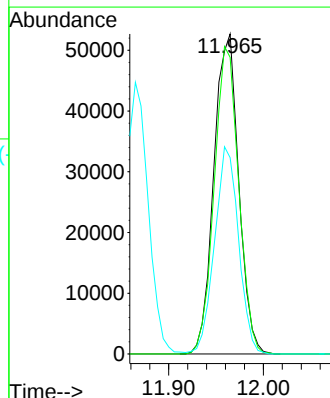
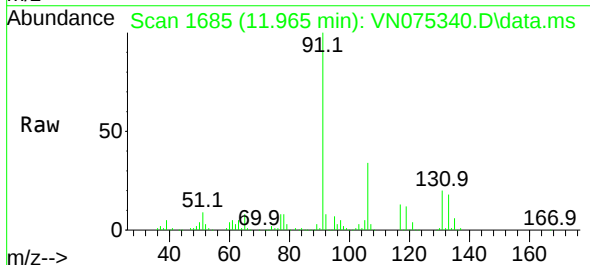
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 49.743 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

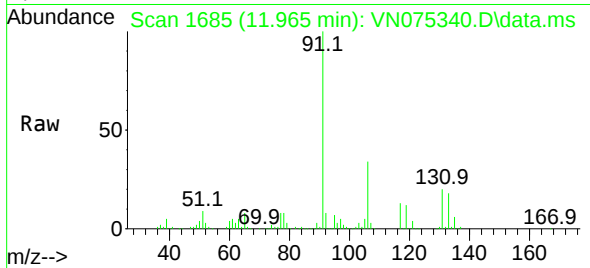
Tgt Ion:131 Resp: 95889
Ion Ratio Lower Upper
131 100
133 94.8 47.8 143.4
119 62.7 33.0 99.0





#67
Ethyl Benzene
Concen: 48.417 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

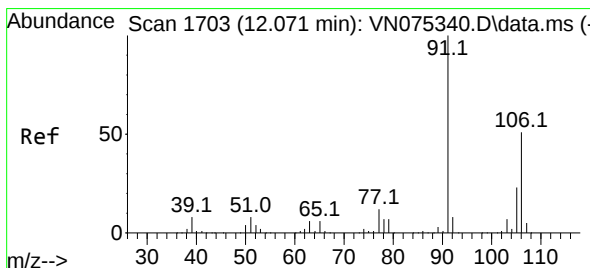
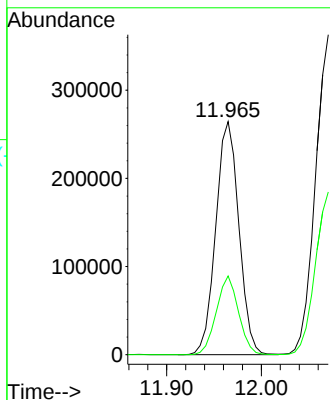
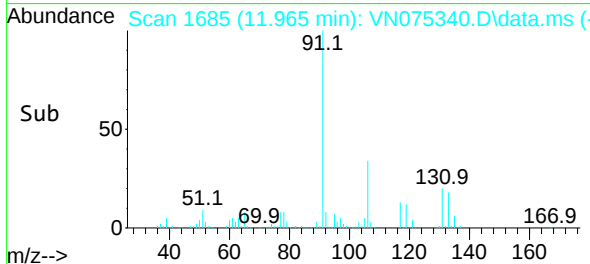
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



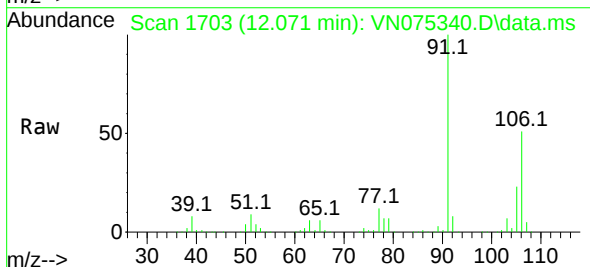
Tgt Ion: 91 Resp: 44864
Ion Ratio Lower Upper
91 100
106 33.8 24.9 37.3

Manual Integrations
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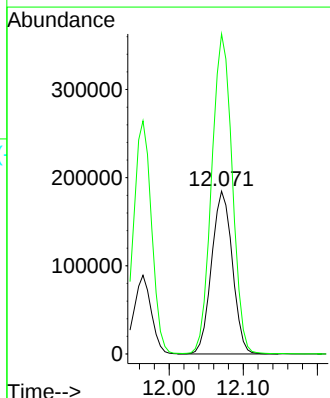
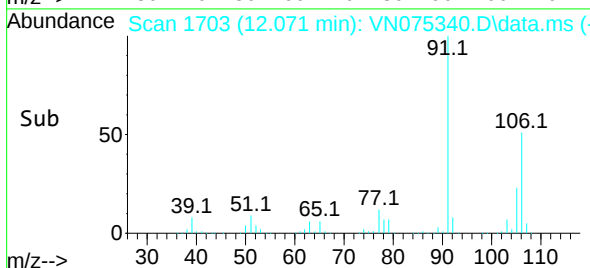
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

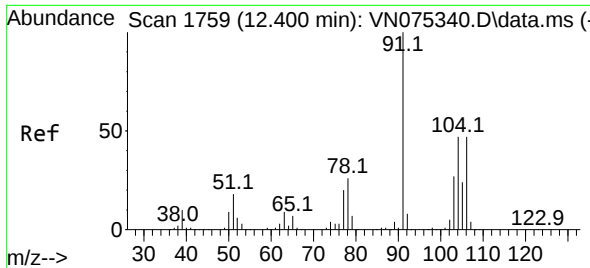


#68
m/p-Xylenes
Concen: 97.142 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41



Tgt Ion:106 Resp: 359382
Ion Ratio Lower Upper
106 100
91 195.3 156.0 234.0





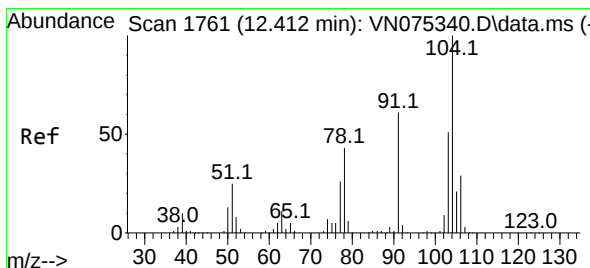
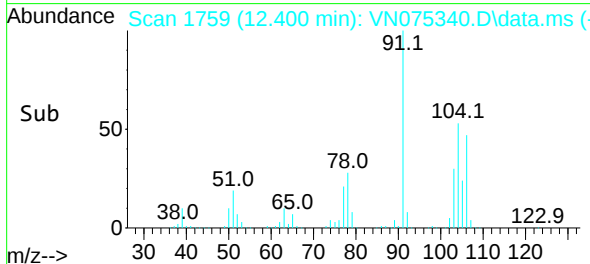
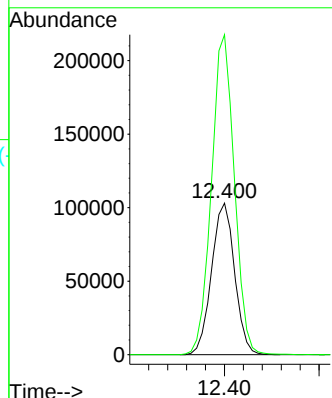
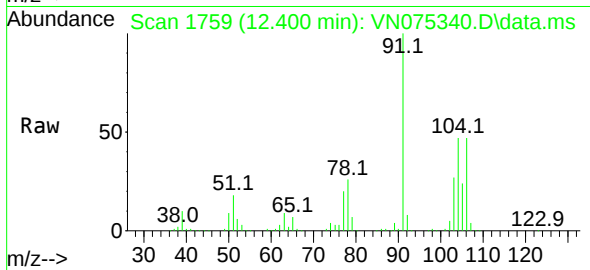
#69
o-Xylene
Concen: 47.525 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 17412
Ion Ratio Lower Upper
106 100
91 209.4 105.2 315.5

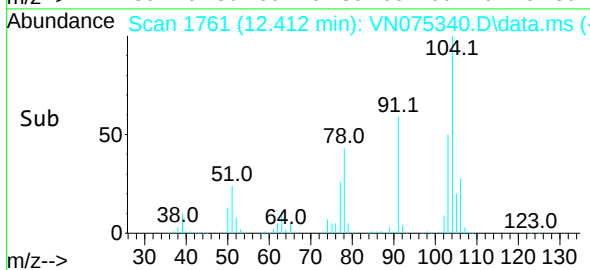
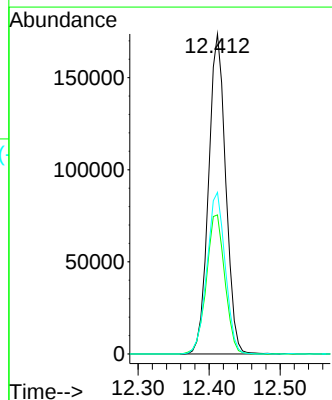
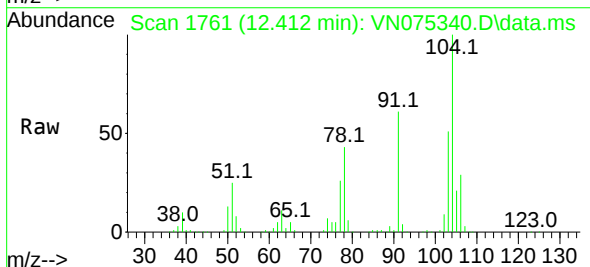
Manual Integrations
APPROVED

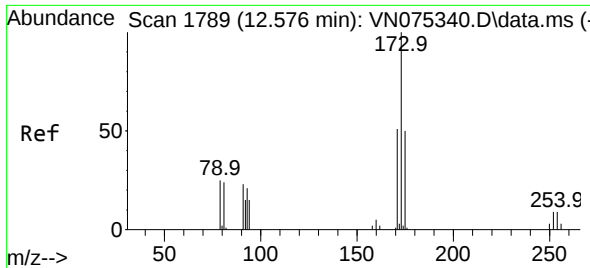
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#70
Styrene
Concen: 49.782 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

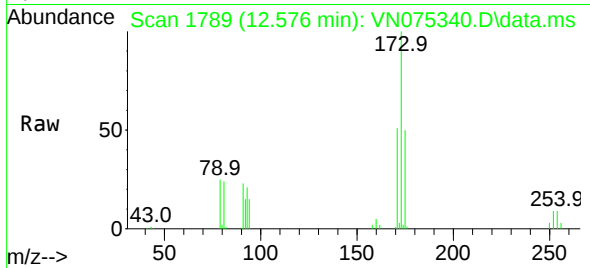
Tgt Ion:104 Resp: 291800
Ion Ratio Lower Upper
104 100
78 47.0 38.1 57.1
103 53.8 44.6 66.8





#71
Bromoform
Concen: 53.869 ug/l
RT: 12.576 min Scan# 1789
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

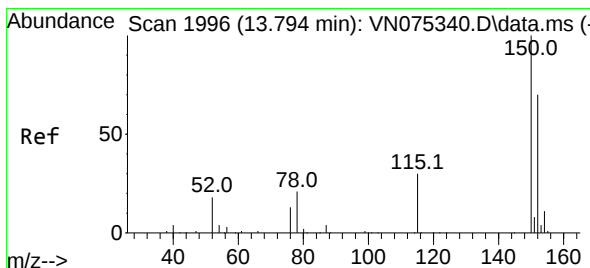
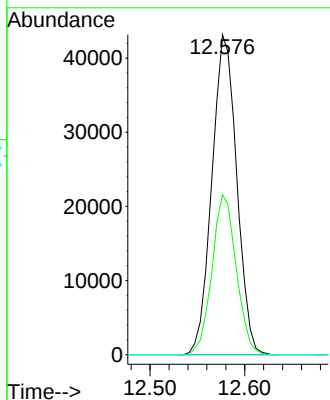
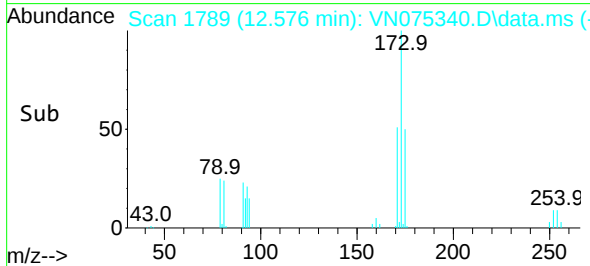
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



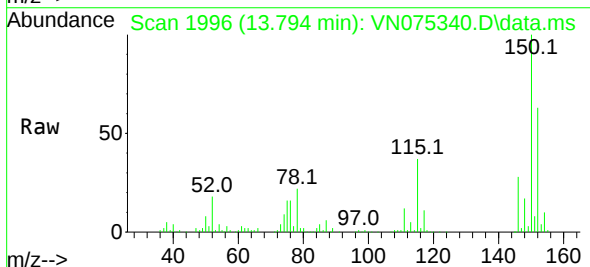
Tgt Ion:173 Resp: 78662
Ion Ratio Lower Upper
173 100
175 48.7 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
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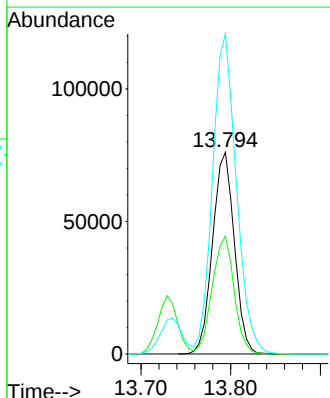
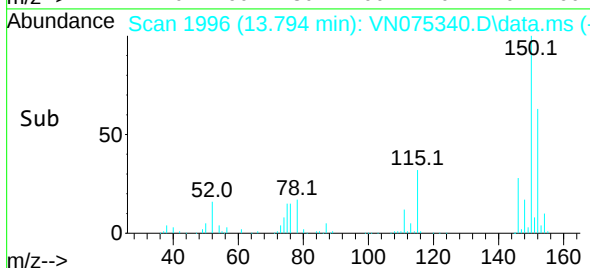
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

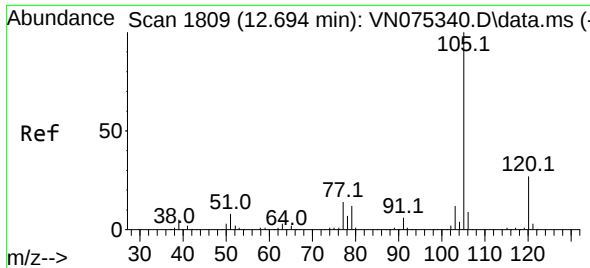


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41



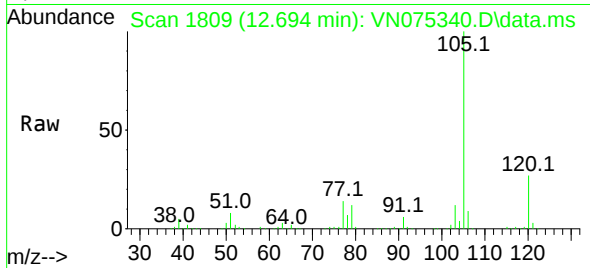
Tgt Ion:152 Resp: 128348
Ion Ratio Lower Upper
152 100
115 58.4 30.2 90.6
150 173.2 0.0 348.4





#73
Isopropylbenzene
Concen: 45.128 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

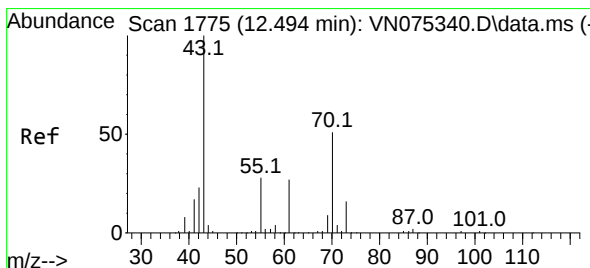
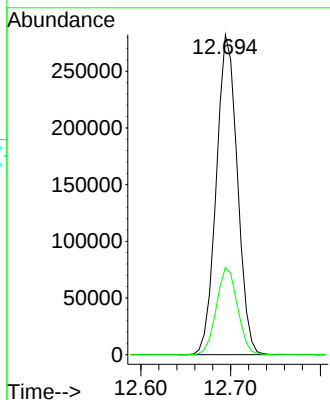
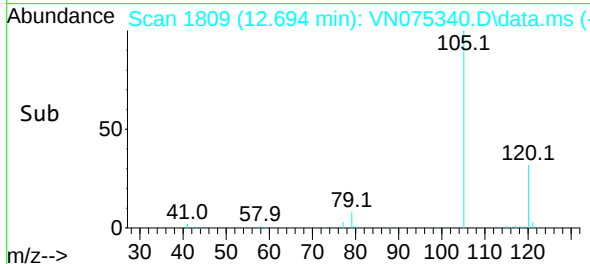
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



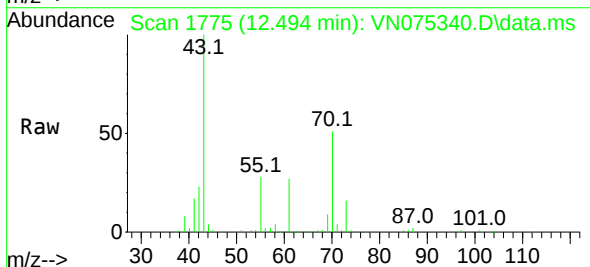
Tgt Ion:105 Resp: 45967
Ion Ratio Lower Upper
105 100
120 27.3 13.1 39.1

Manual Integrations
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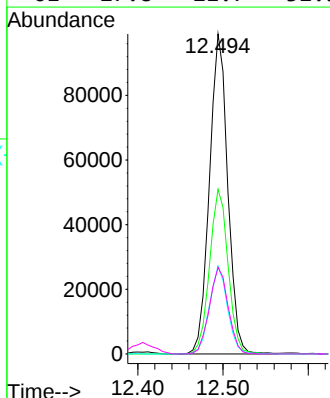
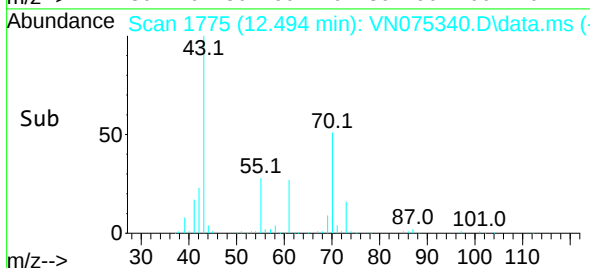
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

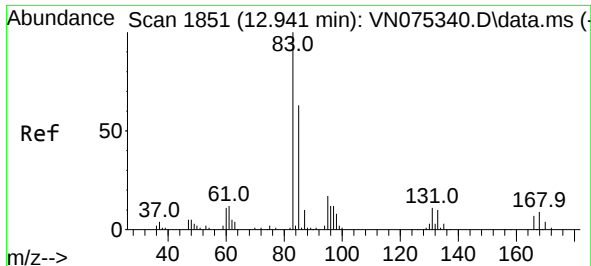


#74
N-ethyl acetate
Concen: 39.898 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41



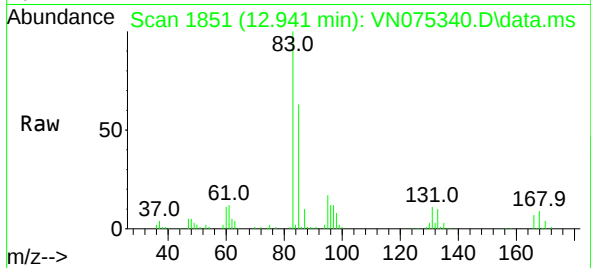
Tgt Ion: 43 Resp: 148072
Ion Ratio Lower Upper
43 100
70 52.1 39.8 59.8
55 27.2 19.9 29.9
61 27.8 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 46.102 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

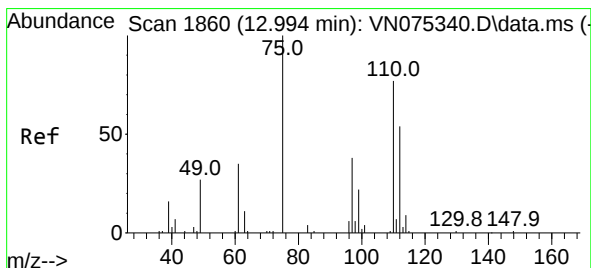
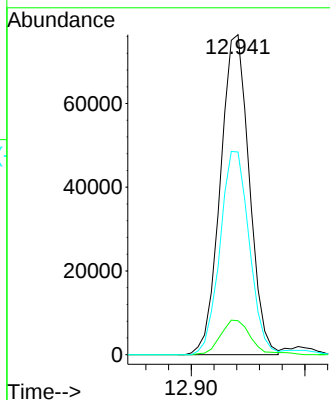
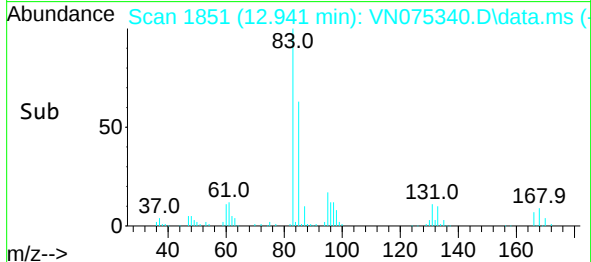
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 134959
Ion Ratio Lower Upper
83 100
131 11.4 5.1 15.3
85 64.6 31.6 94.7

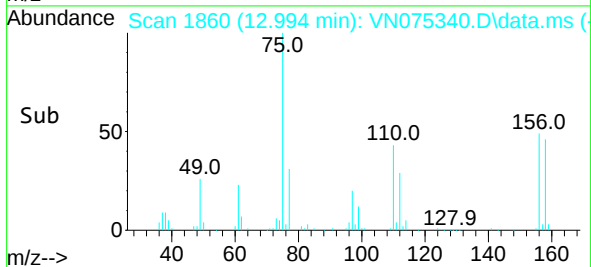
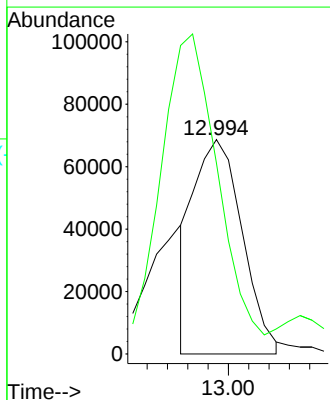
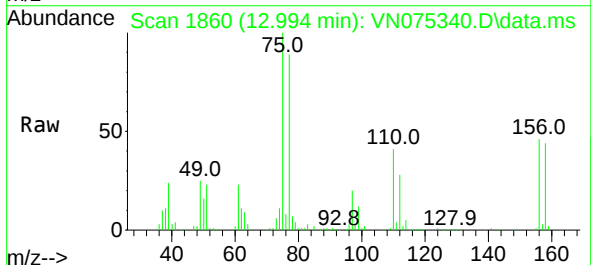
Manual Integrations
APPROVED

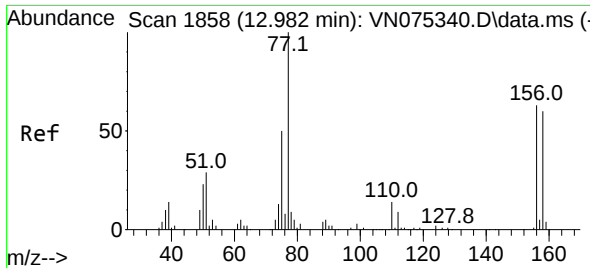
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#76
1,2,3-Trichloropropane
Concen: 43.017 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

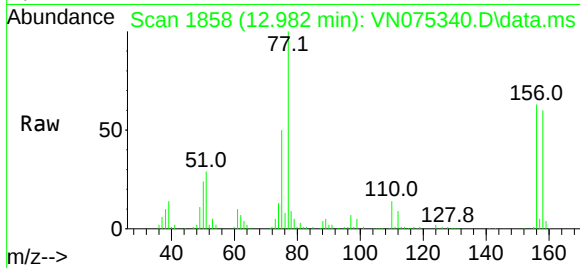
Tgt Ion: 75 Resp: 114046
Ion Ratio Lower Upper
75 100
77 180.2 75.6 226.8





#77
Bromobenzene
Concen: 48.907 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

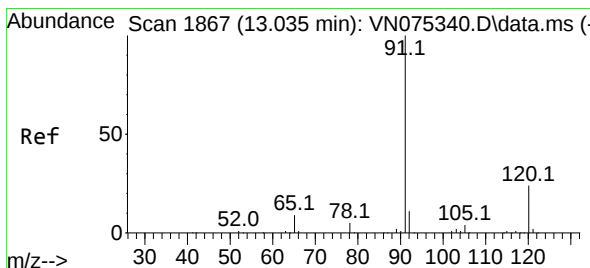
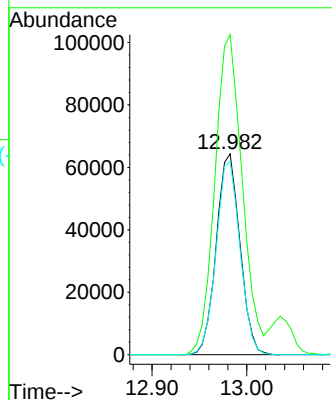
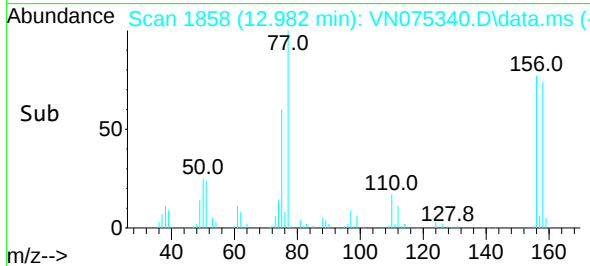
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



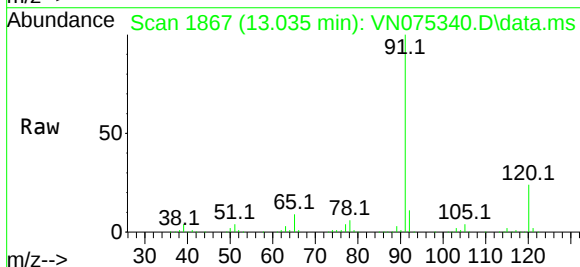
Tgt Ion:156 Resp: 111858
Ion Ratio Lower Upper
156 100
77 183.8 108.5 325.5
158 97.0 47.7 143.1

Manual Integrations
APPROVED

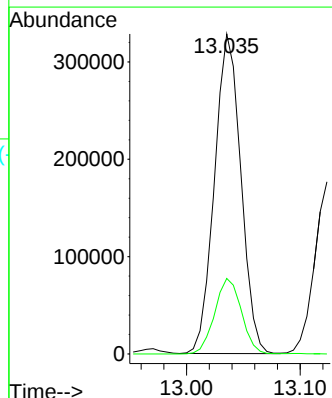
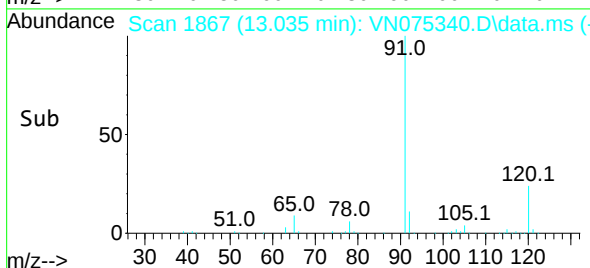
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

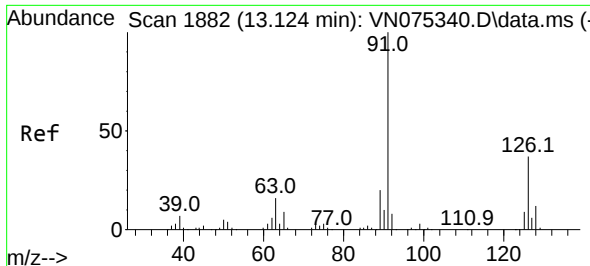


#78
n-propylbenzene
Concen: 46.259 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41



Tgt Ion: 91 Resp: 529824
Ion Ratio Lower Upper
91 100
120 23.8 11.9 35.5





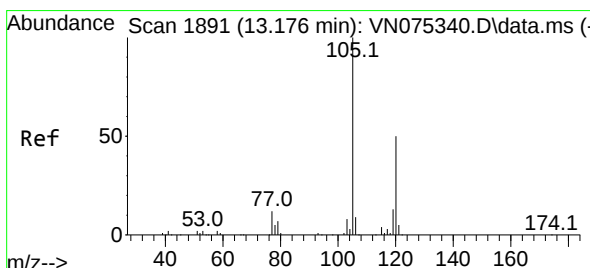
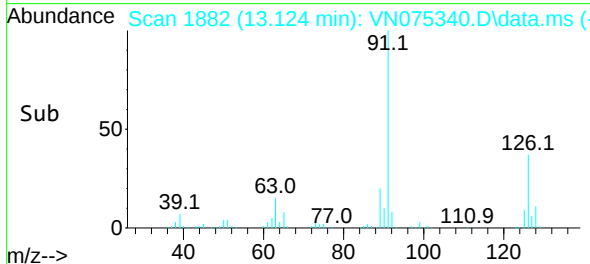
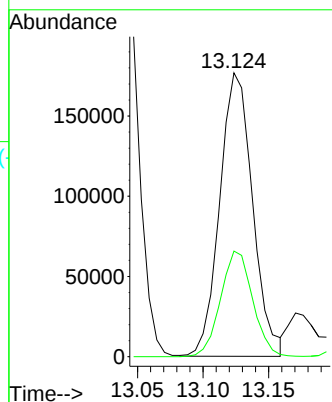
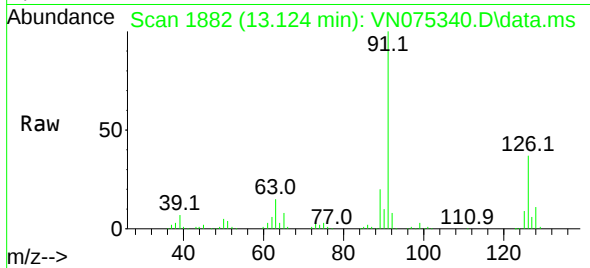
#79
2-Chlorotoluene
Concen: 44.269 ug/l
RT: 13.124 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 308250
Ion Ratio Lower Upper
91 100
126 36.3 16.9 50.7

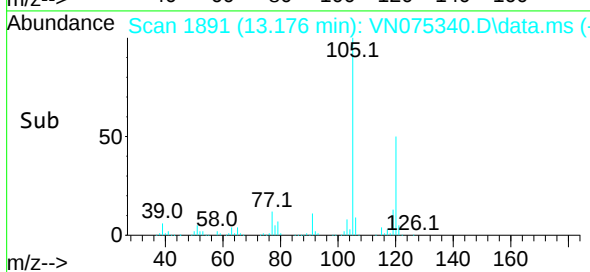
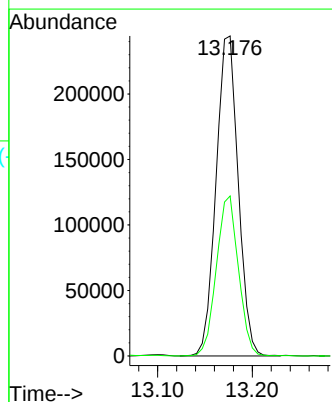
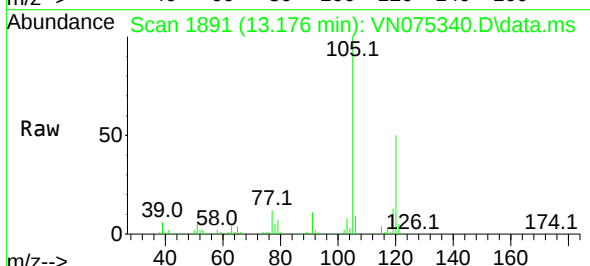
Manual Integrations
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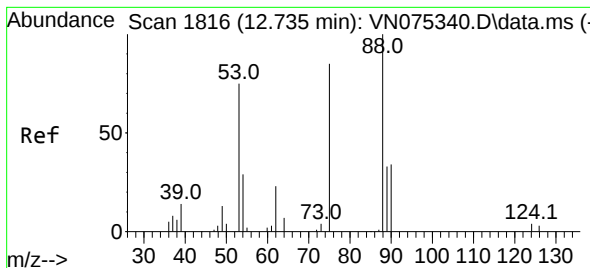
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#80
1,3,5-Trimethylbenzene
Concen: 46.407 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

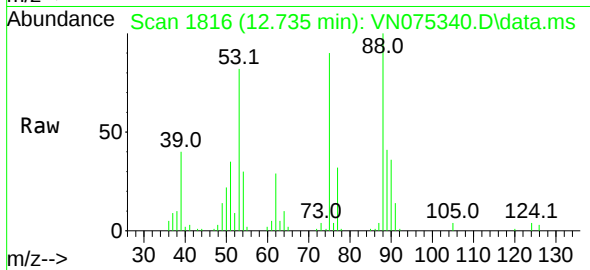
Tgt Ion:105 Resp: 396947
Ion Ratio Lower Upper
105 100
120 49.9 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 41.755 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

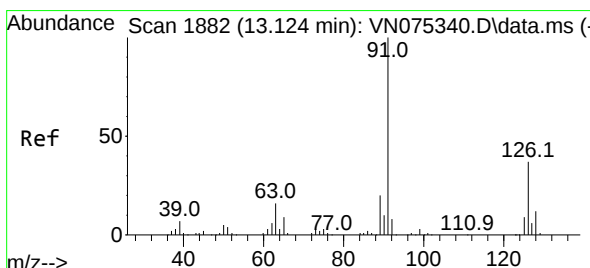
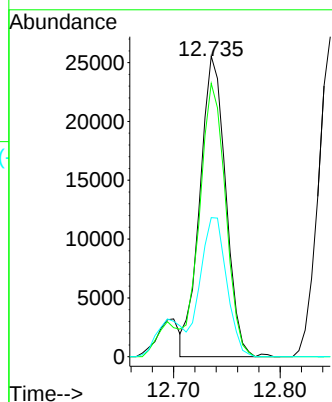
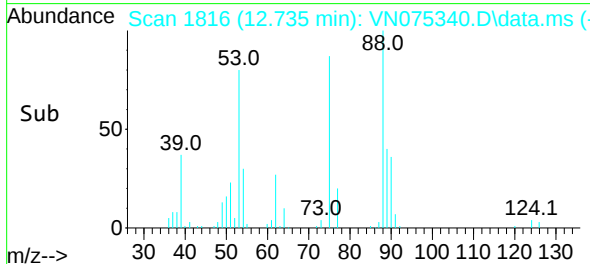
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



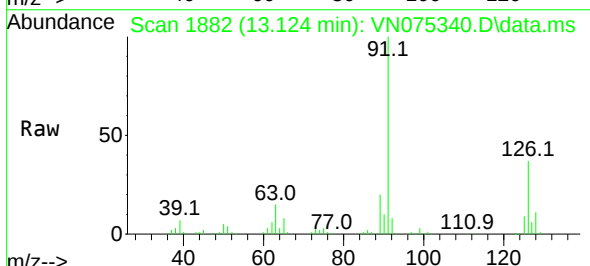
Tgt Ion: 75 Resp: 4312
Ion Ratio Lower Upper
75 100
53 91.1 78.5 117.7
89 46.9 37.7 56.5

Manual Integrations
APPROVED

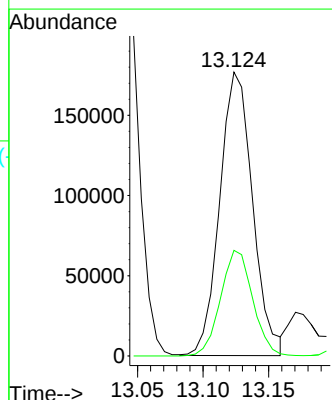
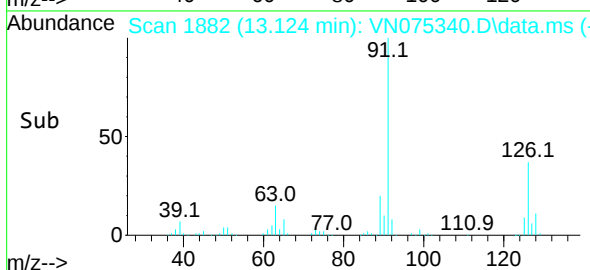
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

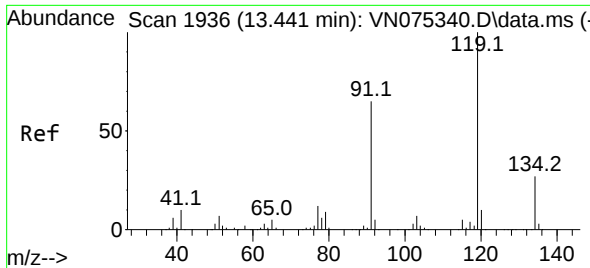


#82
4-Chlorotoluene
Concen: 44.269 ug/l
RT: 13.124 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41



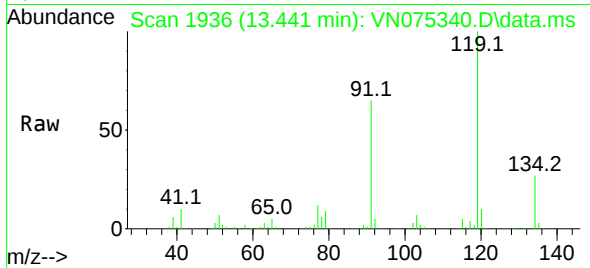
Tgt Ion: 91 Resp: 308256
Ion Ratio Lower Upper
91 100
126 36.3 16.9 50.7





#83
 tert-Butylbenzene
 Concen: 46.390 ug/l
 RT: 13.441 min Scan# 1936
 Delta R.T. 0.000 min
 Lab File: VN075340.D
 Acq: 21 Nov 2022 12:41

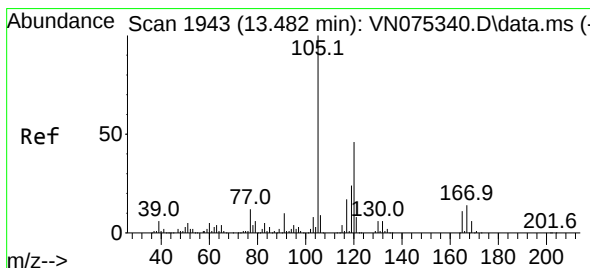
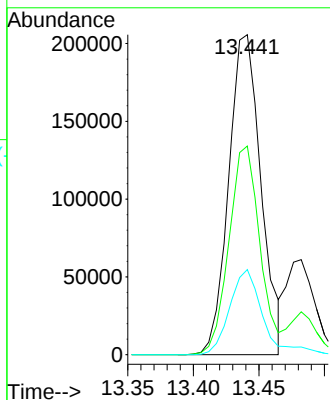
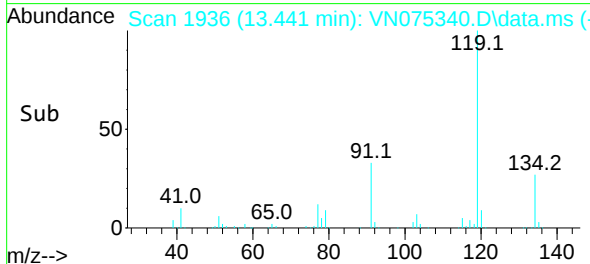
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



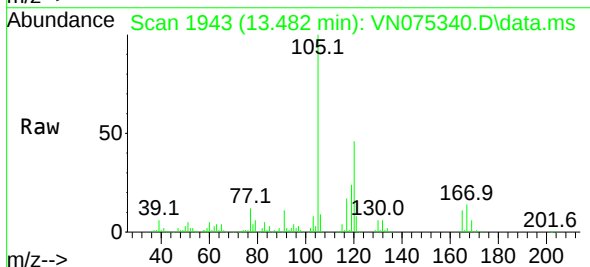
Tgt Ion:119 Resp: 353658
 Ion Ratio Lower Upper
 119 100
 91 62.2 32.8 98.4
 134 27.3 12.3 36.9

Manual Integrations
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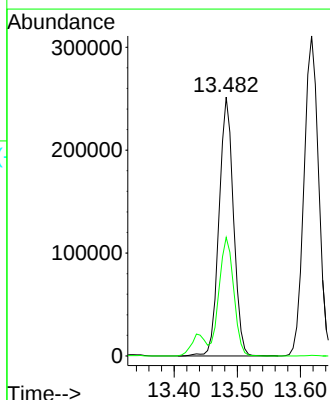
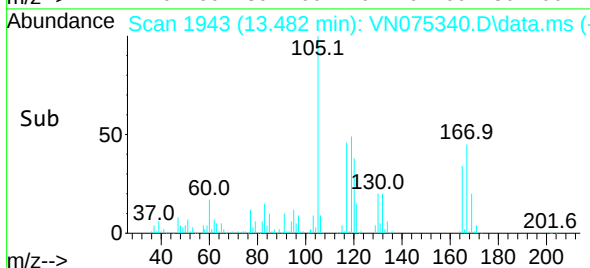
Reviewed By :John Carlone 11/22/2022
 Supervised By :Mahesh Dadoda 11/23/2022

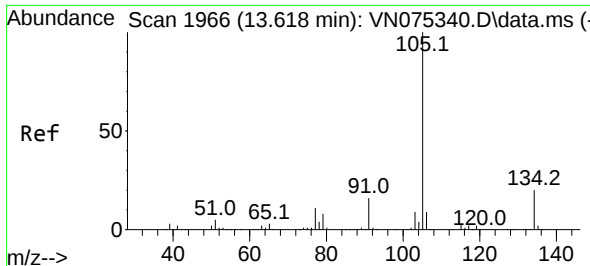


#84
 1,2,4-Trimethylbenzene
 Concen: 46.093 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. 0.000 min
 Lab File: VN075340.D
 Acq: 21 Nov 2022 12:41



Tgt Ion:105 Resp: 398359
 Ion Ratio Lower Upper
 105 100
 120 46.8 22.7 68.1





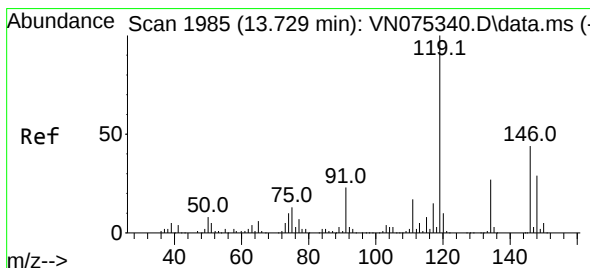
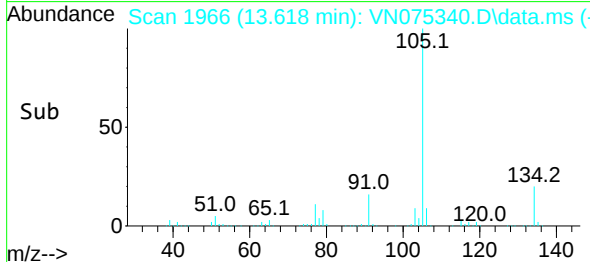
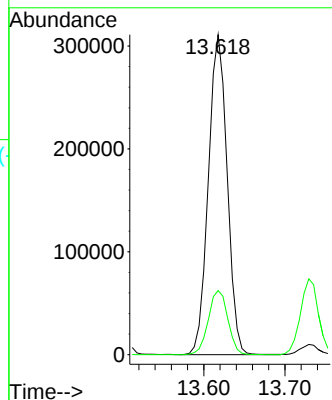
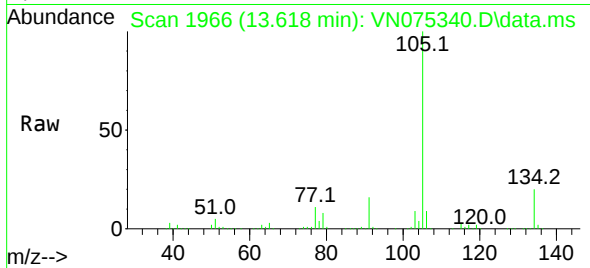
#85
 sec-Butylbenzene
 Concen: 46.969 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075340.D
 Acq: 21 Nov 2022 12:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 499920
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.6

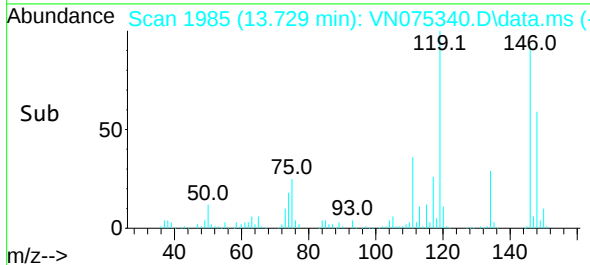
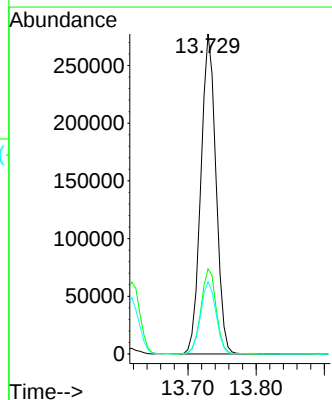
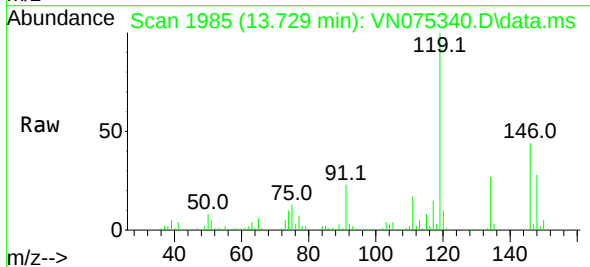
Manual Integrations
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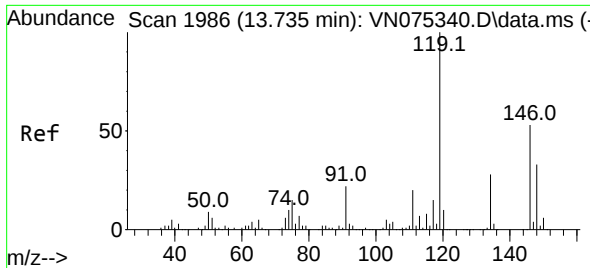
Reviewed By :John Carlone 11/22/2022
 Supervised By :Mahesh Dadoda 11/23/2022



#86
 p-Isopropyltoluene
 Concen: 48.496 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075340.D
 Acq: 21 Nov 2022 12:41

Tgt Ion:119 Resp: 427183
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.3
 91 22.8 11.9 35.5





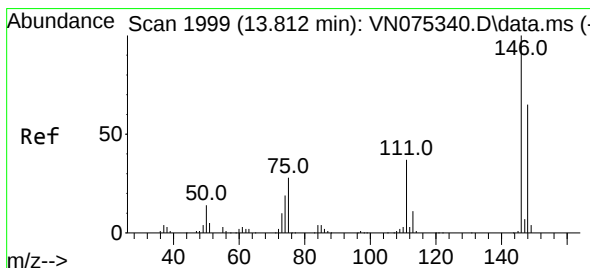
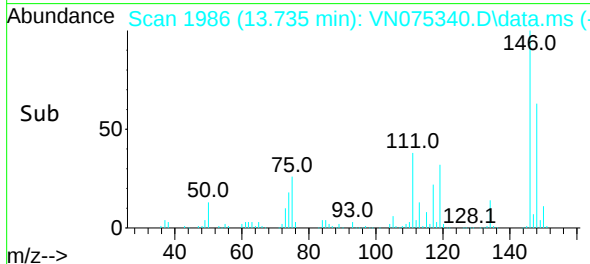
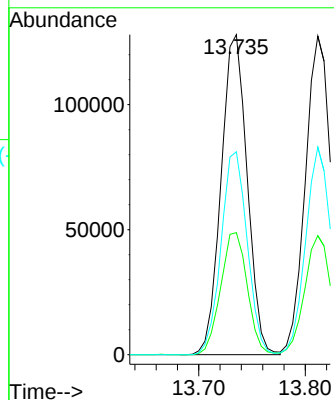
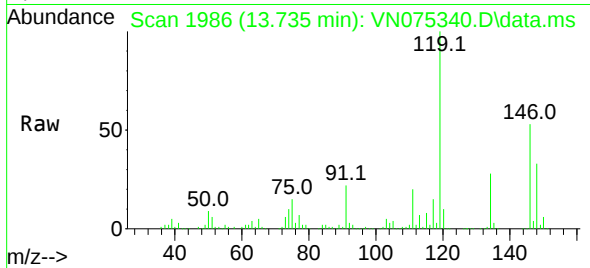
#87
 1,3-Dichlorobenzene
 Concen: 48.965 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075340.D
 Acq: 21 Nov 2022 12:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:146 Resp: 217530
 Ion Ratio Lower Upper
 146 100
 111 39.0 20.8 62.5
 148 63.6 31.1 93.5

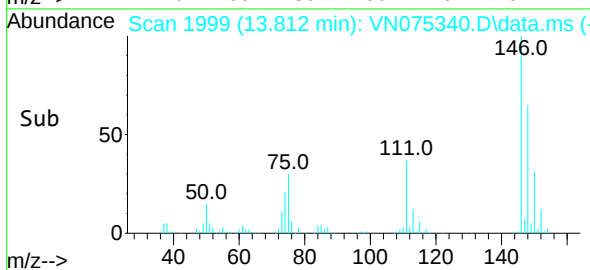
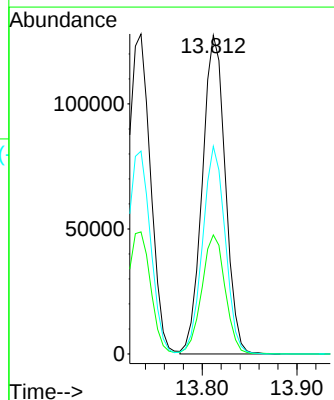
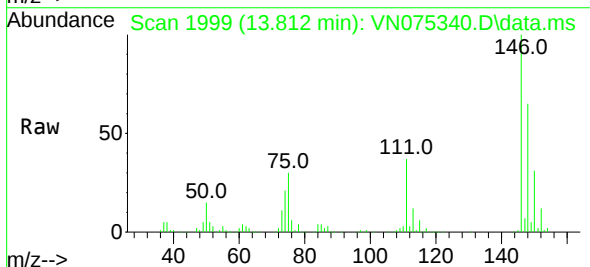
Manual Integrations
 APPROVED

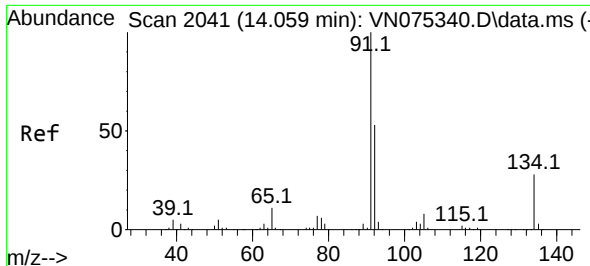
Reviewed By :John Carlone 11/22/2022
 Supervised By :Mahesh Dadoda 11/23/2022



#88
 1,4-Dichlorobenzene
 Concen: 48.859 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN075340.D
 Acq: 21 Nov 2022 12:41

Tgt Ion:146 Resp: 214968
 Ion Ratio Lower Upper
 146 100
 111 37.8 20.1 60.3
 148 64.0 31.9 95.7





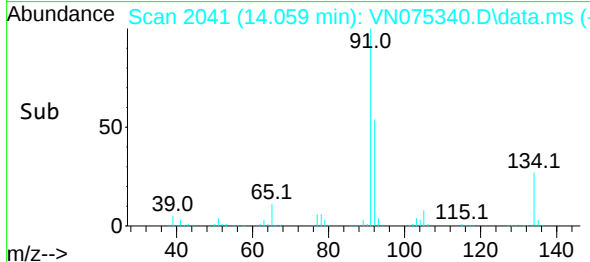
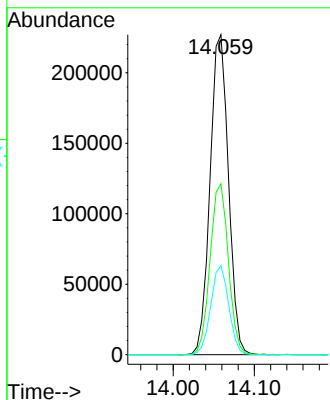
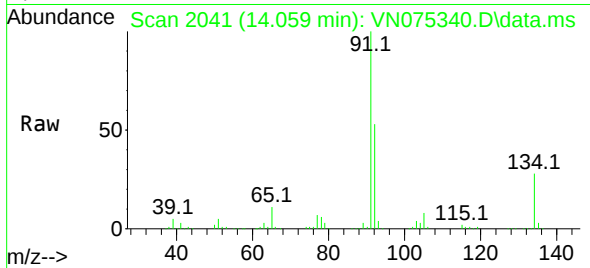
#89
n-Butylbenzene
Concen: 50.215 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 35738
Ion Ratio Lower Upper
91 100
92 53.2 26.5 79.4
134 27.2 13.0 39.0

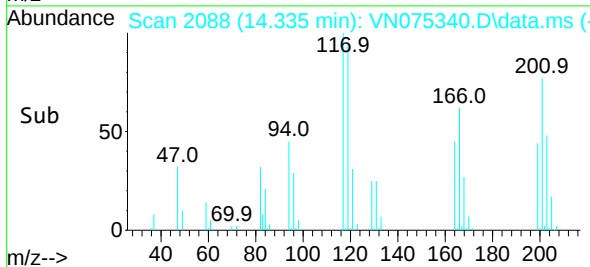
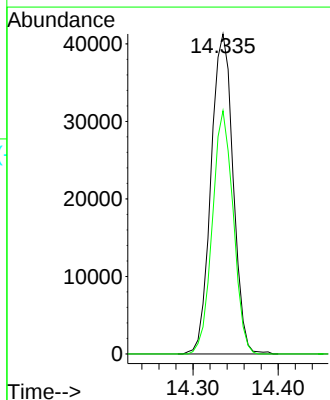
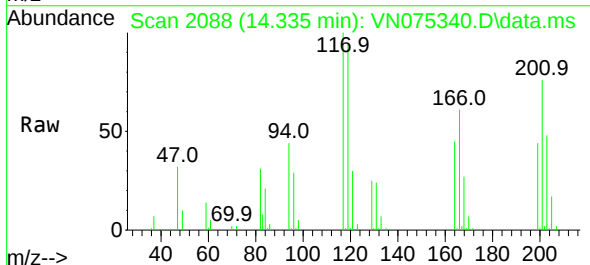
Manual Integrations
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Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#90
Hexachloroethane
Concen: 46.181 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

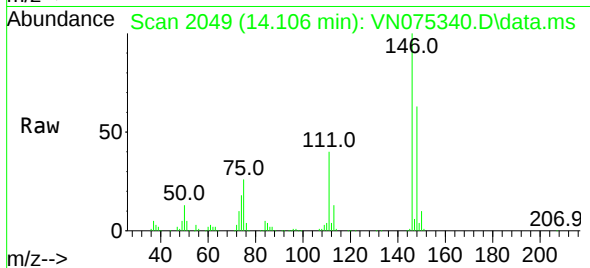
Tgt Ion:117 Resp: 74275
Ion Ratio Lower Upper
117 100
201 71.8 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 49.166 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

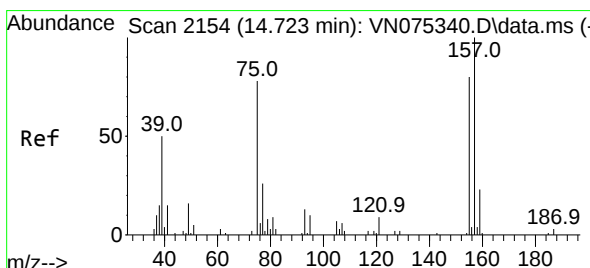
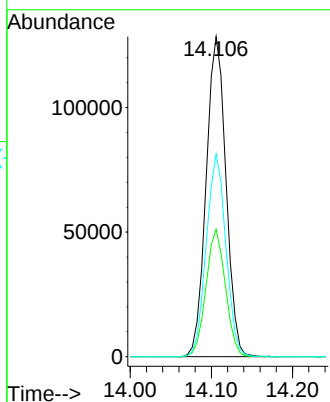
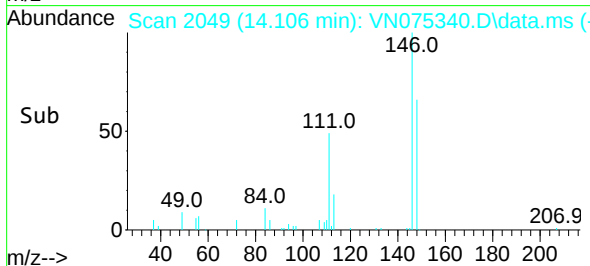
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:146 Resp: 21747
Ion Ratio Lower Upper
146 100
111 39.0 21.3 63.9
148 62.8 31.4 94.2

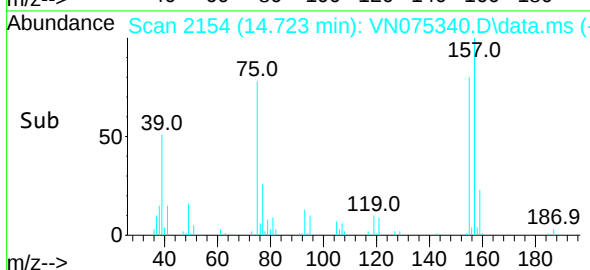
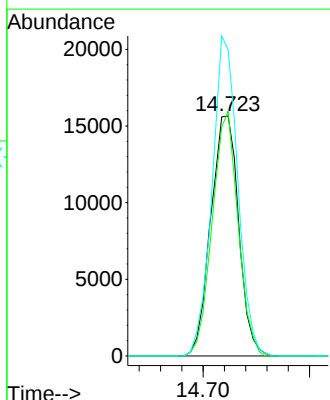
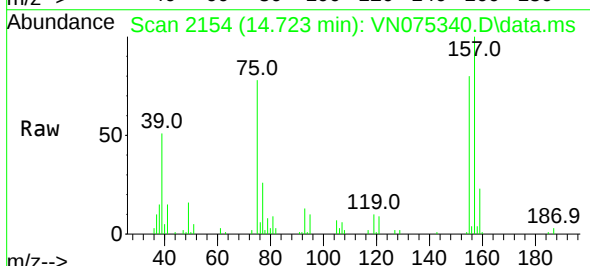
Manual Integrations
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Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.846 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

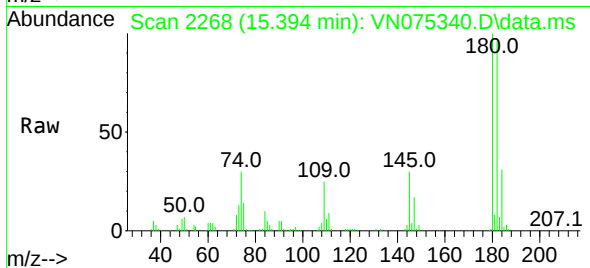
Tgt Ion: 75 Resp: 28366
Ion Ratio Lower Upper
75 100
155 94.1 42.1 126.3
157 123.2 51.7 155.1





#93
1,2,4-Trichlorobenzene
Concen: 60.850 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

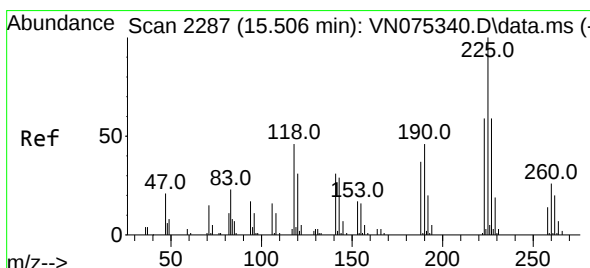
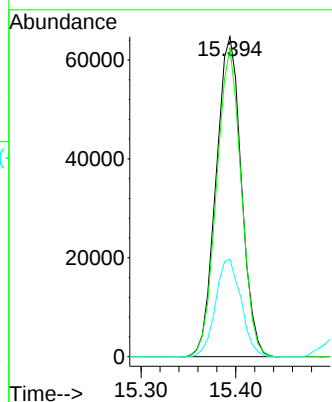
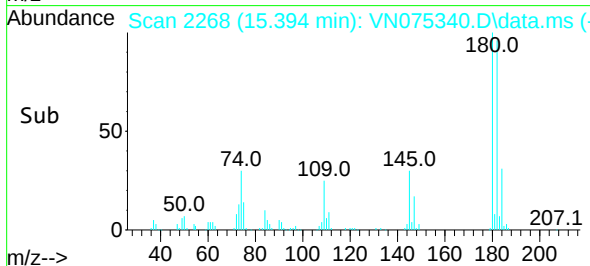
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



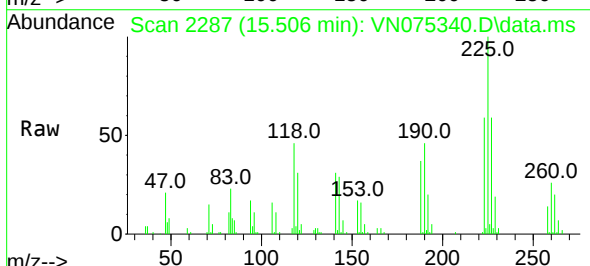
Tgt Ion:180 Resp: 120340
Ion Ratio Lower Upper
180 100
182 93.9 47.8 143.4
145 30.6 16.8 50.3

Manual Integrations
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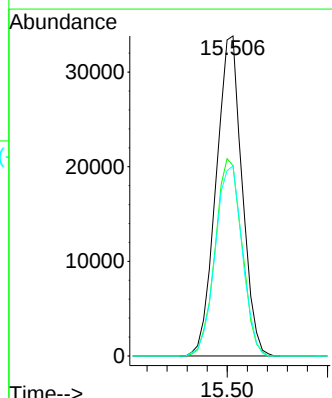
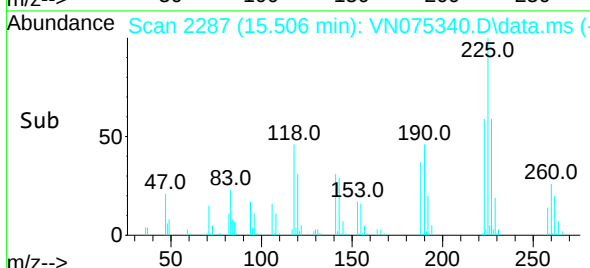
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

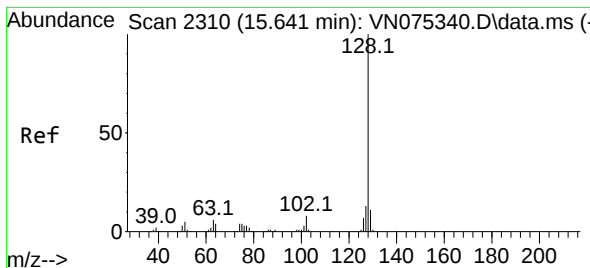


#94
Hexachlorobutadiene
Concen: 61.708 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41



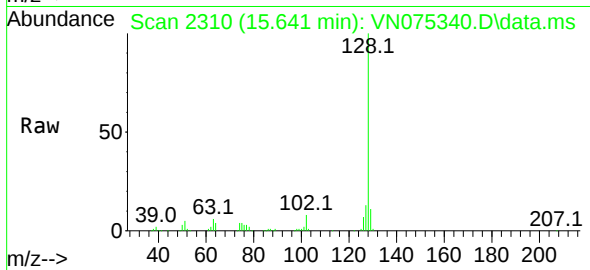
Tgt Ion:225 Resp: 60733
Ion Ratio Lower Upper
225 100
223 63.3 32.3 96.9
227 61.8 32.0 96.2





#95
Naphthalene
Concen: 51.016 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41

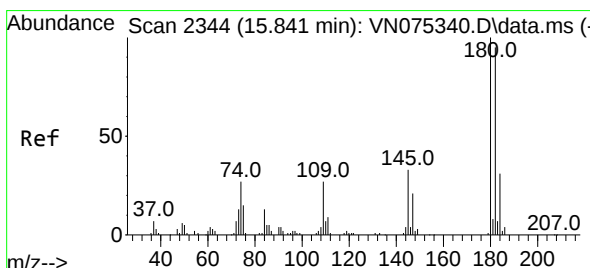
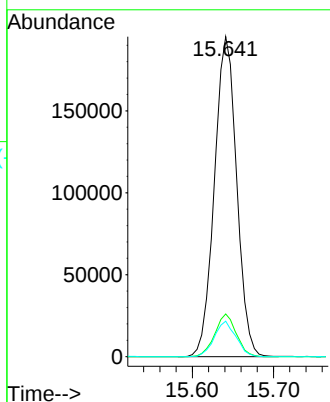
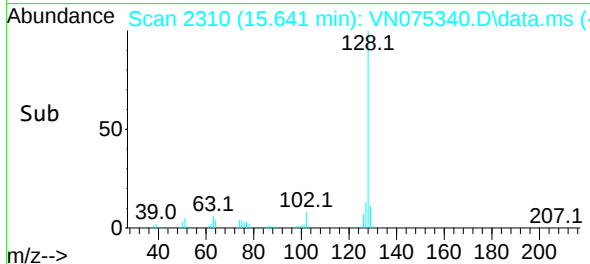
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



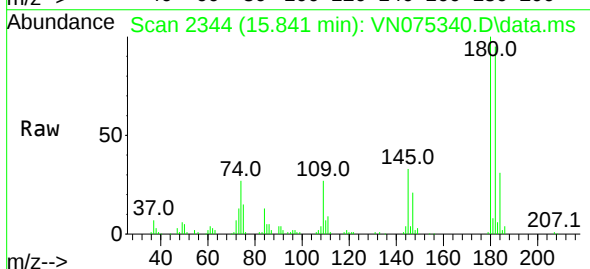
Tgt Ion:128 Resp: 372390
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#96
1,2,3-Trichlorobenzene
Concen: 58.167 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075340.D
Acq: 21 Nov 2022 12:41



Tgt Ion:180 Resp: 113558
Ion Ratio Lower Upper
180 100
182 94.0 47.3 141.8
145 32.3 17.6 52.9

