

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112322\
 Data File : VN075411.D
 Acq On : 23 Nov 2022 21:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/25/2022
 Supervised By : Mahesh Dadoda 11/28/2022

Quant Time: Nov 24 06:54:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	181169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	290079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	263627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	44268	45.520	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.040%		
35) Dibromofluoromethane	8.171	113	56836	49.877	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.760%		
50) Toluene-d8	10.571	98	130432	50.820	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.640%		
62) 4-Bromofluorobenzene	12.853	95	99798	52.681	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.360%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	63907	46.131	ug/l	98
3) Chloromethane	2.371	50	72213	41.893	ug/l	99
4) Vinyl Chloride	2.524	62	97604	44.928	ug/l	99
5) Bromomethane	2.936	94	85595	44.805	ug/l	97
6) Chloroethane	3.112	64	74860	45.477	ug/l	97
7) Trichlorofluoromethane	3.500	101	140232	45.185	ug/l	99
8) Diethyl Ether	3.977	74	55167	50.716	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.377	101	83046	48.471	ug/l	91
10) Methyl Iodide	4.600	142	139963	50.414	ug/l	93
11) Tert butyl alcohol	5.530	59	98756	241.906	ug/l	97
12) 1,1-Dichloroethene	4.353	96	80307	47.867	ug/l	87
13) Acrolein	4.189	56	77152	216.936	ug/l	97
14) Allyl chloride	5.030	41	92245	42.506	ug/l #	92
15) Acrylonitrile	5.724	53	221350	236.330	ug/l	97
16) Acetone	4.436	43	170512	187.976	ug/l	94
17) Carbon Disulfide	4.718	76	189741	43.517	ug/l	97
18) Methyl Acetate	5.036	43	114344	50.002	ug/l	95
19) Methyl tert-butyl Ether	5.806	73	284520	47.873	ug/l	96
20) Methylene Chloride	5.289	84	89608	48.681	ug/l	92
21) trans-1,2-Dichloroethene	5.800	96	88458	46.265	ug/l	95
22) Diisopropyl ether	6.683	45	234129	47.277	ug/l	99
23) Vinyl Acetate	6.612	43	942557m	239.236	ug/l	
24) 1,1-Dichloroethane	6.577	63	147709	46.468	ug/l	97
25) 2-Butanone	7.488	43	283161	223.592	ug/l	97
26) 2,2-Dichloropropane	7.500	77	127879	43.286	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	104674	48.415	ug/l	92
28) Bromochloromethane	7.818	49	58848	45.608	ug/l #	77
29) Tetrahydrofuran	7.841	42	183978	238.833	ug/l	97
30) Chloroform	7.971	83	168519	46.165	ug/l	95
31) Cyclohexane	8.265	56	128121	41.467	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	157562	47.538	ug/l	95
36) 1,1-Dichloropropene	8.377	75	121073	48.721	ug/l	96
37) Ethyl Acetate	7.565	43	108452	48.468	ug/l	97
38) Carbon Tetrachloride	8.371	117	140509	51.471	ug/l	98
39) Methylcyclohexane	9.606	83	157519	50.647	ug/l	96
40) Benzene	8.606	78	372336	48.937	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	59050	51.618	ug/l	97
42) 1,2-Dichloroethane	8.677	62	122624	48.122	ug/l	96
43) Isopropyl Acetate	8.694	43	192970	53.728	ug/l	99
44) Trichloroethene	9.353	130	105633	50.740	ug/l	94
45) 1,2-Dichloropropane	9.624	63	87953	48.509	ug/l	96
46) Dibromomethane	9.712	93	67939	49.539	ug/l #	89
47) Bromodichloromethane	9.894	83	132671	49.955	ug/l	99
48) Methyl methacrylate	9.682	41	82821	49.870	ug/l	95
49) 1,4-Dioxane	9.700	88	46877	994.044	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	585794	256.075	ug/l	97
52) Toluene	10.629	92	252075	51.413	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	139318	52.253	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	151027	52.154	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	100903	50.529	ug/l	94
56) Ethyl methacrylate	10.876	69	148070	54.905	ug/l	94
57) 1,3-Dichloropropane	11.165	76	159942	49.121	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	273243	280.934	ug/l	95
59) 2-Hexanone	11.200	43	434736	253.084	ug/l	96
60) Dibromochloromethane	11.359	129	114344	55.784	ug/l	97
61) 1,2-Dibromoethane	11.471	107	105989	51.136	ug/l	100
64) Tetrachloroethene	11.106	164	93224	46.306	ug/l	92
65) Chlorobenzene	11.894	112	271595	49.886	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	104729	51.541	ug/l	98
67) Ethyl Benzene	11.965	91	491106	52.873	ug/l	97
68) m/p-Xylenes	12.070	106	392213	103.983	ug/l	100
69) o-Xylene	12.400	106	197201	52.620	ug/l	95
70) Styrene	12.412	104	320565	54.223	ug/l	99
71) Bromoform	12.582	173	85434	55.244	ug/l #	99
73) Isopropylbenzene	12.700	105	504914	51.032	ug/l	98
74) N-amyl acetate	12.494	43	166708	54.806	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	151147	50.107	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	126958m	49.583	ug/l	
77) Bromobenzene	12.982	156	126054	51.606	ug/l	85
78) n-propylbenzene	13.035	91	573350	51.925	ug/l	98
79) 2-Chlorotoluene	13.129	91	340767	51.220	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	437457	53.218	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	46112	53.284	ug/l	93
82) 4-Chlorotoluene	13.129	91	340767	51.220	ug/l	96
83) tert-Butylbenzene	13.441	119	390151	52.056	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	439016	53.244	ug/l	99
85) sec-Butylbenzene	13.617	105	551473	54.229	ug/l	99
86) p-Isopropyltoluene	13.729	119	471486	55.106	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	238543	51.543	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	238910	50.818	ug/l	98
89) n-Butylbenzene	14.059	91	391728	54.208	ug/l	99
90) Hexachloroethane	14.335	117	79934	54.155	ug/l	81
91) 1,2-Dichlorobenzene	14.106	146	233683	51.800	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	30617	53.582	ug/l	76
93) 1,2,4-Trichlorobenzene	15.394	180	133783	57.869	ug/l	99
94) Hexachlorobutadiene	15.506	225	69526	57.737	ug/l	95
95) Naphthalene	15.641	128	419083	57.622	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	129902	57.171	ug/l	97

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

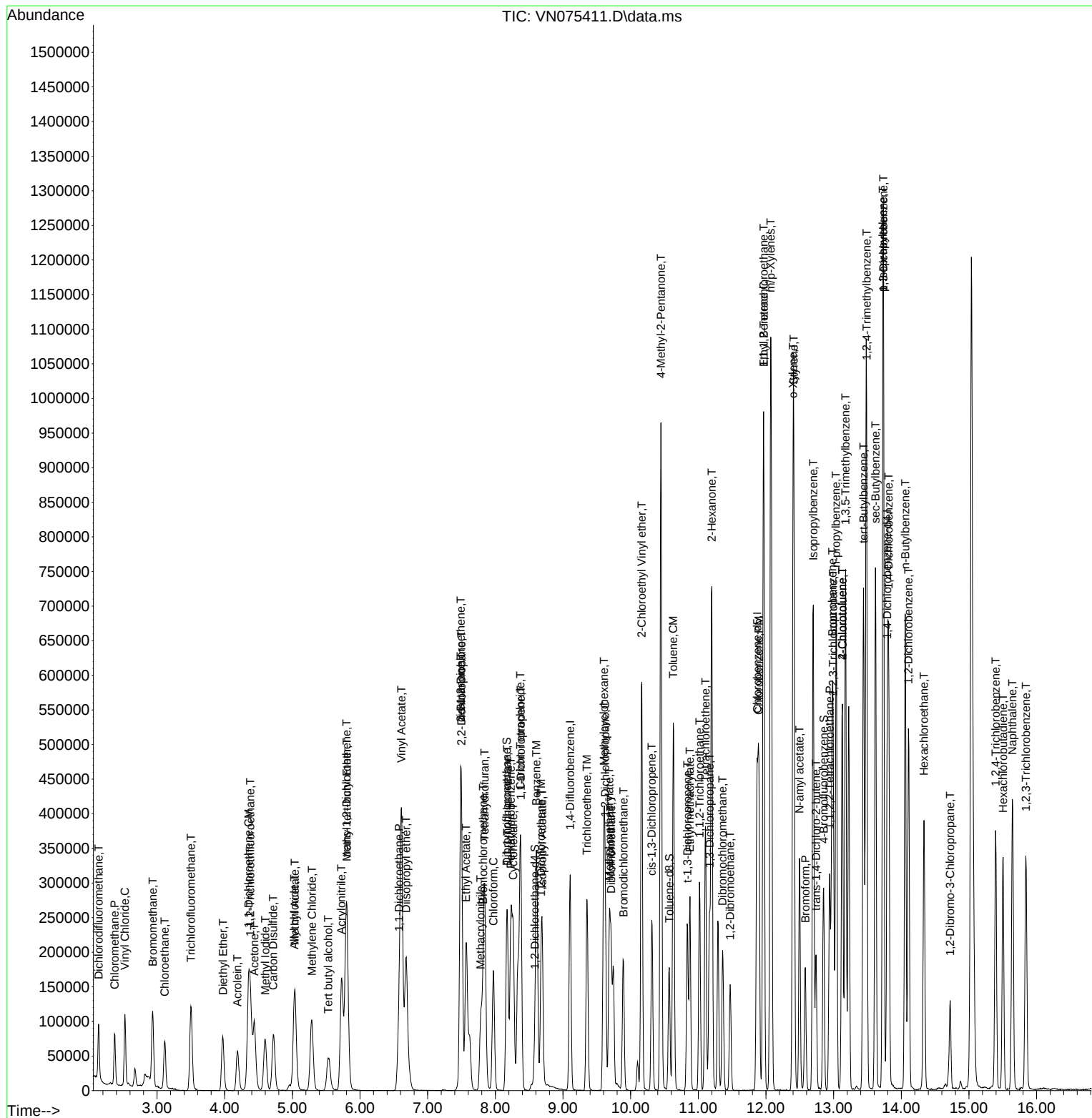
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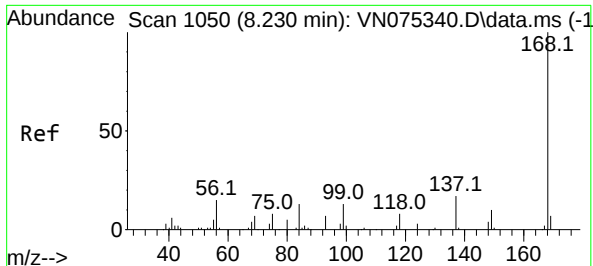
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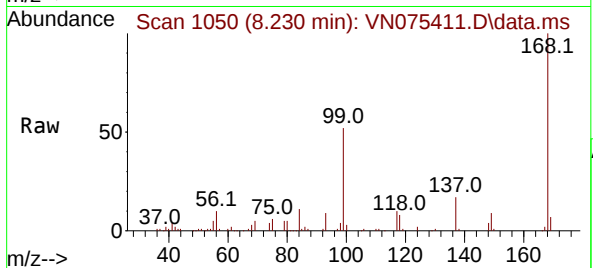
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075411.D
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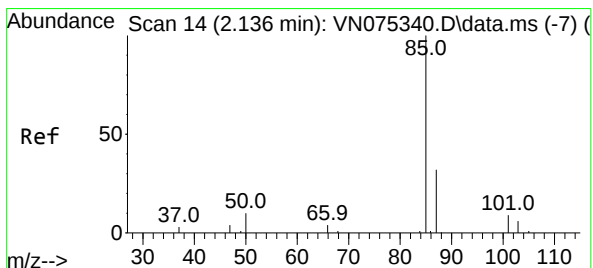
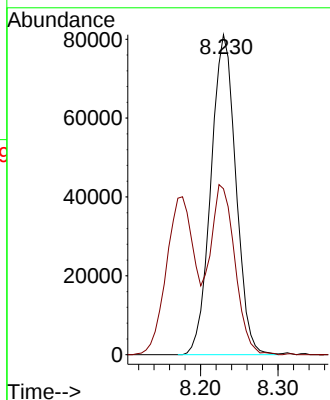
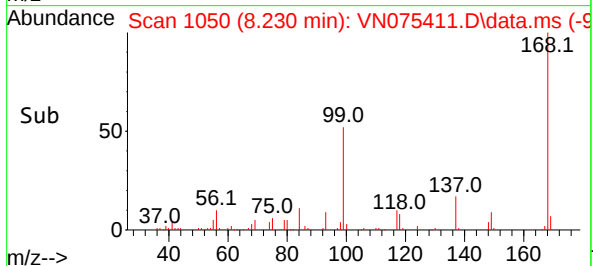
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Tgt Ion:168 Resp: 181169
Ion Ratio Lower Upper
168 100
99 51.9 51.6 77.4

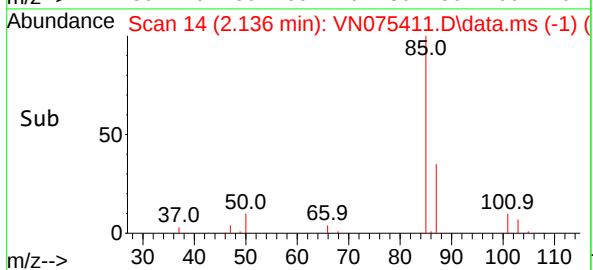
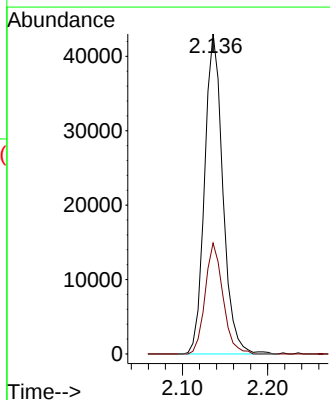
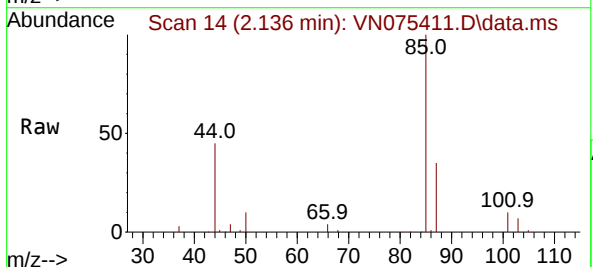
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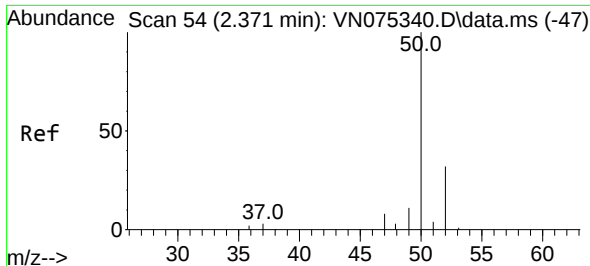
Reviewed By :John Carlone 11/25/2022
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#2
Dichlorodifluoromethane
Concen: 46.131 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

Tgt Ion: 85 Resp: 63907
Ion Ratio Lower Upper
85 100
87 34.7 16.7 50.0





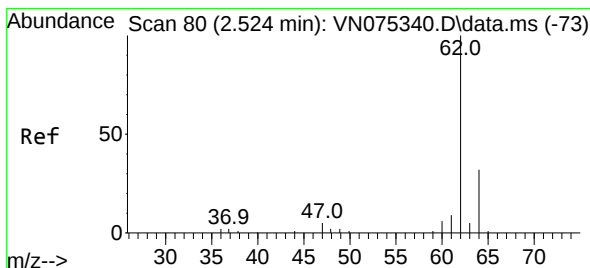
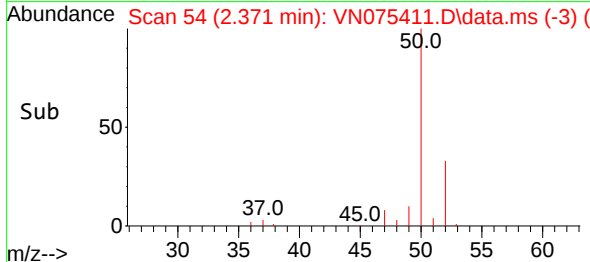
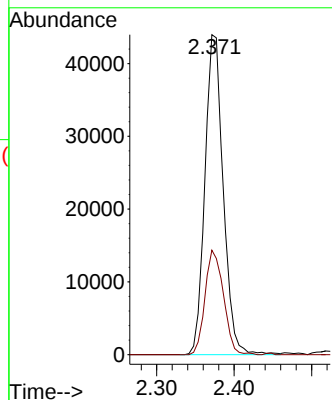
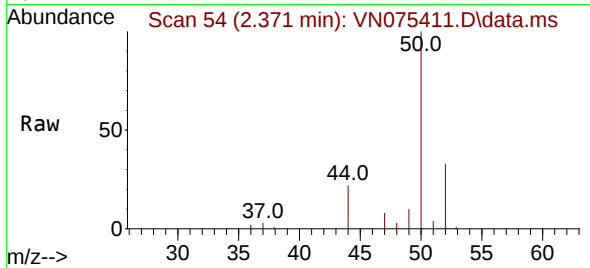
#3
Chloromethane
Concen: 41.893 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 7221
Ion Ratio Lower Upper
50 100
52 32.7 25.8 38.6

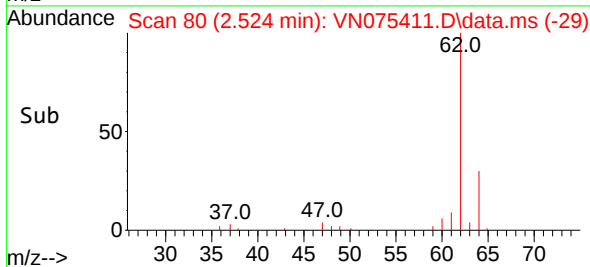
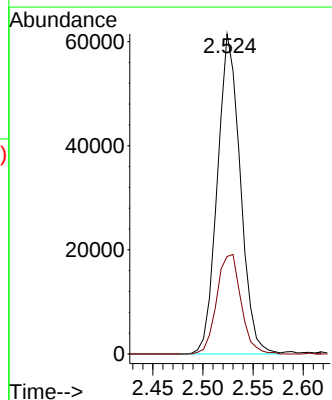
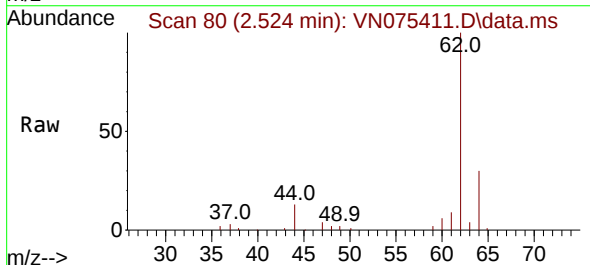
Manual Integrations
APPROVED

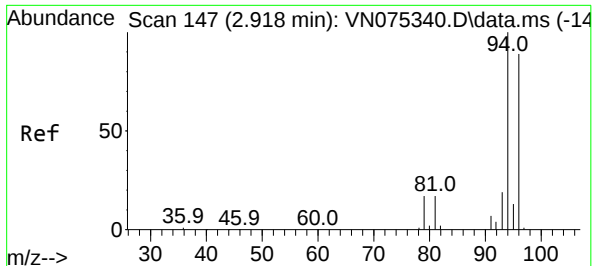
Reviewed By :John Carlone 11/25/2022
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#4
Vinyl Chloride
Concen: 44.928 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

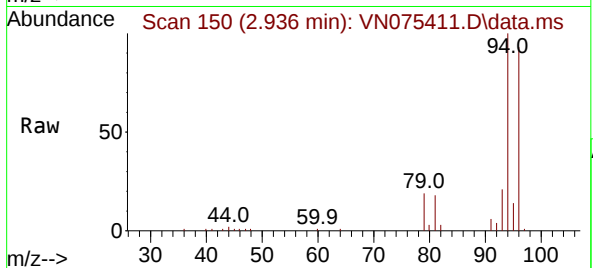
Tgt Ion: 62 Resp: 97604
Ion Ratio Lower Upper
62 100
64 30.4 24.0 36.0





#5
Bromomethane
Concen: 44.805 ug/l
RT: 2.936 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

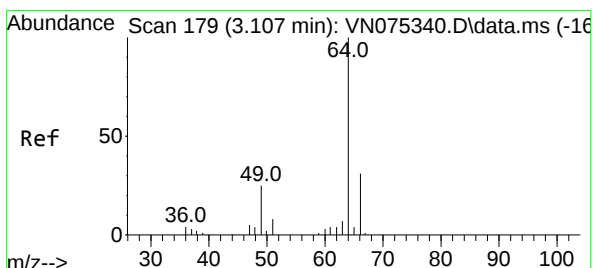
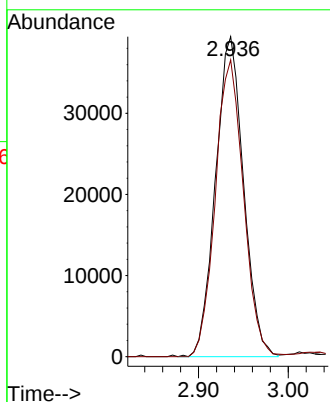
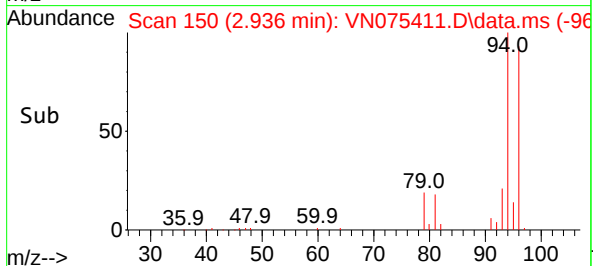
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Tgt Ion: 94 Resp: 8559
Ion Ratio Lower Upper
94 100
96 92.8 71.8 107.6

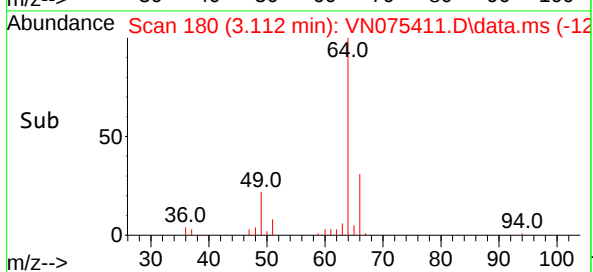
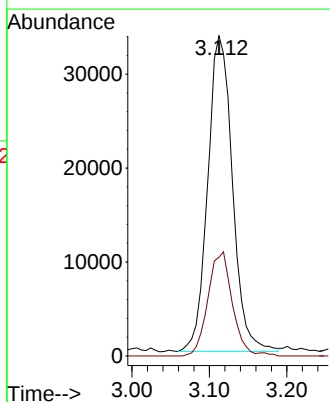
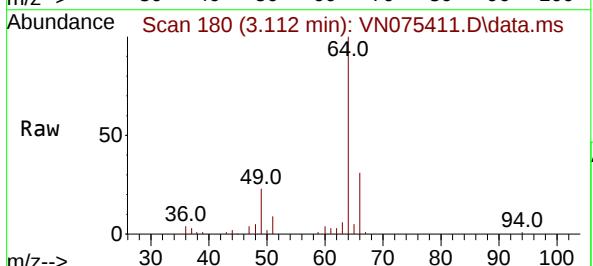
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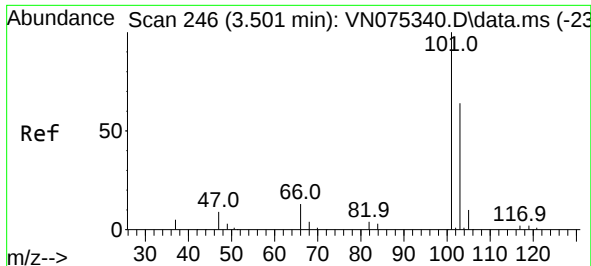
Reviewed By :John Carlone 11/25/2022
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#6
Chloroethane
Concen: 45.477 ug/l
RT: 3.112 min Scan# 180
Delta R.T. 0.005 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

Tgt Ion: 64 Resp: 74860
Ion Ratio Lower Upper
64 100
66 31.3 23.8 35.8





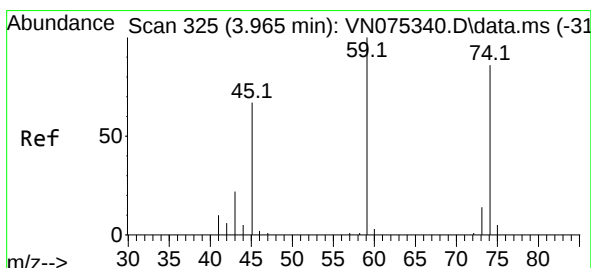
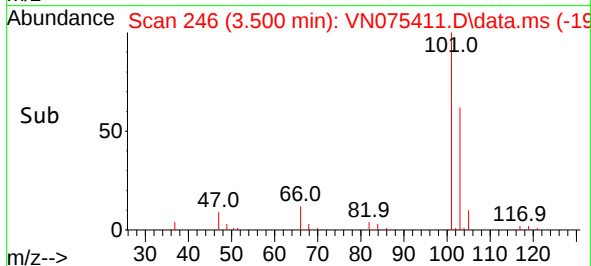
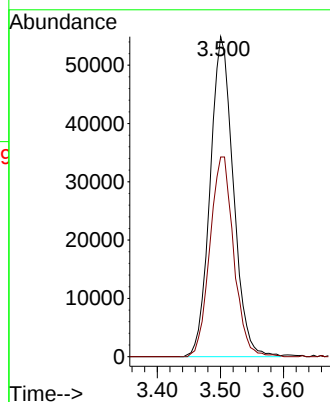
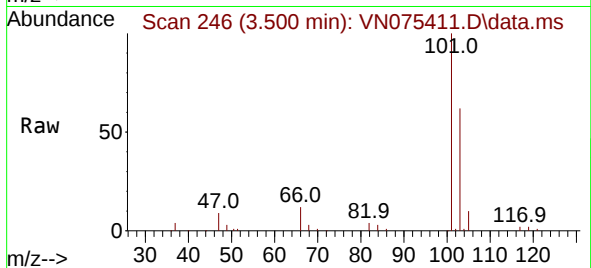
#7
Trichlorofluoromethane
Concen: 45.185 ug/l
RT: 3.500 min Scan# 246
Delta R.T. -0.001 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 14023
Ion Ratio Lower Upper
101 100
103 62.4 50.5 75.7

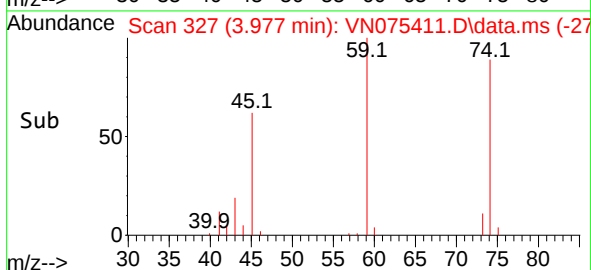
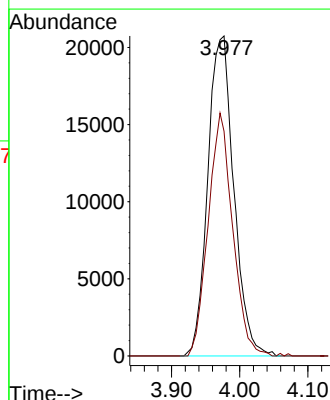
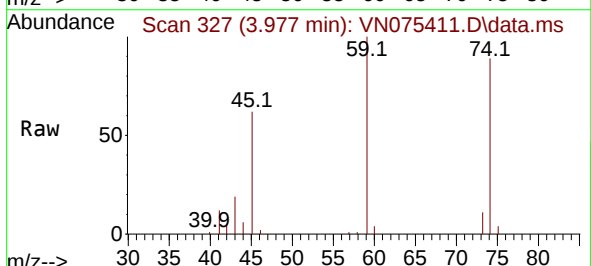
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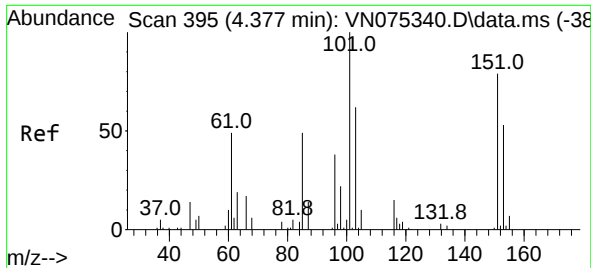
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Supervised By :Mahesh Dadoda 11/28/2022



#8
Diethyl Ether
Concen: 50.716 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.012 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

Tgt Ion: 74 Resp: 55167
Ion Ratio Lower Upper
74 100
45 71.4 39.3 117.9





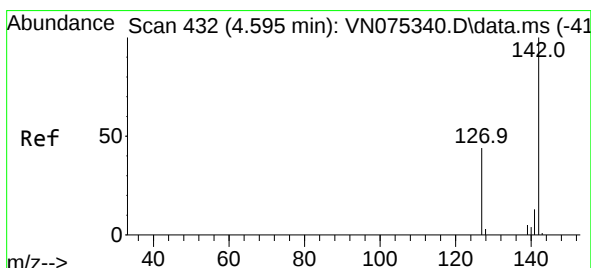
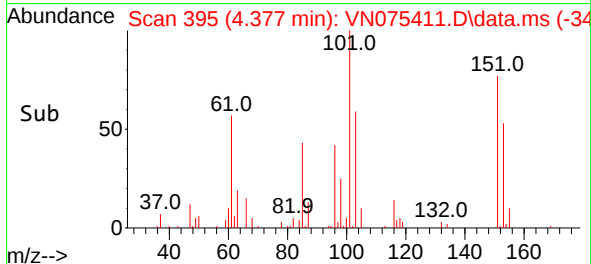
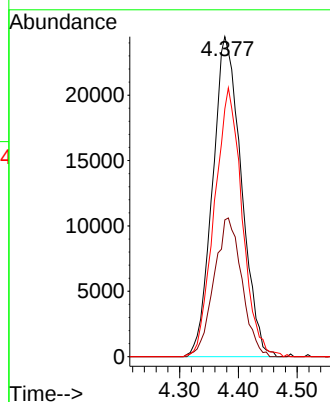
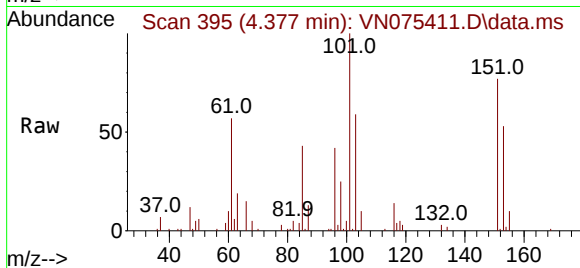
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.471 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 83040
Ion Ratio Lower Upper
101 100
85 42.0 37.6 56.4
151 81.2 58.3 87.5

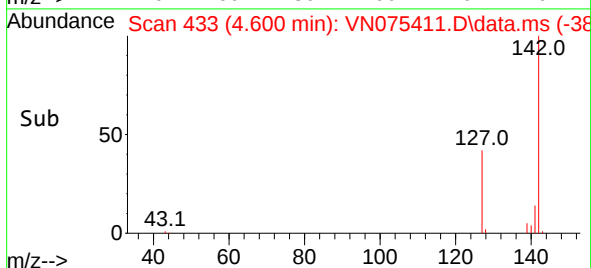
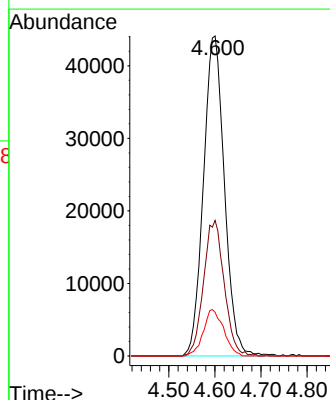
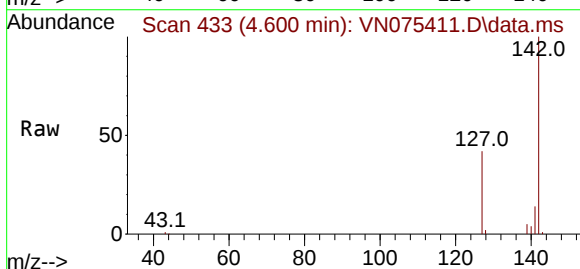
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#10
Methyl Iodide
Concen: 50.414 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.005 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

Tgt Ion:142 Resp: 139963
Ion Ratio Lower Upper
142 100
127 41.6 38.0 57.0
141 14.0 12.2 18.4





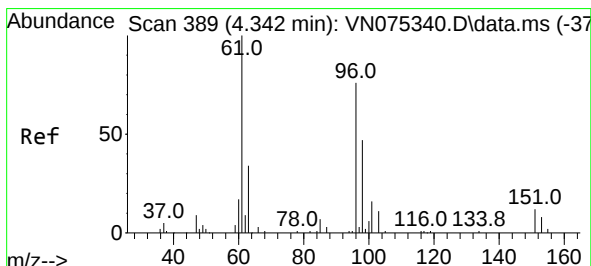
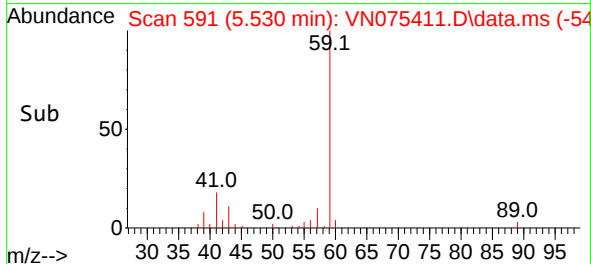
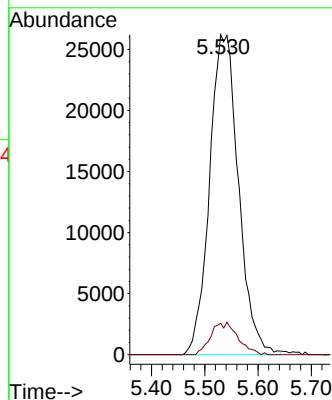
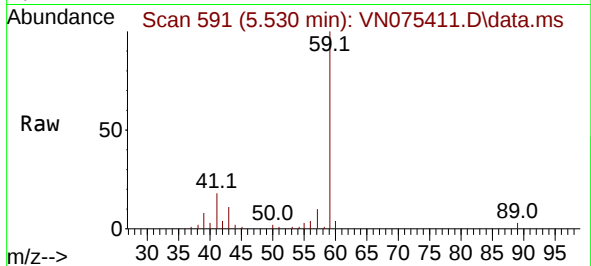
#11
Tert butyl alcohol
Concen: 241.906 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.012 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 98750
Ion Ratio Lower Upper
59 100
57 9.5 8.5 12.7

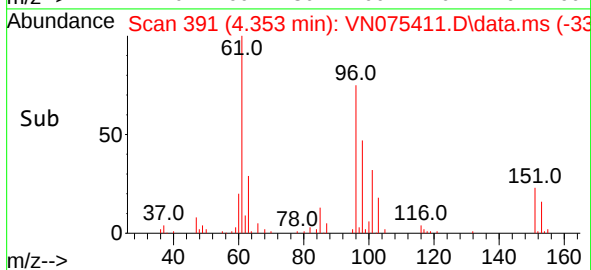
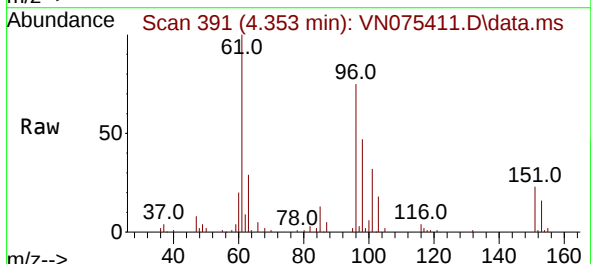
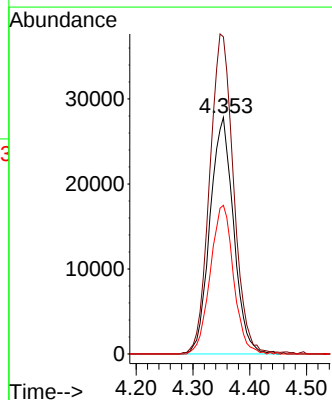
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#12
1,1-Dichloroethene
Concen: 47.867 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.011 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

Tgt Ion: 96 Resp: 80307
Ion Ratio Lower Upper
96 100
61 134.1 126.2 189.4
98 62.9 51.5 77.3





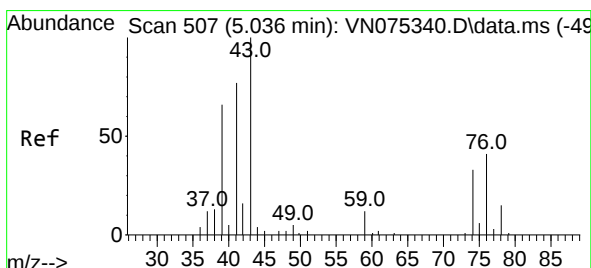
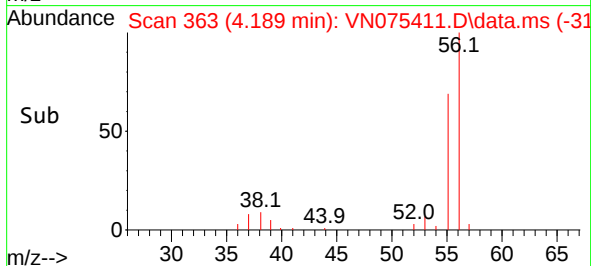
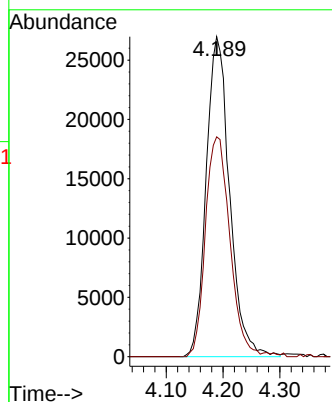
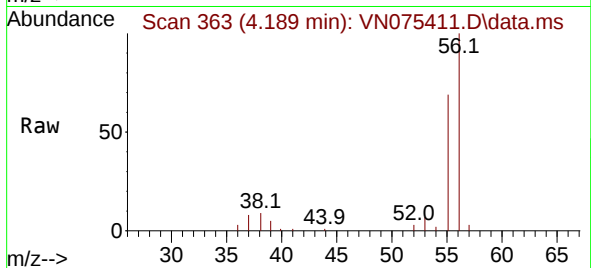
#13
Acrolein
Concen: 216.936 ug/l
RT: 4.189 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 7715
Ion Ratio Lower Upper
56 100
55 71.5 55.2 82.8

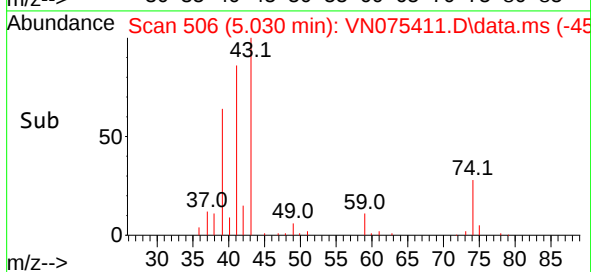
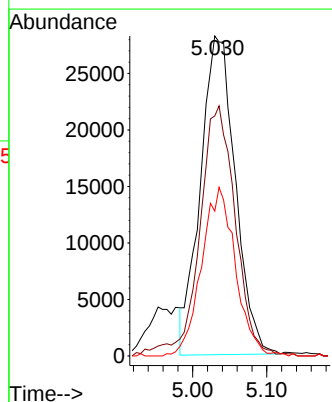
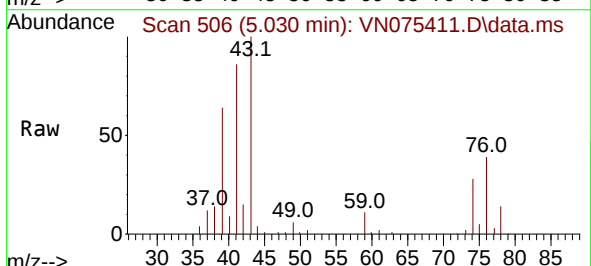
Manual Integrations
APPROVED

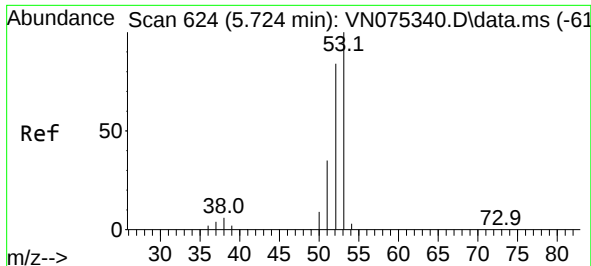
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#14
Allyl chloride
Concen: 42.506 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

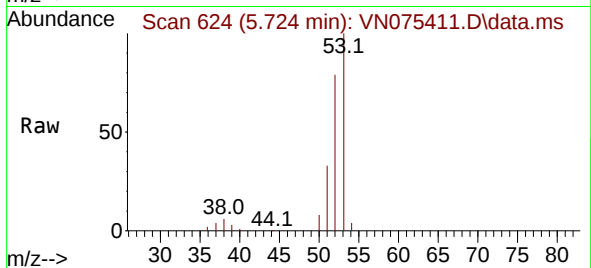
Tgt Ion: 41 Resp: 92245
Ion Ratio Lower Upper
41 100
39 80.2 61.0 91.4
76 51.1 33.4 50.0#





#15
Acrylonitrile
Concen: 236.330 ug/l
RT: 5.724 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

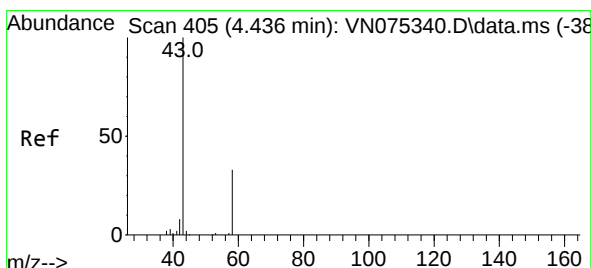
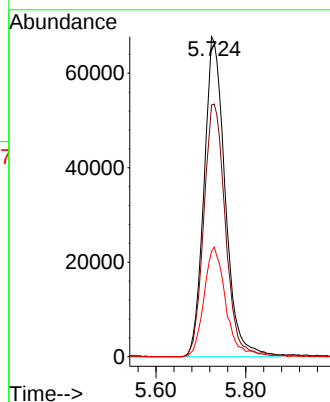
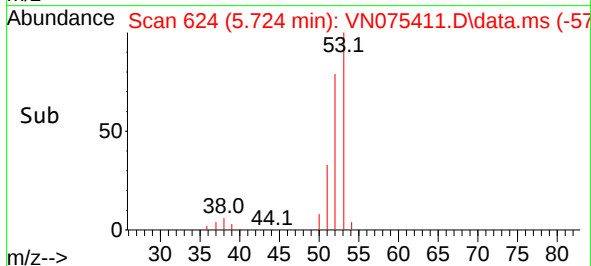
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 221350
Ion Ratio Lower Upper
53 100
52 80.3 66.4 99.6
51 35.3 29.6 44.4

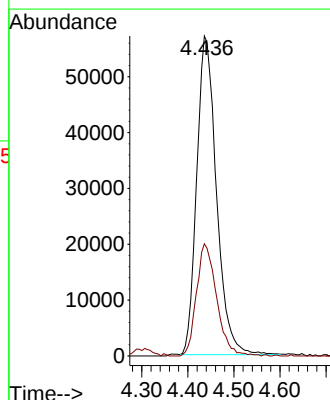
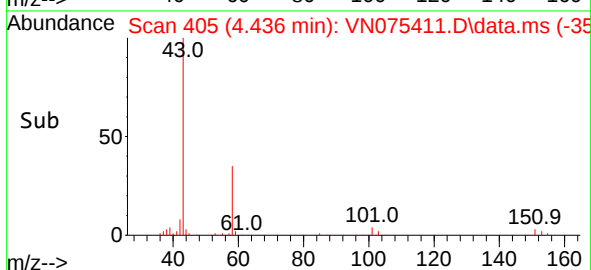
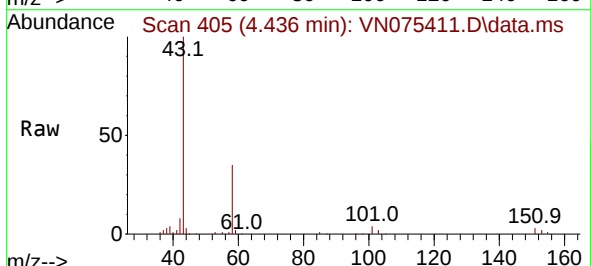
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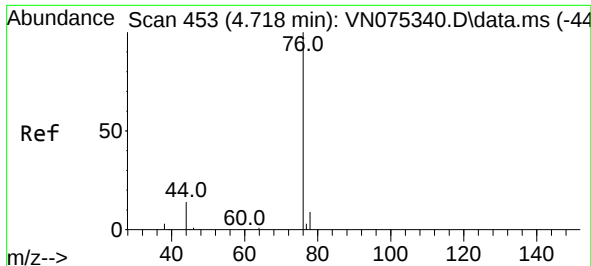
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#16
Acetone
Concen: 187.976 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

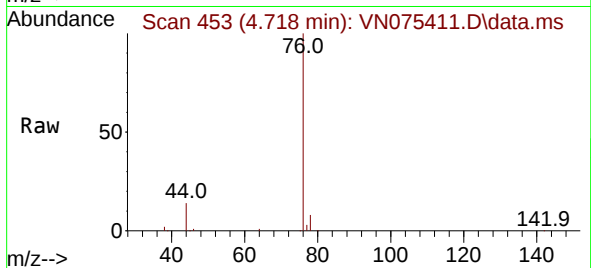
Tgt Ion: 43 Resp: 170512
Ion Ratio Lower Upper
43 100
58 35.2 25.5 38.3





#17
Carbon Disulfide
Concen: 43.517 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

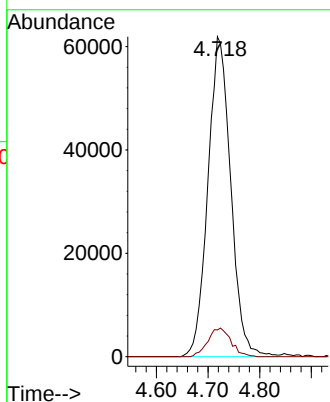
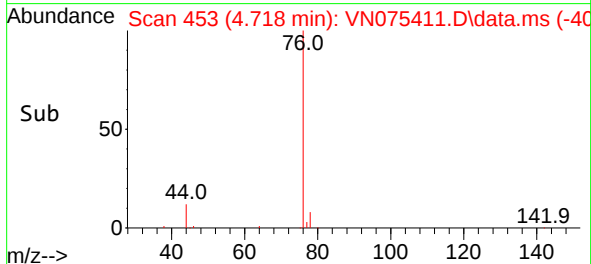
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



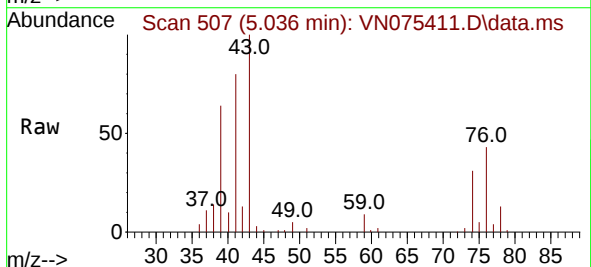
Tgt Ion: 76 Resp: 18974
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2

Manual Integrations
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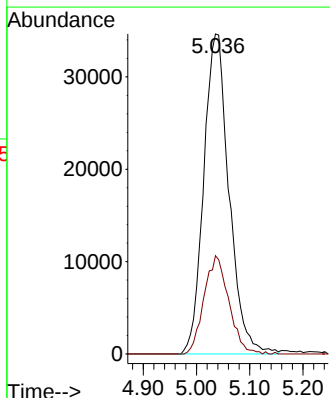
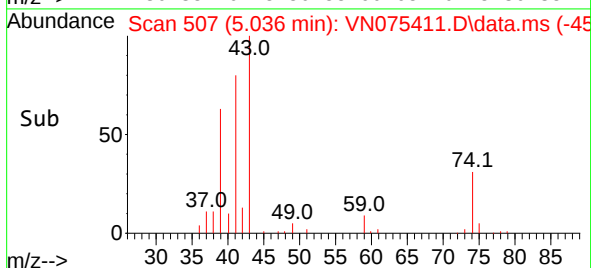
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

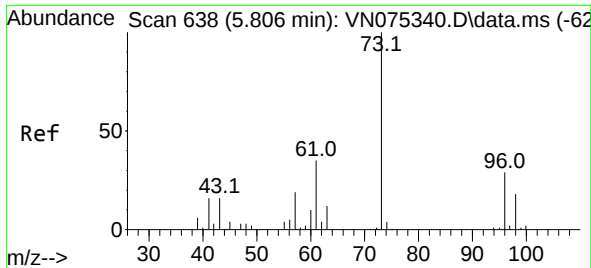


#18
Methyl Acetate
Concen: 50.002 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10



Tgt Ion: 43 Resp: 114344
Ion Ratio Lower Upper
43 100
74 30.0 22.0 33.0





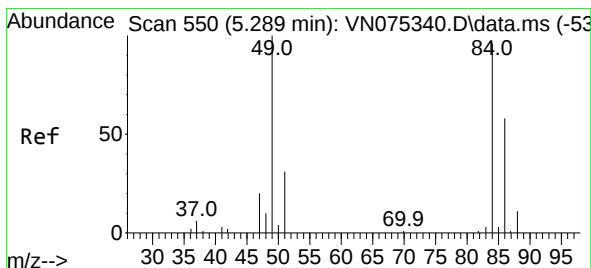
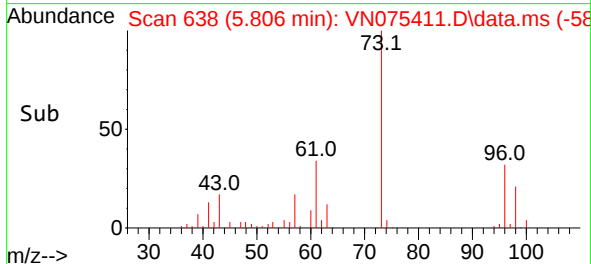
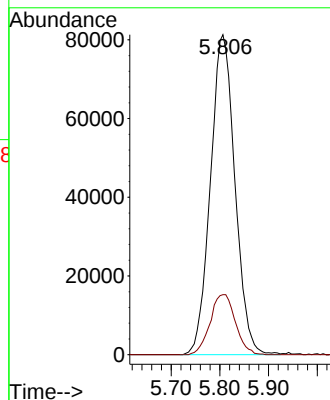
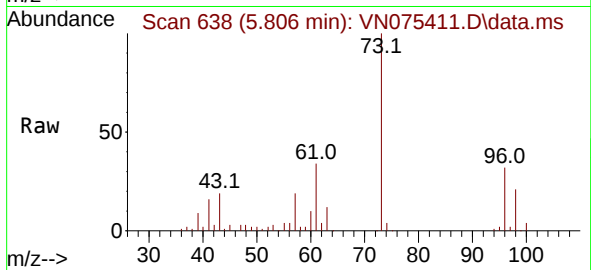
#19
Methyl tert-butyl Ether
Concen: 47.873 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 284520
Ion Ratio Lower Upper
73 100
57 18.8 16.3 24.5

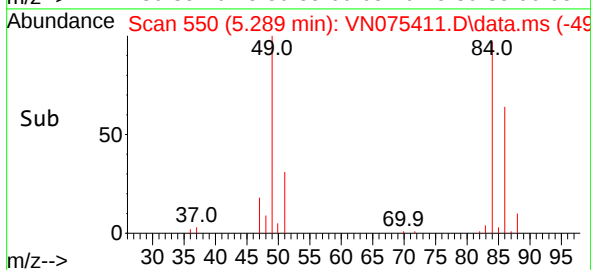
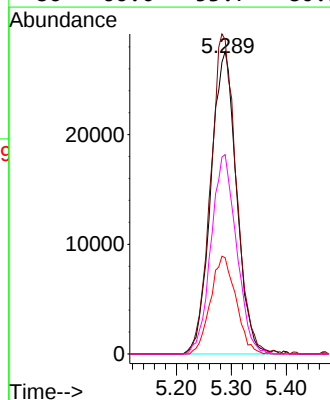
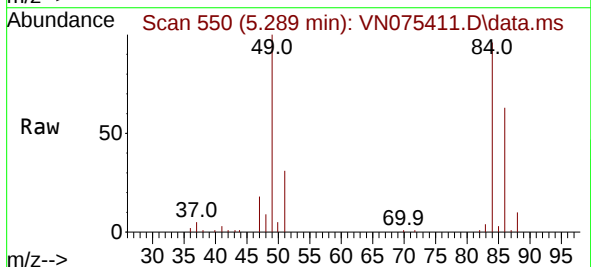
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#20
Methylene Chloride
Concen: 48.681 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

Tgt Ion: 84 Resp: 89608
Ion Ratio Lower Upper
84 100
49 103.9 94.9 142.3
51 31.8 26.8 40.2
86 66.0 53.7 80.5





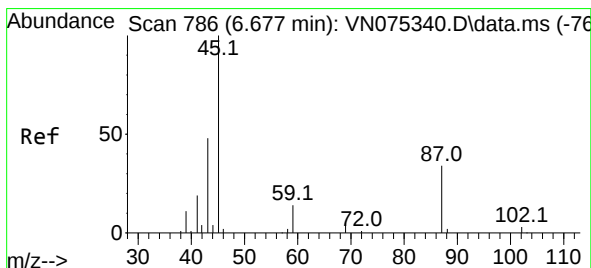
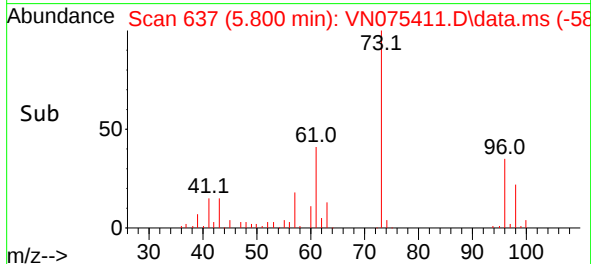
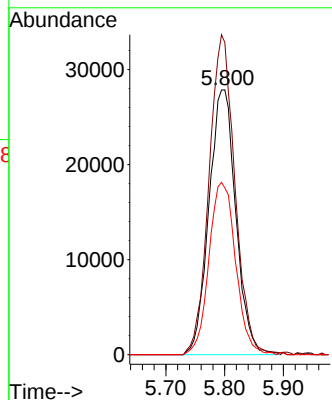
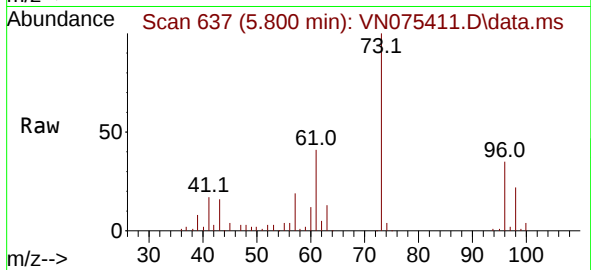
#21
trans-1,2-Dichloroethene
Concen: 46.265 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 88458
Ion Ratio Lower Upper
96 100
61 117.9 99.9 149.9
98 62.9 51.5 77.3

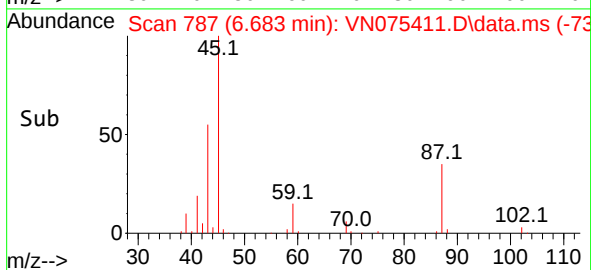
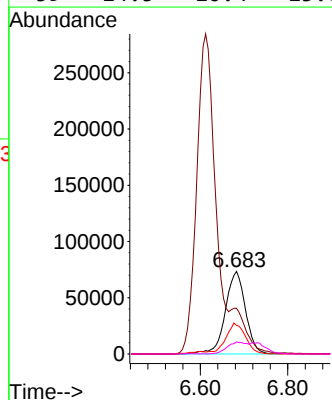
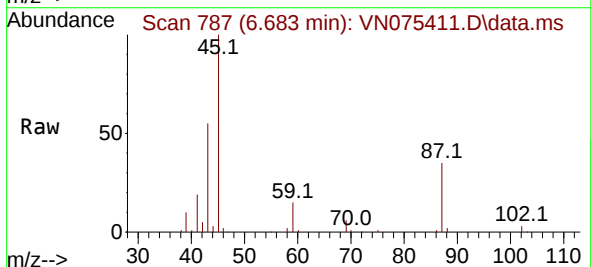
Manual Integrations
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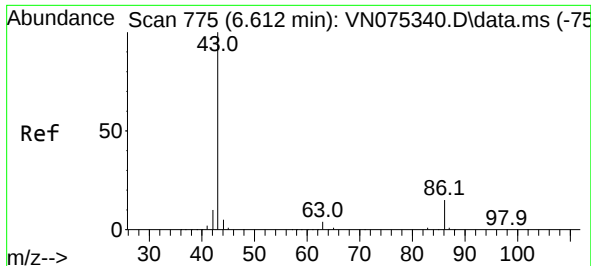
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#22
Diisopropyl ether
Concen: 47.277 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.006 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

Tgt Ion: 45 Resp: 234129
Ion Ratio Lower Upper
45 100
43 54.3 42.8 64.2
87 34.8 28.4 42.6
59 14.5 10.4 15.6





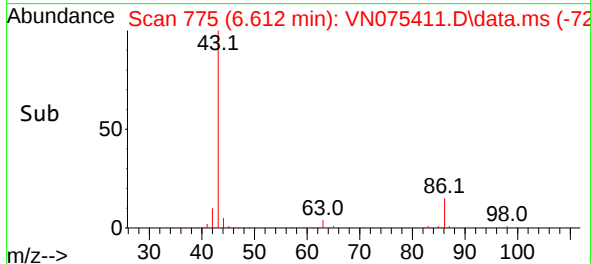
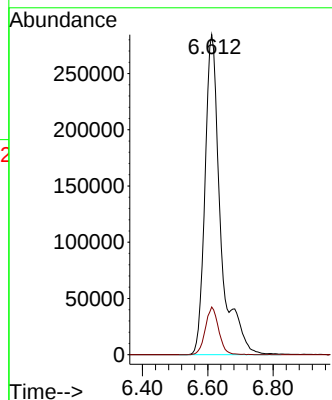
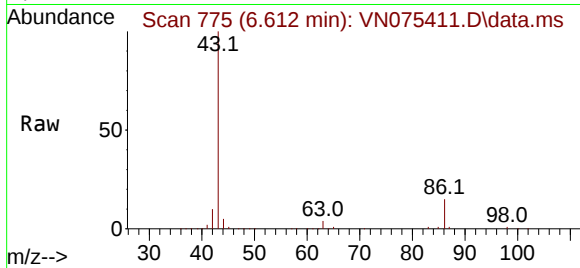
#23
 Vinyl Acetate
 Concen: 239.236 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075411.D
 Acq: 23 Nov 2022 21:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 94255
 Ion Ratio Lower Upper
 43 100
 86 14.9 10.7 16.1

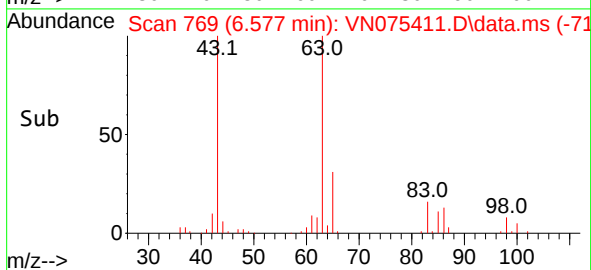
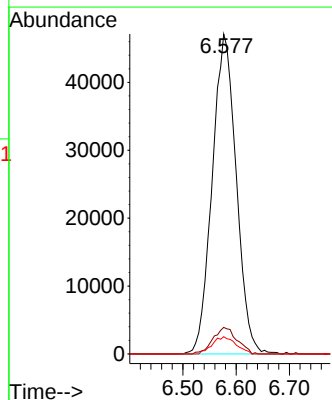
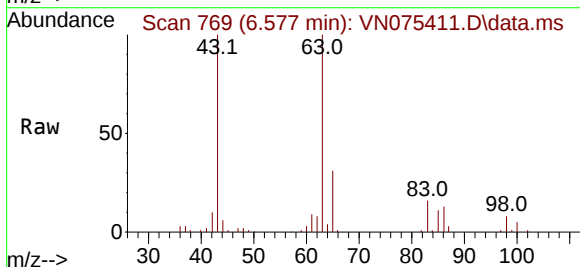
Manual Integrations
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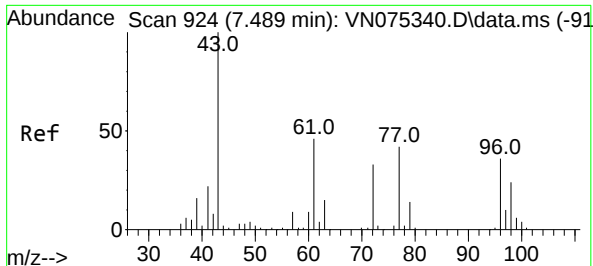
Reviewed By :John Carlone 11/25/2022
 Supervised By :Mahesh Dadoda 11/28/2022



#24
 1,1-Dichloroethane
 Concen: 46.468 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075411.D
 Acq: 23 Nov 2022 21:10

Tgt Ion: 63 Resp: 147709
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.6 10.8
 100 5.4 2.4 7.2





#25

2-Butanone

Concen: 223.592 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.001 min

Lab File: VN075411.D

Acq: 23 Nov 2022 21:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 28316

Ion Ratio Lower Upper

43 100

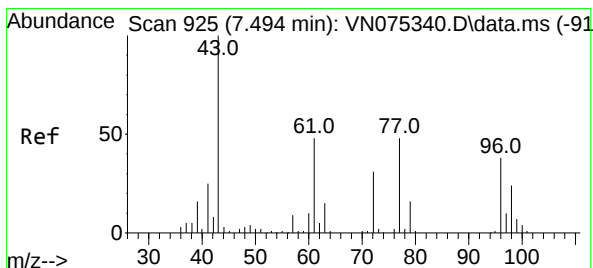
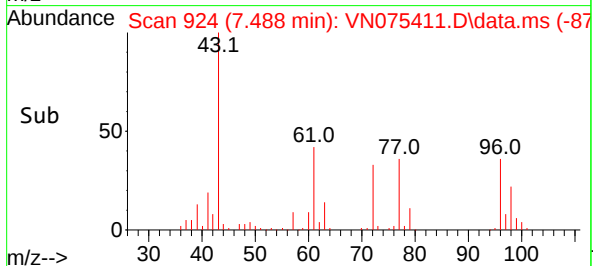
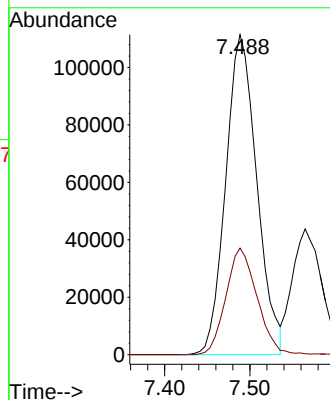
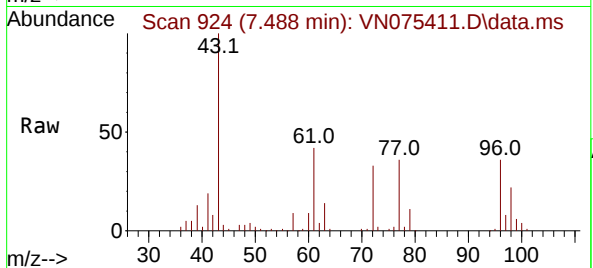
72 33.3 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#26

2,2-Dichloropropane

Concen: 43.286 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN075411.D

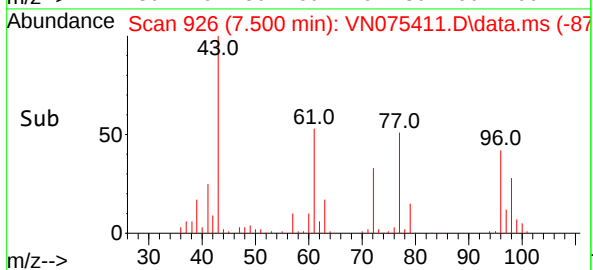
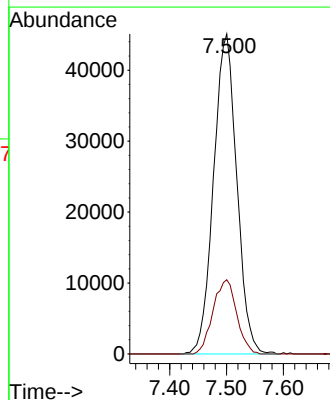
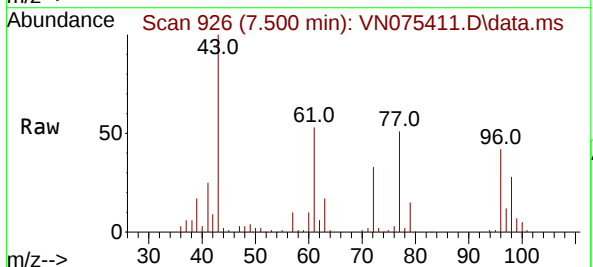
Acq: 23 Nov 2022 21:10

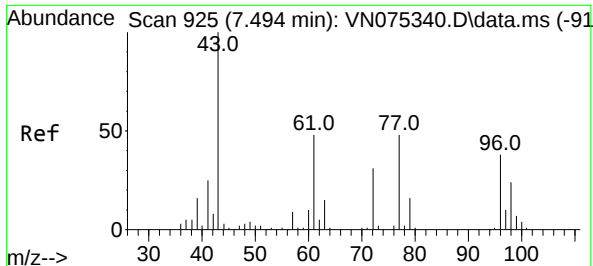
Tgt Ion: 77 Resp: 127879

Ion Ratio Lower Upper

77 100

97 23.7 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 48.415 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075411.D

Acq: 23 Nov 2022 21:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 104674

Ion Ratio Lower Upper

96 100

61 125.9 0.0 278.8

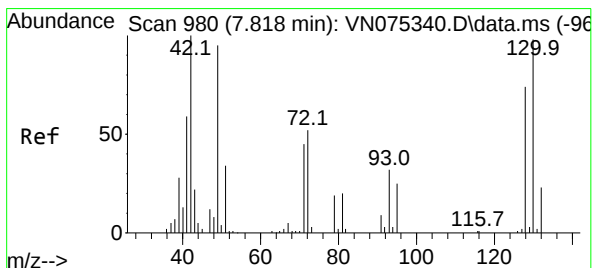
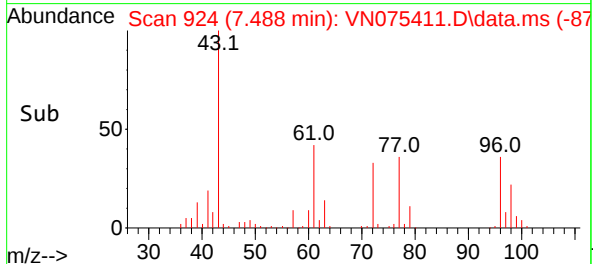
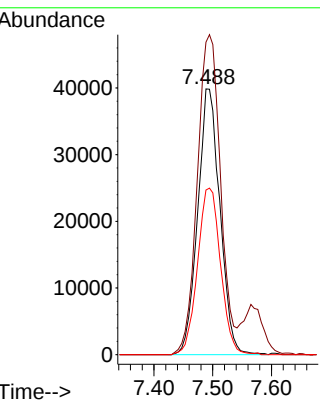
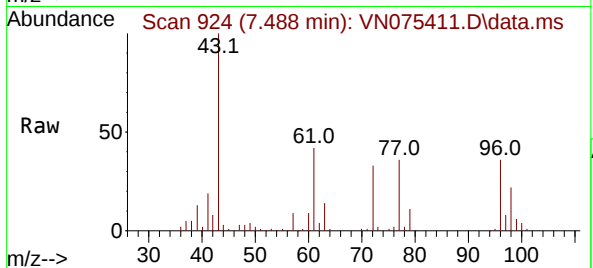
98 65.0 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#28

Bromochloromethane

Concen: 45.608 ug/l

RT: 7.818 min Scan# 980

Delta R.T. -0.000 min

Lab File: VN075411.D

Acq: 23 Nov 2022 21:10

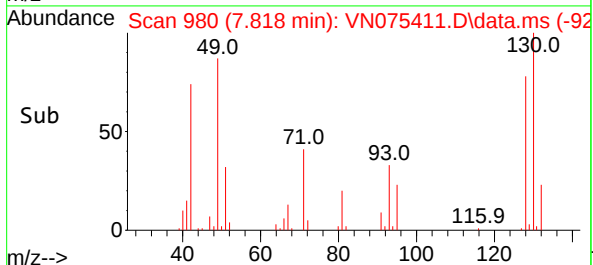
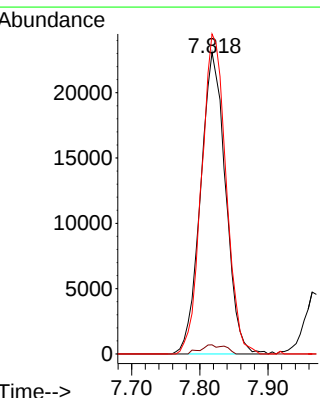
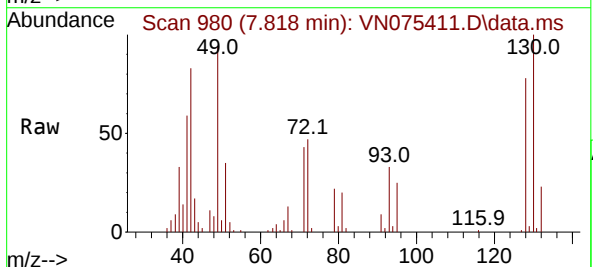
Tgt Ion: 49 Resp: 58848

Ion Ratio Lower Upper

49 100

129 3.0 0.0 4.6

130 103.8 66.2 99.4#





#29

Tetrahydrofuran

Concen: 238.833 ug/l

RT: 7.841 min Scan# 984

Delta R.T. 0.000 min

Lab File: VN075411.D

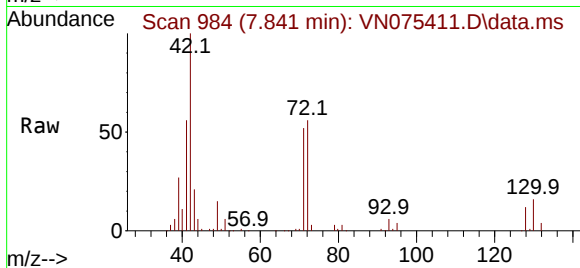
Acq: 23 Nov 2022 21:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



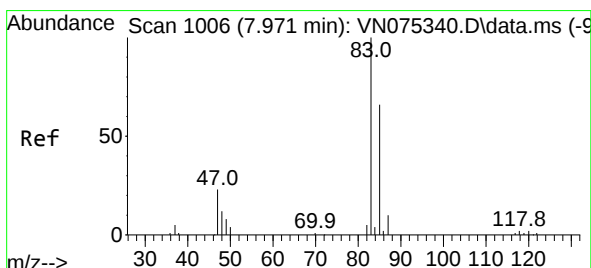
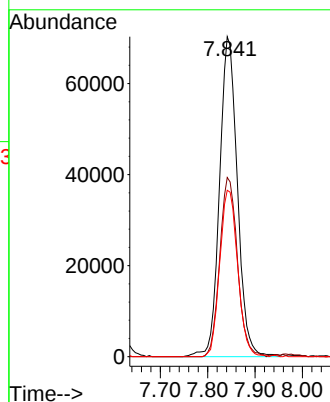
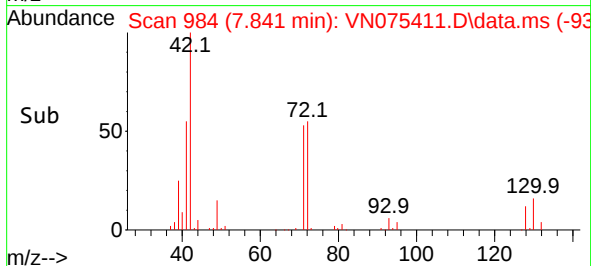
Tgt Ion:	42	Resp:	183978
Ion Ratio	Lower	Upper	
42	100		
72	55.6	43.0	64.6
71	52.1	39.9	59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#30

Chloroform

Concen: 46.165 ug/l

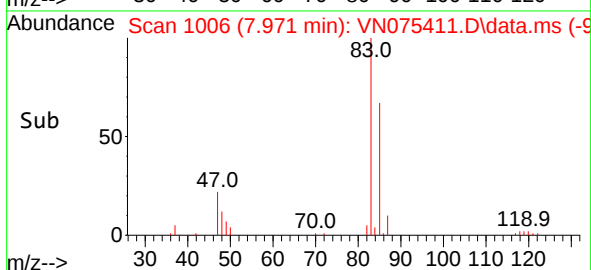
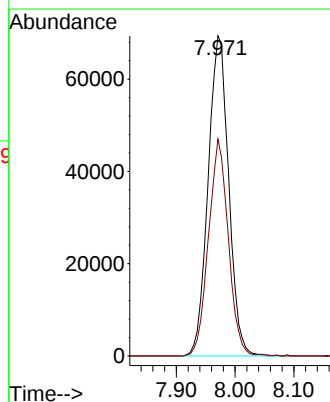
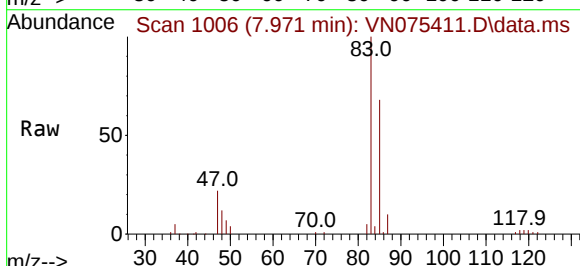
RT: 7.971 min Scan# 1006

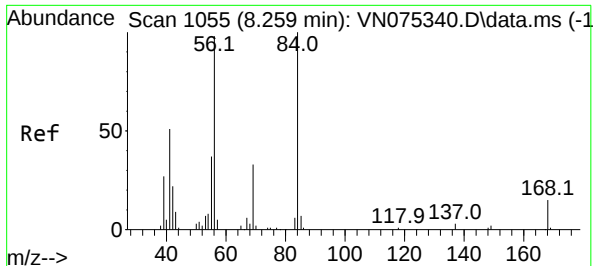
Delta R.T. -0.000 min

Lab File: VN075411.D

Acq: 23 Nov 2022 21:10

Tgt Ion:	83	Resp:	168519
Ion Ratio	Lower	Upper	
83	100		
85	67.7	51.4	77.0





#31

Cyclohexane

Concen: 41.467 ug/l

RT: 8.265 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN075411.D

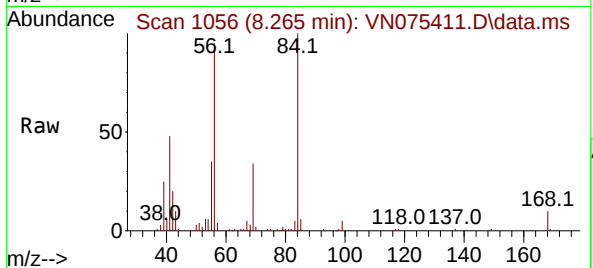
Acq: 23 Nov 2022 21:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 56 Resp: 12812

Ion Ratio Lower Upper

56 100

69 35.7 25.2 37.8

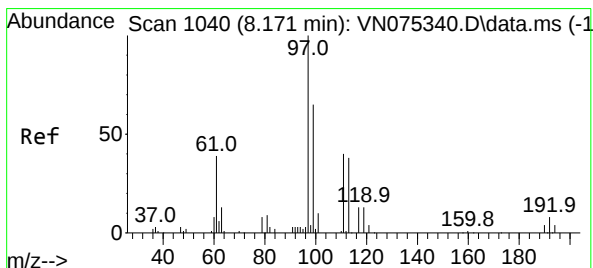
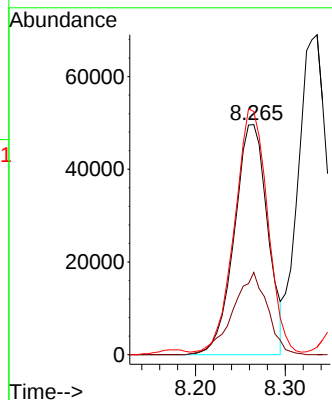
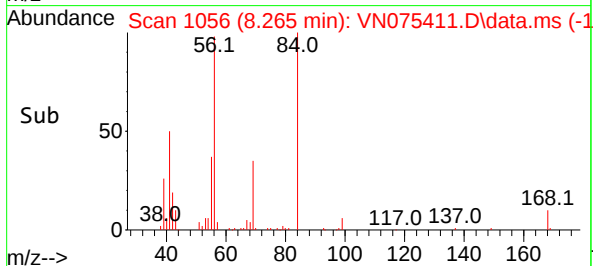
84 103.6 77.8 116.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#32

1,1,1-Trichloroethane

Concen: 47.538 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075411.D

Acq: 23 Nov 2022 21:10

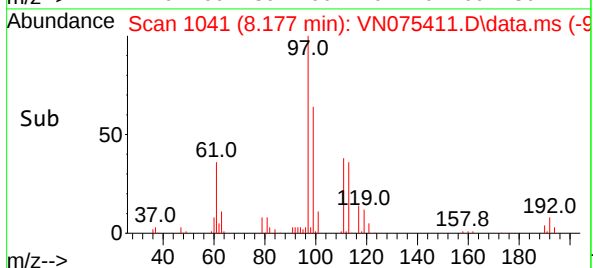
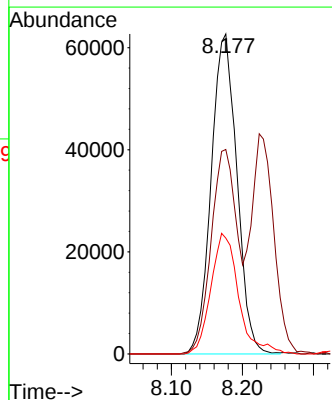
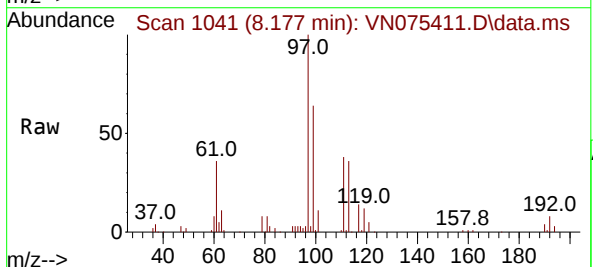
Tgt Ion: 97 Resp: 157562

Ion Ratio Lower Upper

97 100

99 64.0 50.2 75.2

61 40.7 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 45.520 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075411.D

Acq: 23 Nov 2022 21:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 44268

Ion Ratio Lower Upper

65 100

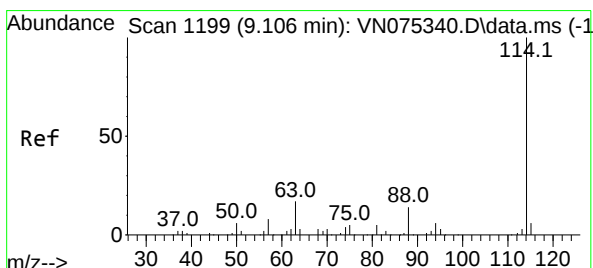
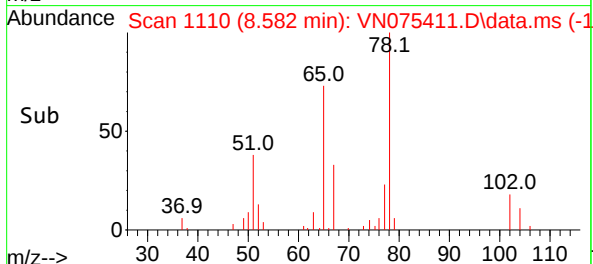
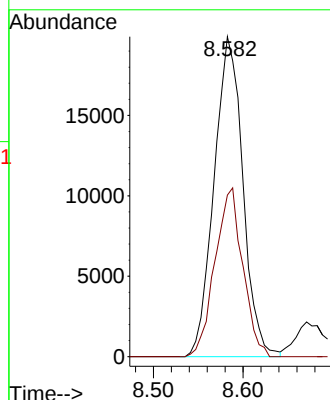
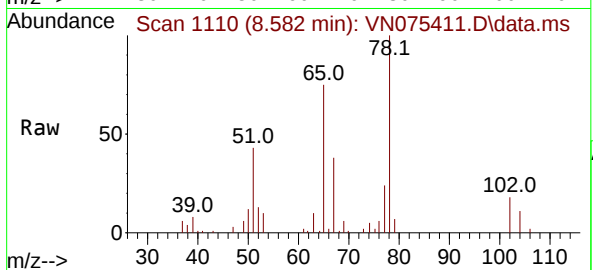
67 50.9 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075411.D

Acq: 23 Nov 2022 21:10

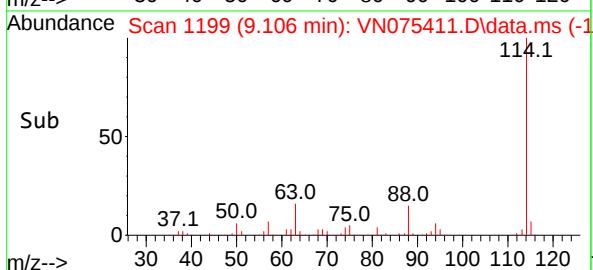
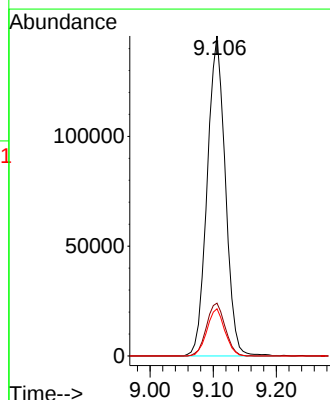
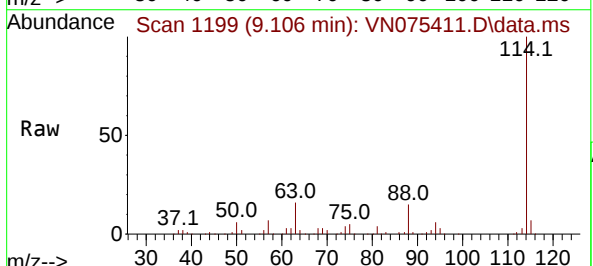
Tgt Ion:114 Resp: 290079

Ion Ratio Lower Upper

114 100

63 16.5 0.0 39.6

88 14.8 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.877 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075411.D

Acq: 23 Nov 2022 21:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 56830

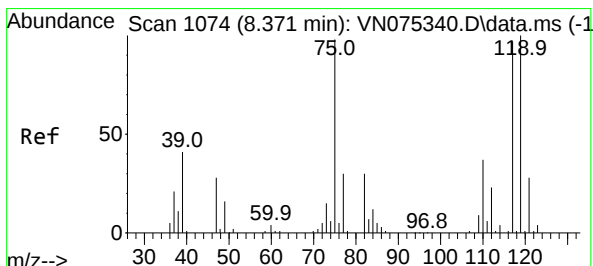
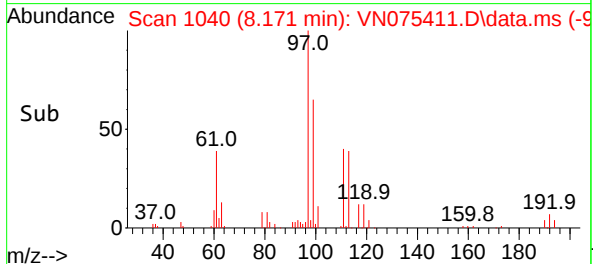
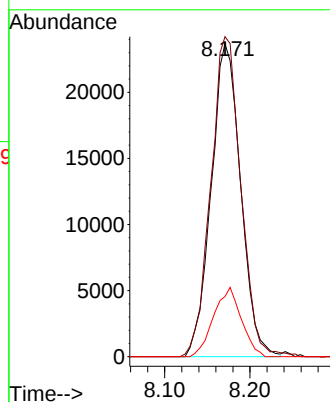
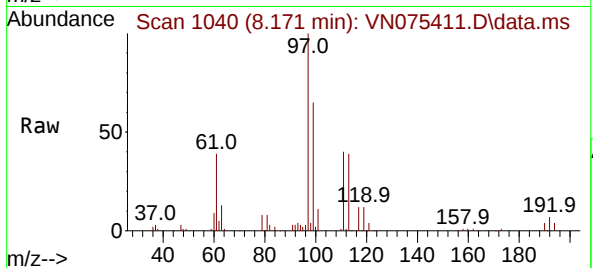
Ion	Ratio	Lower	Upper
113	100		
111	104.0	80.5	120.7
192	20.8	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#36

1,1-Dichloropropene

Concen: 48.721 ug/l

RT: 8.377 min Scan# 1075

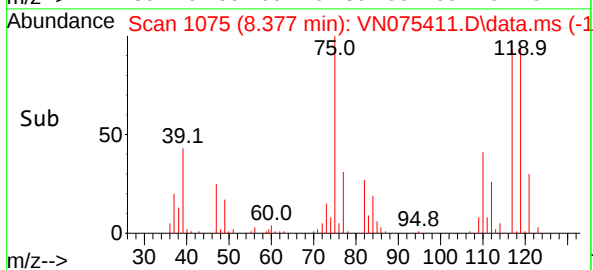
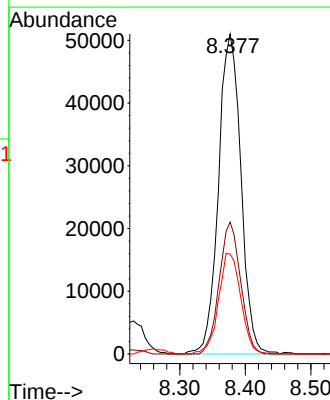
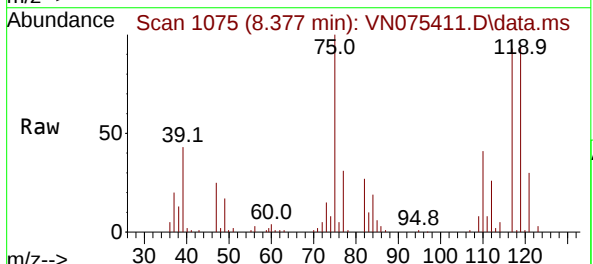
Delta R.T. 0.006 min

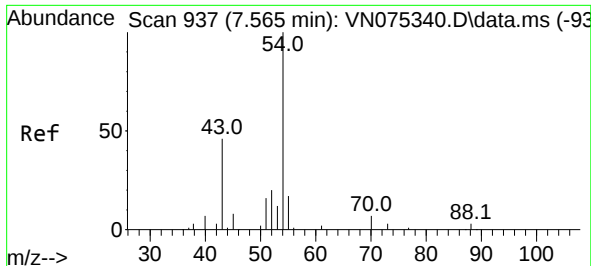
Lab File: VN075411.D

Acq: 23 Nov 2022 21:10

Tgt Ion: 75 Resp: 121073

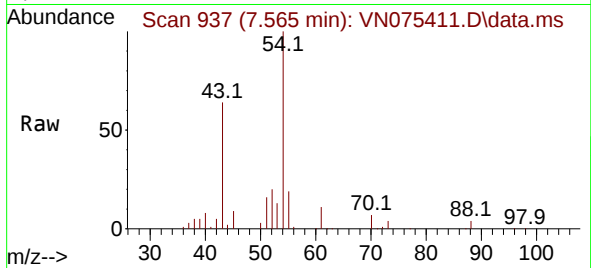
Ion	Ratio	Lower	Upper
75	100		
110	39.2	17.8	53.3
77	31.1	24.6	37.0





#37
Ethyl Acetate
Concen: 48.468 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

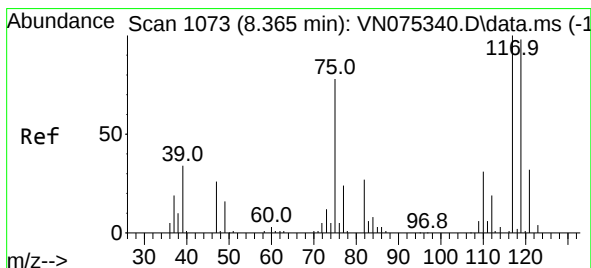
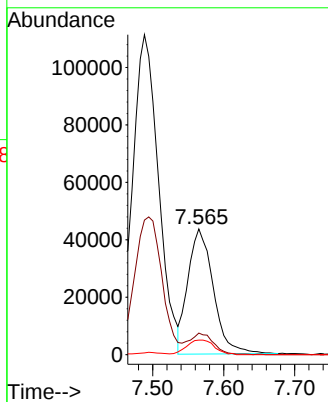
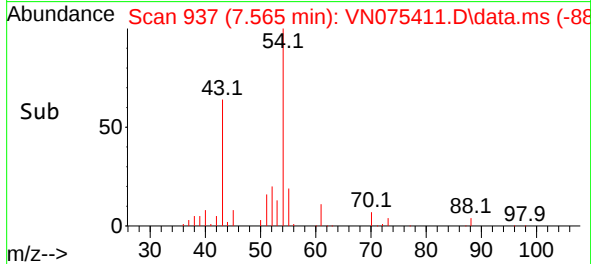
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 108452
Ion Ratio Lower Upper
43 100
61 16.4 12.2 18.4
70 12.7 9.4 14.2

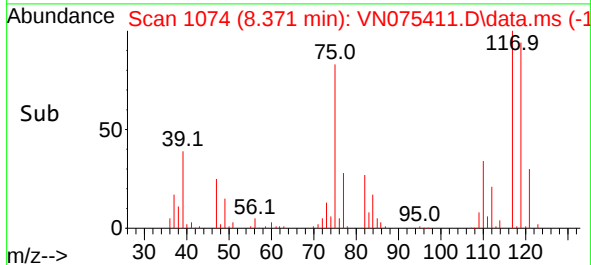
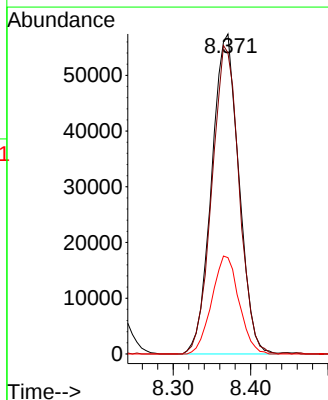
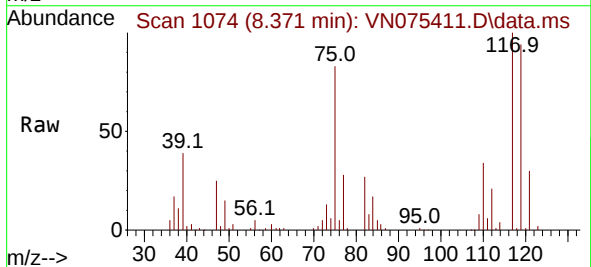
Manual Integrations
APPROVED

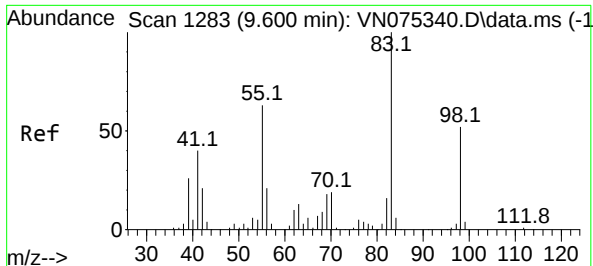
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#38
Carbon Tetrachloride
Concen: 51.471 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

Tgt Ion:117 Resp: 140509
Ion Ratio Lower Upper
117 100
119 94.1 76.7 115.1
121 30.1 23.9 35.9





#39

Methylcyclohexane

Concen: 50.647 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.006 min

Lab File: VN075411.D

Acq: 23 Nov 2022 21:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 157519

Ion Ratio Lower Upper

83 100

55 62.5 53.6 80.4

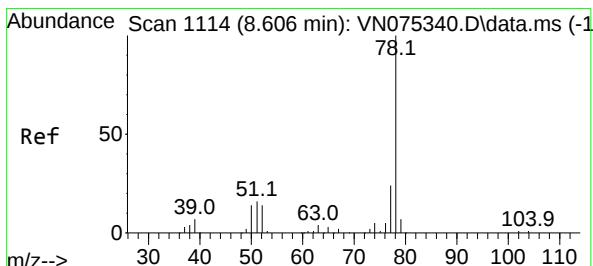
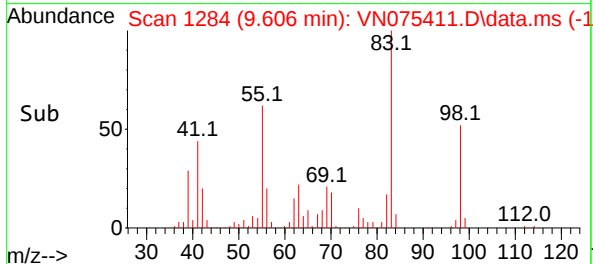
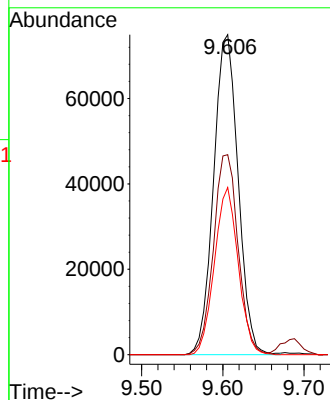
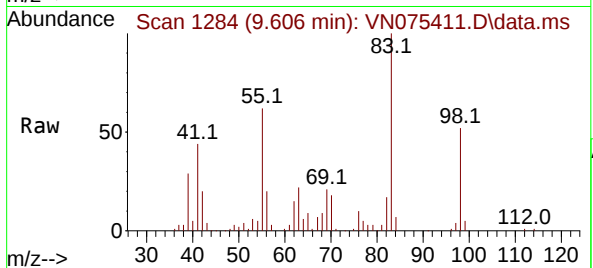
98 52.2 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#40

Benzene

Concen: 48.937 ug/l

RT: 8.606 min Scan# 1114

Delta R.T. 0.000 min

Lab File: VN075411.D

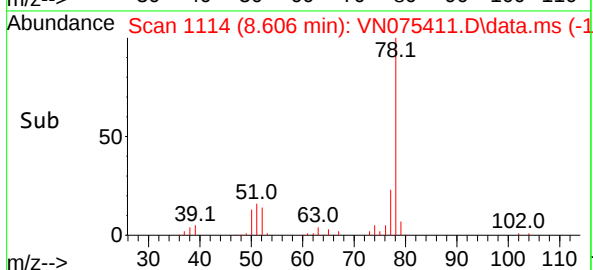
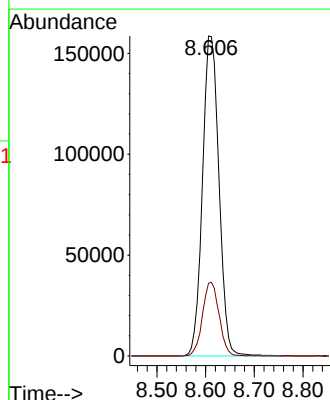
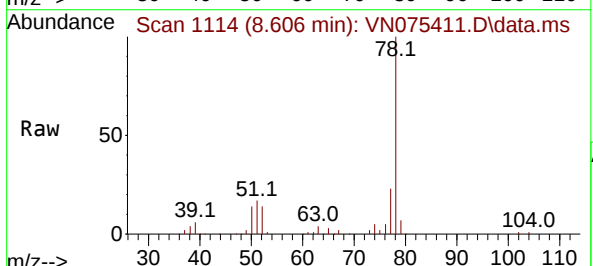
Acq: 23 Nov 2022 21:10

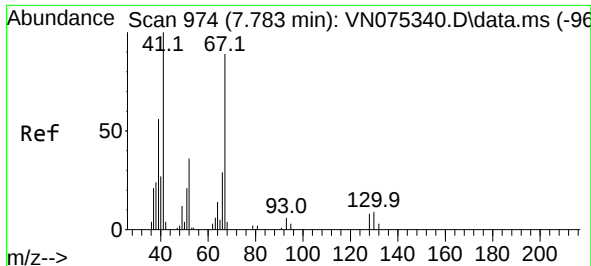
Tgt Ion: 78 Resp: 372336

Ion Ratio Lower Upper

78 100

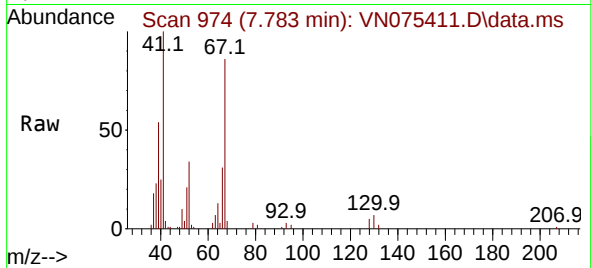
77 22.7 19.4 29.0





#41
Methacrylonitrile
Concen: 51.618 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

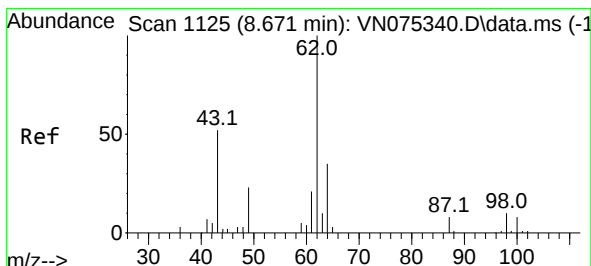
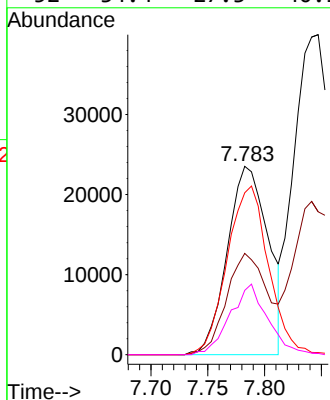
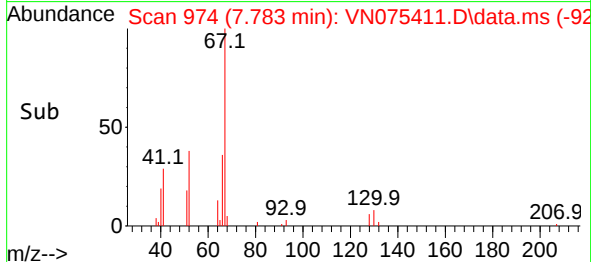
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



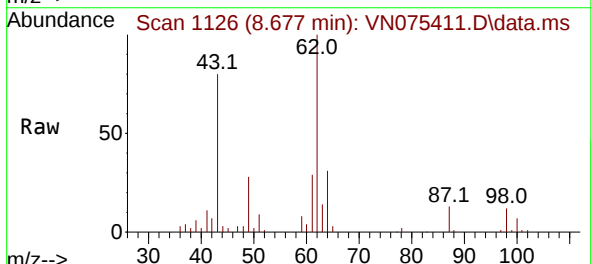
Tgt Ion: 41 Resp: 59050
Ion Ratio Lower Upper
41 100
39 54.1 44.4 66.6
67 90.8 69.8 104.6
52 34.4 27.3 40.9

Manual Integrations
APPROVED

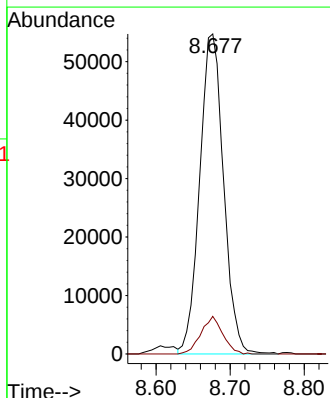
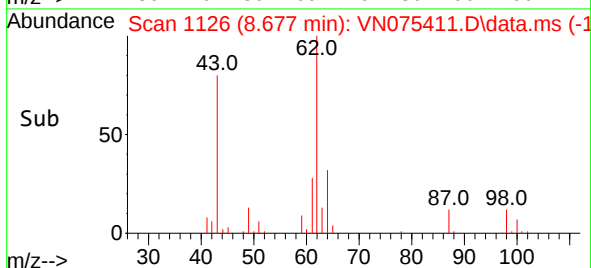
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

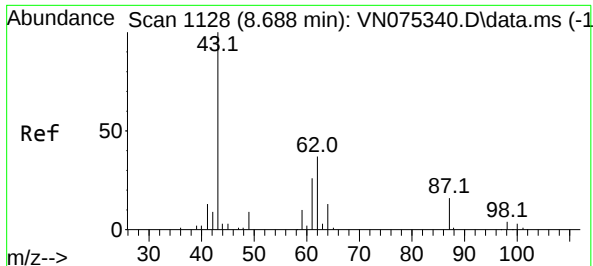


#42
1,2-Dichloroethane
Concen: 48.122 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10



Tgt Ion: 62 Resp: 122624
Ion Ratio Lower Upper
62 100
98 10.7 0.0 18.2





#43

Isopropyl Acetate

Concen: 53.728 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN075411.D

Acq: 23 Nov 2022 21:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

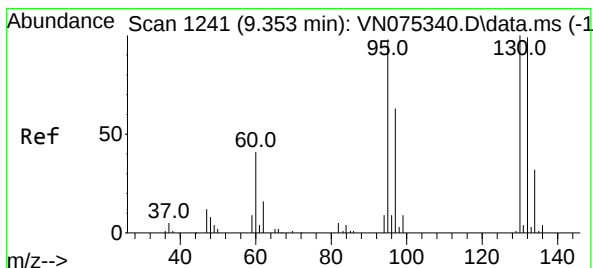
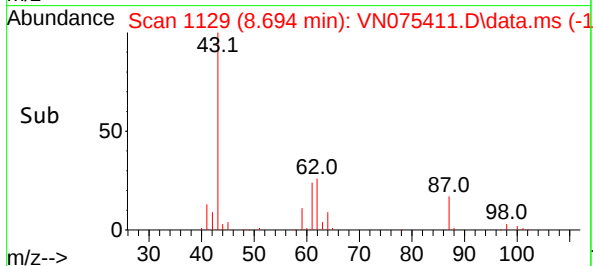
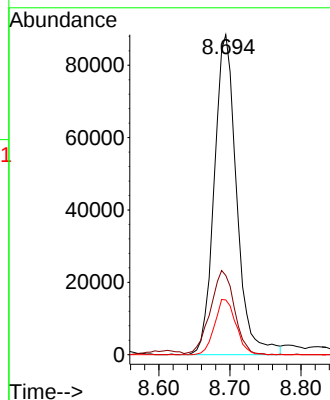
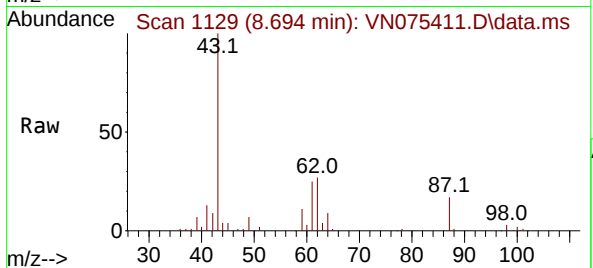
Tgt Ion: 43	Resp: 192970
Ion Ratio	Lower Upper
43	100
61	28.5 22.4 33.6
87	16.5 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#44

Trichloroethene

Concen: 50.740 ug/l

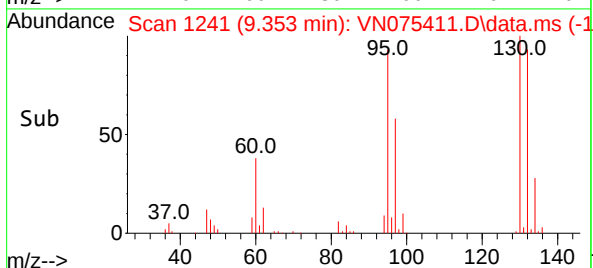
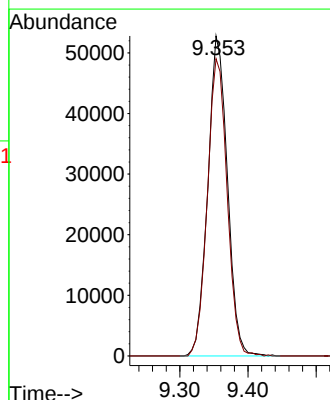
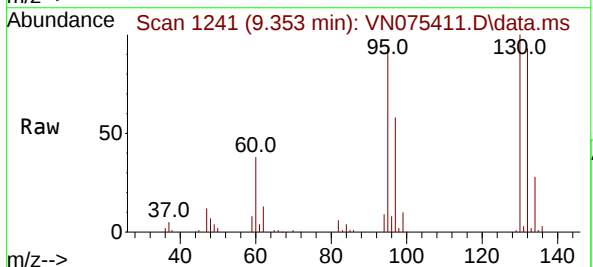
RT: 9.353 min Scan# 1241

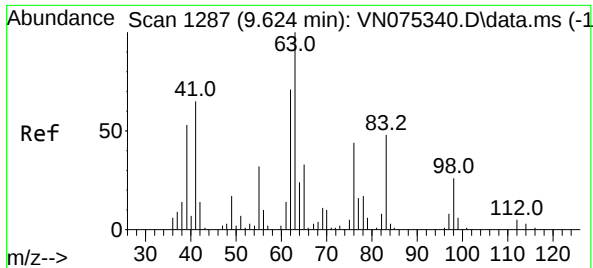
Delta R.T. 0.000 min

Lab File: VN075411.D

Acq: 23 Nov 2022 21:10

Tgt Ion:130	Resp: 105633
Ion Ratio	Lower Upper
130	100
95	92.9 0.0 198.4





#45

1,2-Dichloropropane

Concen: 48.509 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075411.D

Acq: 23 Nov 2022 21:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 8795

Ion Ratio Lower Upper

63 100

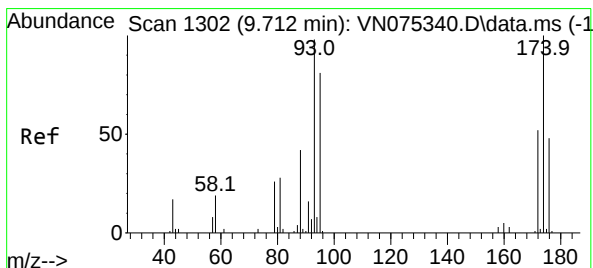
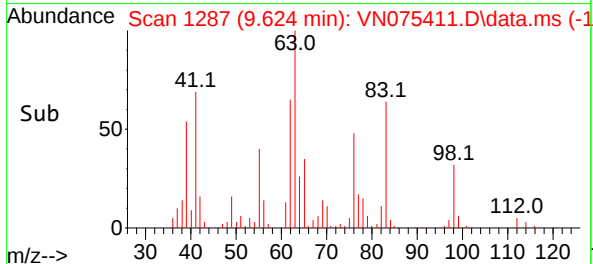
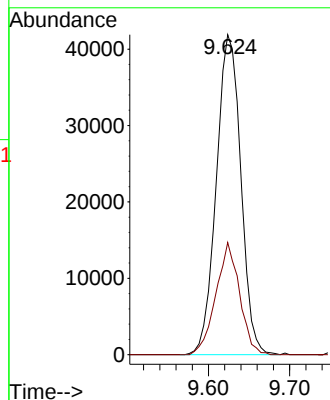
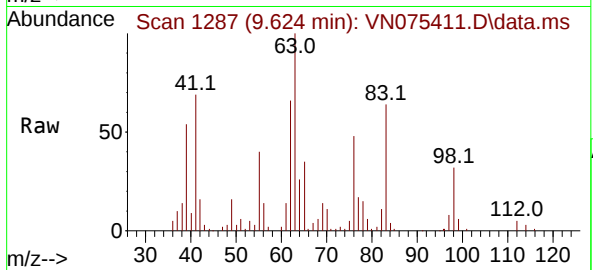
65 35.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#46

Dibromomethane

Concen: 49.539 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075411.D

Acq: 23 Nov 2022 21:10

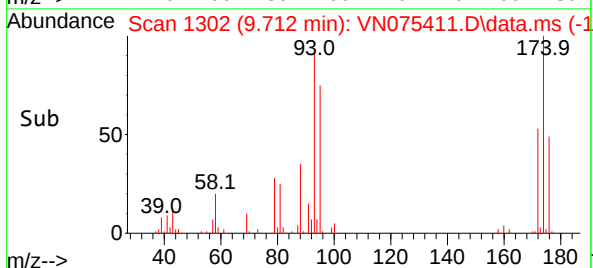
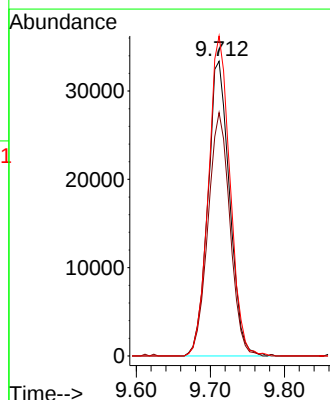
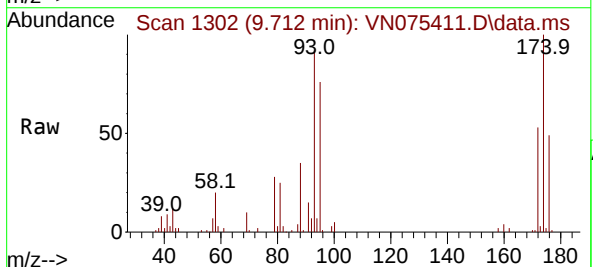
Tgt Ion: 93 Resp: 67939

Ion Ratio Lower Upper

93 100

95 83.1 66.6 99.8

174 107.9 70.3 105.5





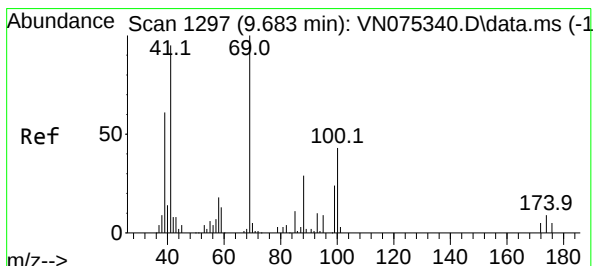
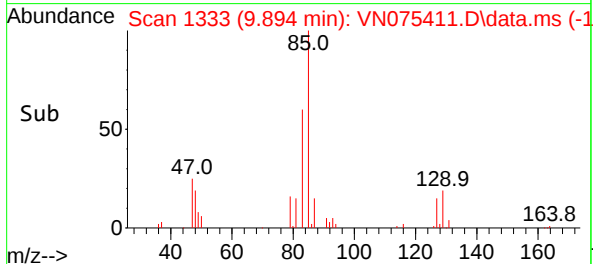
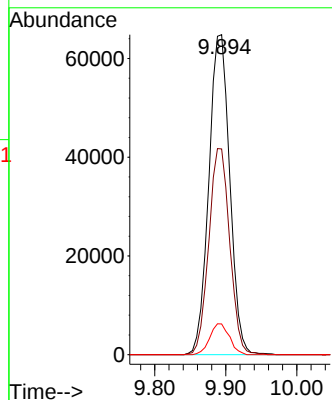
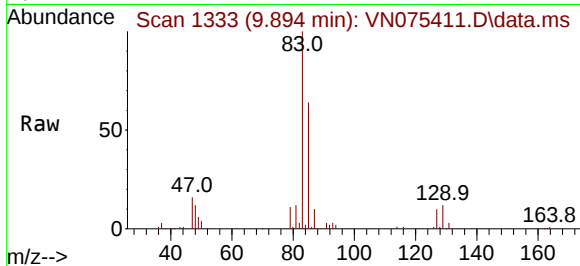
#47
Bromodichloromethane
Concen: 49.955 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 13267
Ion Ratio Lower Upper
83 100
85 64.3 52.1 78.1
127 9.6 6.6 10.0

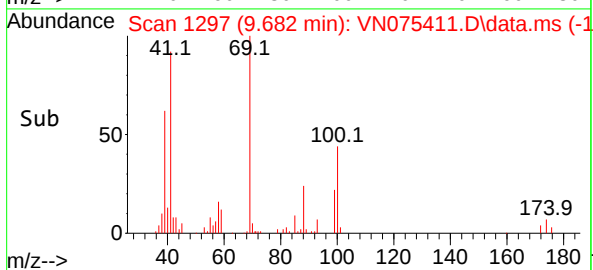
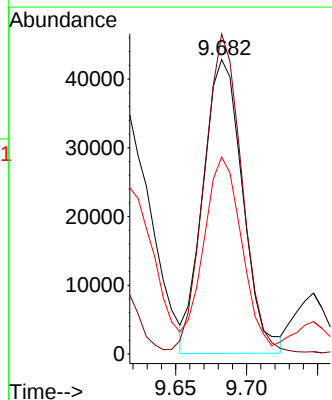
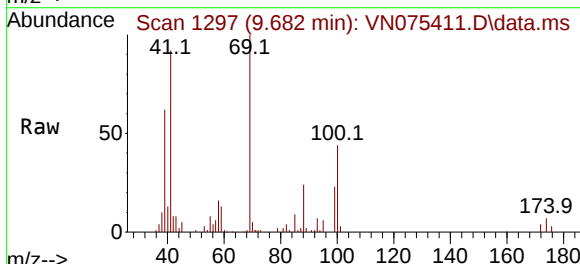
Manual Integrations
APPROVED

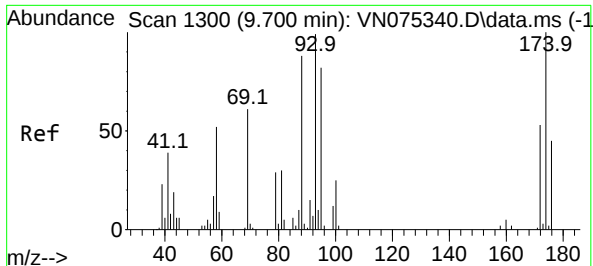
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#48
Methyl methacrylate
Concen: 49.870 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.001 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

Tgt Ion: 41 Resp: 82821
Ion Ratio Lower Upper
41 100
69 104.7 80.2 120.2
39 65.3 56.2 84.2





#49

1,4-Dioxane

Concen: 994.044 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075411.D

Acq: 23 Nov 2022 21:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 4687

Ion Ratio Lower Upper

88 100

43 25.0 17.5 26.3

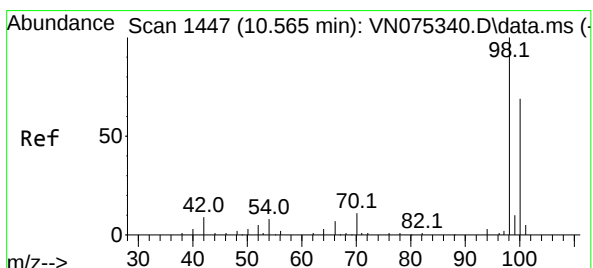
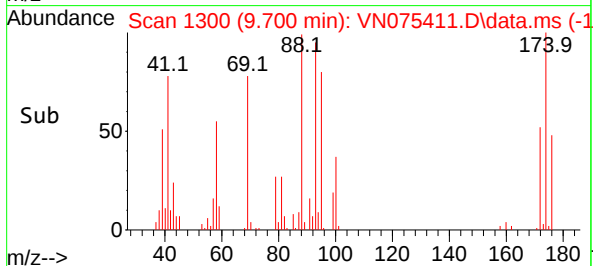
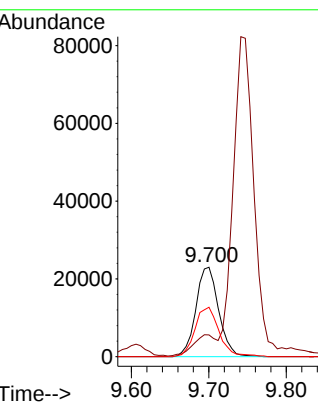
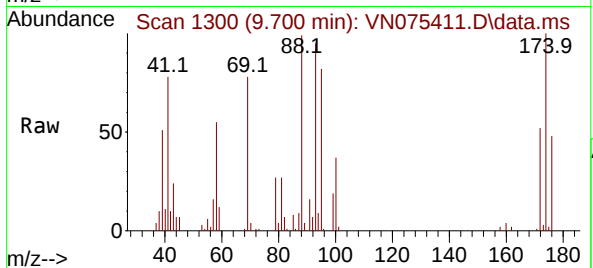
58 59.0 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#50

Toluene-d8

Concen: 50.820 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075411.D

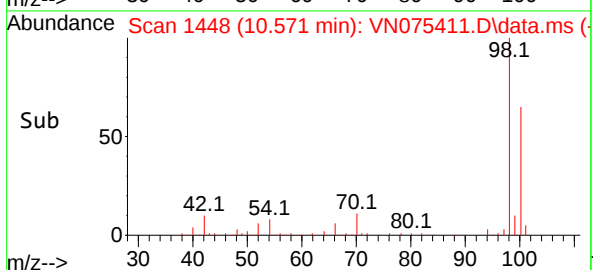
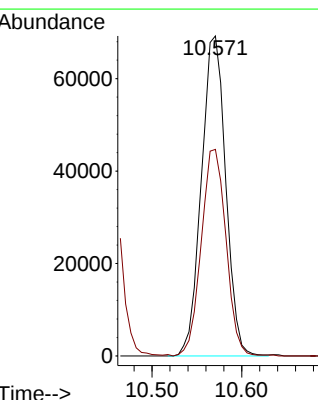
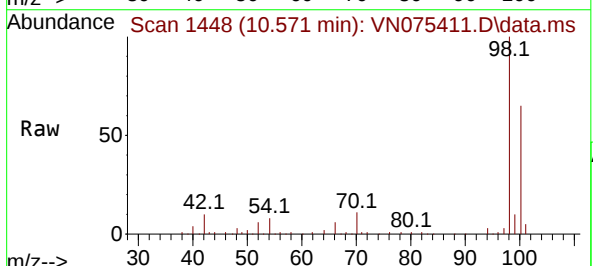
Acq: 23 Nov 2022 21:10

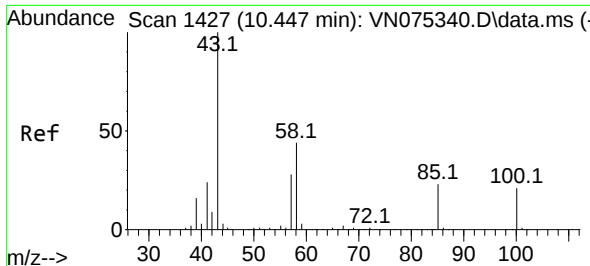
Tgt Ion: 98 Resp: 130432

Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.6





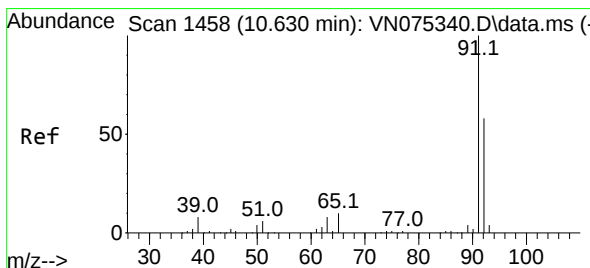
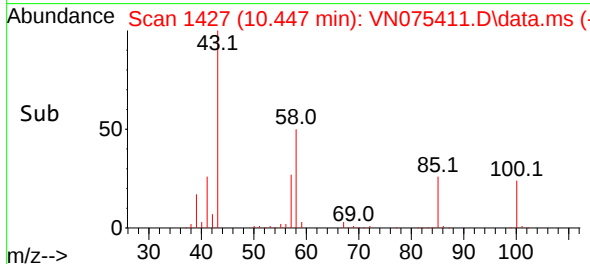
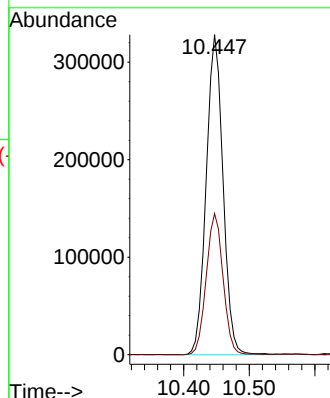
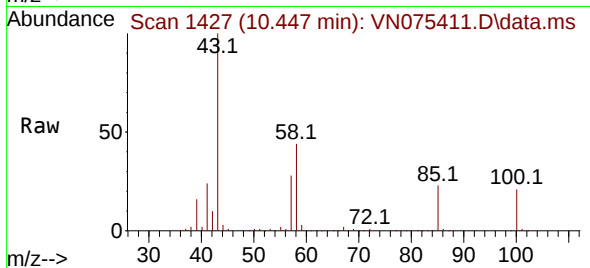
#51
4-Methyl-2-Pentanone
Concen: 256.075 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 585794
Ion Ratio Lower Upper
43 100
58 44.1 33.6 50.4

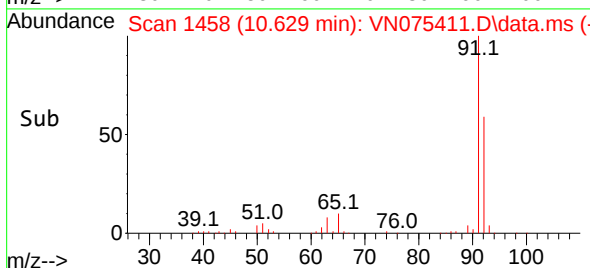
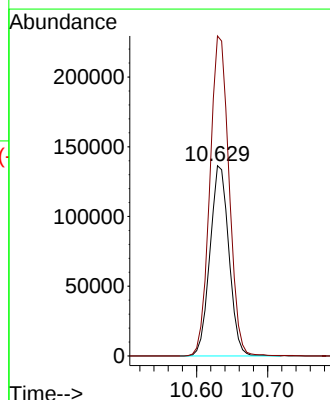
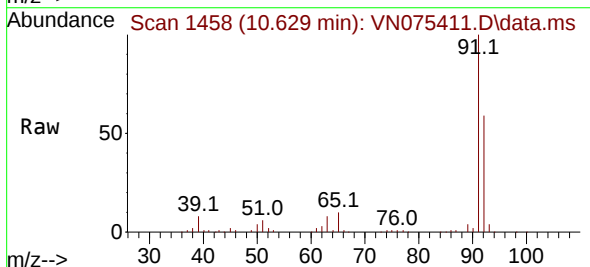
Manual Integrations
APPROVED

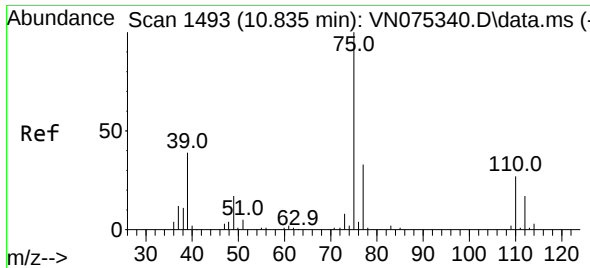
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#52
Toluene
Concen: 51.413 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.001 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

Tgt Ion: 92 Resp: 252075
Ion Ratio Lower Upper
92 100
91 170.6 135.4 203.2





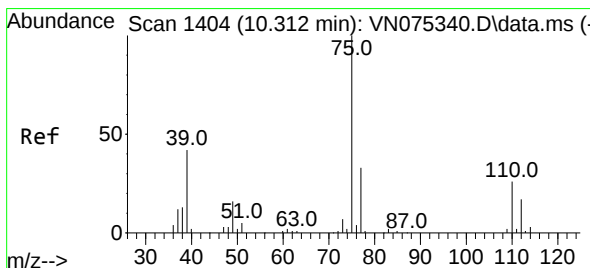
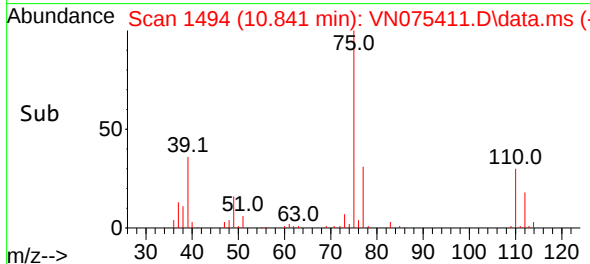
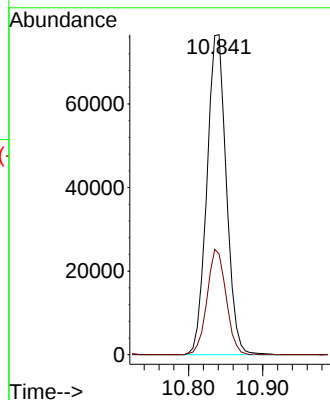
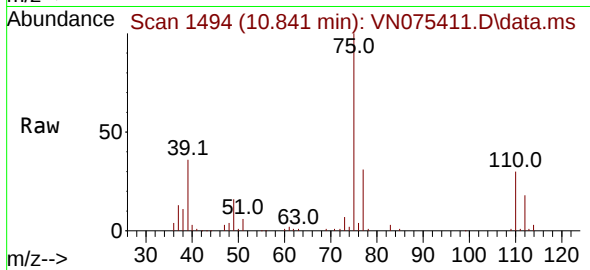
#53
t-1,3-Dichloropropene
Concen: 52.253 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 139318
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2

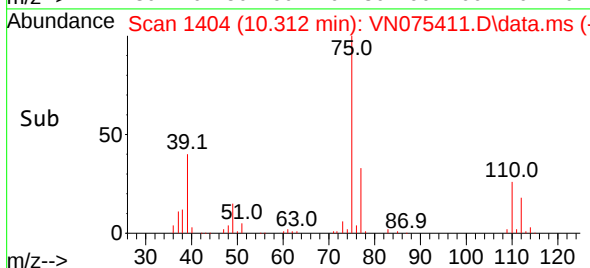
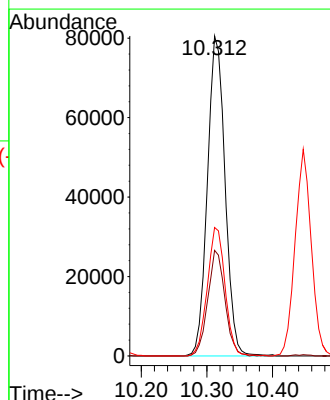
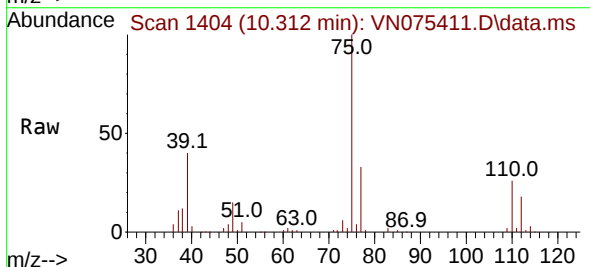
Manual Integrations
APPROVED

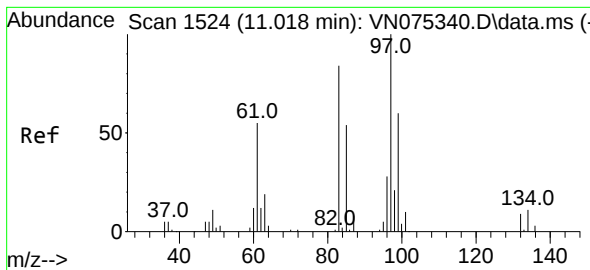
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#54
cis-1,3-Dichloropropene
Concen: 52.154 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

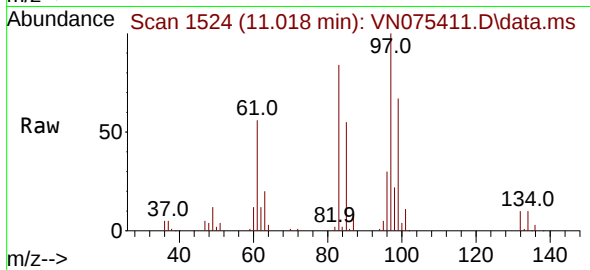
Tgt Ion: 75 Resp: 151027
Ion Ratio Lower Upper
75 100
77 33.0 23.7 35.5
39 40.2 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 50.529 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

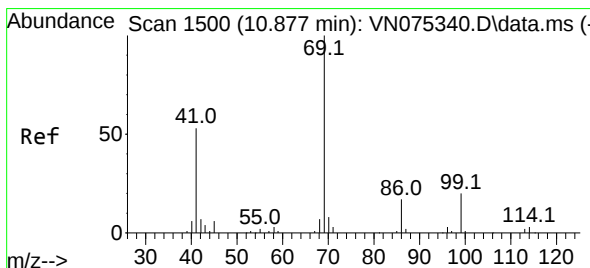
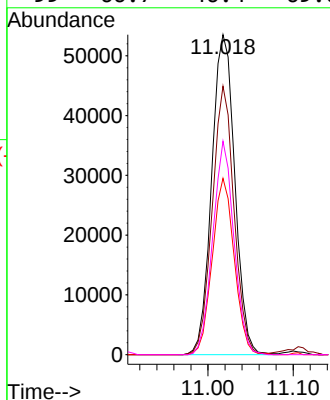
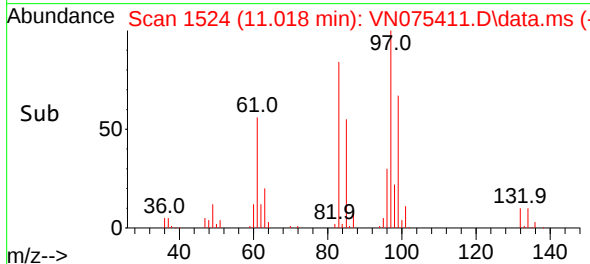
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



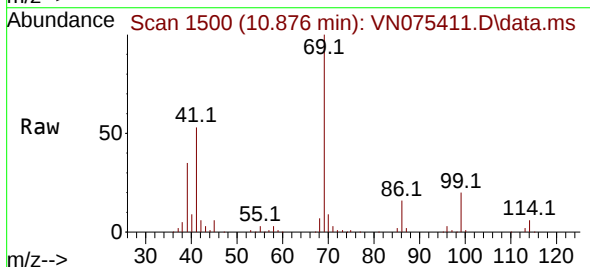
Tgt Ion: 97 Resp: 10090
Ion Ratio Lower Upper
97 100
83 83.9 65.9 98.9
85 55.1 40.4 60.6
99 66.7 46.4 69.6

Manual Integrations
APPROVED

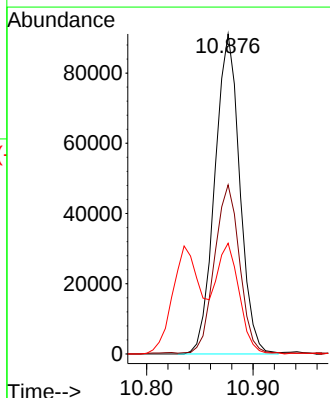
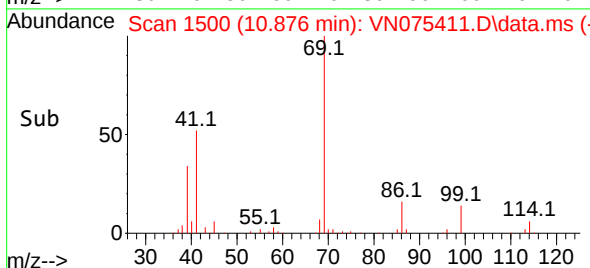
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

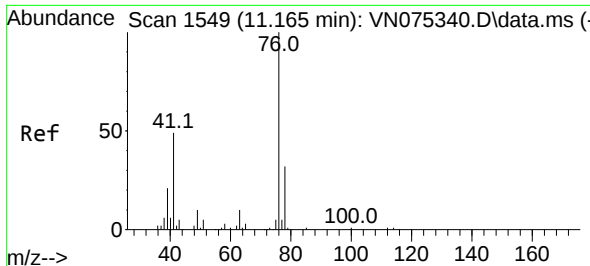


#56
Ethyl methacrylate
Concen: 54.905 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10



Tgt Ion: 69 Resp: 148070
Ion Ratio Lower Upper
69 100
41 52.7 45.6 68.4
39 31.5 28.5 42.7





#57

1,3-Dichloropropane

Concen: 49.121 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075411.D

Acq: 23 Nov 2022 21:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 15994

Ion Ratio Lower Upper

76 100

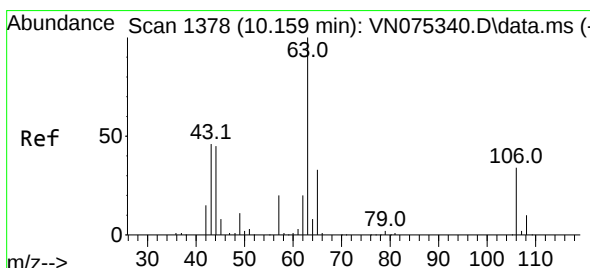
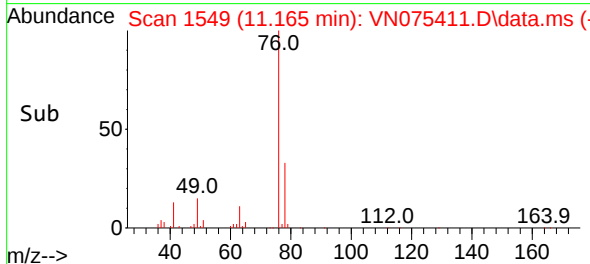
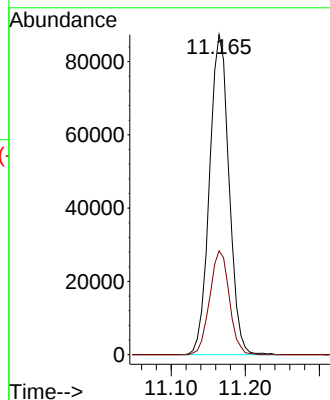
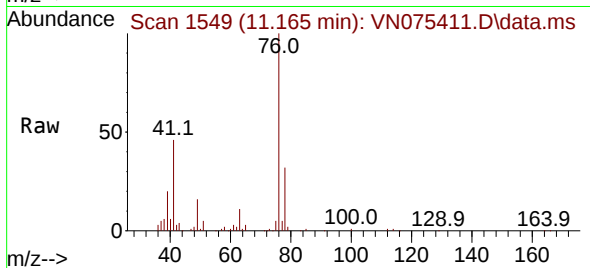
78 32.5 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#58

2-Chloroethyl Vinyl ether

Concen: 280.934 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.006 min

Lab File: VN075411.D

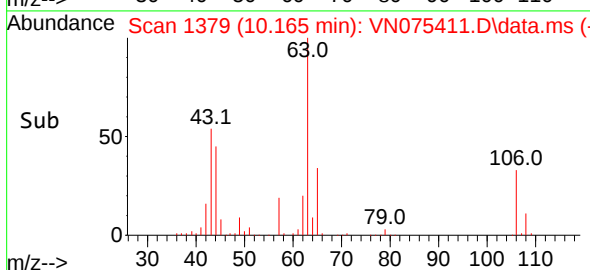
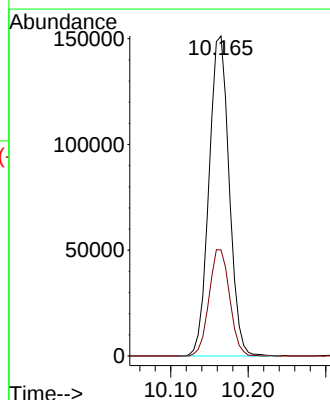
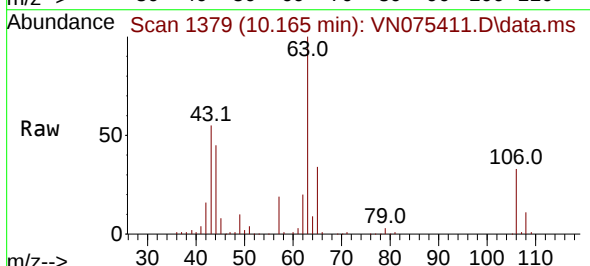
Acq: 23 Nov 2022 21:10

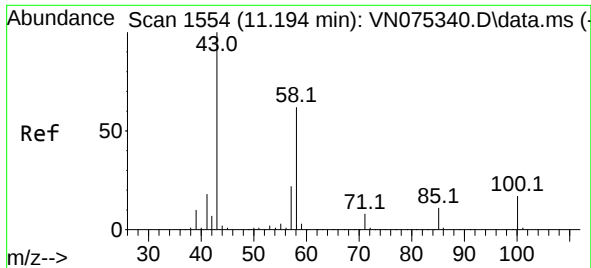
Tgt Ion: 63 Resp: 273243

Ion Ratio Lower Upper

63 100

106 33.8 24.8 37.2





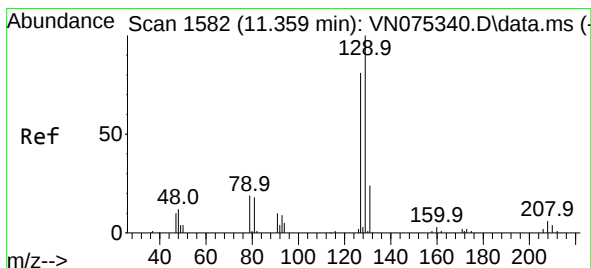
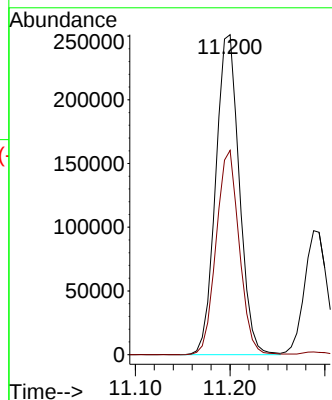
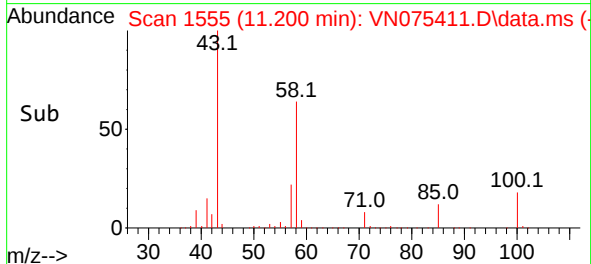
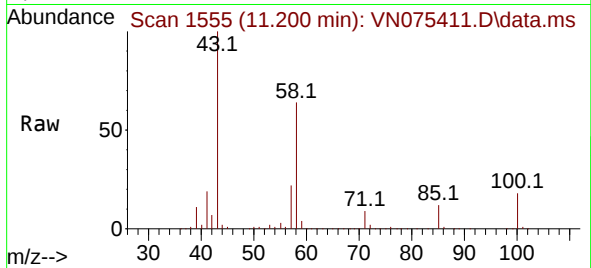
#59
2-Hexanone
Concen: 253.084 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 434730
Ion Ratio Lower Upper
43 100
58 62.4 29.6 88.8

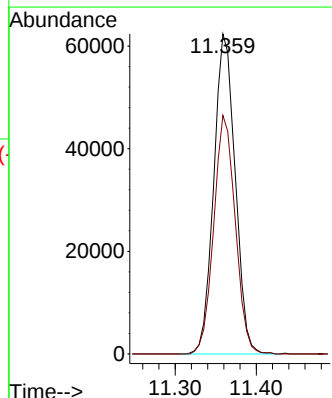
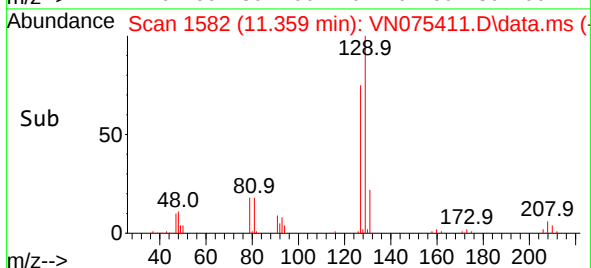
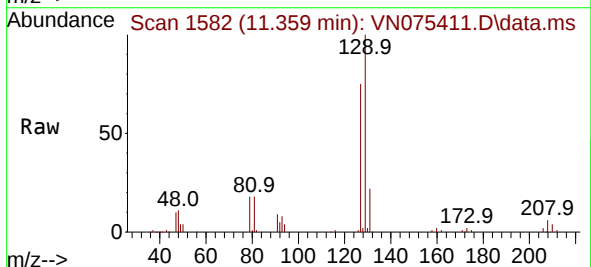
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#60
Dibromochloromethane
Concen: 55.784 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

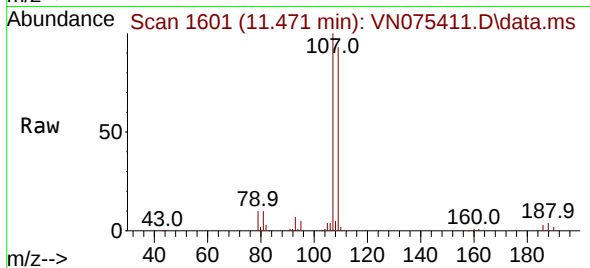
Tgt Ion:129 Resp: 114344
Ion Ratio Lower Upper
129 100
127 75.0 38.6 115.8





#61
1,2-Dibromoethane
Concen: 51.136 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

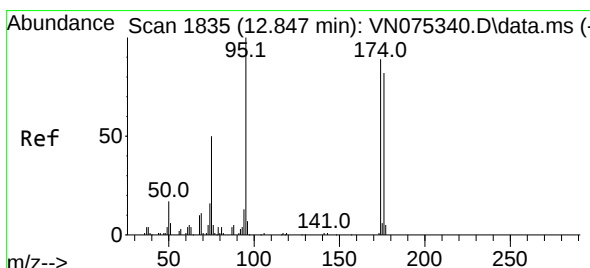
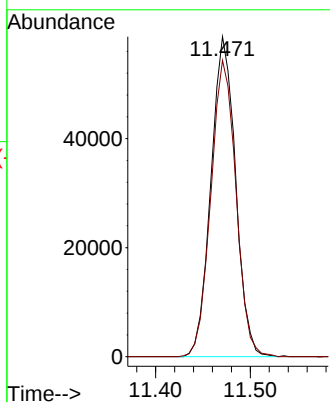
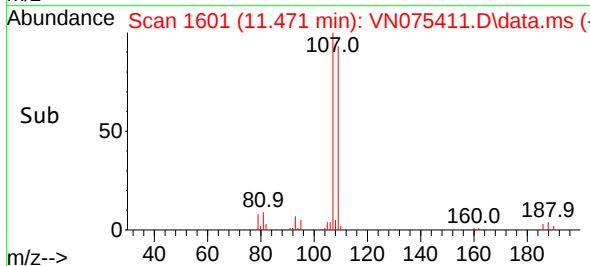
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 105989
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4

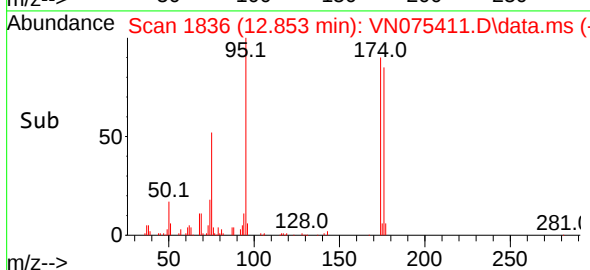
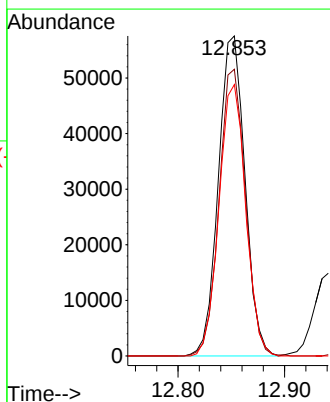
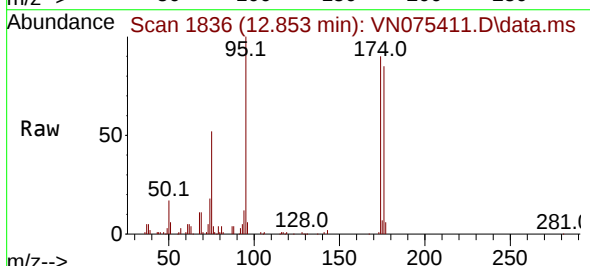
Manual Integrations
APPROVED

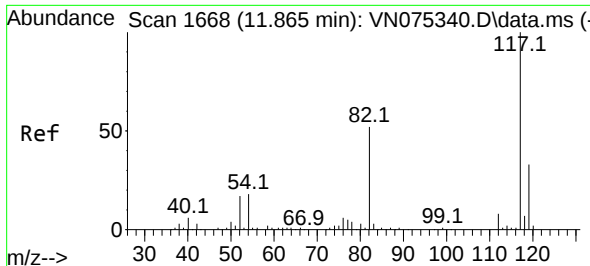
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#62
4-Bromofluorobenzene
Concen: 52.681 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

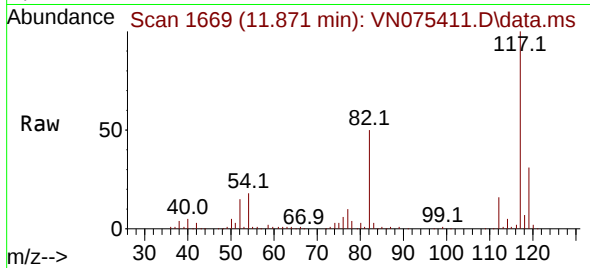
Tgt Ion: 95 Resp: 99798
Ion Ratio Lower Upper
95 100
174 88.8 0.0 147.4
176 85.0 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

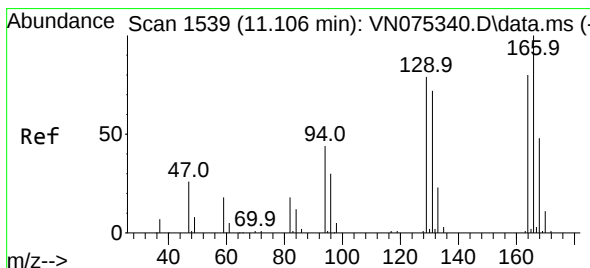
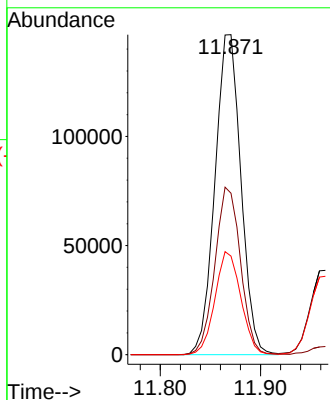
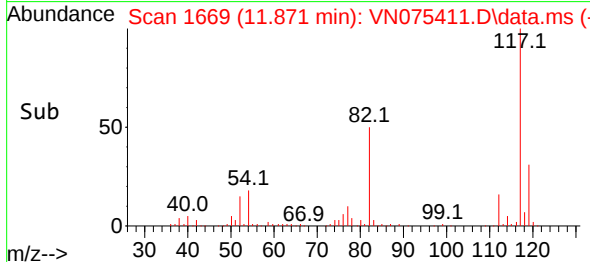
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 26362
Ion Ratio Lower Upper
117 100
82 50.5 43.1 64.7
119 30.8 25.5 38.3

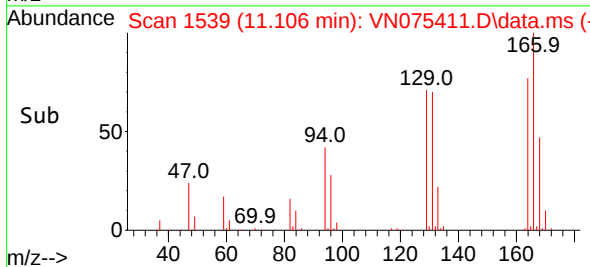
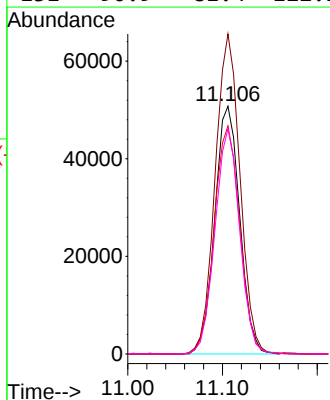
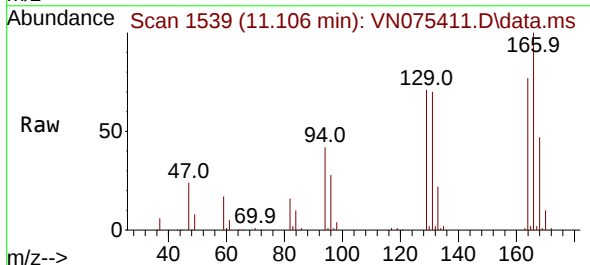
Manual Integrations
APPROVED

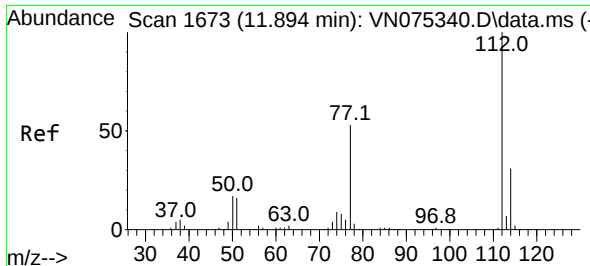
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#64
Tetrachloroethene
Concen: 46.306 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

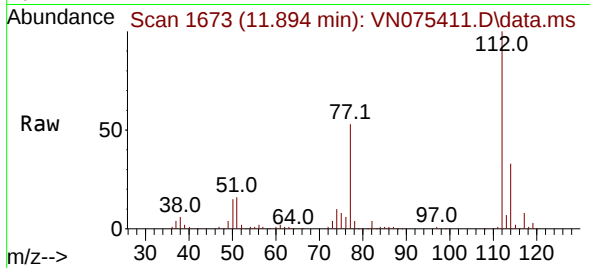
Tgt Ion:164 Resp: 93224
Ion Ratio Lower Upper
164 100
166 129.2 106.5 159.7
129 92.1 81.9 122.9
131 90.9 81.4 122.2





#65
Chlorobenzene
Concen: 49.886 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

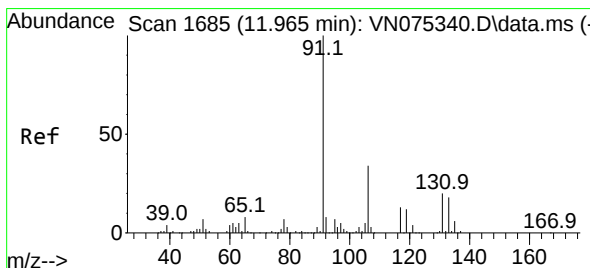
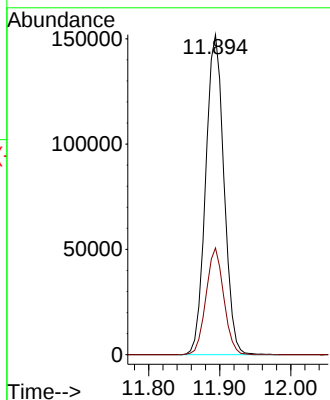
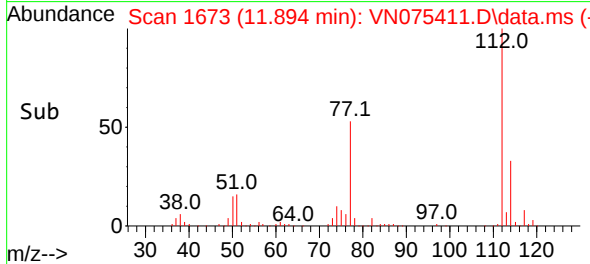
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 271598
Ion Ratio Lower Upper
112 100
114 33.4 25.4 38.2

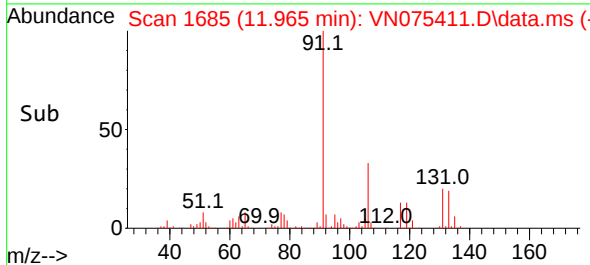
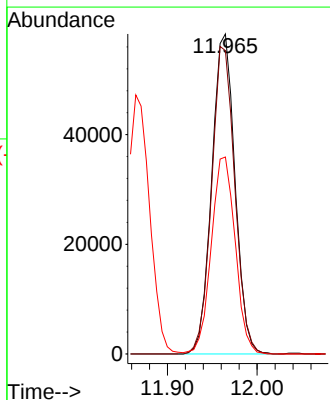
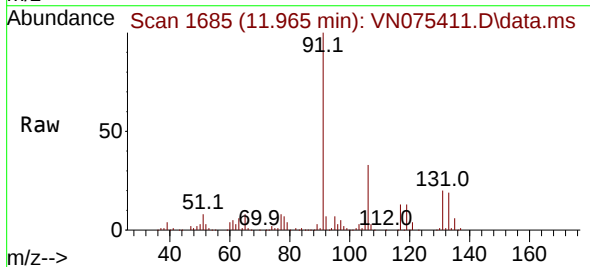
Manual Integrations
APPROVED

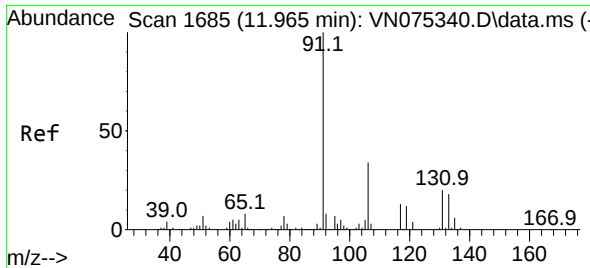
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 51.541 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

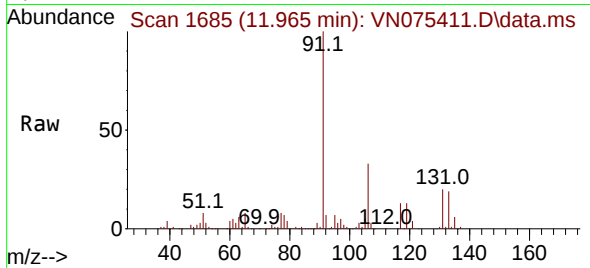
Tgt Ion:131 Resp: 104729
Ion Ratio Lower Upper
131 100
133 96.2 47.8 143.4
119 63.5 33.0 99.0





#67
Ethyl Benzene
Concen: 52.873 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

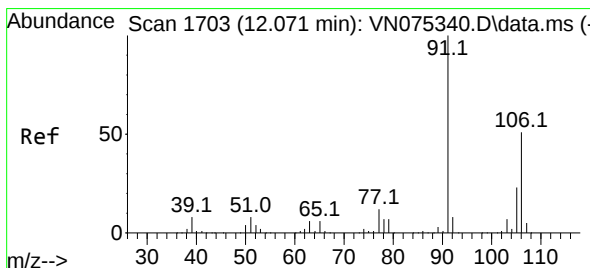
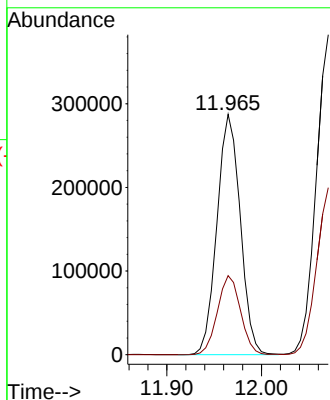
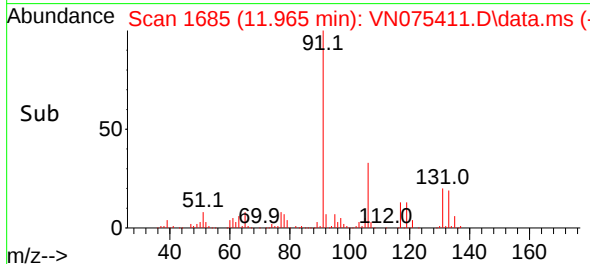
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



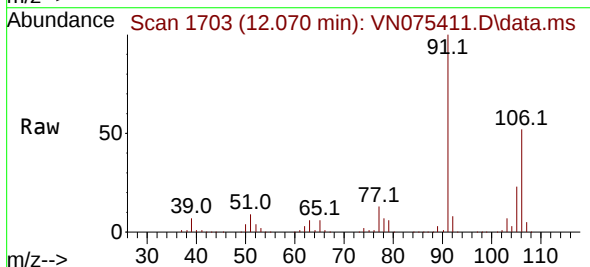
Tgt Ion: 91 Resp: 491100
Ion Ratio Lower Upper
91 100
106 32.9 24.9 37.3

Manual Integrations
APPROVED

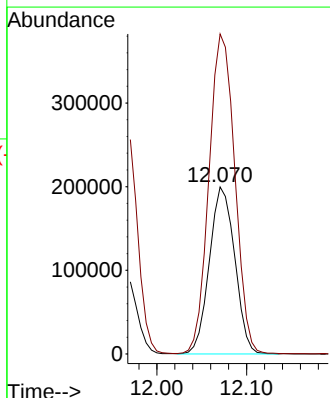
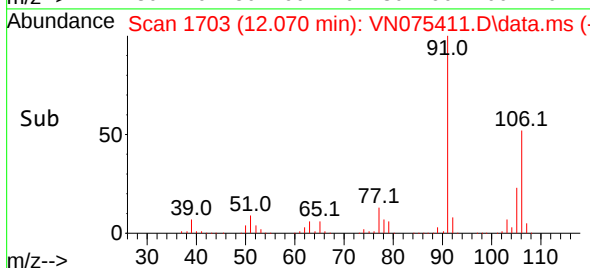
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

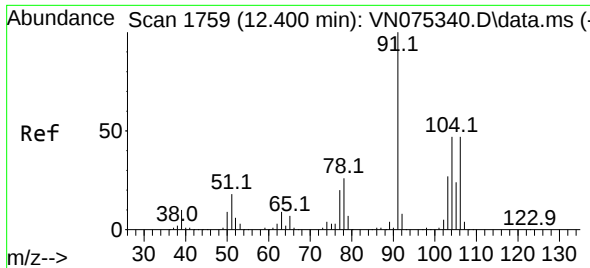


#68
m/p-Xylenes
Concen: 103.983 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10



Tgt Ion:106 Resp: 392213
Ion Ratio Lower Upper
106 100
91 195.2 156.0 234.0





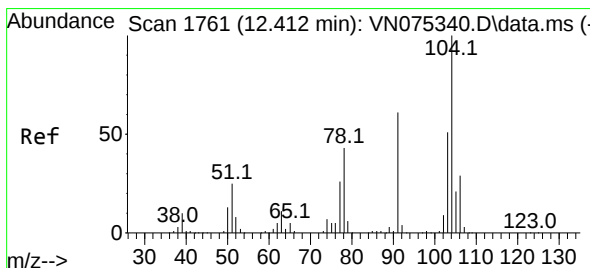
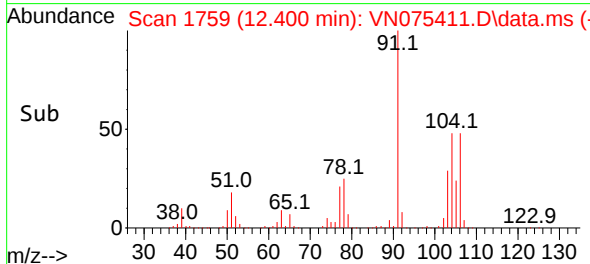
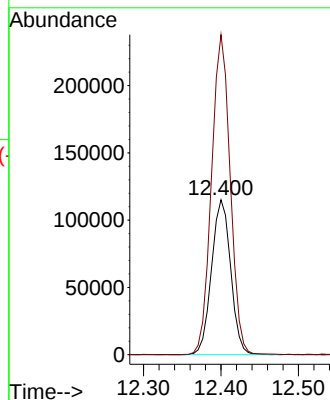
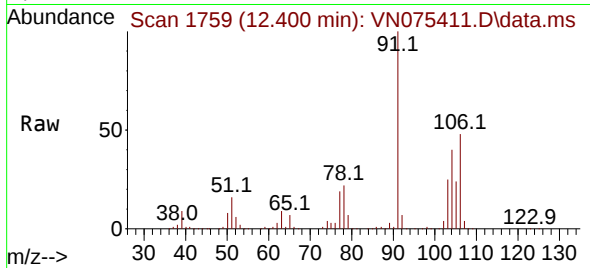
#69
o-Xylene
Concen: 52.620 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 19720
Ion Ratio Lower Upper
106 100
91 202.8 105.2 315.5

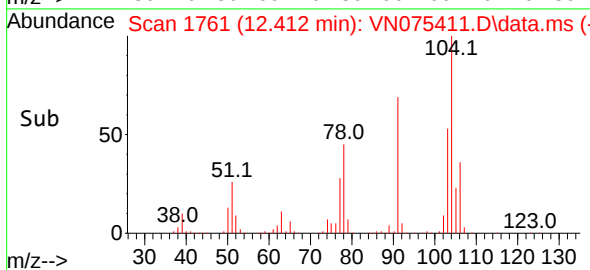
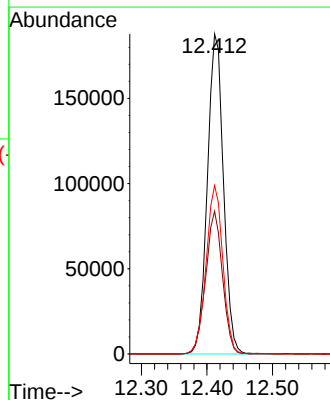
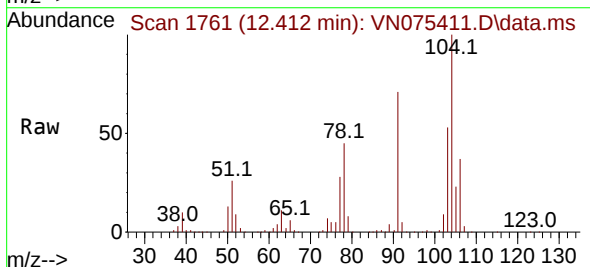
Manual Integrations
APPROVED

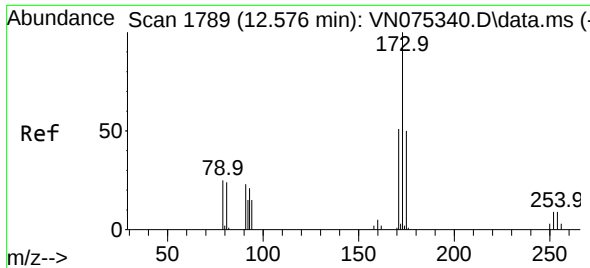
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#70
Styrene
Concen: 54.223 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

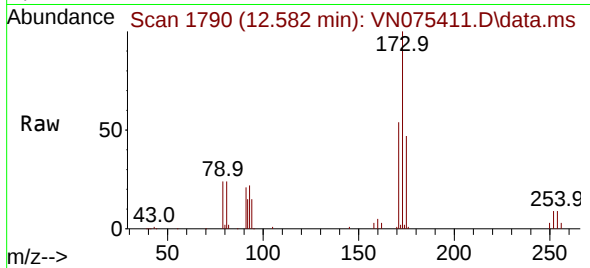
Tgt Ion:104 Resp: 320565
Ion Ratio Lower Upper
104 100
78 46.7 38.1 57.1
103 54.8 44.6 66.8





#71
Bromoform
Concen: 55.244 ug/l
RT: 12.582 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

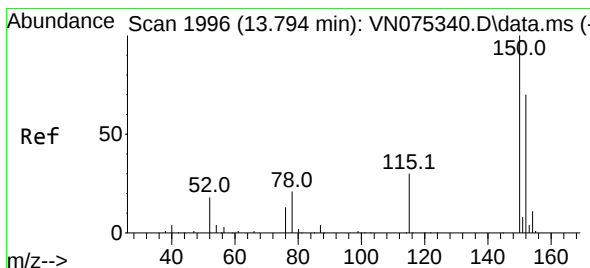
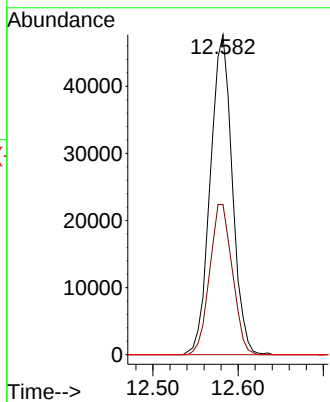
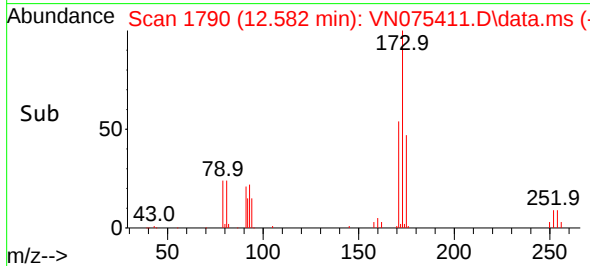
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 85434
Ion Ratio Lower Upper
173 100
175 48.4 24.6 74.0
254 0.0 0.0 0.0

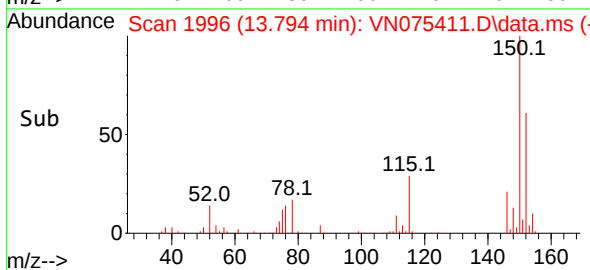
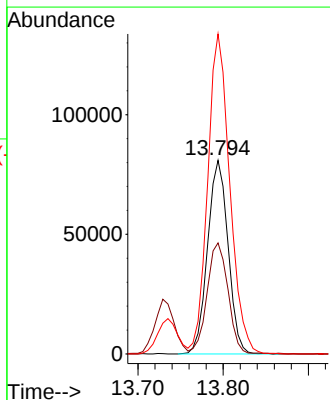
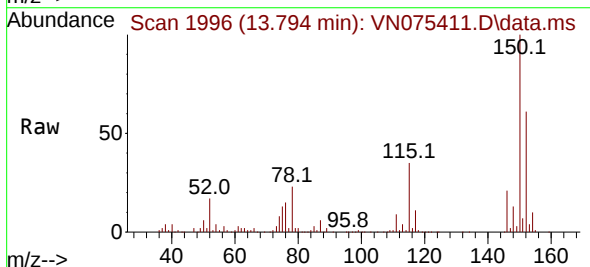
Manual Integrations
APPROVED

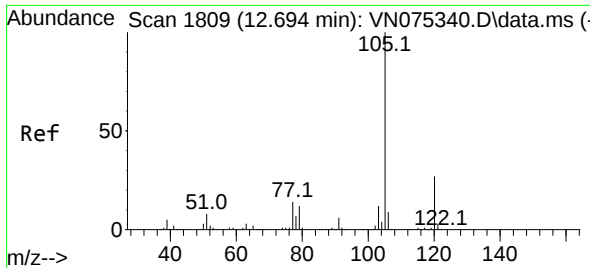
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

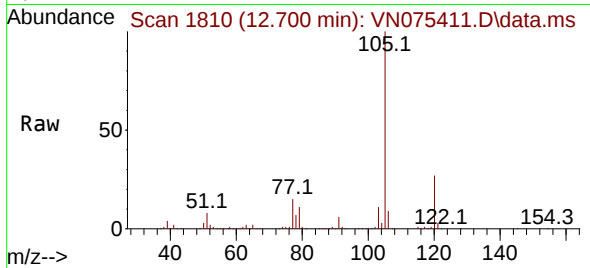
Tgt Ion:152 Resp: 135425
Ion Ratio Lower Upper
152 100
115 58.6 30.2 90.6
150 177.9 0.0 348.4





#73
Isopropylbenzene
Concen: 51.032 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

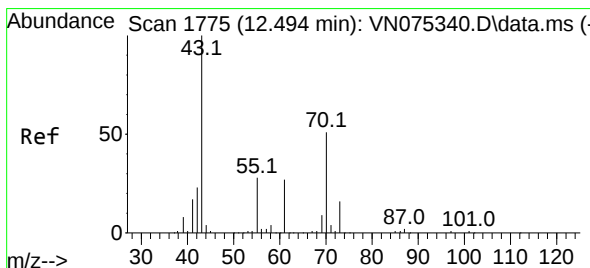
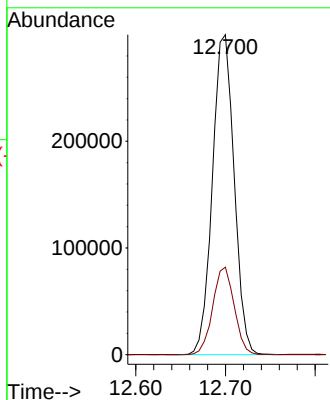
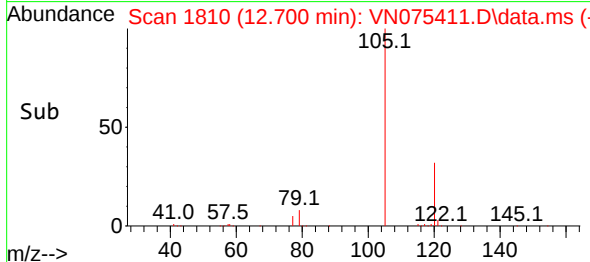
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 504914
Ion Ratio Lower Upper
105 100
120 27.0 13.1 39.1

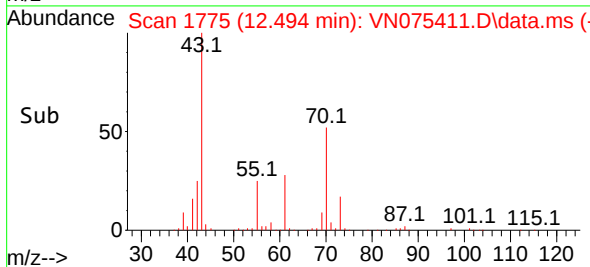
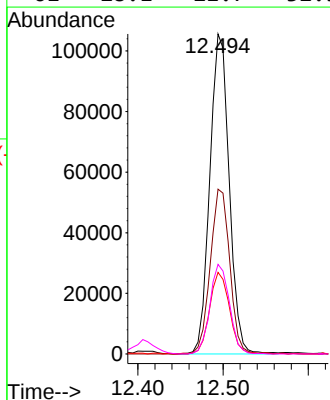
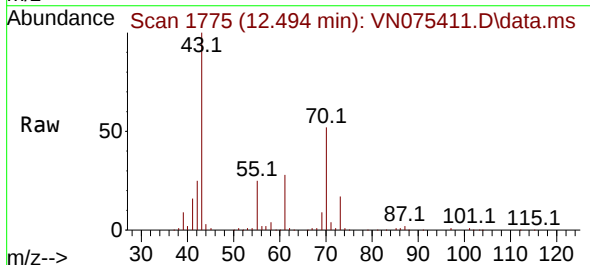
Manual Integrations
APPROVED

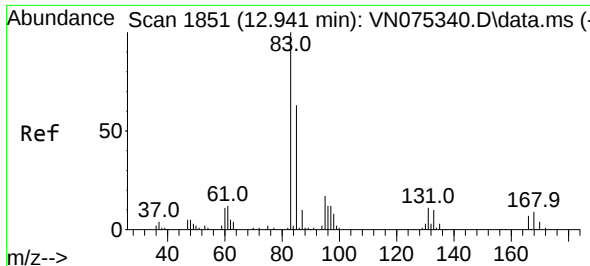
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#74
N-ethyl acetate
Concen: 54.806 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

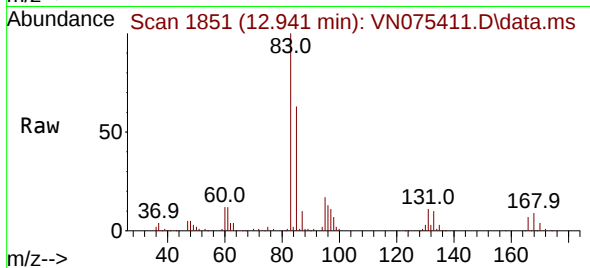
Tgt Ion: 43 Resp: 166708
Ion Ratio Lower Upper
43 100
70 51.8 39.8 59.8
55 26.3 19.9 29.9
61 28.1 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 50.107 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

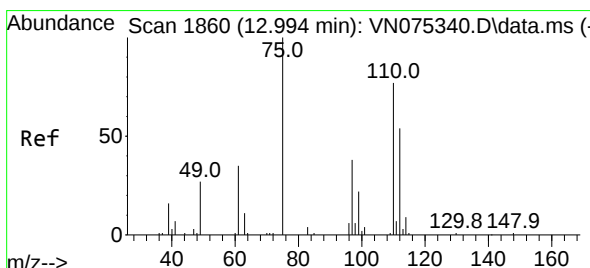
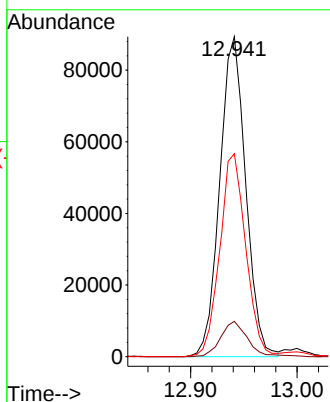
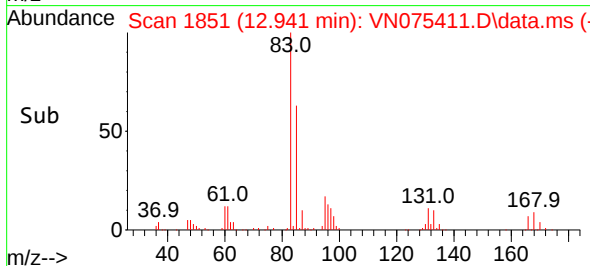
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 15114
Ion Ratio Lower Upper
83 100
131 11.5 5.1 15.3
85 63.6 31.6 94.7

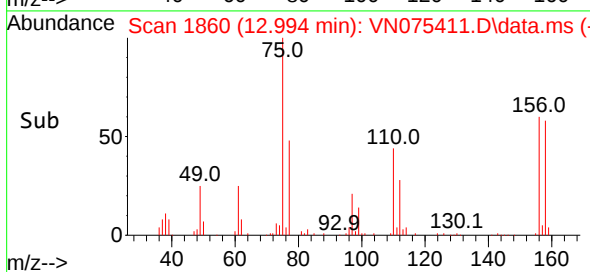
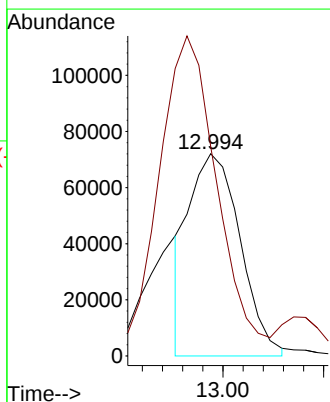
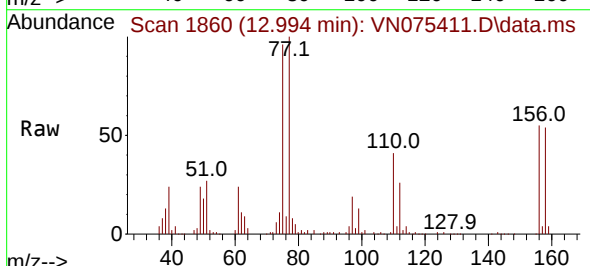
Manual Integrations
APPROVED

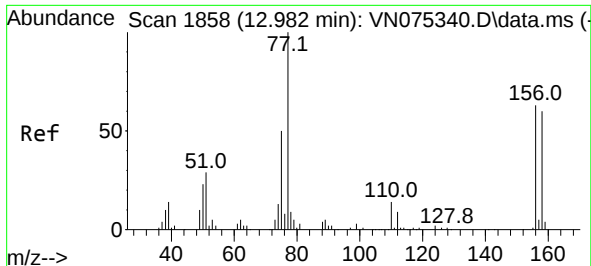
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#76
1,2,3-Trichloropropane
Concen: 49.583 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

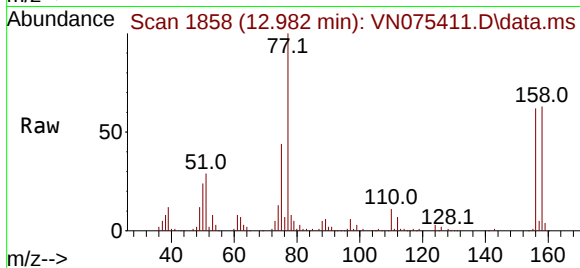
Tgt Ion: 75 Resp: 126958
Ion Ratio Lower Upper
75 100
77 180.9 75.6 226.8





#77
Bromobenzene
Concen: 51.606 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

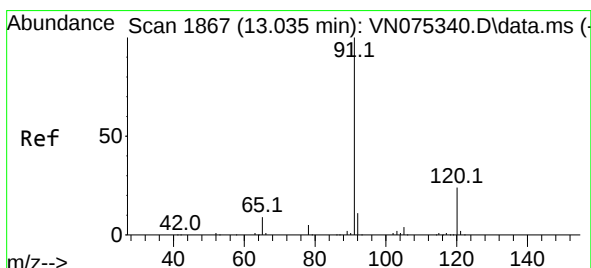
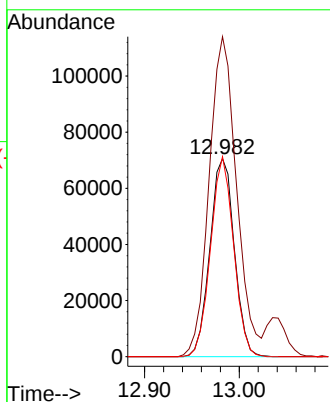
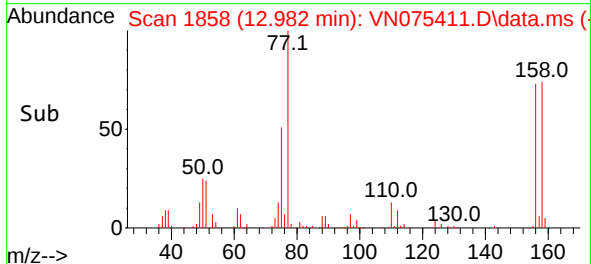
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 126054
Ion Ratio Lower Upper
156 100
77 182.1 108.5 325.5
158 95.7 47.7 143.1

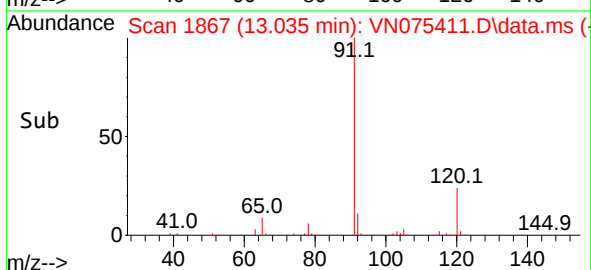
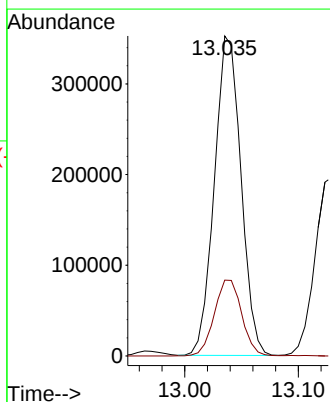
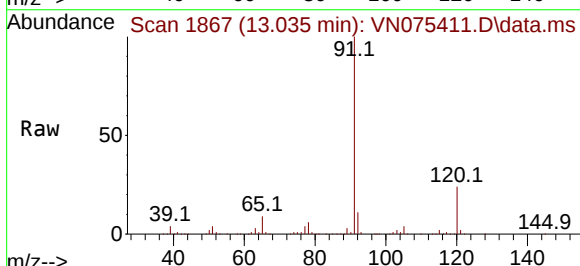
Manual Integrations
APPROVED

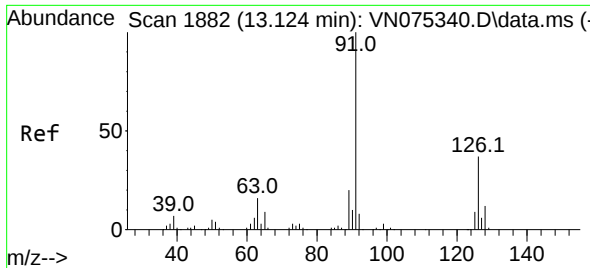
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#78
n-propylbenzene
Concen: 51.925 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

Tgt Ion: 91 Resp: 573350
Ion Ratio Lower Upper
91 100
120 24.5 11.9 35.5





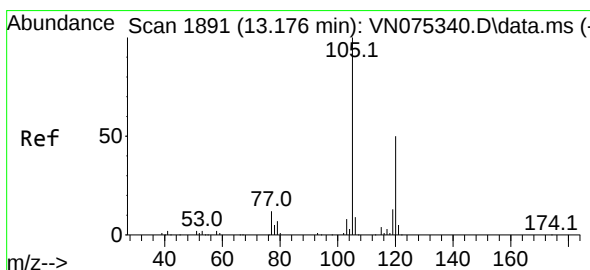
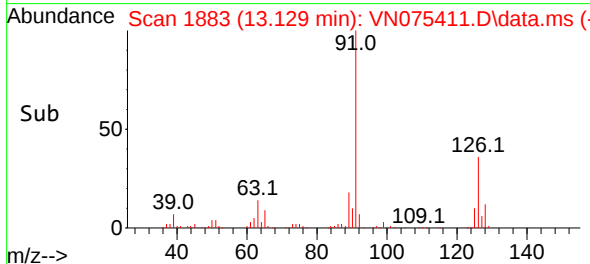
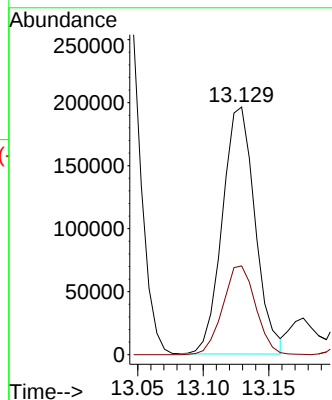
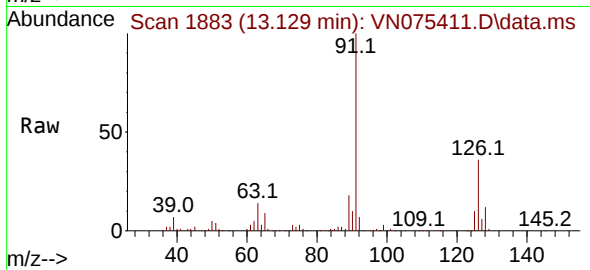
#79
2-Chlorotoluene
Concen: 51.220 ug/l
RT: 13.129 min Scan# 1882
Delta R.T. 0.005 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 34076
Ion Ratio Lower Upper
91 100
126 36.0 16.9 50.7

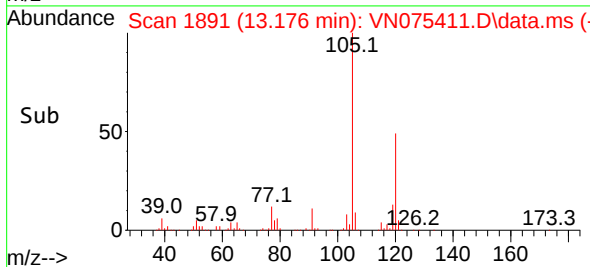
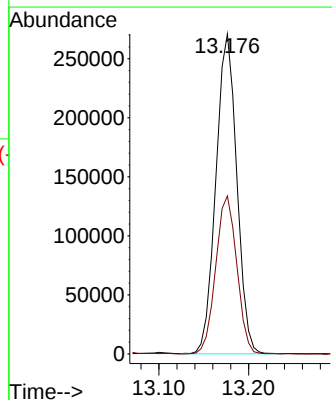
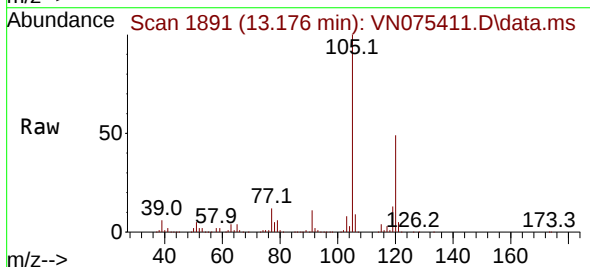
Manual Integrations
APPROVED

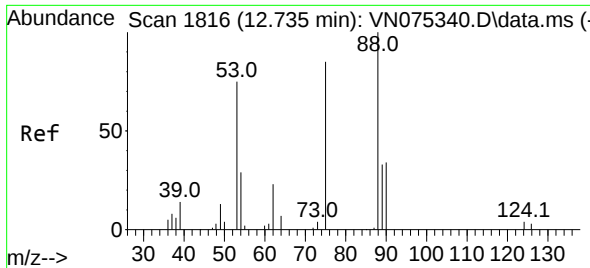
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 53.218 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

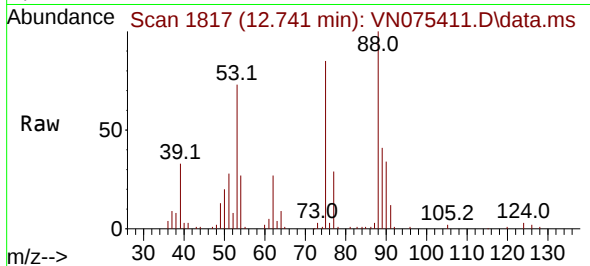
Tgt Ion:105 Resp: 437457
Ion Ratio Lower Upper
105 100
120 49.9 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 53.284 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

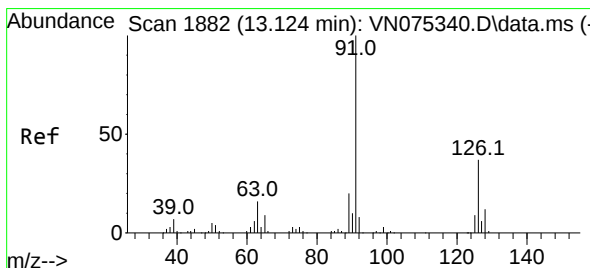
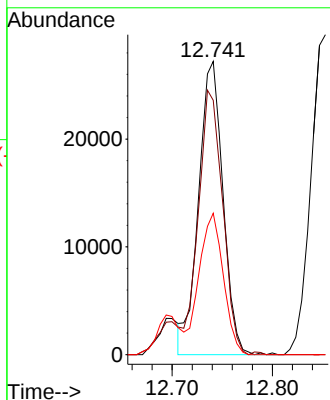
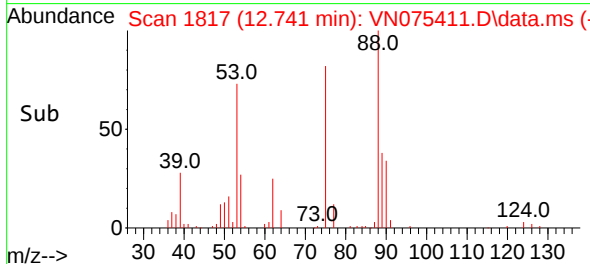
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



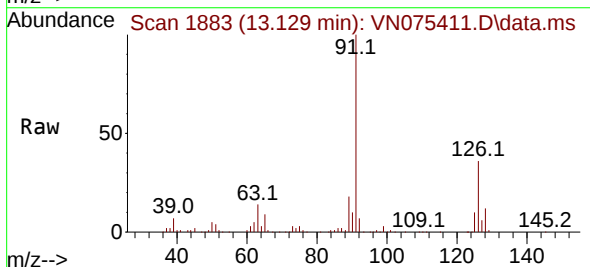
Tgt Ion: 75 Resp: 46112
Ion Ratio Lower Upper
75 100
53 88.7 78.5 117.7
89 47.9 37.7 56.5

Manual Integrations
APPROVED

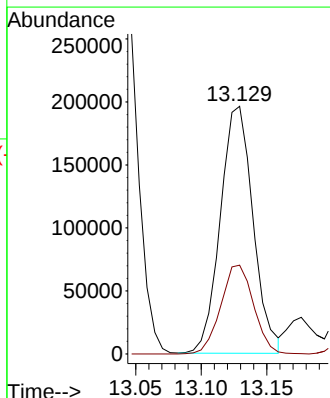
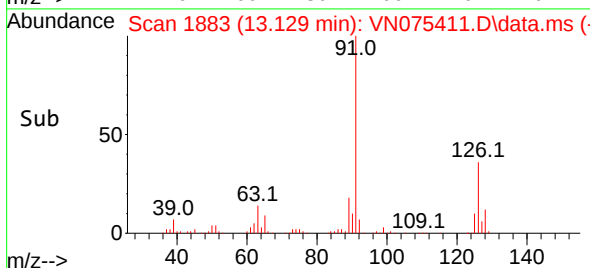
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

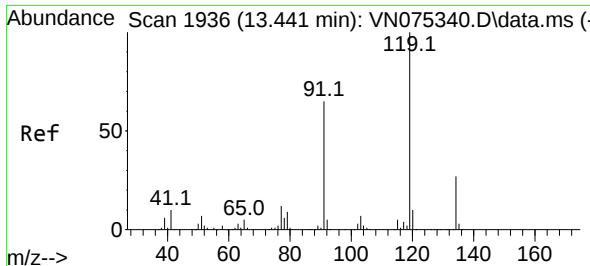


#82
4-Chlorotoluene
Concen: 51.220 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10



Tgt Ion: 91 Resp: 340767
Ion Ratio Lower Upper
91 100
126 36.0 16.9 50.7





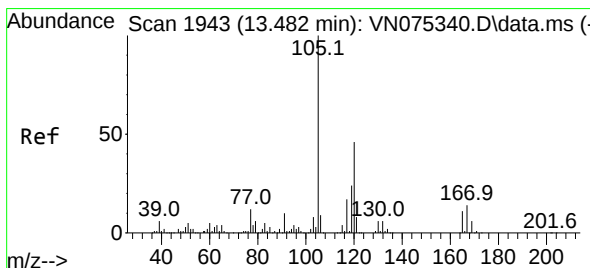
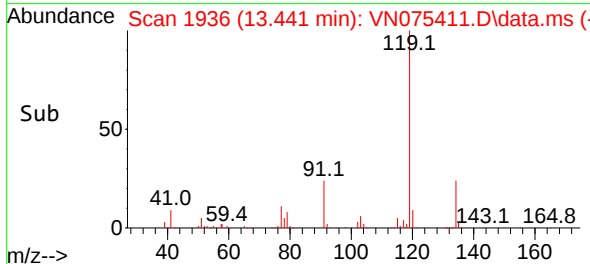
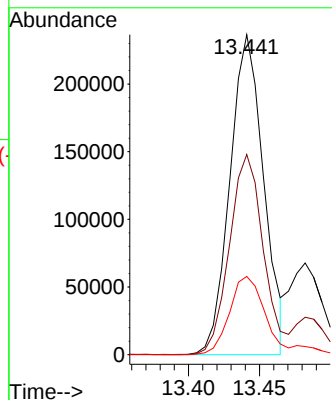
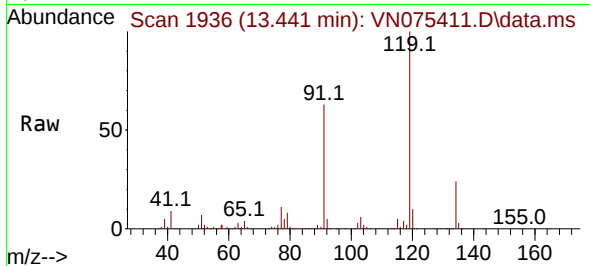
#83
tert-Butylbenzene
Concen: 52.056 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 39015
Ion Ratio Lower Upper
119 100
91 63.3 32.8 98.4
134 27.4 12.3 36.9

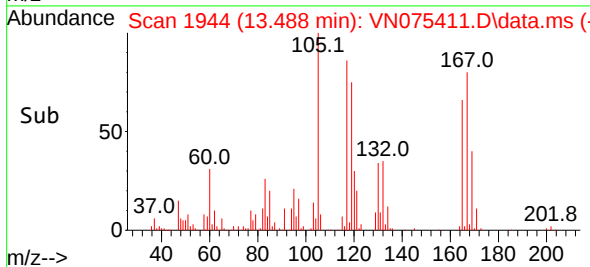
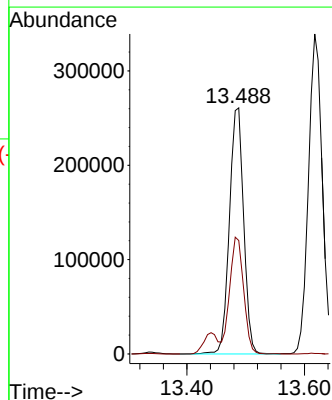
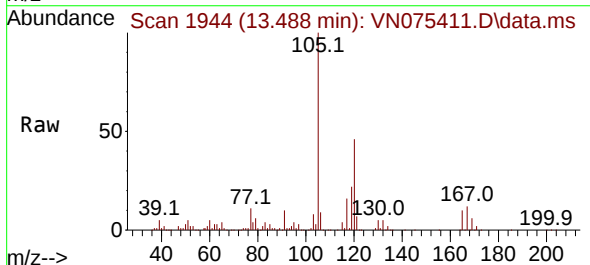
Manual Integrations
APPROVED

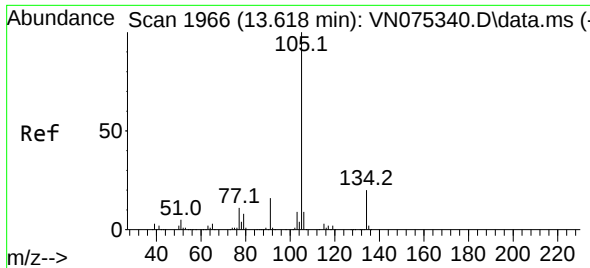
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#84
1,2,4-Trimethylbenzene
Concen: 53.244 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

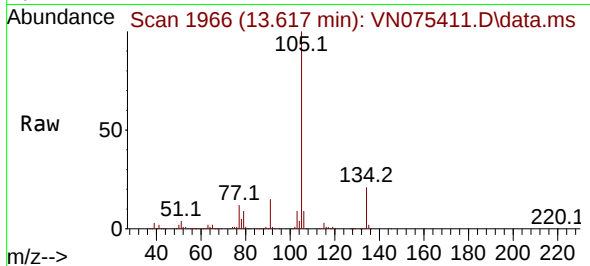
Tgt Ion:105 Resp: 439016
Ion Ratio Lower Upper
105 100
120 46.1 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 54.229 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075411.D
 Acq: 23 Nov 2022 21:10

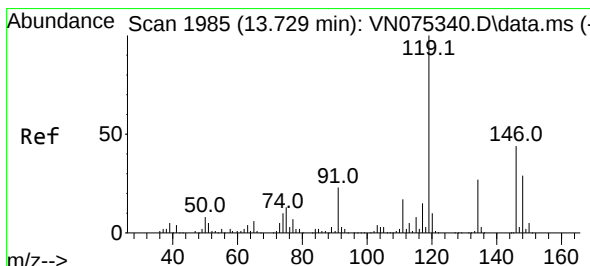
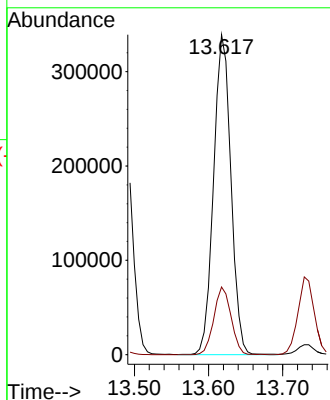
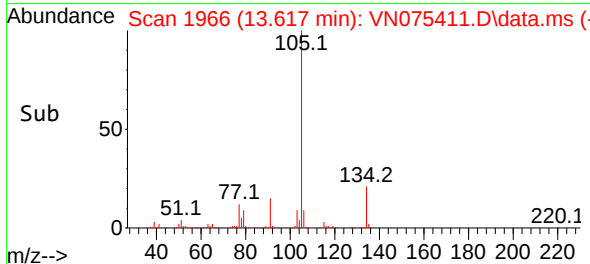
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



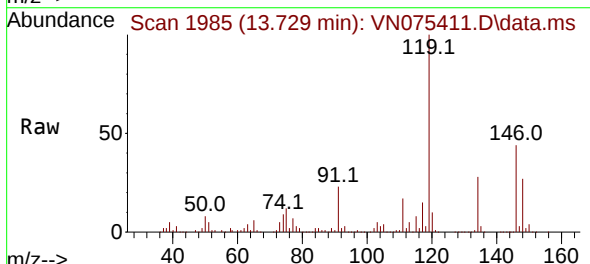
Tgt Ion:105 Resp: 551473
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.6

Manual Integrations
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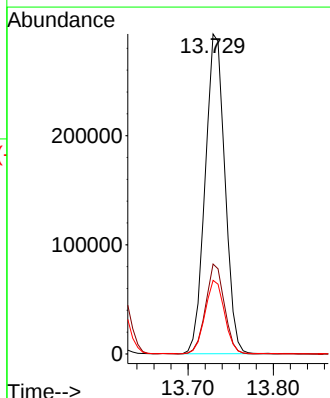
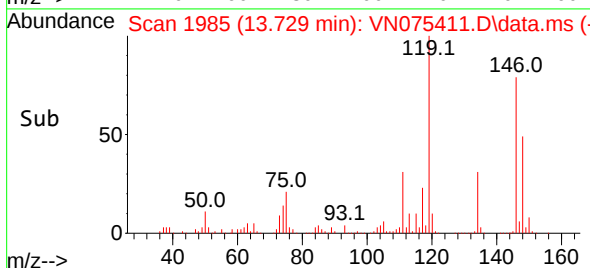
Reviewed By :John Carlone 11/25/2022
 Supervised By :Mahesh Dadoda 11/28/2022

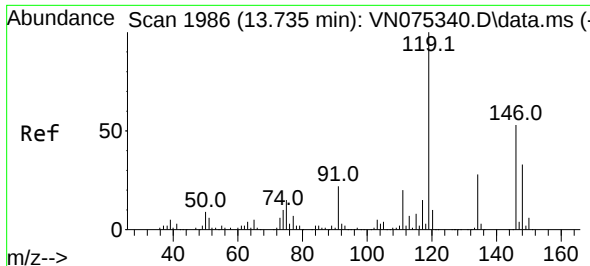


#86
 p-Isopropyltoluene
 Concen: 55.106 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075411.D
 Acq: 23 Nov 2022 21:10



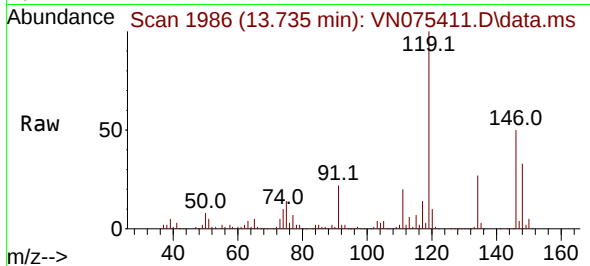
Tgt Ion:119 Resp: 471486
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.1 39.3
 91 22.7 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 51.543 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

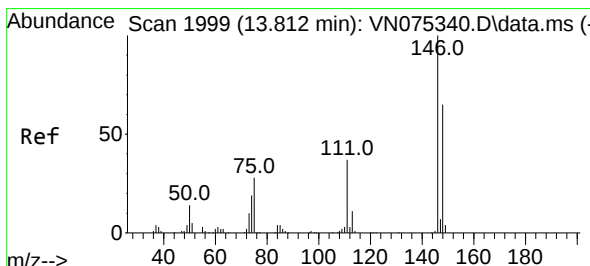
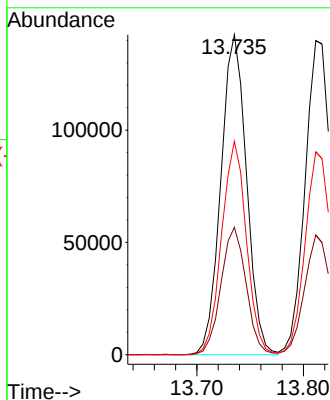
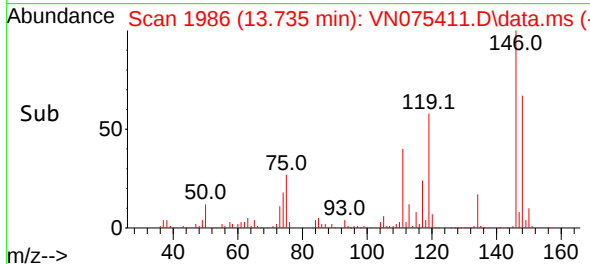
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



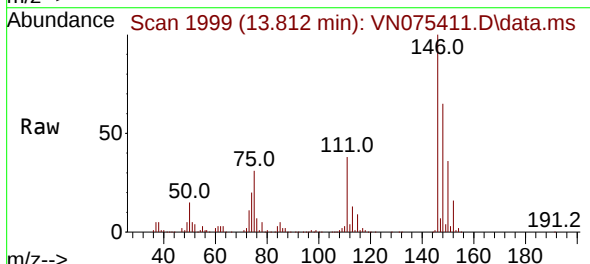
Tgt Ion:146 Resp: 23854
Ion Ratio Lower Upper
146 100
111 39.0 20.8 62.5
148 64.4 31.1 93.5

Manual Integrations
APPROVED

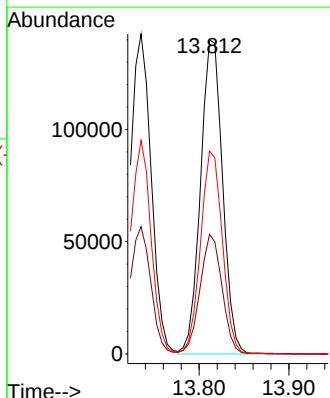
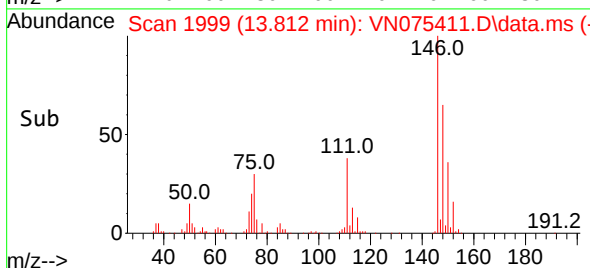
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022

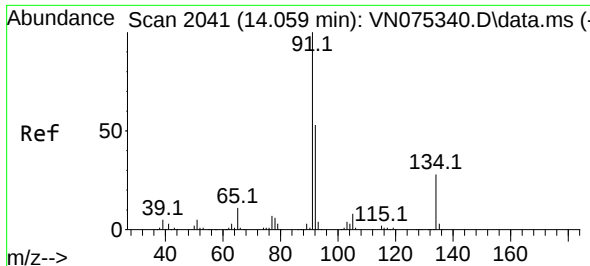


#88
1,4-Dichlorobenzene
Concen: 50.818 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10



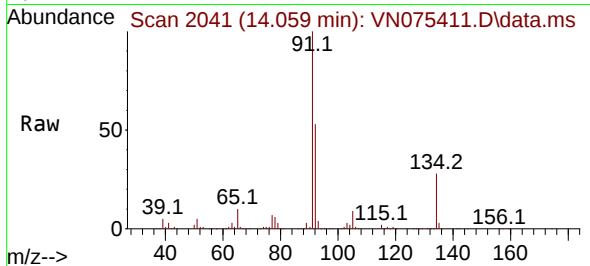
Tgt Ion:146 Resp: 238910
Ion Ratio Lower Upper
146 100
111 37.5 20.1 60.3
148 63.9 31.9 95.7





#89
n-Butylbenzene
Concen: 54.208 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

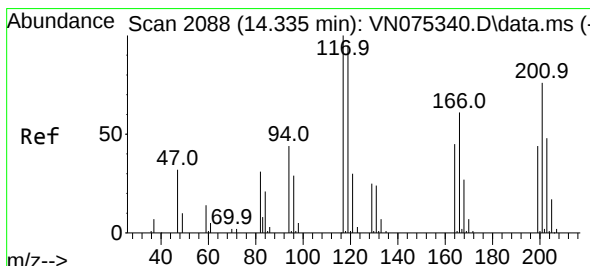
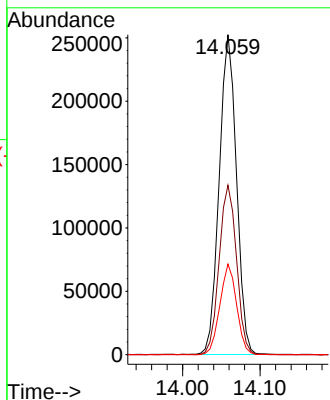
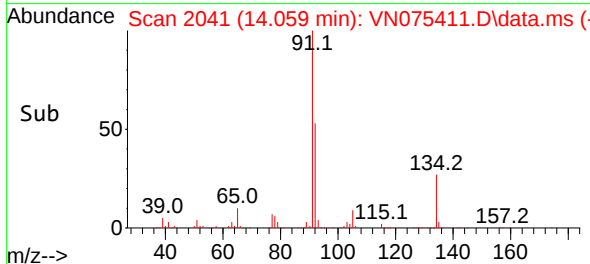
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 391728
Ion Ratio Lower Upper
91 100
92 53.4 26.5 79.4
134 27.4 13.0 39.0

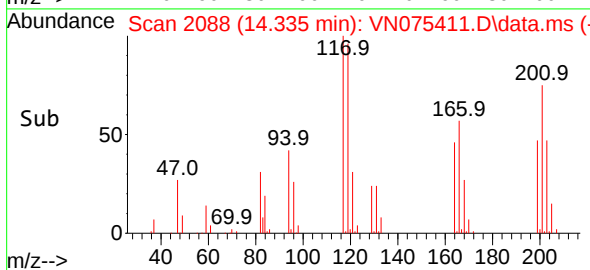
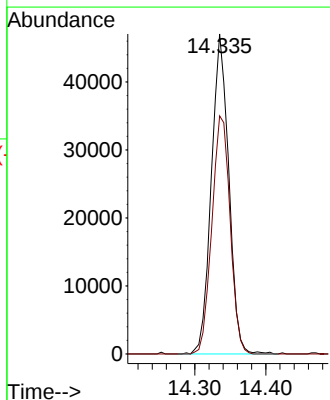
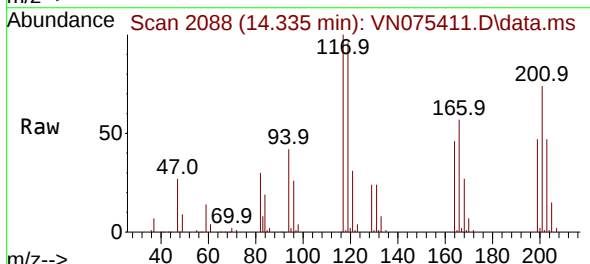
Manual Integrations
APPROVED

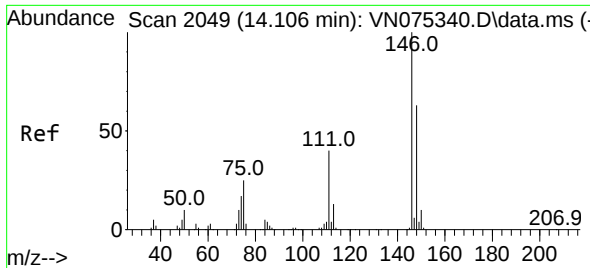
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#90
Hexachloroethane
Concen: 54.155 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

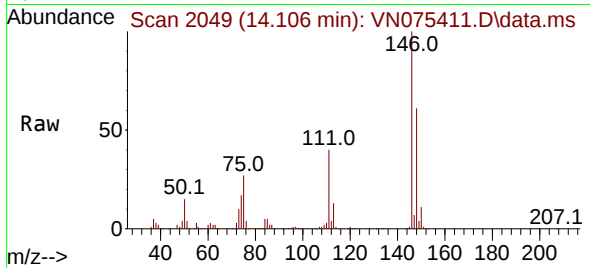
Tgt Ion:117 Resp: 79934
Ion Ratio Lower Upper
117 100
201 77.8 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 51.800 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

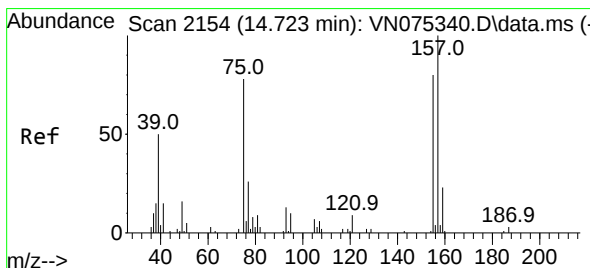
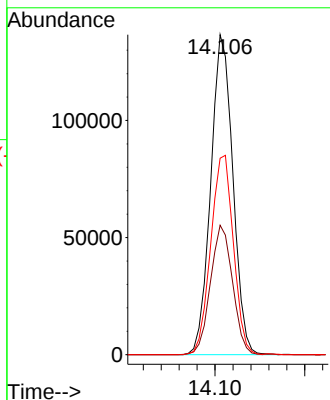
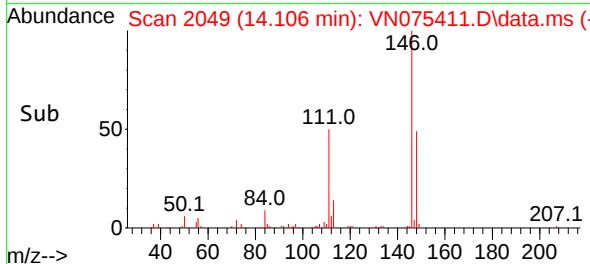
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 23368
Ion Ratio Lower Upper
146 100
111 40.6 21.3 63.9
148 63.9 31.4 94.2

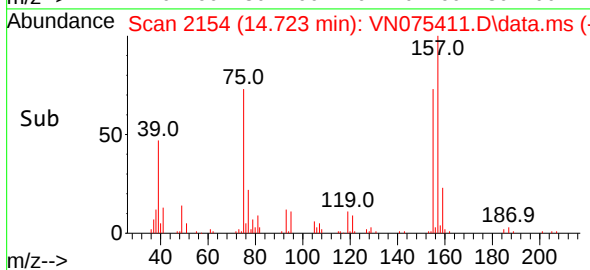
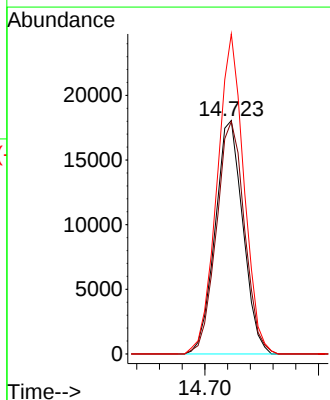
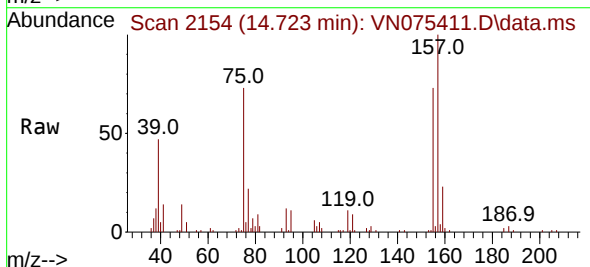
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.582 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

Tgt Ion: 75 Resp: 30617
Ion Ratio Lower Upper
75 100
155 100.8 42.1 126.3
157 132.3 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 57.869 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075411.D

Acq: 23 Nov 2022 21:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 13378

Ion Ratio Lower Upper

180 100

182 95.9 47.8 143.4

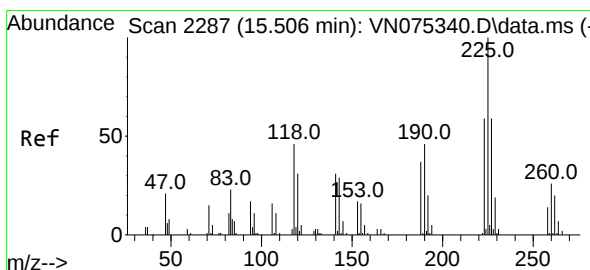
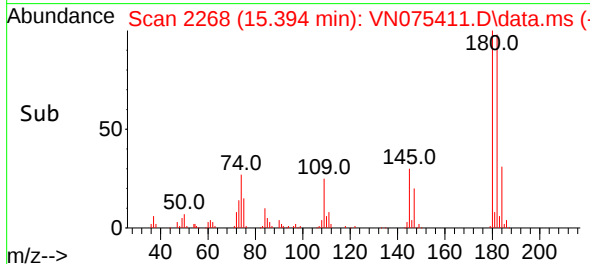
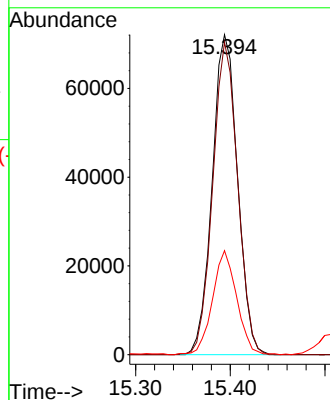
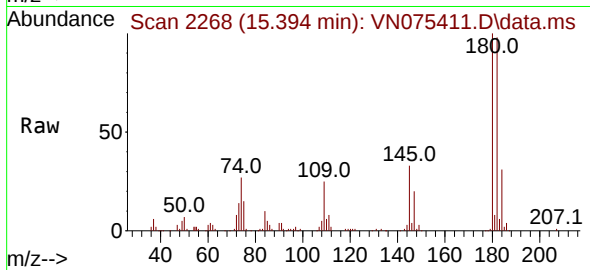
145 31.2 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#94

Hexachlorobutadiene

Concen: 57.737 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN075411.D

Acq: 23 Nov 2022 21:10

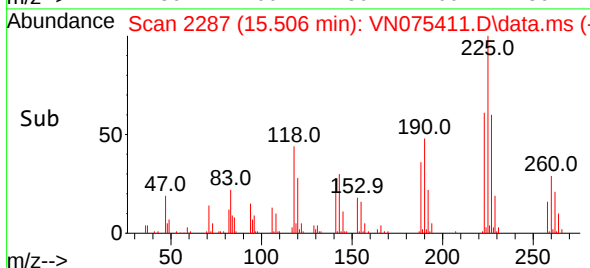
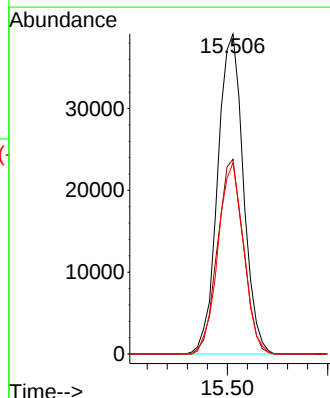
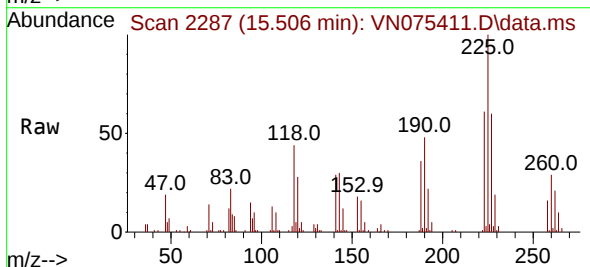
Tgt Ion:225 Resp: 69526

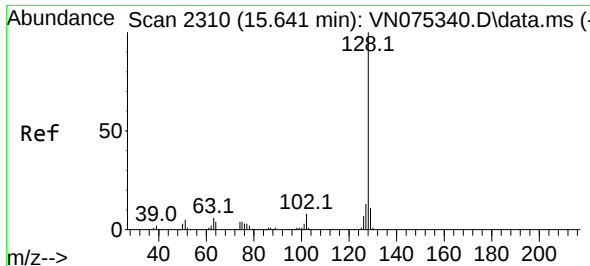
Ion Ratio Lower Upper

225 100

223 61.2 32.3 96.9

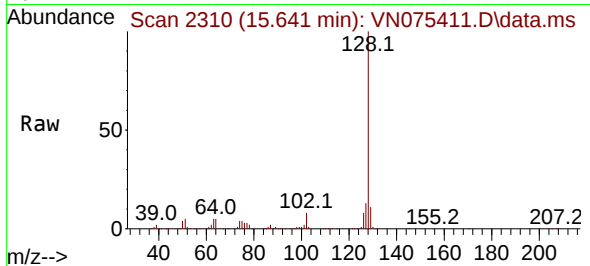
227 59.8 32.0 96.2





#95
Naphthalene
Concen: 57.622 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

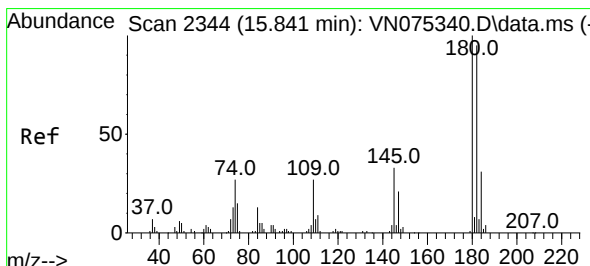
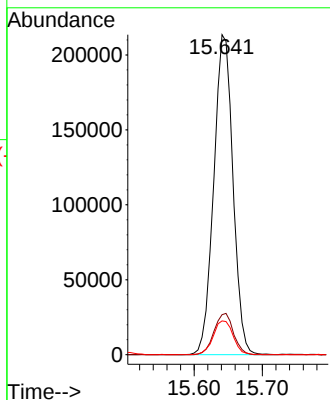
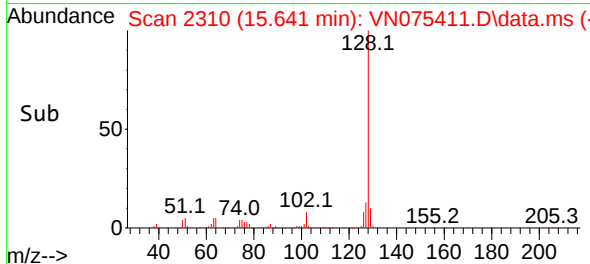
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 41908
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 57.171 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075411.D
Acq: 23 Nov 2022 21:10

Tgt Ion:180 Resp: 129902
Ion Ratio Lower Upper
180 100
182 93.0 47.3 141.8
145 32.1 17.6 52.9

