

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020823\
 Data File : VN076590.D
 Acq On : 08 Feb 2023 19:22
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Feb 09 00:54:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 09:04:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.228	168	546218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.104	114	912989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.869	117	861478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.792	152	422511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.586	65	275120	42.674	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.340%
35) Dibromofluoromethane	8.175	113	247939	43.686	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.380%
50) Toluene-d8	10.569	98	1075704	50.382	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.760%
62) 4-Bromofluorobenzene	12.851	95	379404	50.440	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.140	85	312133	55.007	ug/l	99
3) Chloromethane	2.375	50	202009	38.736	ug/l	99
4) Vinyl Chloride	2.528	62	173565	36.246	ug/l	98
5) Bromomethane	2.951	94	121260	34.131	ug/l	96
6) Chloroethane	3.122	64	95220	32.875	ug/l	99
7) Trichlorofluoromethane	3.510	101	369279	39.125	ug/l	98
8) Diethyl Ether	3.975	74	130471	36.506	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.381	101	209670	35.859	ug/l	96
10) Methyl Iodide	4.604	142	337773	39.496	ug/l	97
11) Tert butyl alcohol	5.534	59	152003	181.014	ug/l	98
12) 1,1-Dichloroethene	4.357	96	203731	37.297	ug/l	87
13) Acrolein	4.193	56	184318	164.305	ug/l	100
14) Allyl chloride	5.040	41	216021	30.366	ug/l	95
15) Acrylonitrile	5.734	53	437080	173.452	ug/l	99
16) Acetone	4.440	43	287278	135.157	ug/l	97
17) Carbon Disulfide	4.728	76	496529	35.089	ug/l	99
18) Methyl Acetate	5.040	43	218393	32.474	ug/l	93
19) Methyl tert-butyl Ether	5.810	73	679183	37.387	ug/l	97
20) Methylene Chloride	5.287	84	227779	34.763	ug/l	94
21) trans-1,2-Dichloroethene	5.798	96	217974	36.714	ug/l	95
22) Diisopropyl ether	6.681	45	538641	33.407	ug/l	96
23) Vinyl Acetate	6.616	43	1726028	171.089	ug/l	94
24) 1,1-Dichloroethane	6.581	63	369380	35.677	ug/l	97
25) 2-Butanone	7.492	43	523462	171.332	ug/l	91
26) 2,2-Dichloropropane	7.498	77	321773	37.231	ug/l	96
27) cis-1,2-Dichloroethene	7.498	96	269852	38.867	ug/l	96
28) Bromochloromethane	7.822	49	151099	36.423	ug/l	85
29) Tetrahydrofuran	7.845	42	351931	179.229	ug/l	90
30) Chloroform	7.975	83	447286	39.824	ug/l	99
31) Cyclohexane	8.263	56	432869	42.481	ug/l	98
32) 1,1,1-Trichloroethane	8.175	97	448740	44.588	ug/l	96
36) 1,1-Dichloropropene	8.375	75	377437	46.579	ug/l	98
37) Ethyl Acetate	7.569	43	214015	35.252	ug/l #	94
38) Carbon Tetrachloride	8.369	117	411930	47.281	ug/l	99
39) Methylcyclohexane	9.604	83	527175	52.386	ug/l	100
40) Benzene	8.616	78	1199950	48.851	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.786	41	125912	36.629	ug/l	94
42) 1,2-Dichloroethane	8.675	62	350895	43.876	ug/l	97
43) Isopropyl Acetate	8.692	43	497012	49.199	ug/l	99
44) Trichloroethene	9.357	130	321674	49.040	ug/l	98
45) 1,2-Dichloropropane	9.628	63	305654	51.809	ug/l	99
46) Dibromomethane	9.710	93	213497	50.167	ug/l	98
47) Bromodichloromethane	9.892	83	438029	51.184	ug/l	98
48) Methyl methacrylate	9.686	41	250334	50.388	ug/l	98
49) 1,4-Dioxane	9.698	88	116738	1098.425	ug/l	98
51) 4-Methyl-2-Pentanone	10.445	43	1579425	260.143	ug/l	98
52) Toluene	10.633	92	830902	52.415	ug/l	99
53) t-1,3-Dichloropropene	10.839	75	447321	54.097	ug/l	98
54) cis-1,3-Dichloropropene	10.316	75	506434	53.708	ug/l	96
55) 1,1,2-Trichloroethane	11.016	97	316423	50.964	ug/l	98
56) Ethyl methacrylate	10.875	69	466355	56.123	ug/l	99
57) 1,3-Dichloropropane	11.169	76	496455	49.399	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.163	63	766143	322.635	ug/l	100
59) 2-Hexanone	11.198	43	1036984	239.577	ug/l	95
60) Dibromochloromethane	11.363	129	334016	51.048	ug/l	99
61) 1,2-Dibromoethane	11.474	107	312050	50.774	ug/l	99
64) Tetrachloroethene	11.104	164	316561	44.130	ug/l	99
65) Chlorobenzene	11.892	112	863725	48.482	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.963	131	325590	49.352	ug/l	99
67) Ethyl Benzene	11.969	91	1577728	49.832	ug/l	98
68) m/p-Xylenes	12.074	106	1239759	100.503	ug/l	99
69) o-Xylene	12.398	106	616550	51.041	ug/l	98
70) Styrene	12.416	104	1008604	52.499	ug/l	100
71) Bromoform	12.580	173	245103	53.224	ug/l #	99
73) Isopropylbenzene	12.698	105	1593568	46.053	ug/l	99
74) N-amyl acetate	12.498	43	464379	48.124	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.939	83	426699	44.989	ug/l	99
76) 1,2,3-Trichloropropane	12.998	75	509971	64.692	ug/l	73
77) Bromobenzene	12.980	156	356967	44.351	ug/l	96
78) n-propylbenzene	13.039	91	1777943	46.663	ug/l	100
79) 2-Chlorotoluene	13.127	91	1077894	44.411	ug/l	100
80) 1,3,5-Trimethylbenzene	13.174	105	1358567	47.307	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.739	75	128804	50.173	ug/l	88
82) 4-Chlorotoluene	13.127	91	1077894	44.411	ug/l	100
83) tert-Butylbenzene	13.439	119	1227617	47.725	ug/l	97
84) 1,2,4-Trimethylbenzene	13.486	105	1379305	48.262	ug/l	99
85) sec-Butylbenzene	13.621	105	1703577	49.112	ug/l	100
86) p-Isopropyltoluene	13.733	119	1436847	50.547	ug/l	99
87) 1,3-Dichlorobenzene	13.733	146	693412	46.809	ug/l	100
88) 1,4-Dichlorobenzene	13.816	146	680239	45.205	ug/l	99
89) n-Butylbenzene	14.057	91	1145710	50.899	ug/l	99
90) Hexachloroethane	14.339	117	238967	48.262	ug/l	97
91) 1,2-Dichlorobenzene	14.110	146	685092	46.908	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.721	75	76480	46.592	ug/l	97
93) 1,2,4-Trichlorobenzene	15.398	180	330115	49.327	ug/l	100
94) Hexachlorobutadiene	15.504	225	185489	49.291	ug/l	100
95) Naphthalene	15.645	128	959850	49.299	ug/l	100
96) 1,2,3-Trichlorobenzene	15.845	180	317845	49.593	ug/l	100

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Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

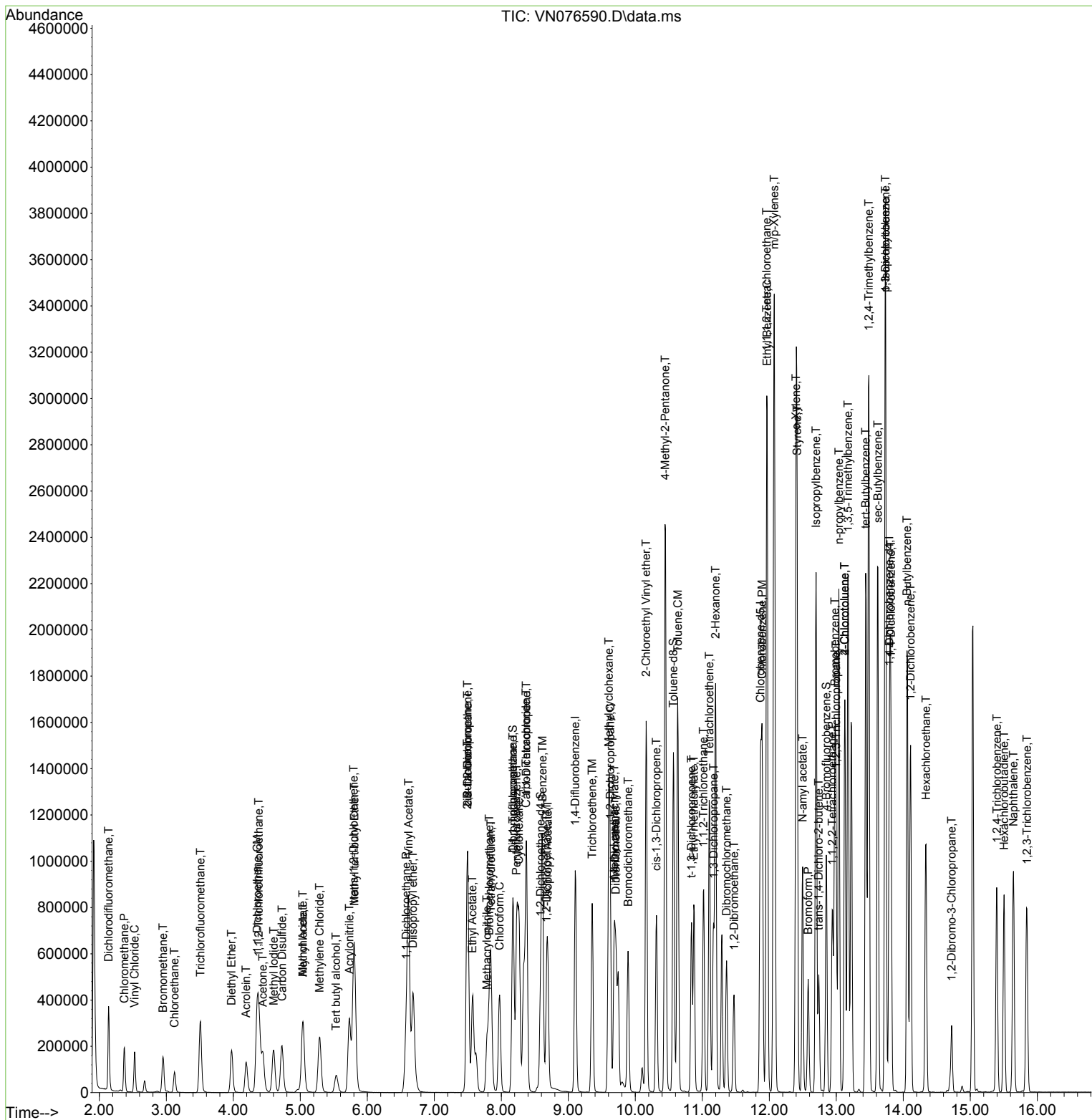
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MSVOA_N
ClientSampleId :
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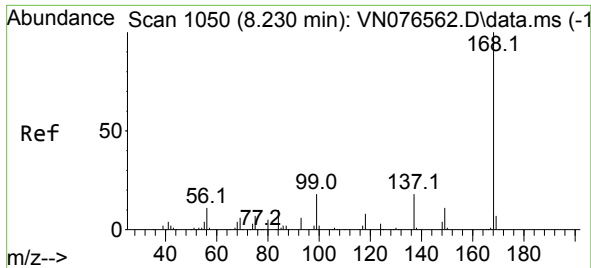
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Quant Title : SW846 8260
QLast Update : Wed Feb 08 09:04:43 2023
Response via : Initial Calibration

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

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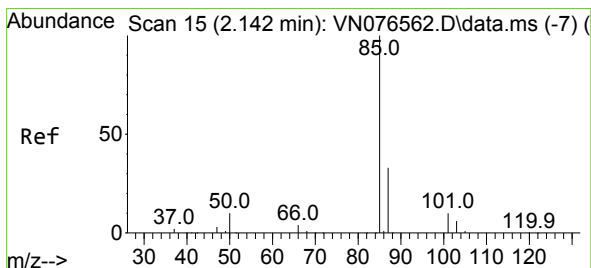
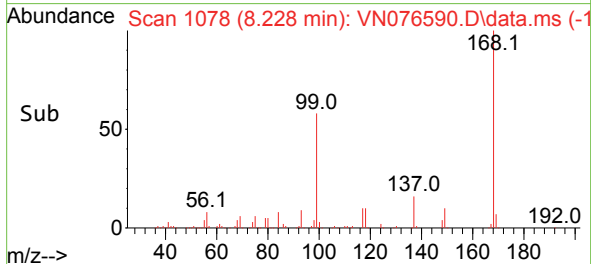
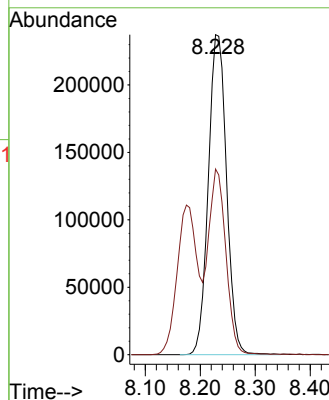
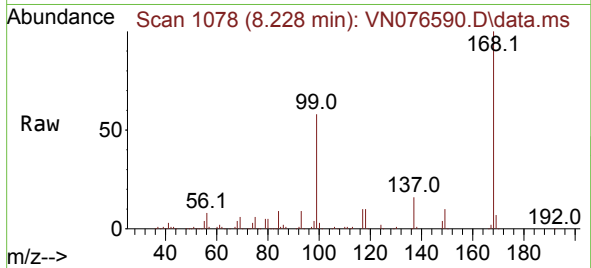




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.228 min Scan# 11
Delta R.T. -0.002 min
Lab File: VN076590.D
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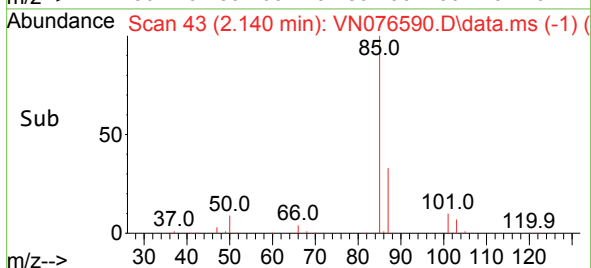
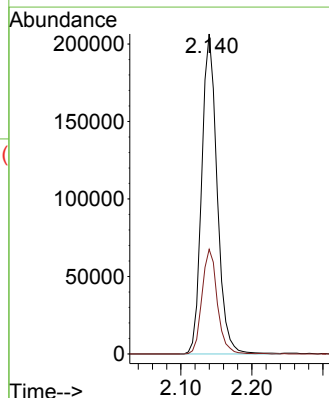
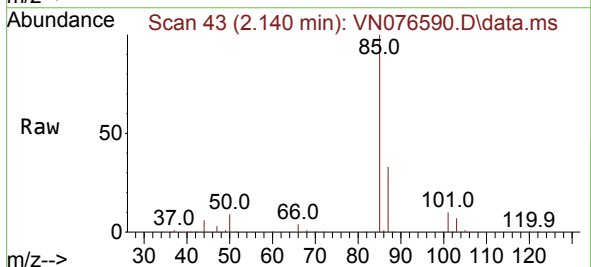
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

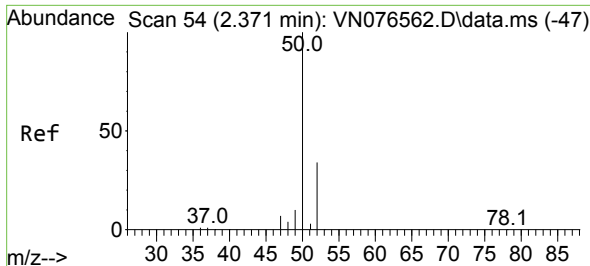
Tgt Ion:168 Resp: 546218
Ion Ratio Lower Upper
168 100
99 57.9 47.8 71.8



#2
Dichlorodifluoromethane
Concen: 55.007 ug/l
RT: 2.140 min Scan# 43
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

Tgt Ion: 85 Resp: 312133
Ion Ratio Lower Upper
85 100
87 32.7 16.6 49.8

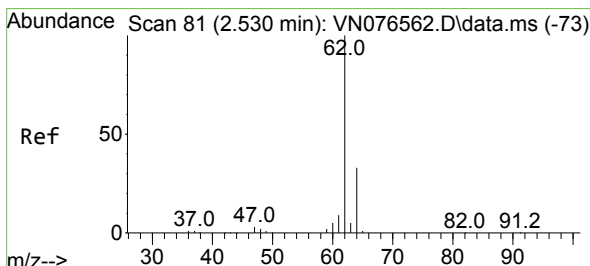
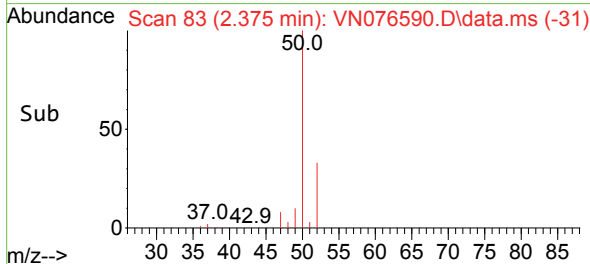
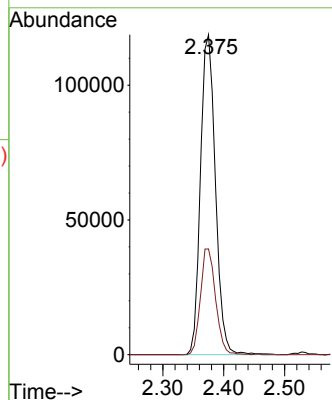
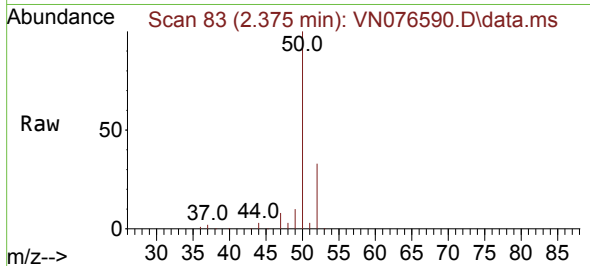




#3
Chloromethane
Concen: 38.736 ug/l
RT: 2.375 min Scan# 81
Delta R.T. 0.004 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

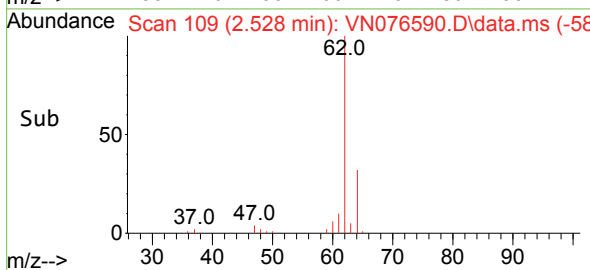
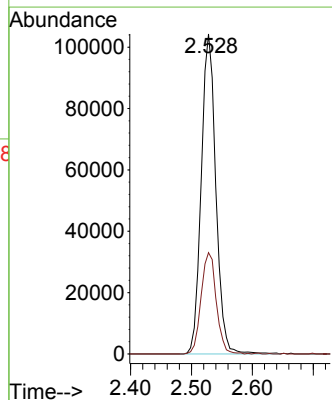
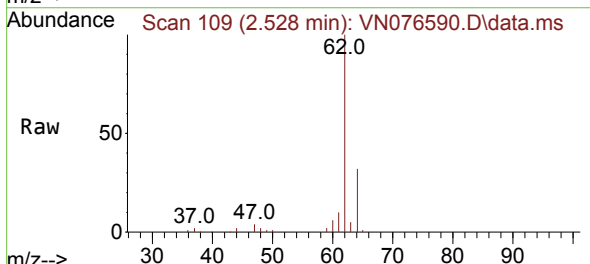
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

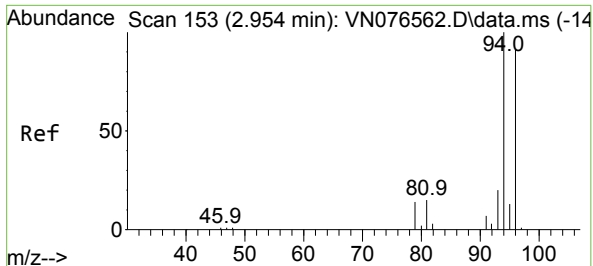
Tgt Ion: 50 Resp: 202009
Ion Ratio Lower Upper
50 100
52 33.1 27.0 40.4



#4
Vinyl Chloride
Concen: 36.246 ug/l
RT: 2.528 min Scan# 109
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

Tgt Ion: 62 Resp: 173565
Ion Ratio Lower Upper
62 100
64 31.6 26.0 39.0





#5

Bromomethane

Concen: 34.131 ug/l

RT: 2.951 min Scan# 11

Delta R.T. -0.003 min

Lab File: VN076590.D

Acq: 08 Feb 2023 19:22

Instrument :

MSVOA_N

ClientSampleId :

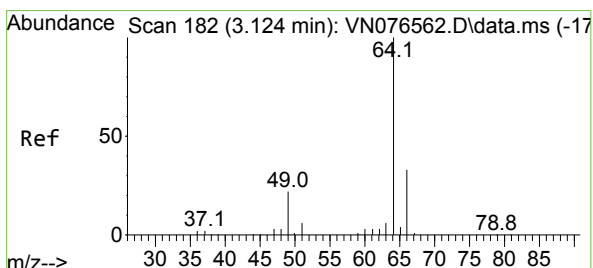
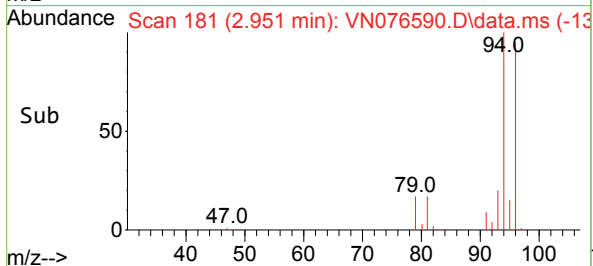
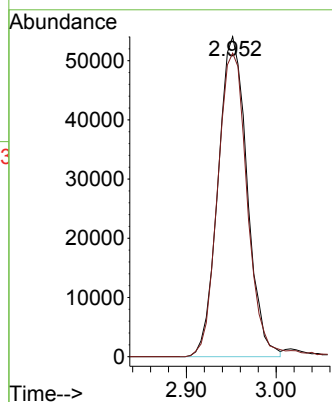
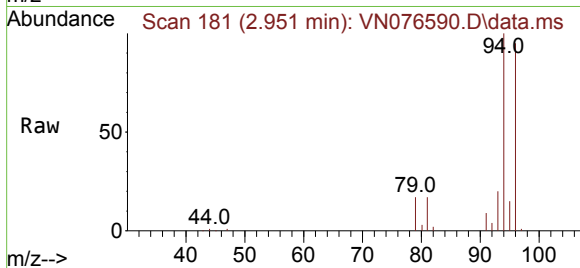
VSTDCCC050EC

Tgt Ion: 94 Resp: 121260

Ion Ratio Lower Upper

94 100

96 94.8 72.7 109.1



#6

Chloroethane

Concen: 32.875 ug/l

RT: 3.122 min Scan# 210

Delta R.T. -0.002 min

Lab File: VN076590.D

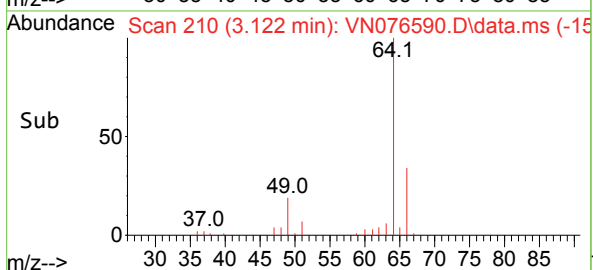
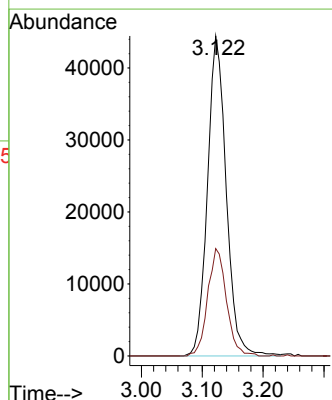
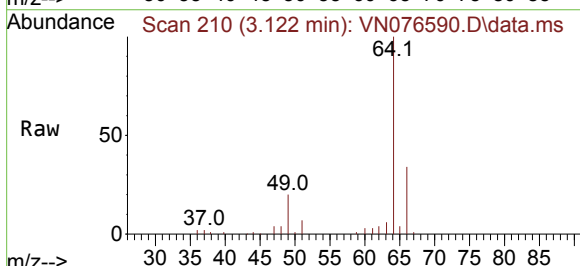
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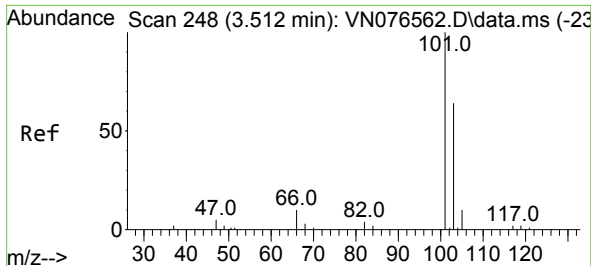
Tgt Ion: 64 Resp: 95220

Ion Ratio Lower Upper

64 100

66 33.5 26.3 39.5

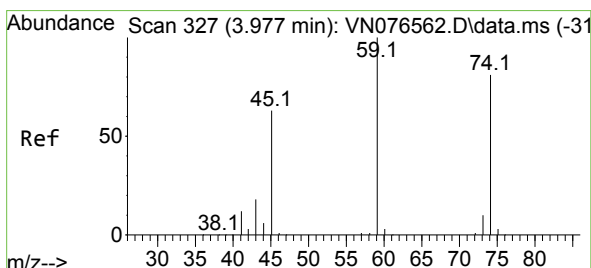
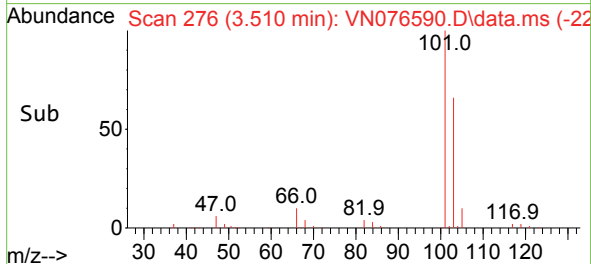
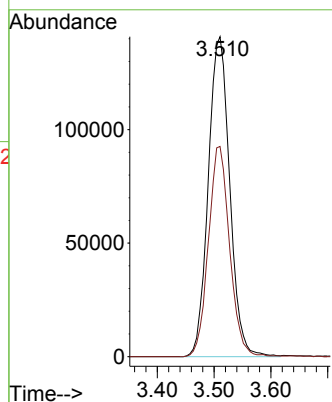
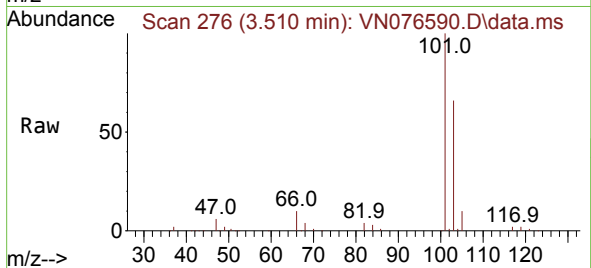




#7
 Trichlorofluoromethane
 Concen: 39.125 ug/l
 RT: 3.510 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: VN076590.D
 Acq: 08 Feb 2023 19:22

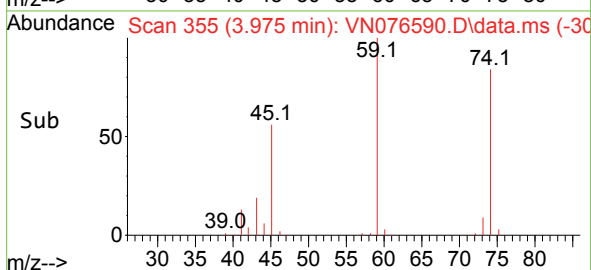
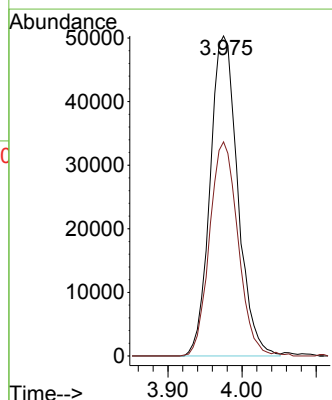
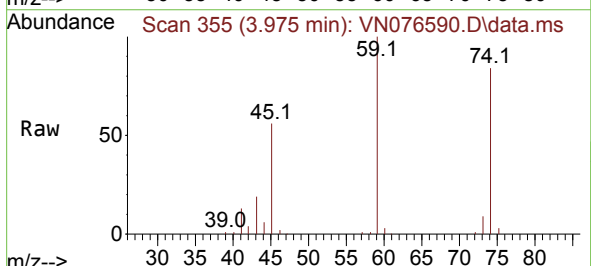
Instrument :
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 ClientSampleId :
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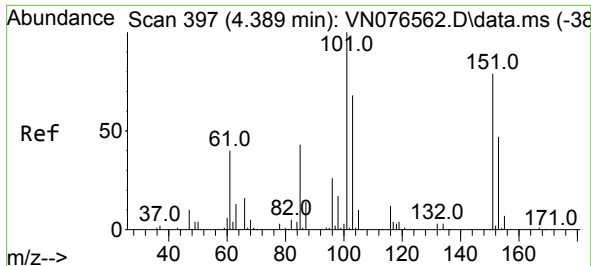
Tgt Ion:101 Resp: 369279
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.3 76.9



#8
 Diethyl Ether
 Concen: 36.506 ug/l
 RT: 3.975 min Scan# 355
 Delta R.T. -0.002 min
 Lab File: VN076590.D
 Acq: 08 Feb 2023 19:22

Tgt Ion: 74 Resp: 130471
 Ion Ratio Lower Upper
 74 100
 45 68.8 39.8 119.4

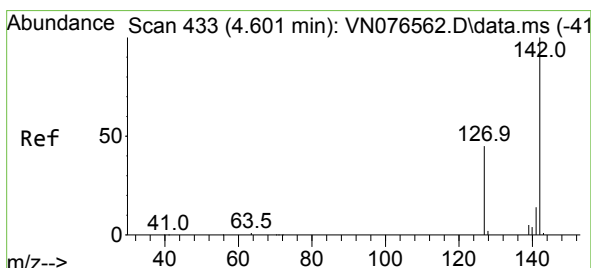
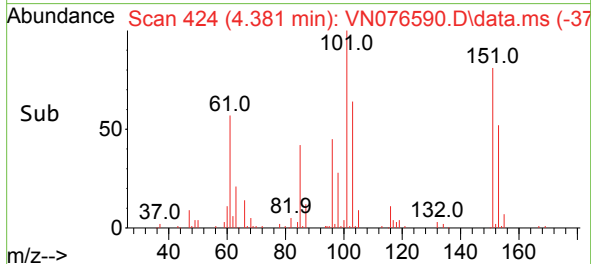
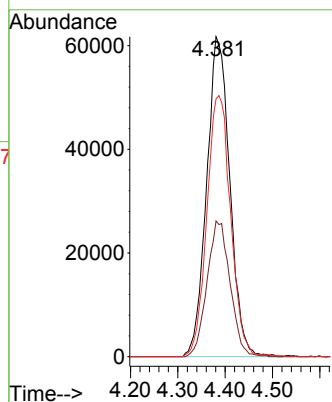
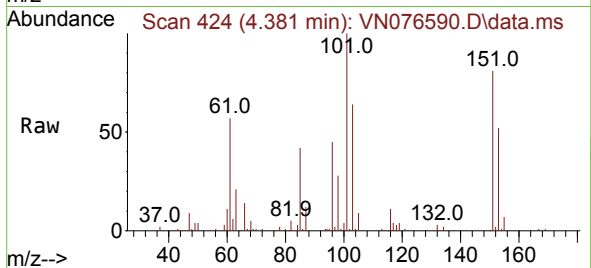




#9
1,1,2-Trichlorotrifluoroethane
Concen: 35.859 ug/l
RT: 4.381 min Scan# 41
Delta R.T. -0.008 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

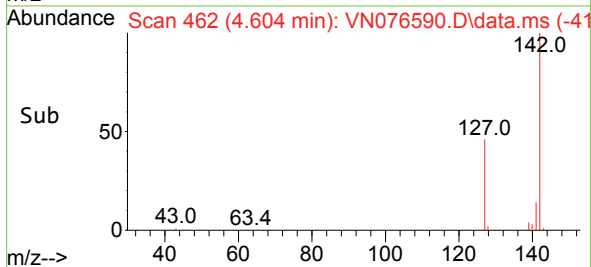
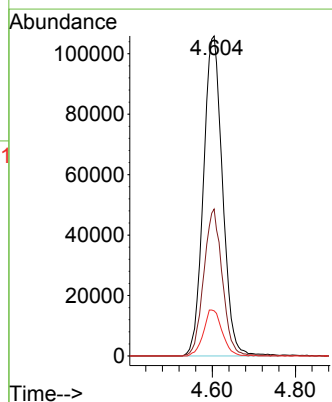
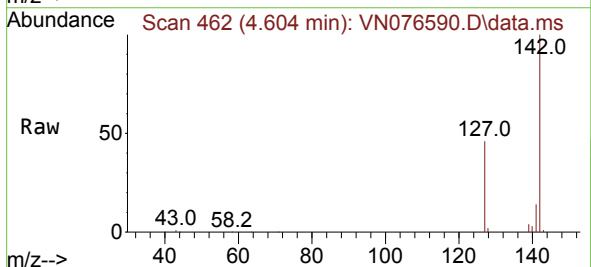
Instrument :
MSVOA_N
ClientSampleId :
VSTDC050EC

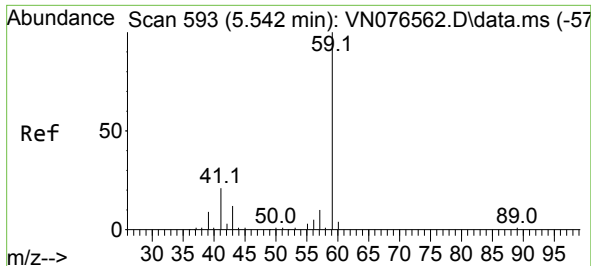
Tgt Ion:101 Resp: 209670
Ion Ratio Lower Upper
101 100
85 42.1 33.9 50.9
151 83.6 62.5 93.7



#10
Methyl Iodide
Concen: 39.496 ug/l
RT: 4.604 min Scan# 462
Delta R.T. 0.003 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

Tgt Ion:142 Resp: 337773
Ion Ratio Lower Upper
142 100
127 45.9 34.8 52.2
141 14.1 11.2 16.8

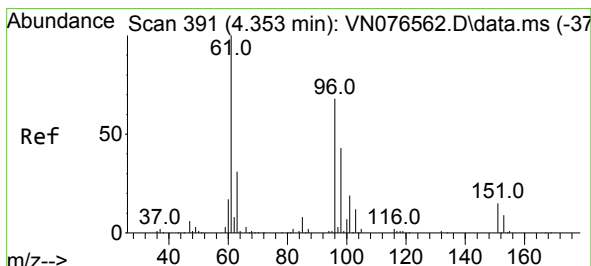
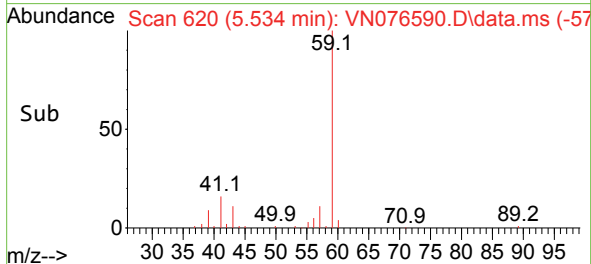
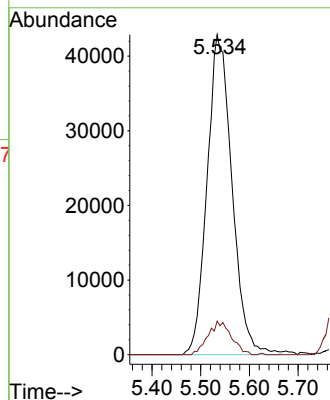
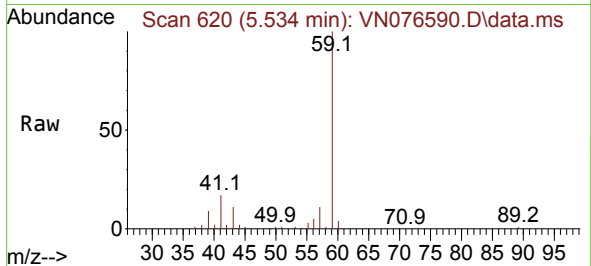




#11
Tert butyl alcohol
Concen: 181.014 ug/l
RT: 5.534 min Scan# 61
Delta R.T. -0.008 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

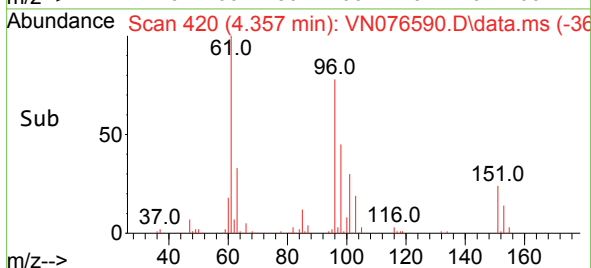
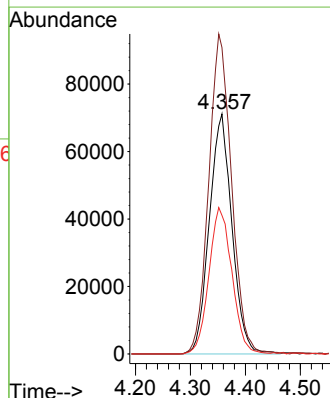
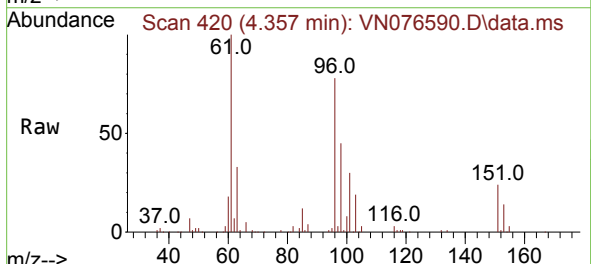
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

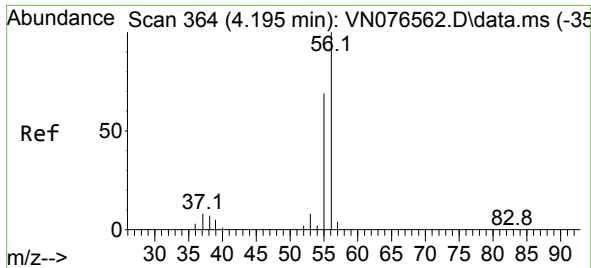
Tgt Ion: 59 Resp: 152003
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5



#12
1,1-Dichloroethene
Concen: 37.297 ug/l
RT: 4.357 min Scan# 420
Delta R.T. 0.004 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

Tgt Ion: 96 Resp: 203731
Ion Ratio Lower Upper
96 100
61 127.7 118.3 177.5
98 57.7 50.7 76.1

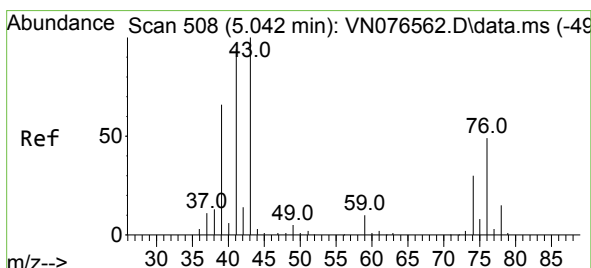
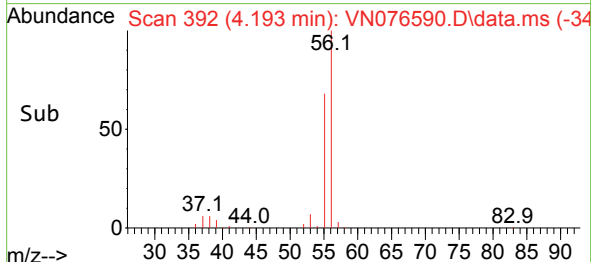
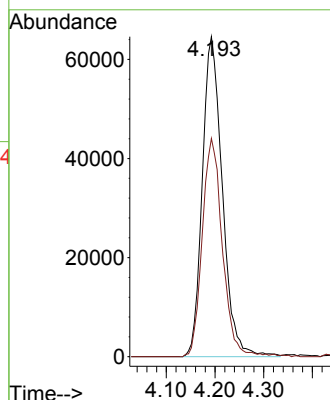
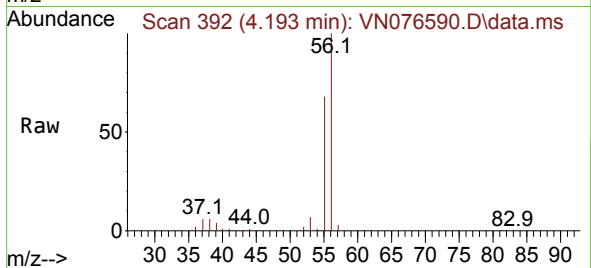




#13
Acrolein
Concen: 164.305 ug/l
RT: 4.193 min Scan# 364
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

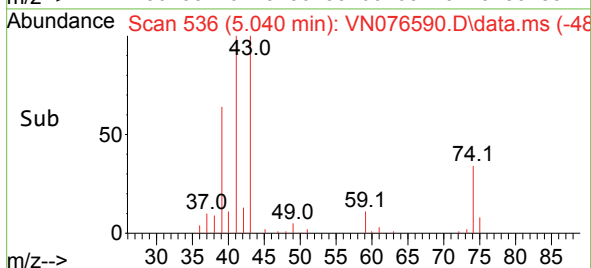
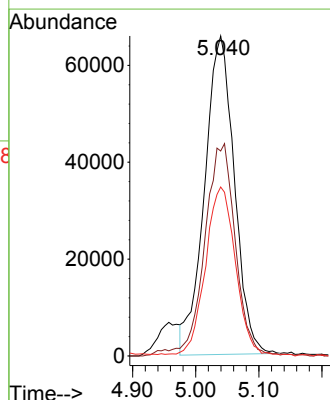
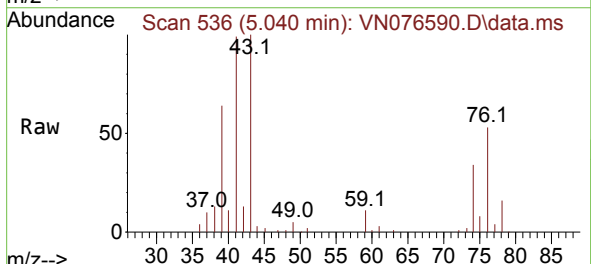
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

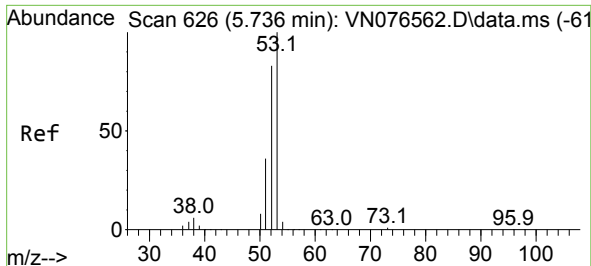
Tgt Ion: 56 Resp: 184318
Ion Ratio Lower Upper
56 100
55 68.2 54.7 82.1



#14
Allyl chloride
Concen: 30.366 ug/l
RT: 5.040 min Scan# 536
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

Tgt Ion: 41 Resp: 216021
Ion Ratio Lower Upper
41 100
39 68.9 55.8 83.6
76 53.9 36.8 55.2

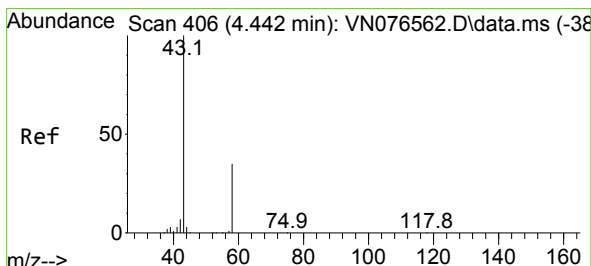
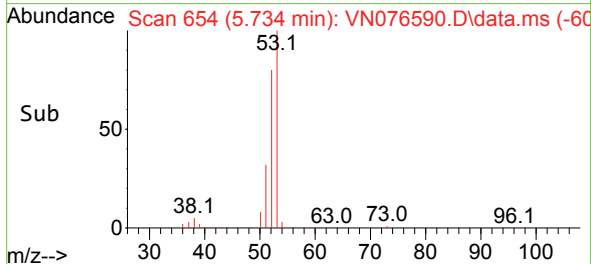
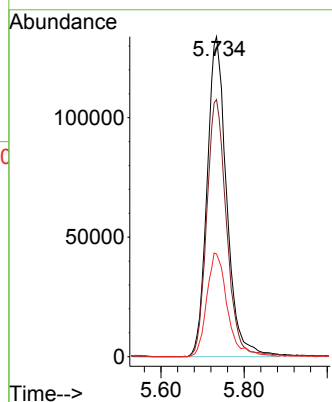
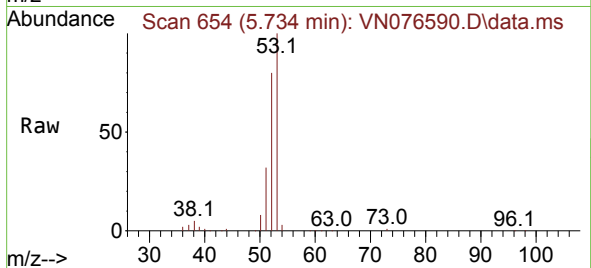




#15
Acrylonitrile
Concen: 173.452 ug/l
RT: 5.734 min Scan# 61
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

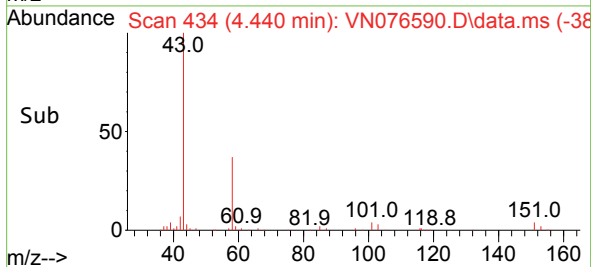
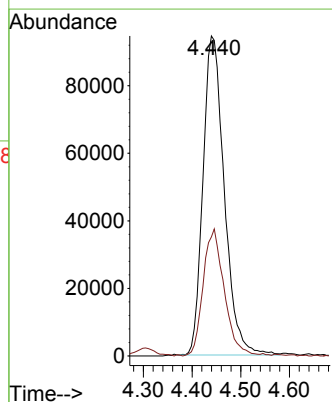
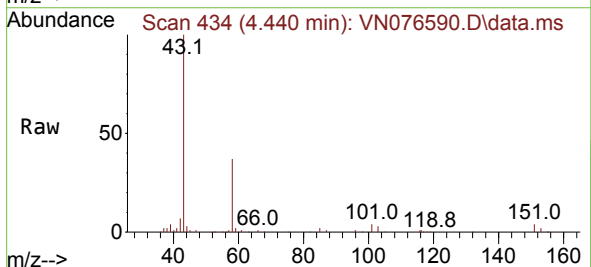
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

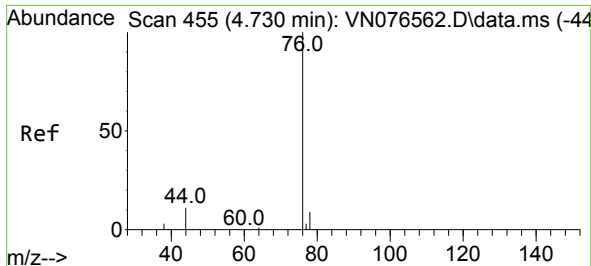
Tgt Ion: 53 Resp: 437080
Ion Ratio Lower Upper
53 100
52 81.1 64.6 96.8
51 34.1 27.9 41.9



#16
Acetone
Concen: 135.157 ug/l
RT: 4.440 min Scan# 434
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

Tgt Ion: 43 Resp: 287278
Ion Ratio Lower Upper
43 100
58 37.1 28.4 42.6

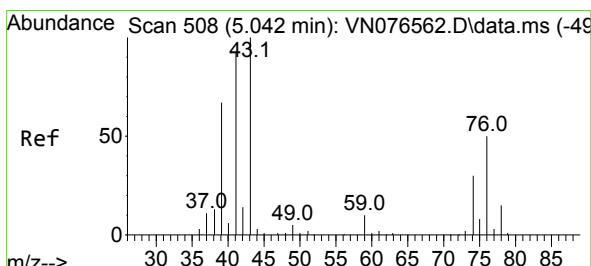
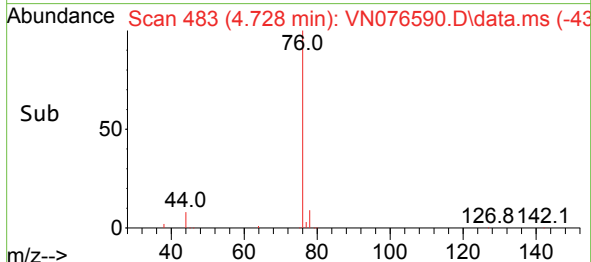
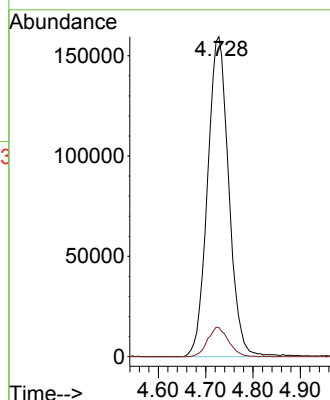
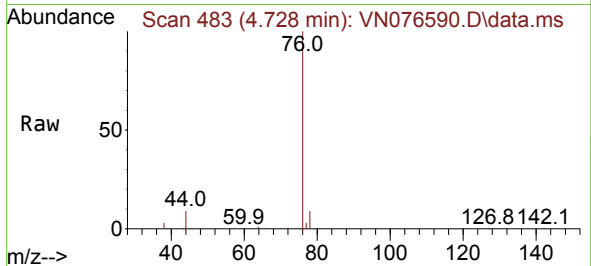




#17
Carbon Disulfide
Concen: 35.089 ug/l
RT: 4.728 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

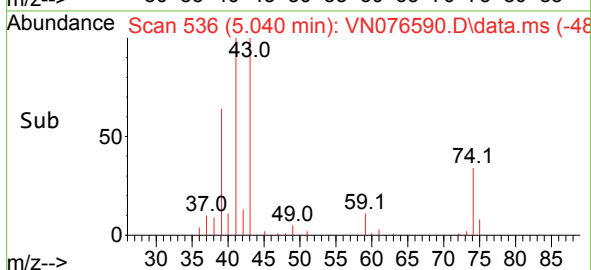
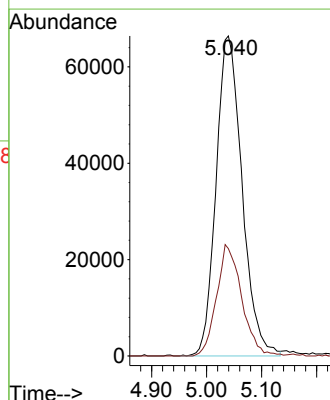
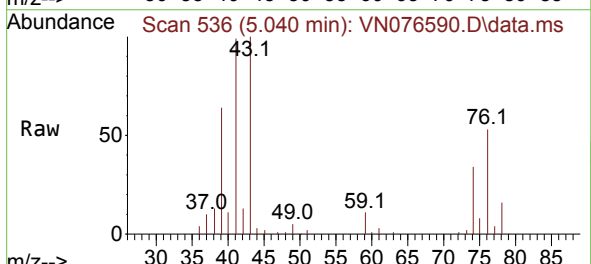
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

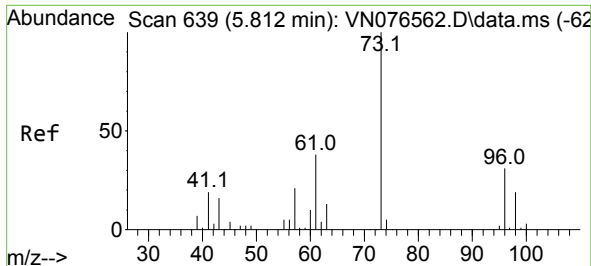
Tgt Ion: 76 Resp: 496529
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4



#18
Methyl Acetate
Concen: 32.474 ug/l
RT: 5.040 min Scan# 536
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

Tgt Ion: 43 Resp: 218393
Ion Ratio Lower Upper
43 100
74 33.5 23.9 35.9

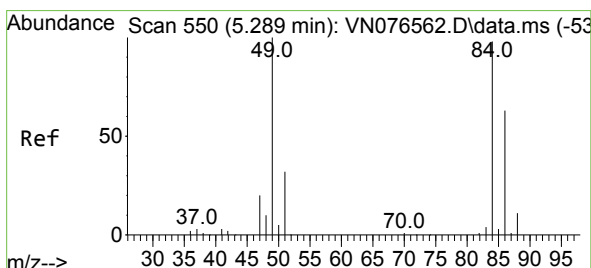
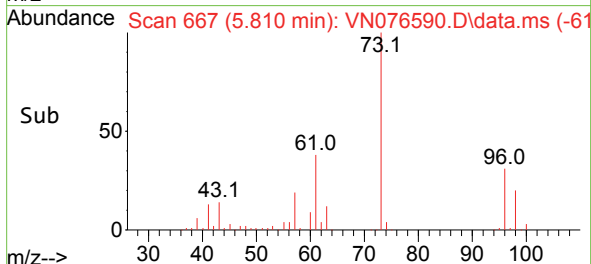
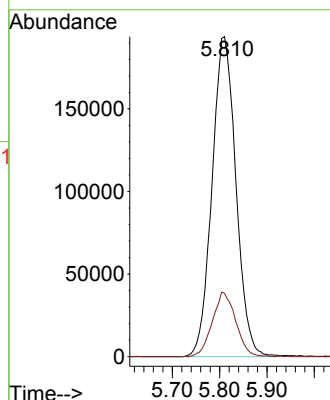
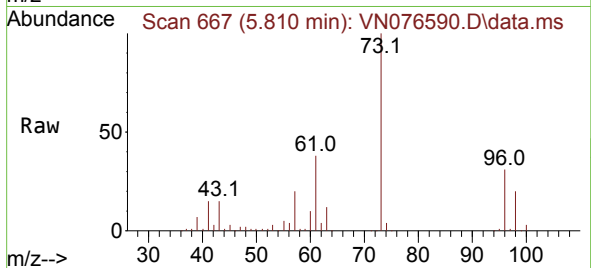




#19
Methyl tert-butyl Ether
Concen: 37.387 ug/l
RT: 5.810 min Scan# 610
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

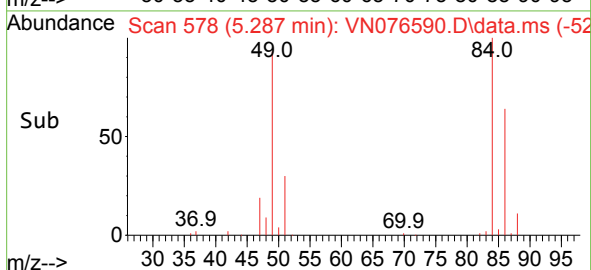
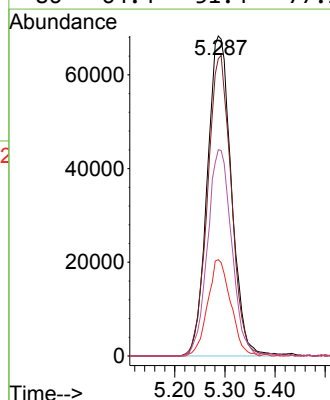
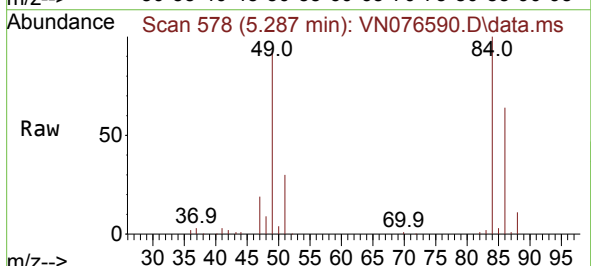
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

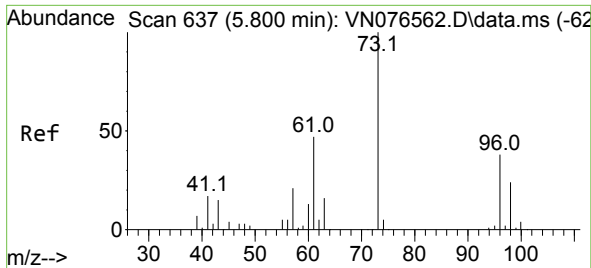
Tgt Ion: 73 Resp: 679183
Ion Ratio Lower Upper
73 100
57 19.8 17.0 25.6



#20
Methylene Chloride
Concen: 34.763 ug/l
RT: 5.287 min Scan# 578
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

Tgt Ion: 84 Resp: 227779
Ion Ratio Lower Upper
84 100
49 92.9 82.0 123.0
51 30.1 26.0 39.0
86 64.4 51.4 77.2

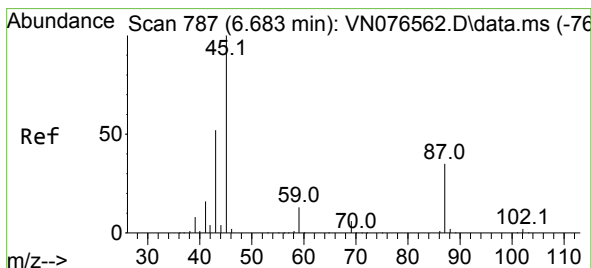
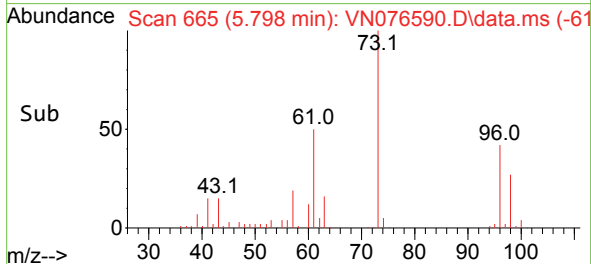
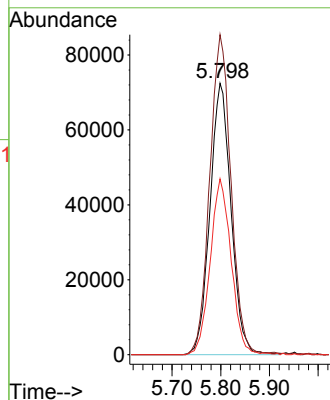
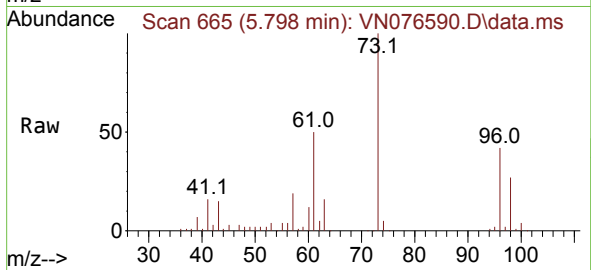




#21
trans-1,2-Dichloroethene
Concen: 36.714 ug/l
RT: 5.798 min Scan# 610
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

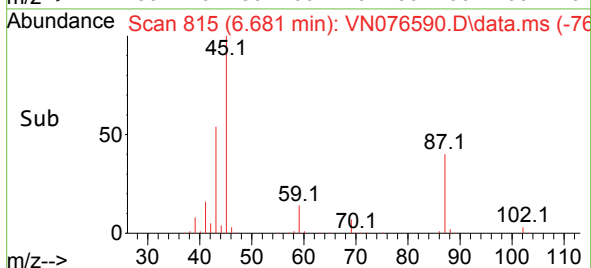
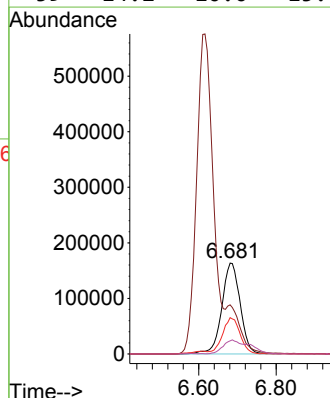
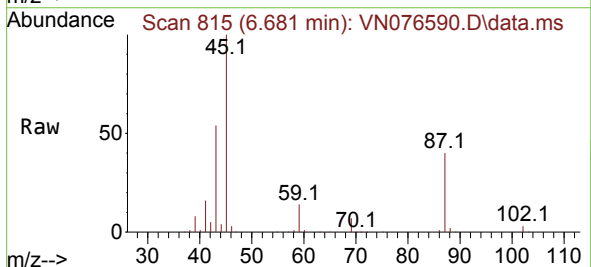
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

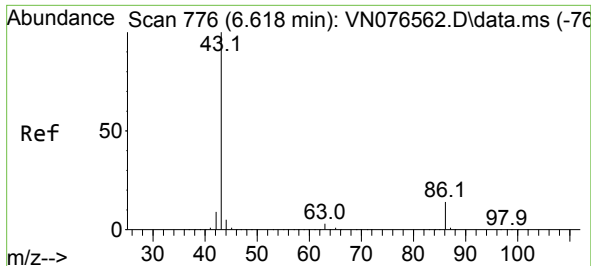
Tgt Ion: 96 Resp: 217974
Ion Ratio Lower Upper
96 100
61 117.9 98.9 148.3
98 64.8 49.4 74.2



#22
Diisopropyl ether
Concen: 33.407 ug/l
RT: 6.681 min Scan# 815
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

Tgt Ion: 45 Resp: 538641
Ion Ratio Lower Upper
45 100
43 53.3 41.4 62.2
87 39.9 28.2 42.4
59 14.2 10.0 15.0

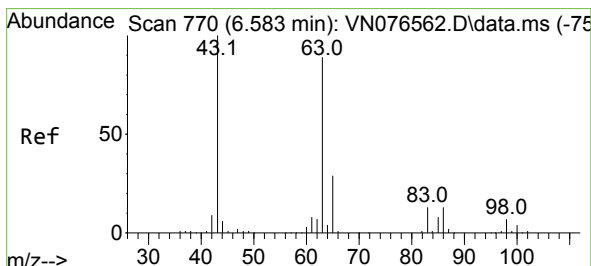
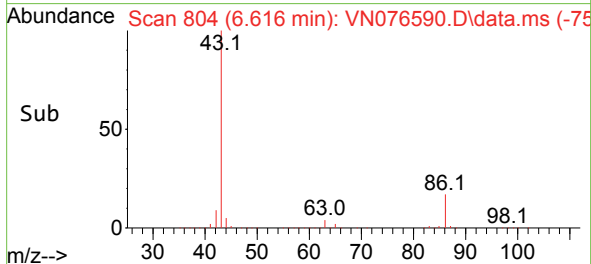
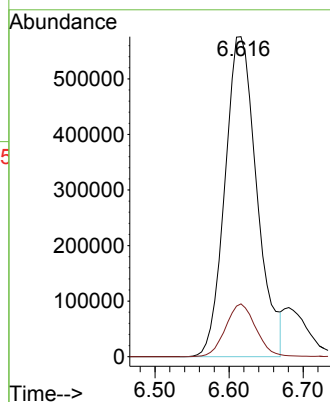
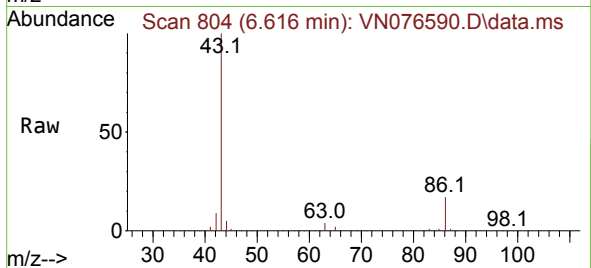




#23
 Vinyl Acetate
 Concen: 171.089 ug/l
 RT: 6.616 min Scan# 804
 Delta R.T. -0.002 min
 Lab File: VN076590.D
 Acq: 08 Feb 2023 19:22

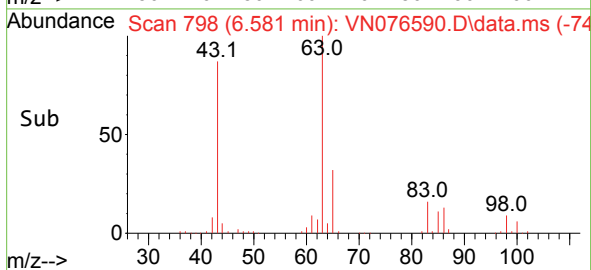
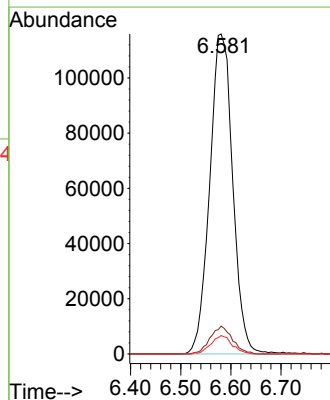
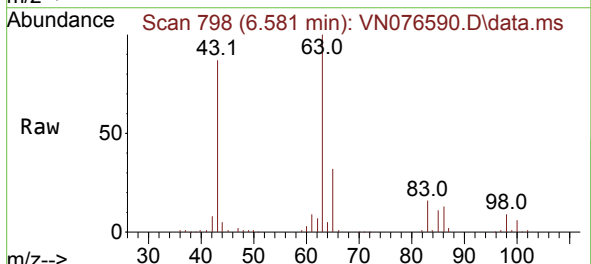
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

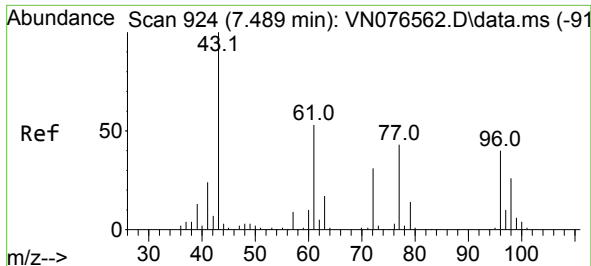
Tgt Ion: 43 Resp: 1726028
 Ion Ratio Lower Upper
 43 100
 86 16.5 11.3 16.9



#24
 1,1-Dichloroethane
 Concen: 35.677 ug/l
 RT: 6.581 min Scan# 798
 Delta R.T. -0.002 min
 Lab File: VN076590.D
 Acq: 08 Feb 2023 19:22

Tgt Ion: 63 Resp: 369380
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.8 11.4
 100 5.8 2.5 7.4





#25

2-Butanone

Concen: 171.332 ug/l

RT: 7.492 min Scan# 91

Delta R.T. 0.003 min

Lab File: VN076590.D

Acq: 08 Feb 2023 19:22

Instrument :

MSVOA_N

ClientSampleId :

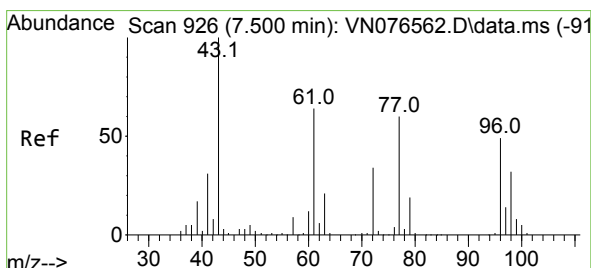
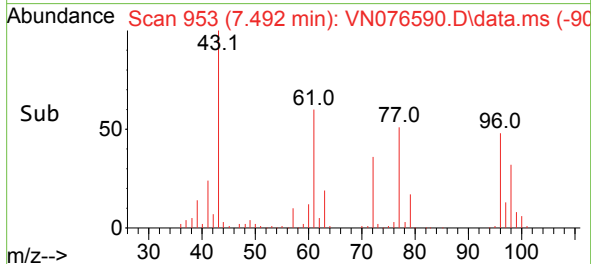
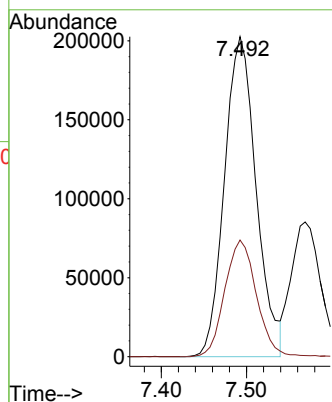
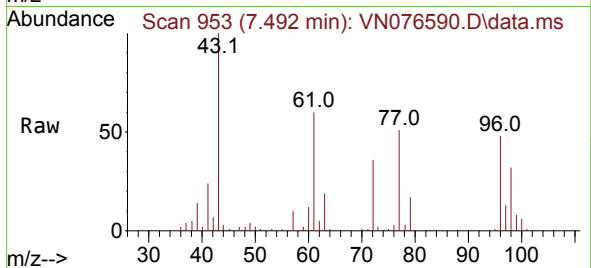
VSTDCCC050EC

Tgt Ion: 43 Resp: 523462

Ion Ratio Lower Upper

43 100

72 36.5 25.1 37.7



#26

2,2-Dichloropropane

Concen: 37.231 ug/l

RT: 7.498 min Scan# 954

Delta R.T. -0.002 min

Lab File: VN076590.D

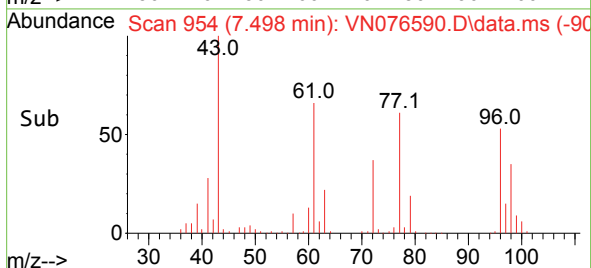
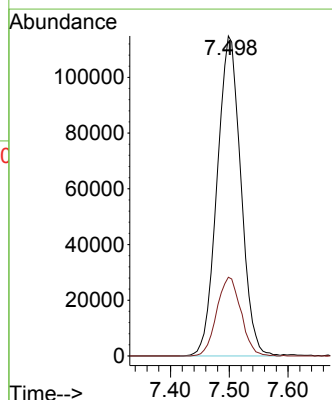
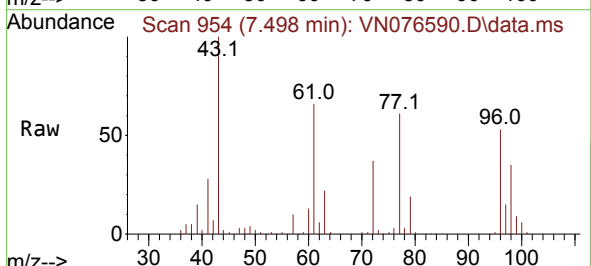
Acq: 08 Feb 2023 19:22

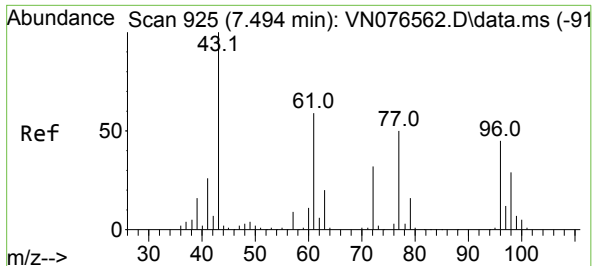
Tgt Ion: 77 Resp: 321773

Ion Ratio Lower Upper

77 100

97 25.1 11.7 35.0

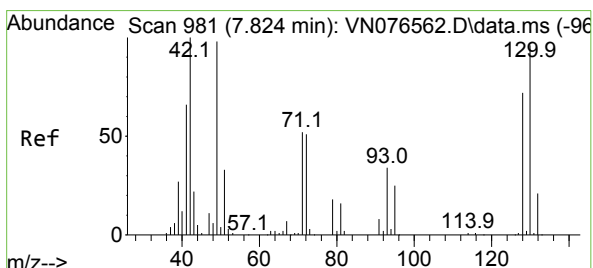
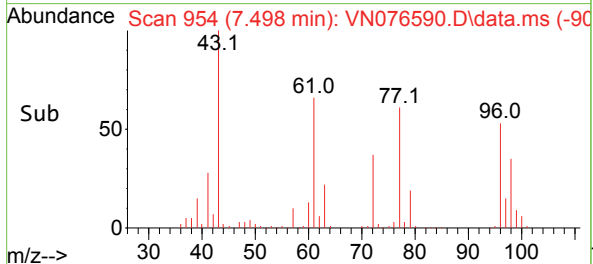
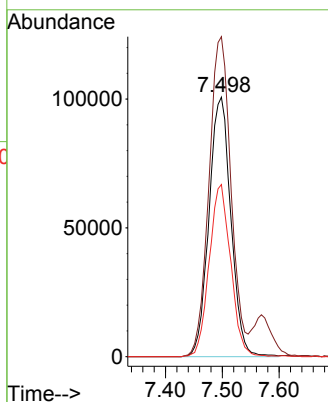
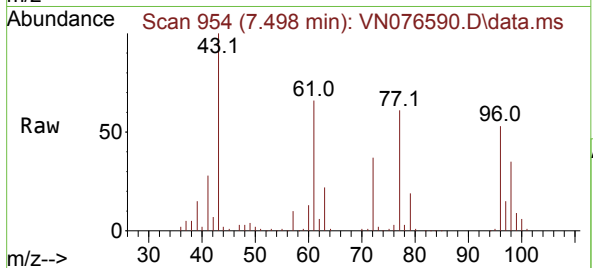




#27
 cis-1,2-Dichloroethene
 Concen: 38.867 ug/l
 RT: 7.498 min Scan# 91
 Delta R.T. 0.004 min
 Lab File: VN076590.D
 Acq: 08 Feb 2023 19:22

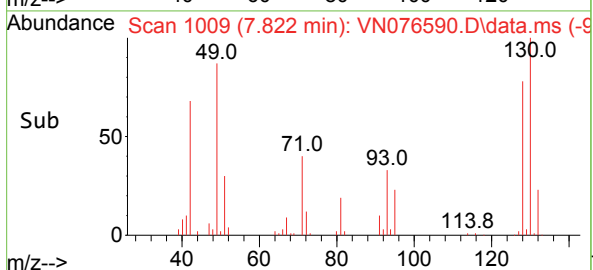
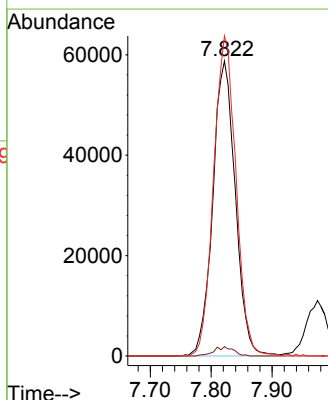
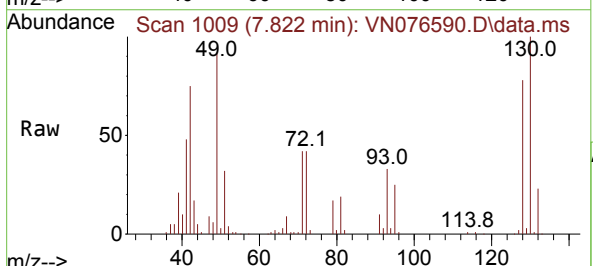
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

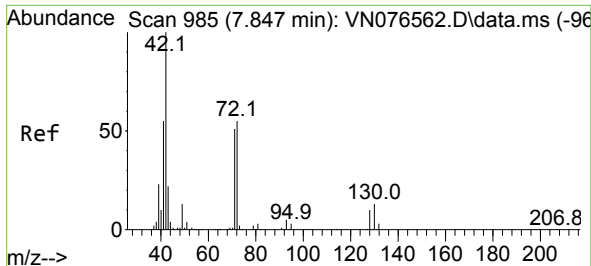
Tgt Ion: 96 Resp: 269852
 Ion Ratio Lower Upper
 96 100
 61 124.2 0.0 262.2
 98 64.9 0.0 128.6



#28
 Bromochloromethane
 Concen: 36.423 ug/l
 RT: 7.822 min Scan# 1009
 Delta R.T. -0.002 min
 Lab File: VN076590.D
 Acq: 08 Feb 2023 19:22

Tgt Ion: 49 Resp: 151099
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 4.6
 130 107.7 74.3 111.5





#29

Tetrahydrofuran

Concen: 179.229 ug/l

RT: 7.845 min Scan# 1013

Delta R.T. -0.002 min

Lab File: VN076590.D

Acq: 08 Feb 2023 19:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

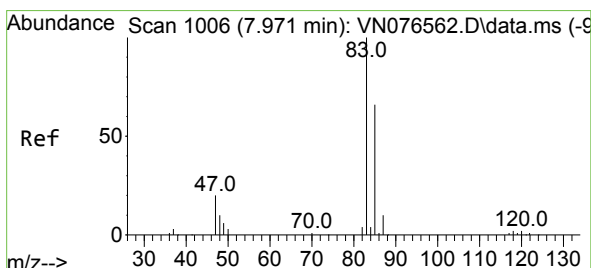
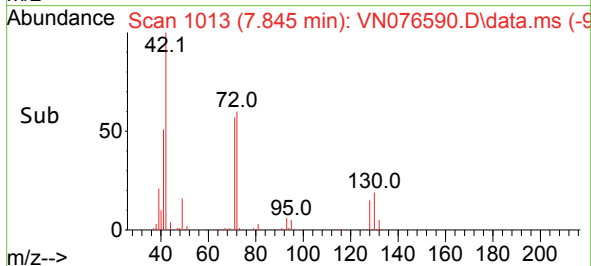
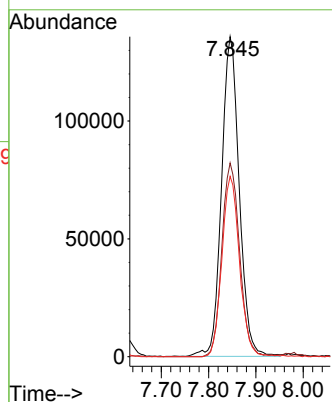
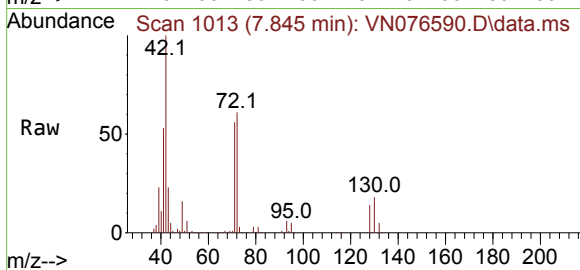
Tgt Ion: 42 Resp: 351931

Ion Ratio Lower Upper

42 100

72 60.9 42.9 64.3

71 56.4 39.9 59.9



#30

Chloroform

Concen: 39.824 ug/l

RT: 7.975 min Scan# 1035

Delta R.T. 0.004 min

Lab File: VN076590.D

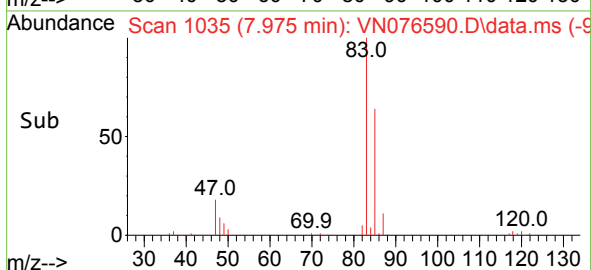
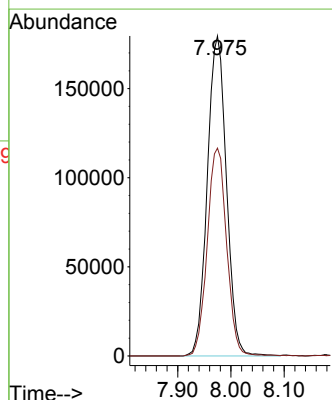
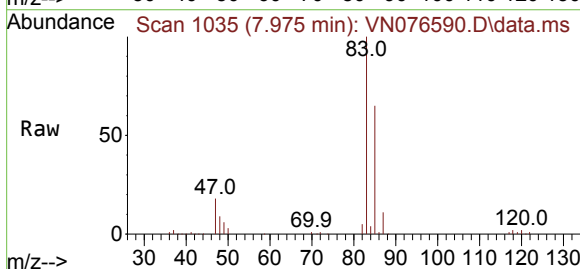
Acq: 08 Feb 2023 19:22

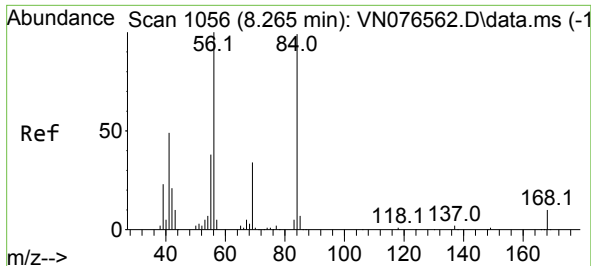
Tgt Ion: 83 Resp: 447286

Ion Ratio Lower Upper

83 100

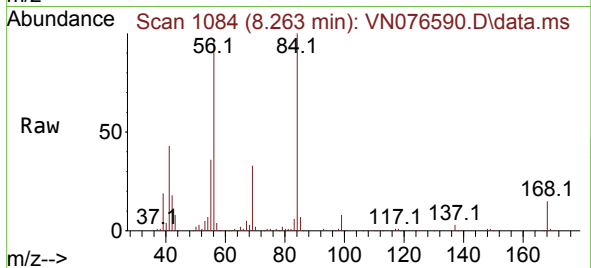
85 65.0 52.5 78.7



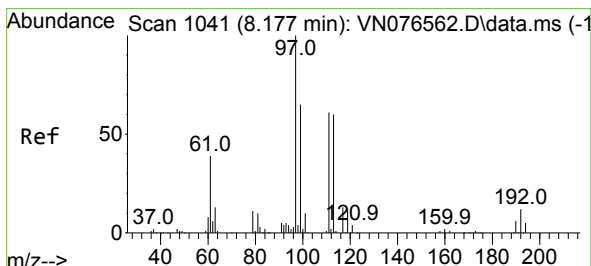
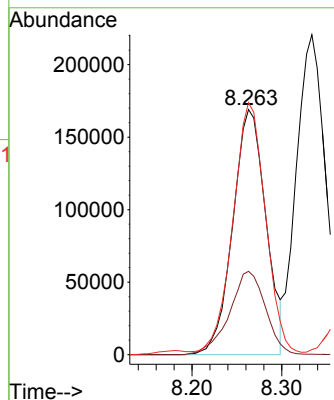
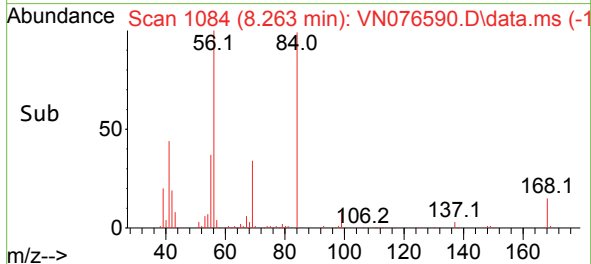


#31
Cyclohexane
Concen: 42.481 ug/l
RT: 8.263 min Scan# 1084
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

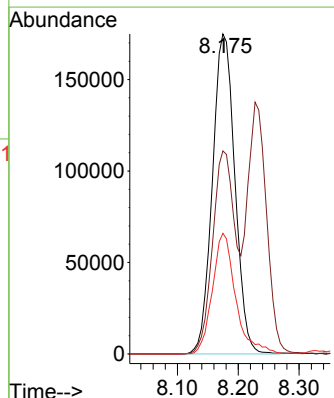
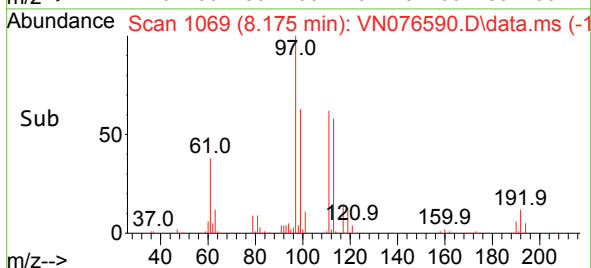
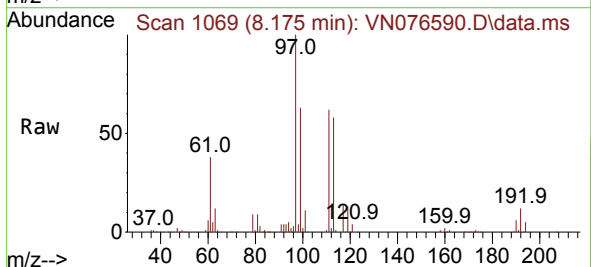


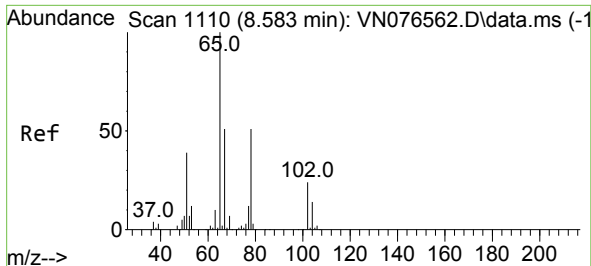
Tgt Ion: 56 Resp: 432869
Ion Ratio Lower Upper
56 100
69 34.0 27.0 40.4
84 101.3 79.5 119.3



#32
1,1,1-Trichloroethane
Concen: 44.588 ug/l
RT: 8.175 min Scan# 1069
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

Tgt Ion: 97 Resp: 448740
Ion Ratio Lower Upper
97 100
99 64.3 53.5 80.3
61 39.1 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 42.674 ug/l

RT: 8.586 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VN076590.D

Acq: 08 Feb 2023 19:22

Instrument :

MSVOA_N

ClientSampleId :

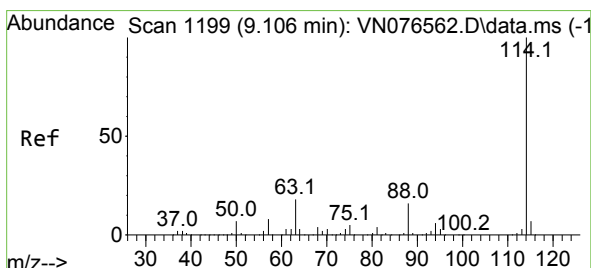
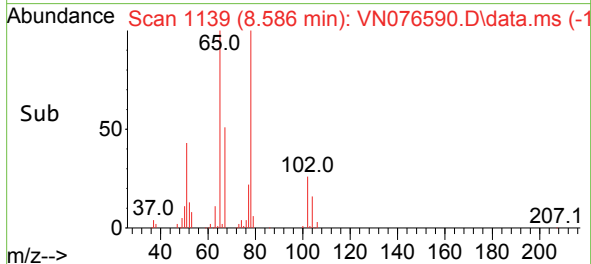
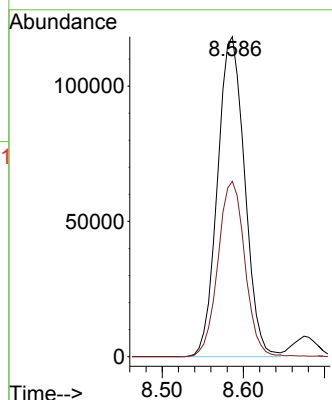
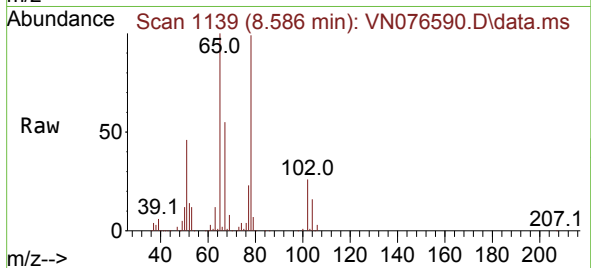
VSTDCCC050EC

Tgt Ion: 65 Resp: 275120

Ion Ratio Lower Upper

65 100

67 54.4 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.104 min Scan# 1227

Delta R.T. -0.002 min

Lab File: VN076590.D

Acq: 08 Feb 2023 19:22

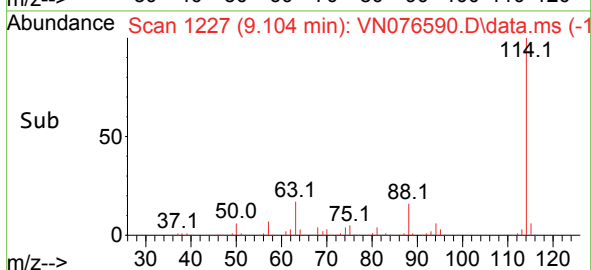
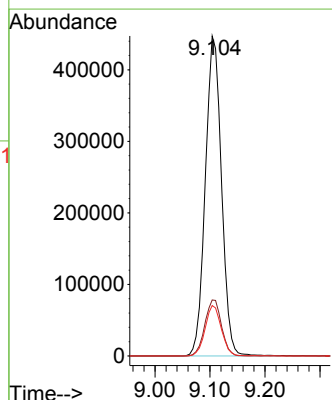
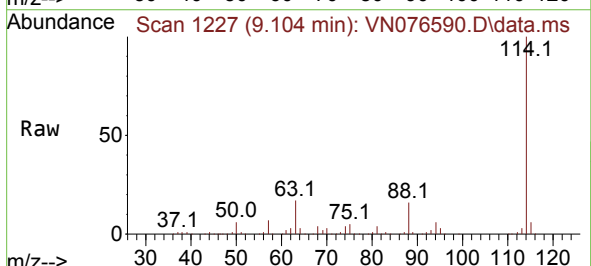
Tgt Ion: 114 Resp: 912989

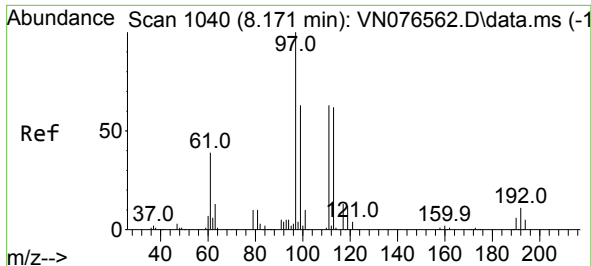
Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.6

88 15.8 0.0 32.0

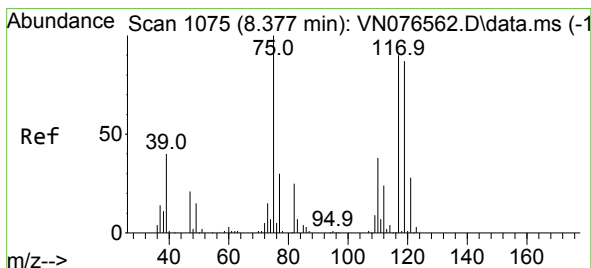
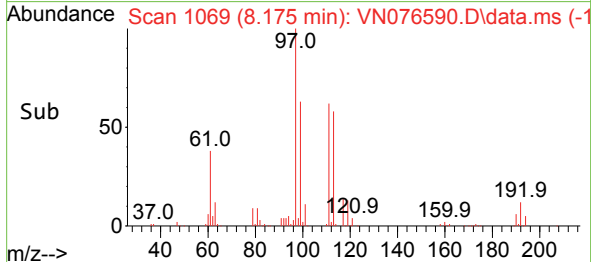
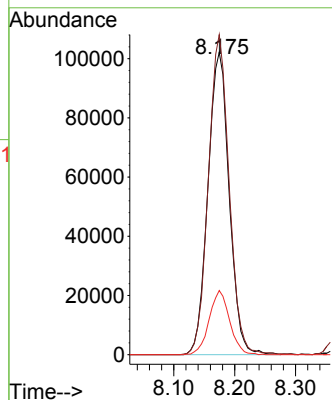
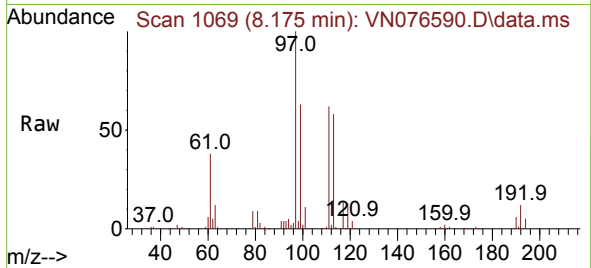




#35
Dibromofluoromethane
Concen: 43.686 ug/l
RT: 8.175 min Scan# 1103
Delta R.T. 0.004 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

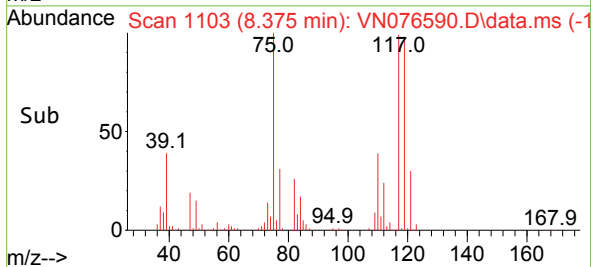
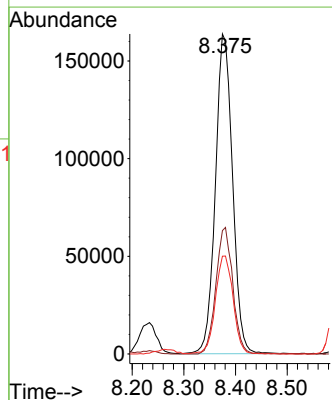
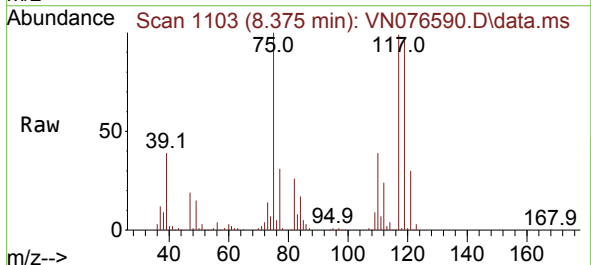
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

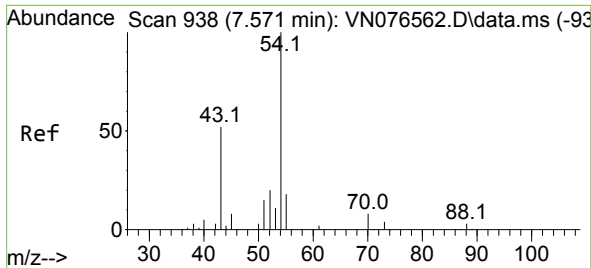
Tgt Ion:113 Resp: 247939
Ion Ratio Lower Upper
113 100
111 103.4 82.0 123.0
192 20.4 14.8 22.2



#36
1,1-Dichloropropene
Concen: 46.579 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

Tgt Ion: 75 Resp: 377437
Ion Ratio Lower Upper
75 100
110 38.9 18.6 55.6
77 31.6 25.1 37.7

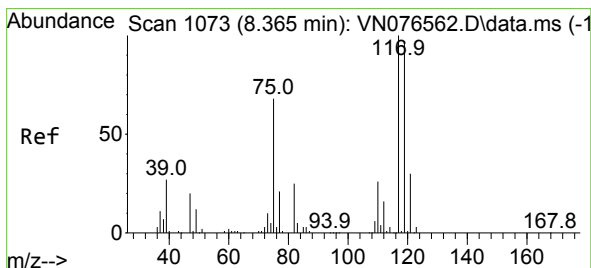
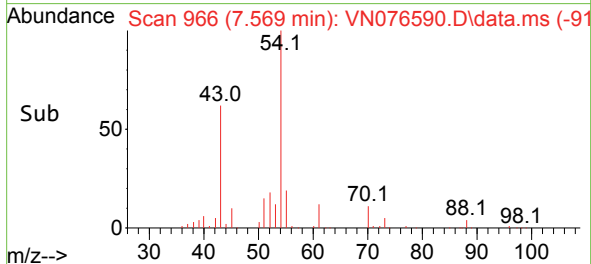
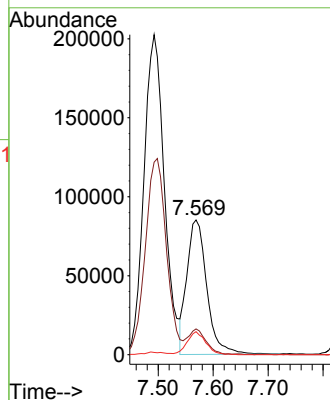
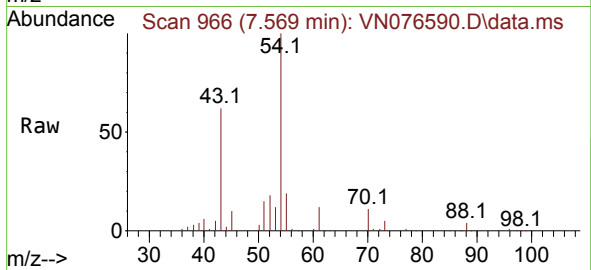




#37
Ethyl Acetate
Concen: 35.252 ug/l
RT: 7.569 min Scan# 910
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

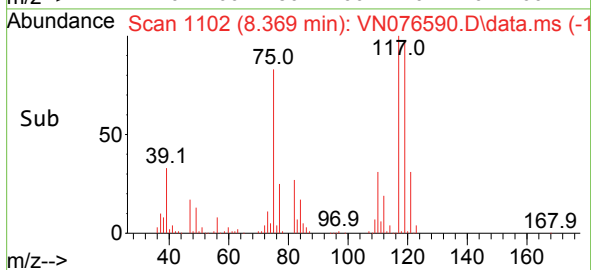
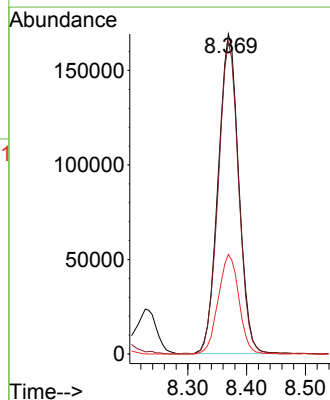
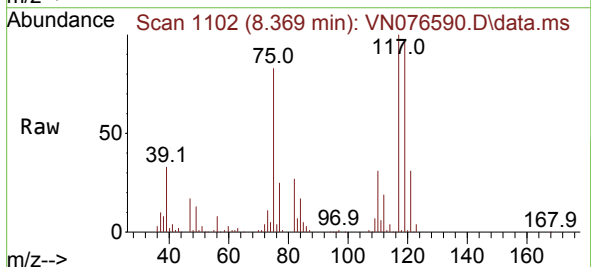
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

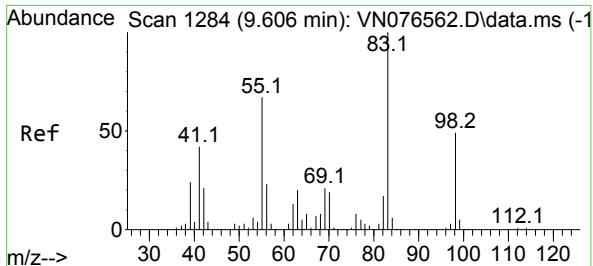
Tgt Ion: 43 Resp: 214015
Ion Ratio Lower Upper
43 100
61 16.9 11.8 17.6
70 16.0 10.4 15.6#



#38
Carbon Tetrachloride
Concen: 47.281 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.004 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

Tgt Ion: 117 Resp: 411930
Ion Ratio Lower Upper
117 100
119 97.5 77.2 115.8
121 31.1 23.9 35.9





#39

Methylcyclohexane

Concen: 52.386 ug/l

RT: 9.604 min Scan# 1144

Delta R.T. -0.002 min

Lab File: VN076590.D

Acq: 08 Feb 2023 19:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

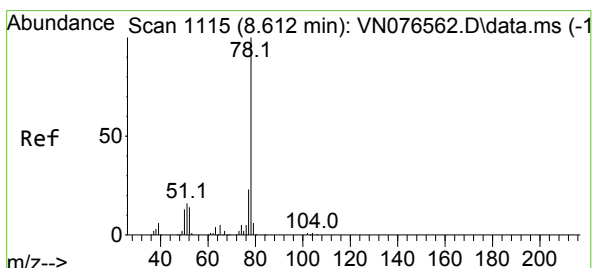
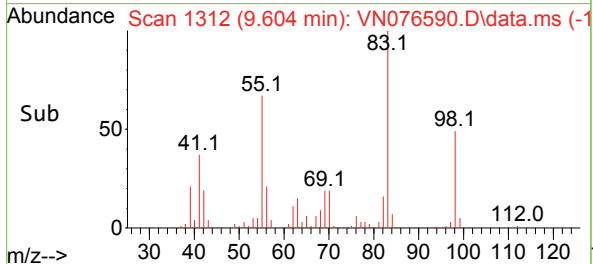
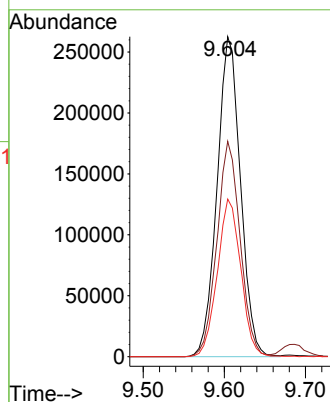
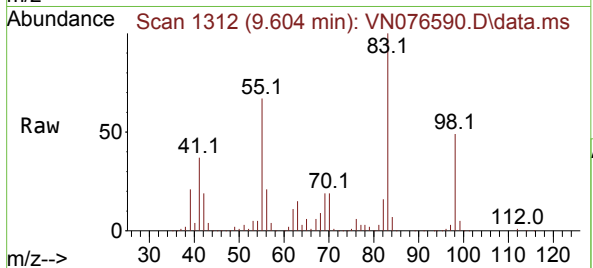
Tgt Ion: 83 Resp: 527175

Ion Ratio Lower Upper

83 100

55 67.3 53.8 80.6

98 49.2 39.0 58.6



#40

Benzene

Concen: 48.851 ug/l

RT: 8.616 min Scan# 1144

Delta R.T. 0.004 min

Lab File: VN076590.D

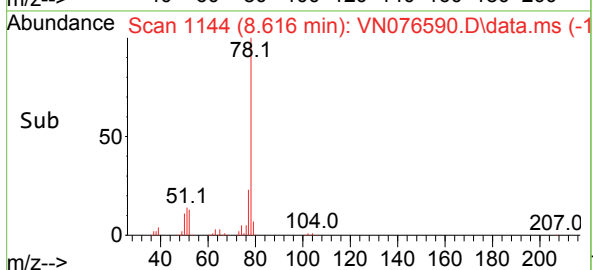
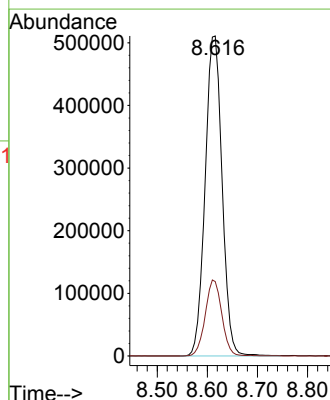
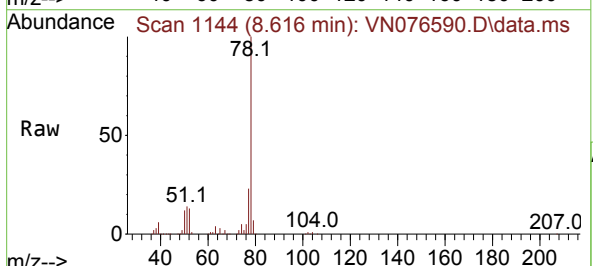
Acq: 08 Feb 2023 19:22

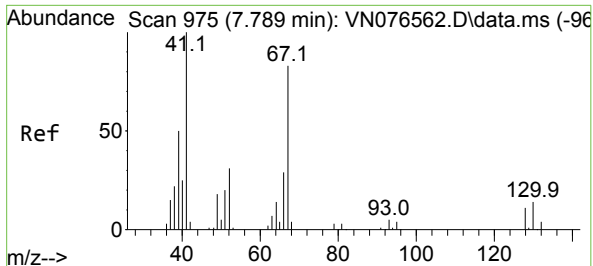
Tgt Ion: 78 Resp: 1199950

Ion Ratio Lower Upper

78 100

77 23.3 18.6 27.8

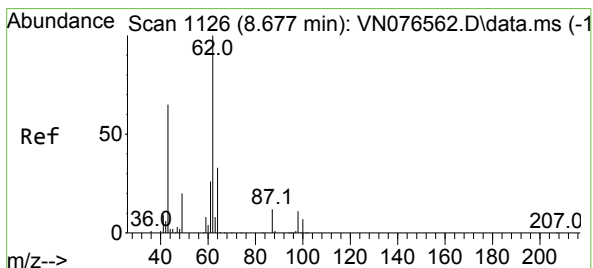
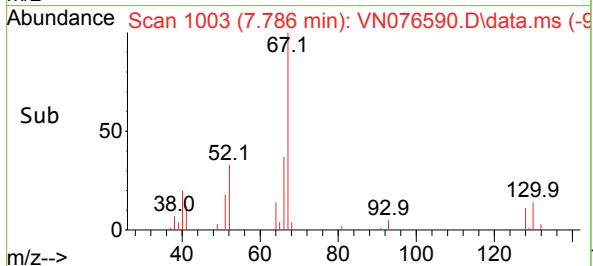
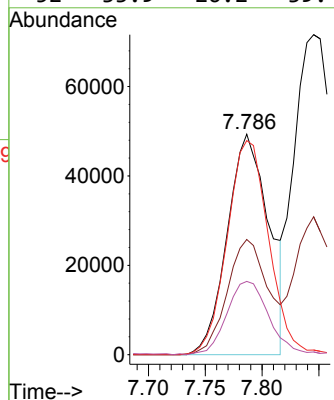
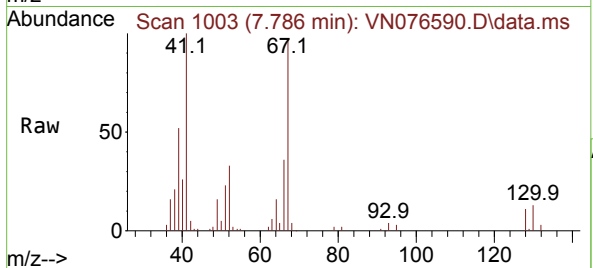




#41
Methacrylonitrile
Concen: 36.629 ug/l
RT: 7.786 min Scan# 1154
Delta R.T. -0.003 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

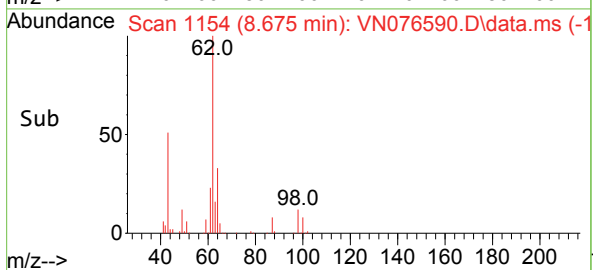
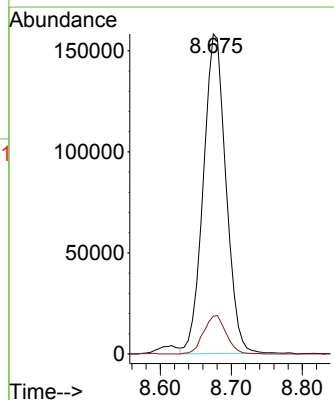
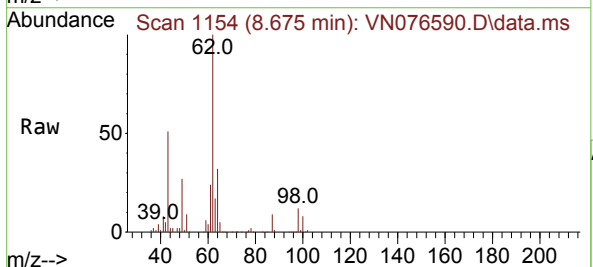
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

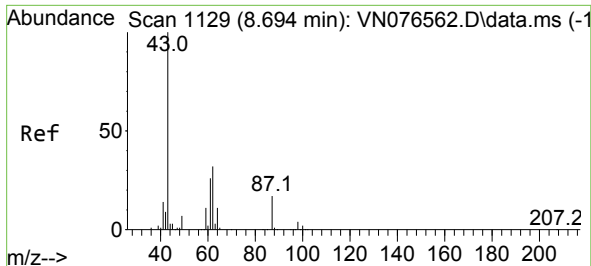
Tgt Ion:	41	Resp:	125912
Ion	Ratio	Lower	Upper
41	100		
39	51.4	41.3	61.9
67	97.0	69.6	104.4
52	33.9	26.2	39.4



#42
1,2-Dichloroethane
Concen: 43.876 ug/l
RT: 8.675 min Scan# 1154
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

Tgt Ion:	62	Resp:	350895
Ion	Ratio	Lower	Upper
62	100		
98	12.0	0.0	21.6

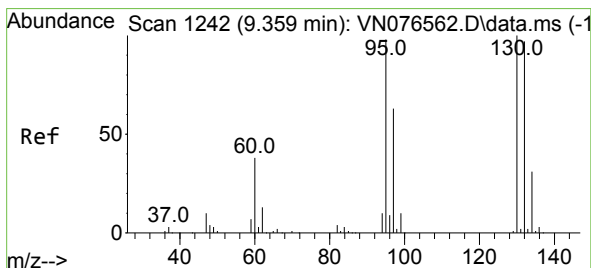
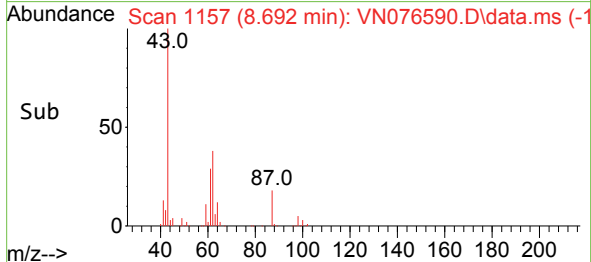
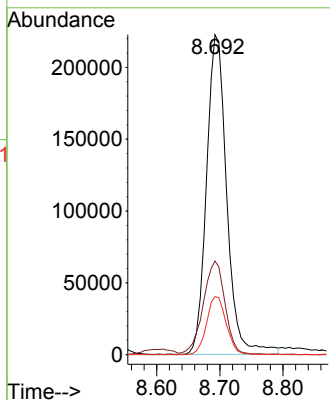
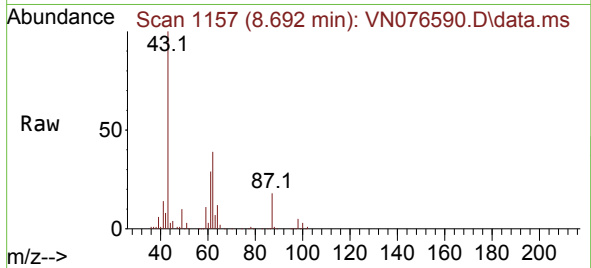




#43
Isopropyl Acetate
Concen: 49.199 ug/l
RT: 8.692 min Scan# 1129
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

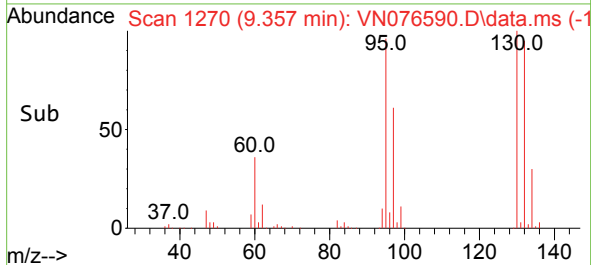
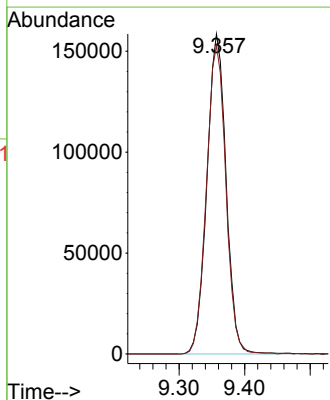
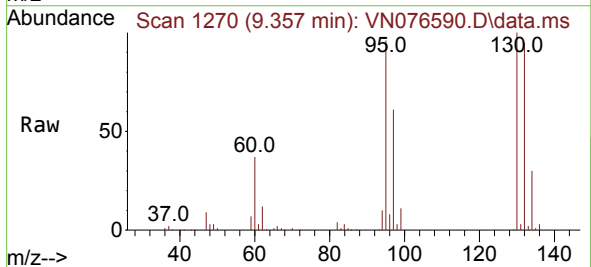
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

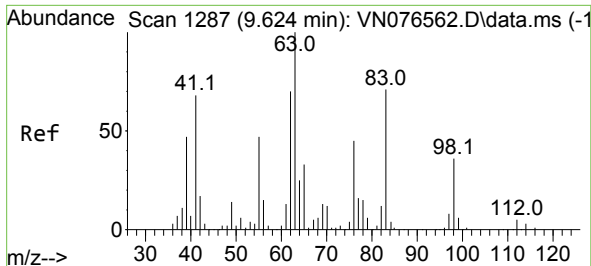
Tgt Ion: 43 Resp: 497012
Ion Ratio Lower Upper
43 100
61 31.4 24.5 36.7
87 17.6 13.6 20.4



#44
Trichloroethene
Concen: 49.040 ug/l
RT: 9.357 min Scan# 1270
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

Tgt Ion:130 Resp: 321674
Ion Ratio Lower Upper
130 100
95 96.4 0.0 196.0





#45

1,2-Dichloropropane

Concen: 51.809 ug/l

RT: 9.628 min Scan# 11

Delta R.T. 0.004 min

Lab File: VN076590.D

Acq: 08 Feb 2023 19:22

Instrument :

MSVOA_N

ClientSampleId :

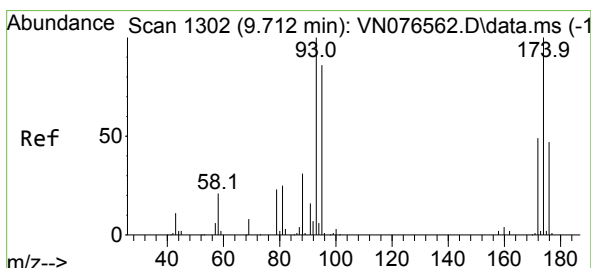
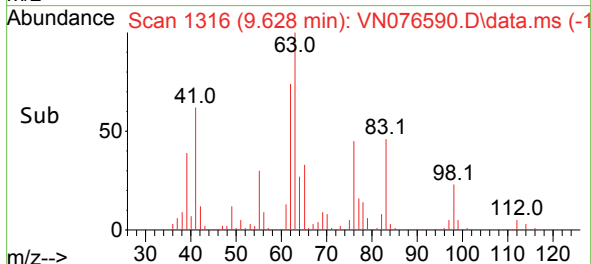
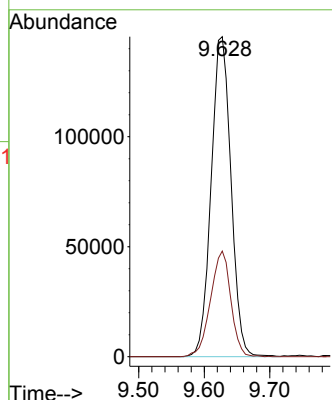
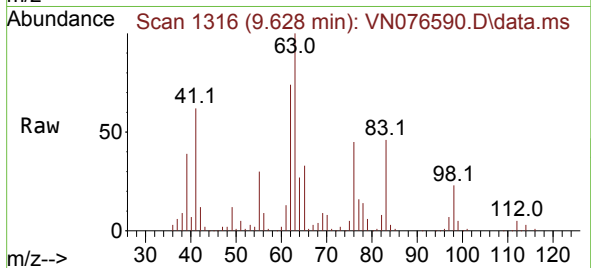
VSTDCCC050EC

Tgt Ion: 63 Resp: 305654

Ion Ratio Lower Upper

63 100

65 33.0 26.0 39.0



#46

Dibromomethane

Concen: 50.167 ug/l

RT: 9.710 min Scan# 1330

Delta R.T. -0.002 min

Lab File: VN076590.D

Acq: 08 Feb 2023 19:22

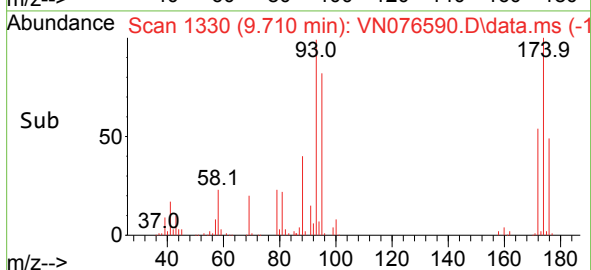
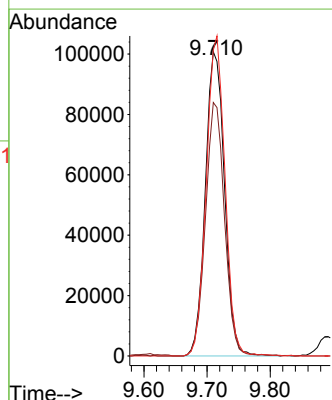
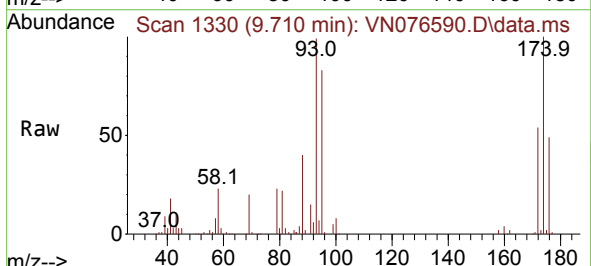
Tgt Ion: 93 Resp: 213497

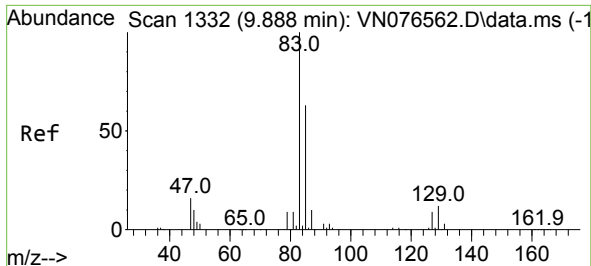
Ion Ratio Lower Upper

93 100

95 82.8 68.0 102.0

174 102.4 80.9 121.3

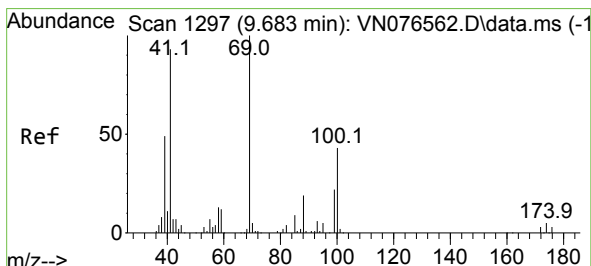
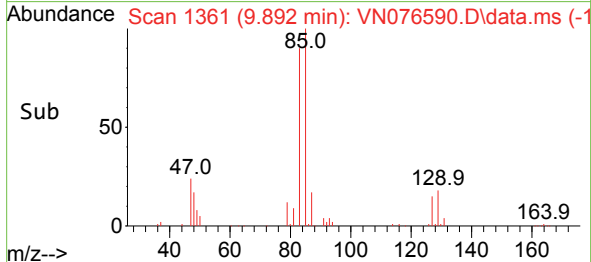
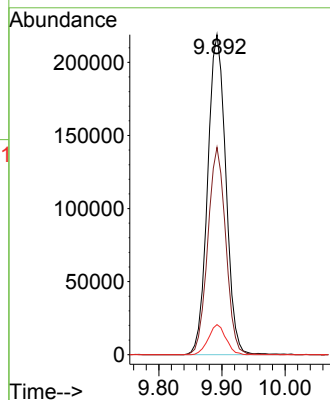
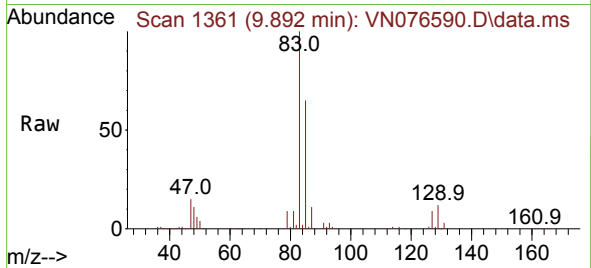




#47
Bromodichloromethane
Concen: 51.184 ug/l
RT: 9.892 min Scan# 1361
Delta R.T. 0.004 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

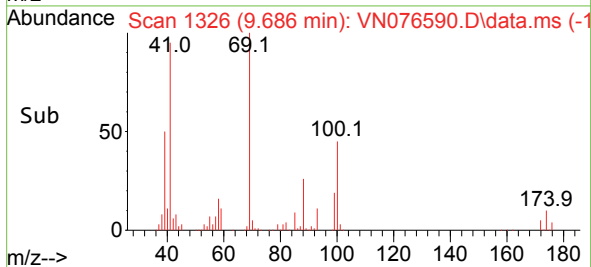
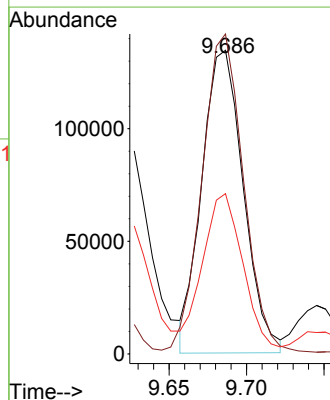
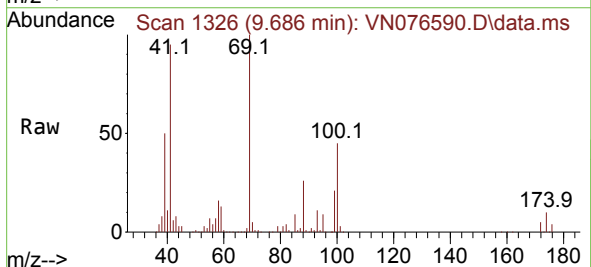
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

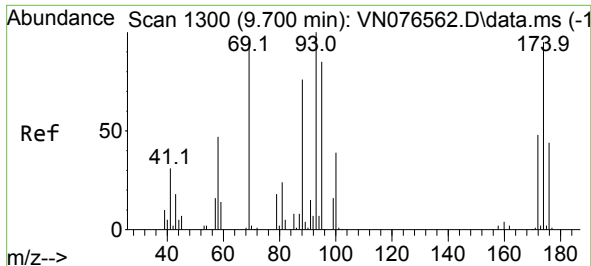
Tgt Ion: 83 Resp: 438029
Ion Ratio Lower Upper
83 100
85 64.8 50.7 76.1
127 9.4 7.0 10.6



#48
Methyl methacrylate
Concen: 50.388 ug/l
RT: 9.686 min Scan# 1326
Delta R.T. 0.003 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

Tgt Ion: 41 Resp: 250334
Ion Ratio Lower Upper
41 100
69 106.7 83.0 124.4
39 53.6 43.8 65.8





#49

1,4-Dioxane

Concen: 1098.425 ug/l

RT: 9.698 min Scan# 11

Delta R.T. -0.002 min

Lab File: VN076590.D

Acq: 08 Feb 2023 19:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

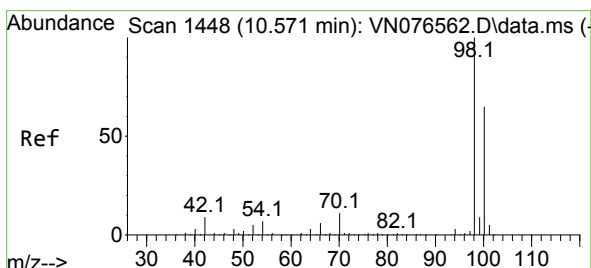
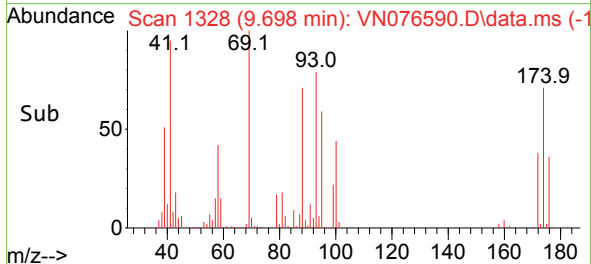
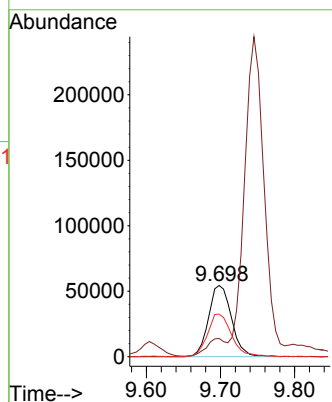
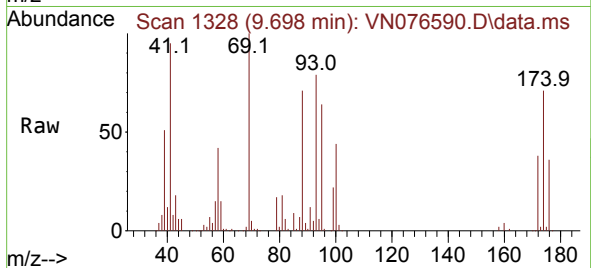
Tgt Ion: 88 Resp: 116738

Ion Ratio Lower Upper

88 100

43 21.9 16.7 25.1

58 63.0 51.7 77.5



#50

Toluene-d8

Concen: 50.382 ug/l

RT: 10.569 min Scan# 1476

Delta R.T. -0.002 min

Lab File: VN076590.D

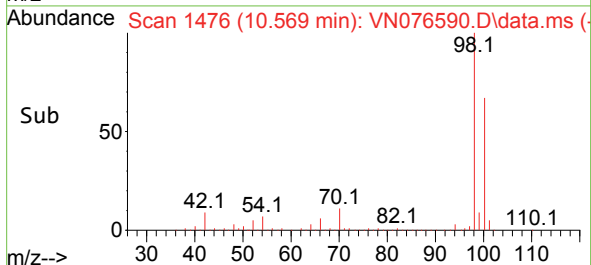
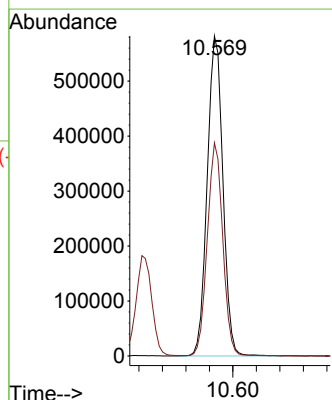
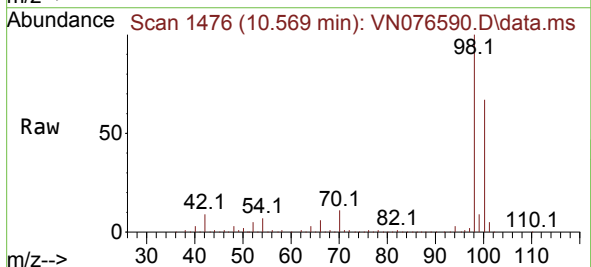
Acq: 08 Feb 2023 19:22

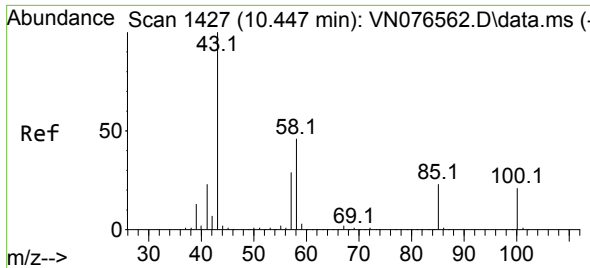
Tgt Ion: 98 Resp: 1075704

Ion Ratio Lower Upper

98 100

100 65.9 52.9 79.3

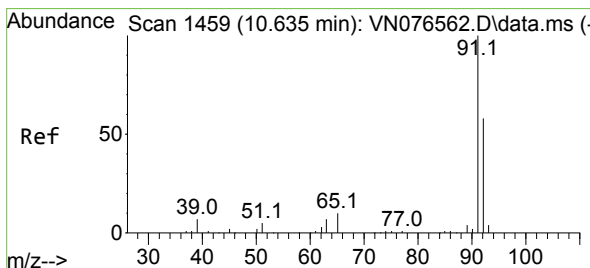
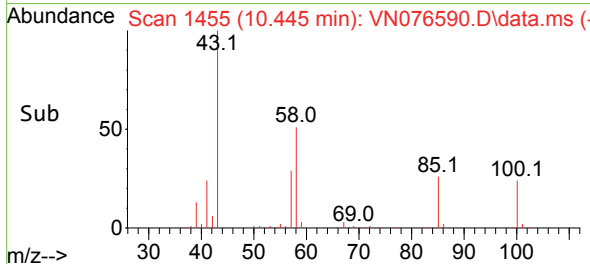
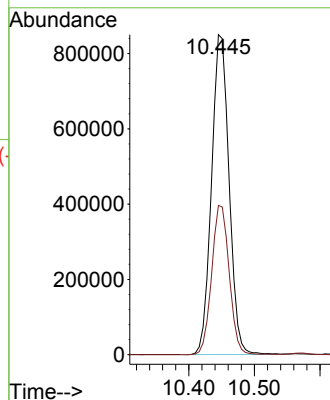
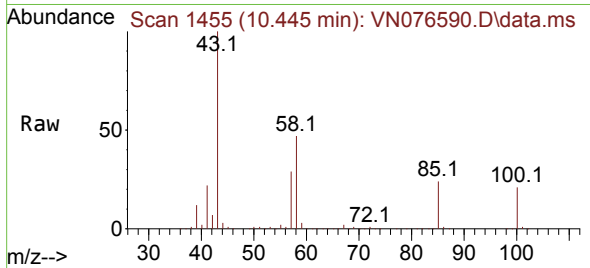




#51
4-Methyl-2-Pentanone
Concen: 260.143 ug/l
RT: 10.445 min Scan# 1427
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

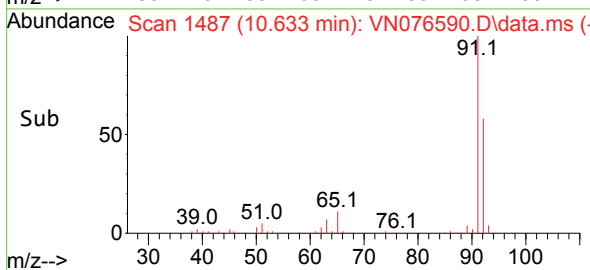
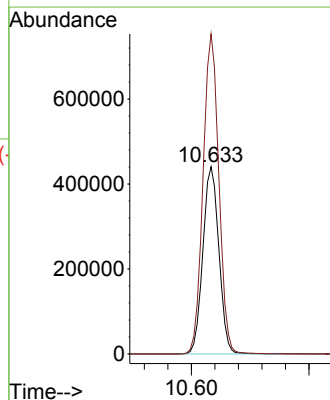
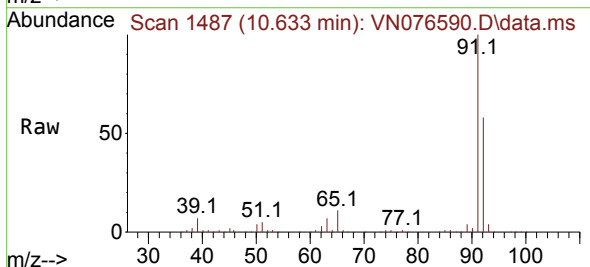
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

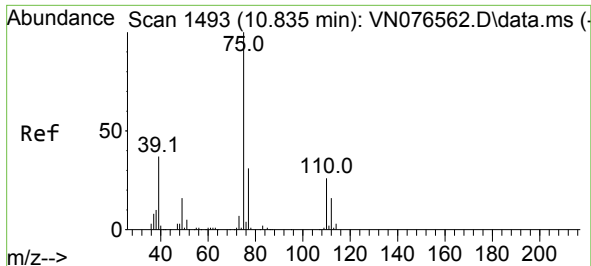
Tgt Ion: 43 Resp: 1579425
Ion Ratio Lower Upper
43 100
58 46.7 36.4 54.6



#52
Toluene
Concen: 52.415 ug/l
RT: 10.633 min Scan# 1487
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

Tgt Ion: 92 Resp: 830902
Ion Ratio Lower Upper
92 100
91 168.6 136.3 204.5

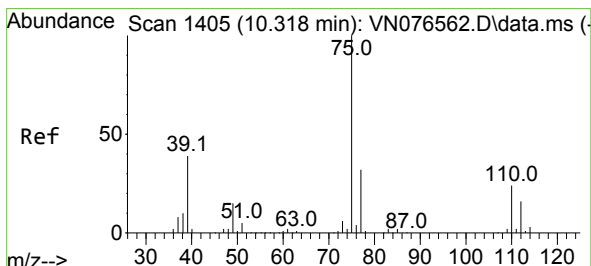
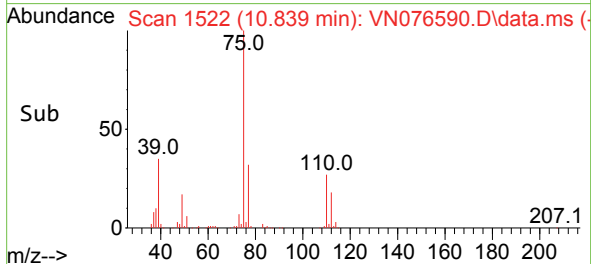
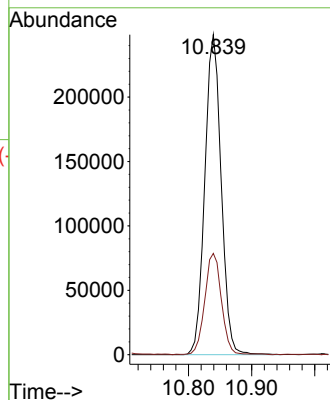
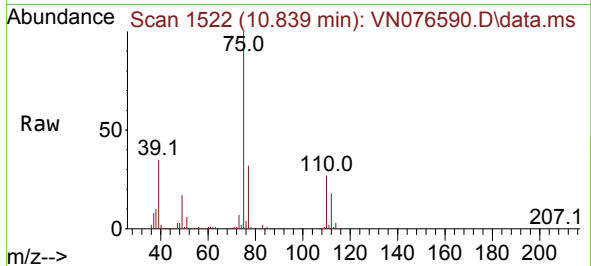




#53
t-1,3-Dichloropropene
Concen: 54.097 ug/l
RT: 10.839 min Scan# 11
Delta R.T. 0.004 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

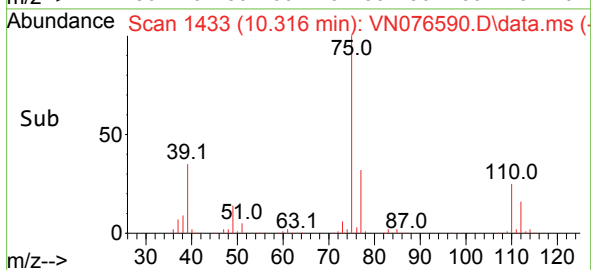
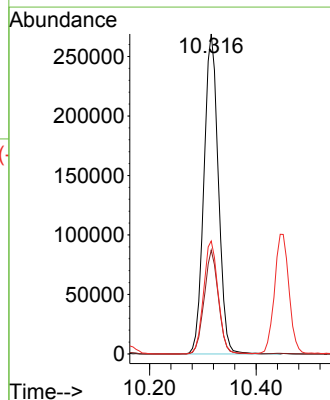
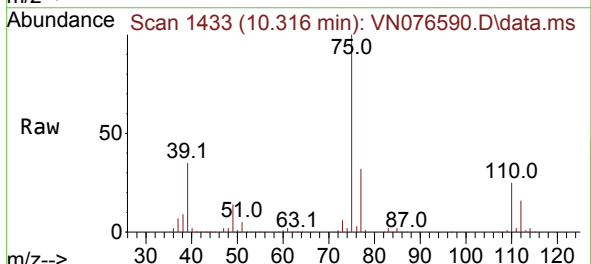
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

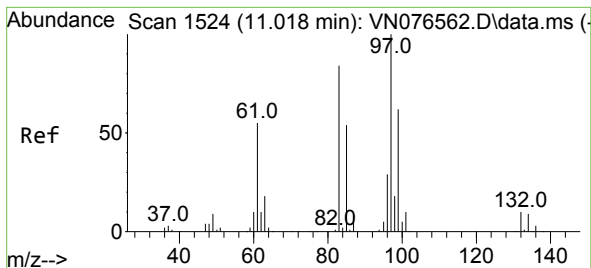
Tgt Ion: 75 Resp: 447321
Ion Ratio Lower Upper
75 100
77 31.6 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 53.708 ug/l
RT: 10.316 min Scan# 1433
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

Tgt Ion: 75 Resp: 506434
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0
39 35.3 31.1 46.7





#55

1,1,2-Trichloroethane

Concen: 50.964 ug/l

RT: 11.016 min Scan# 11

Delta R.T. -0.002 min

Lab File: VN076590.D

Acq: 08 Feb 2023 19:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 316423

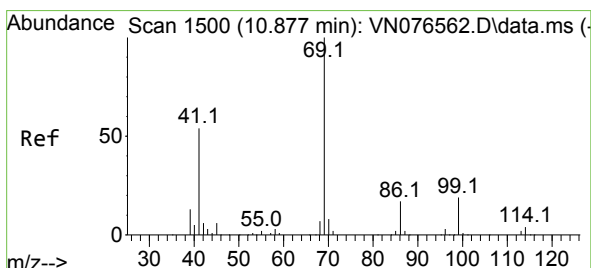
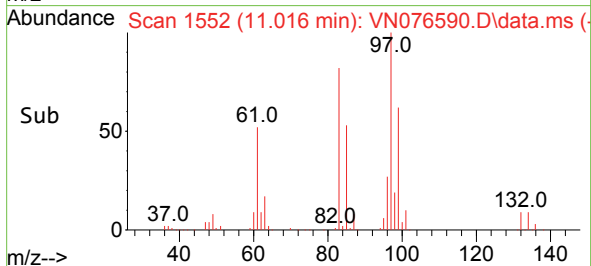
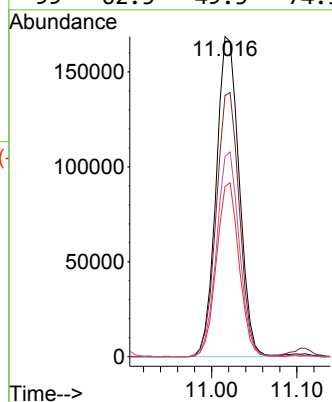
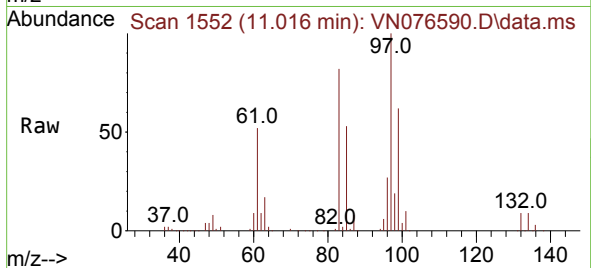
Ion Ratio Lower Upper

97 100

83 81.6 67.5 101.3

85 53.2 43.0 64.6

99 62.5 49.5 74.3



#56

Ethyl methacrylate

Concen: 56.123 ug/l

RT: 10.875 min Scan# 1528

Delta R.T. -0.002 min

Lab File: VN076590.D

Acq: 08 Feb 2023 19:22

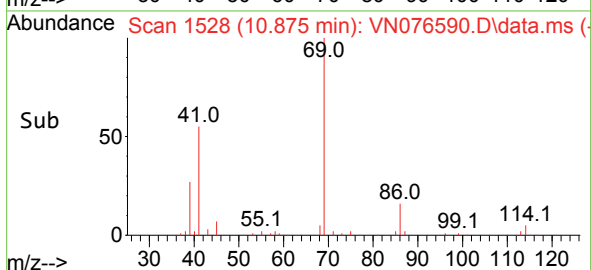
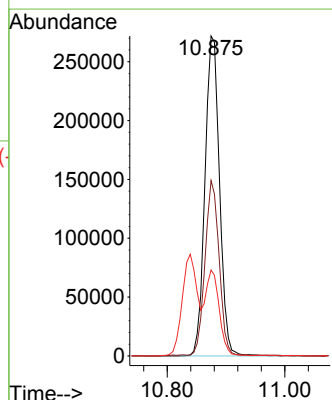
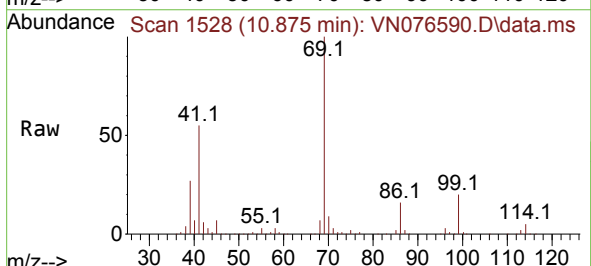
Tgt Ion: 69 Resp: 466355

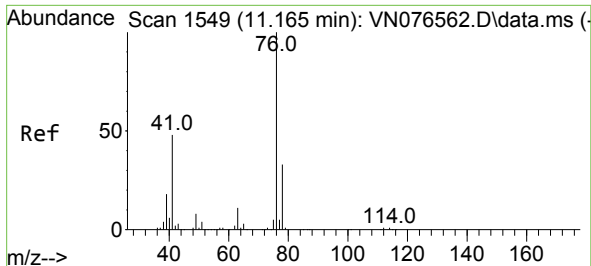
Ion Ratio Lower Upper

69 100

41 53.8 43.5 65.3

39 25.8 21.3 31.9

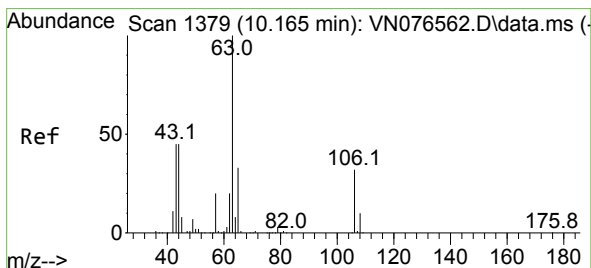
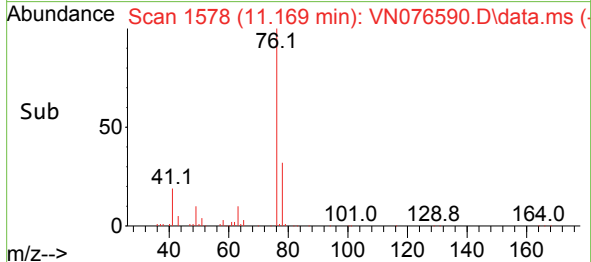
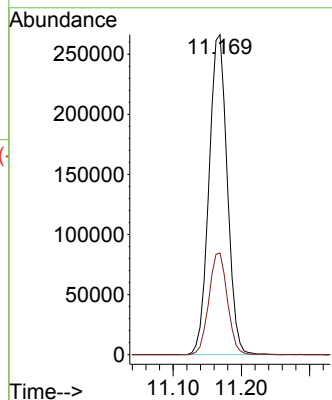
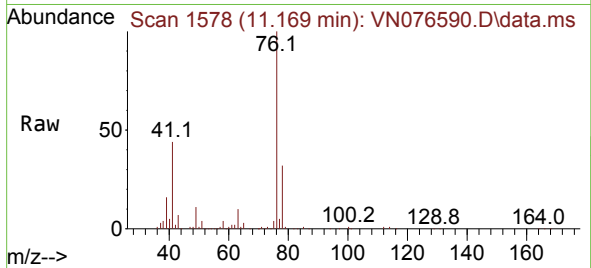




#57
1,3-Dichloropropane
Concen: 49.399 ug/l
RT: 11.169 min Scan# 111
Delta R.T. 0.004 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

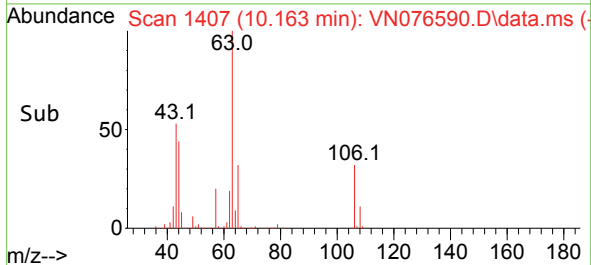
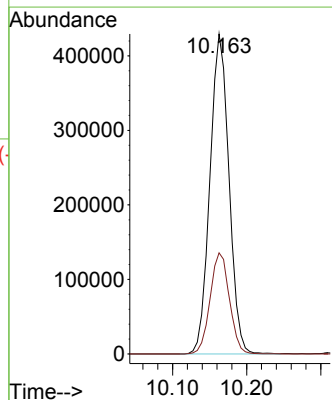
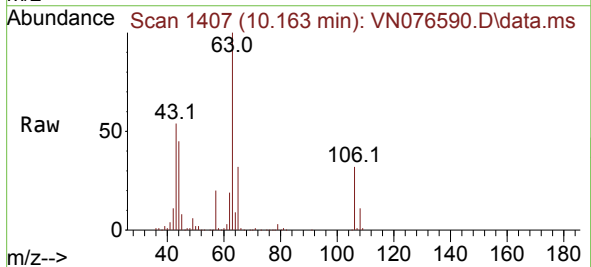
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

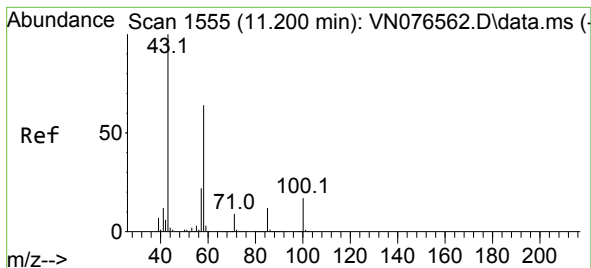
Tgt Ion: 76 Resp: 496455
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 322.635 ug/l
RT: 10.163 min Scan# 1407
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

Tgt Ion: 63 Resp: 766143
Ion Ratio Lower Upper
63 100
106 32.0 25.6 38.4

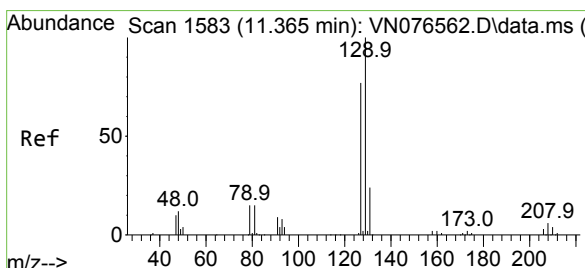
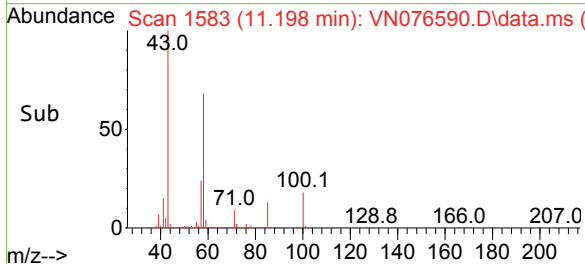
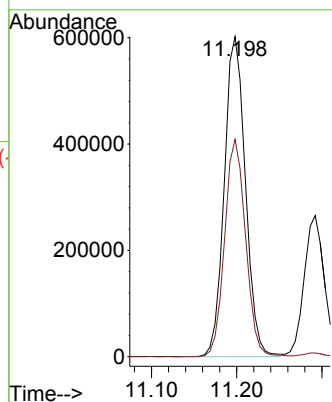
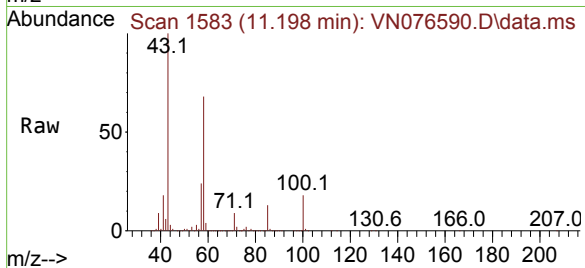




#59
2-Hexanone
Concen: 239.577 ug/l
RT: 11.198 min Scan# 1159
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

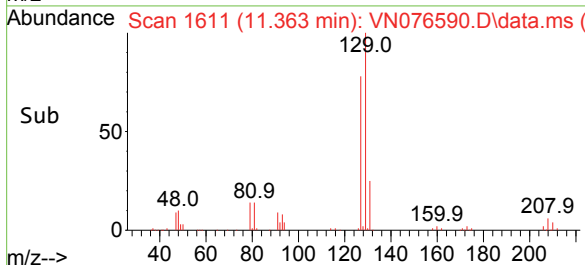
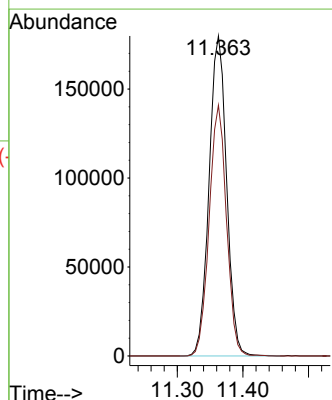
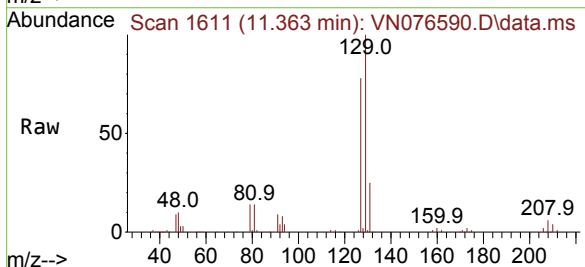
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

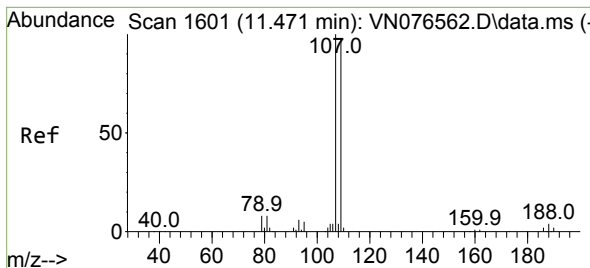
Tgt Ion: 43 Resp: 1036984
Ion Ratio Lower Upper
43 100
58 67.2 31.8 95.4



#60
Dibromochloromethane
Concen: 51.048 ug/l
RT: 11.363 min Scan# 1611
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

Tgt Ion:129 Resp: 334016
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.7





#61

1,2-Dibromoethane

Concen: 50.774 ug/l

RT: 11.474 min Scan# 1

Delta R.T. 0.003 min

Lab File: VN076590.D

Acq: 08 Feb 2023 19:22

Instrument :

MSVOA_N

ClientSampleId :

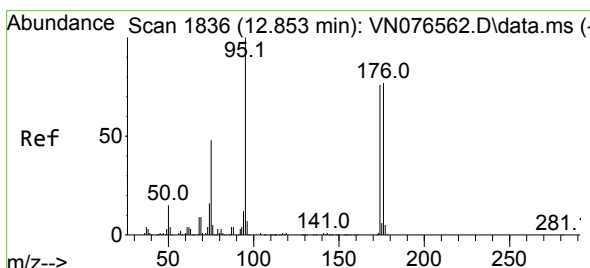
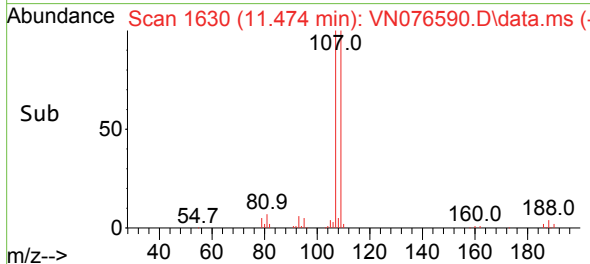
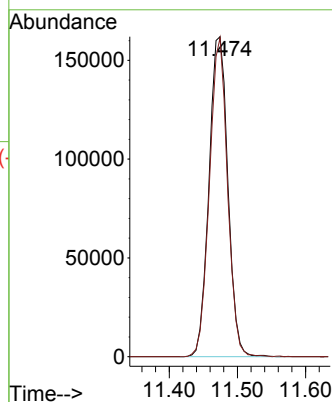
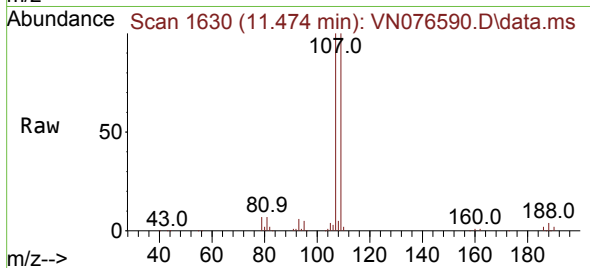
VSTDCCC050EC

Tgt Ion:107 Resp: 312050

Ion Ratio Lower Upper

107 100

109 95.1 75.4 113.0



#62

4-Bromofluorobenzene

Concen: 50.440 ug/l

RT: 12.851 min Scan# 1864

Delta R.T. -0.002 min

Lab File: VN076590.D

Acq: 08 Feb 2023 19:22

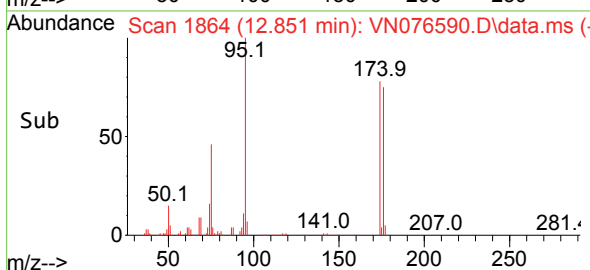
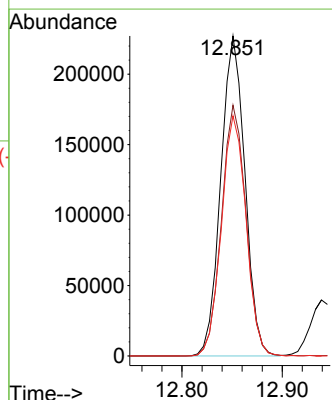
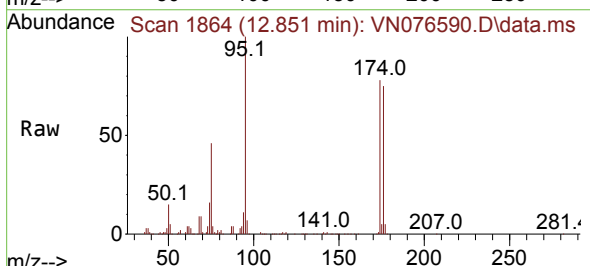
Tgt Ion: 95 Resp: 379404

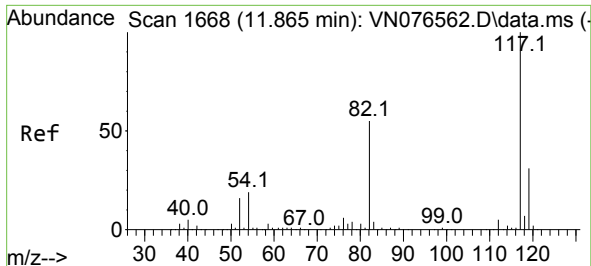
Ion Ratio Lower Upper

95 100

174 79.3 0.0 154.0

176 76.8 0.0 152.0

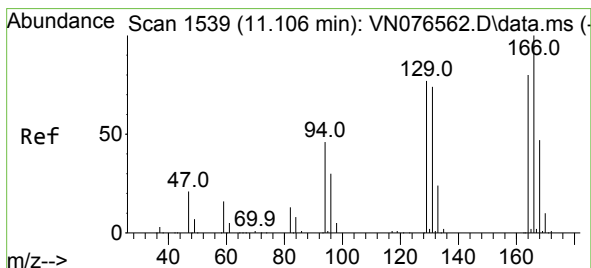
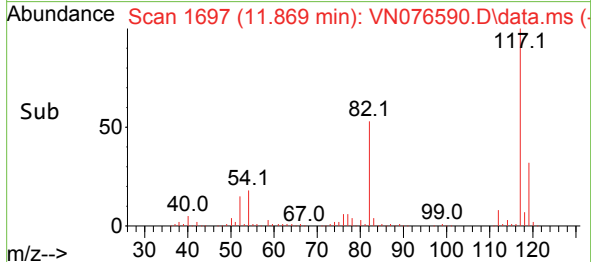
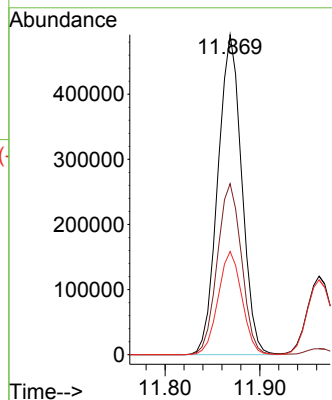
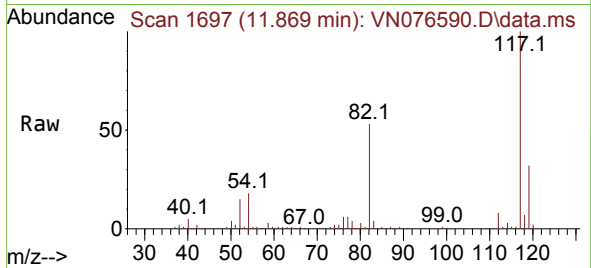




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.869 min Scan# 1
Delta R.T. 0.004 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

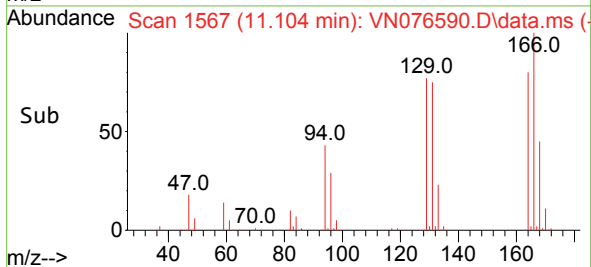
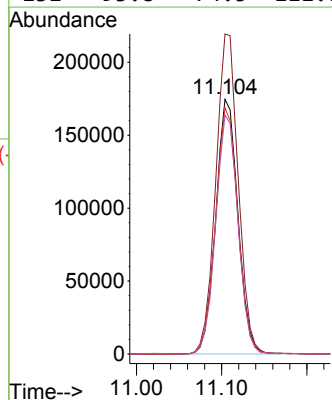
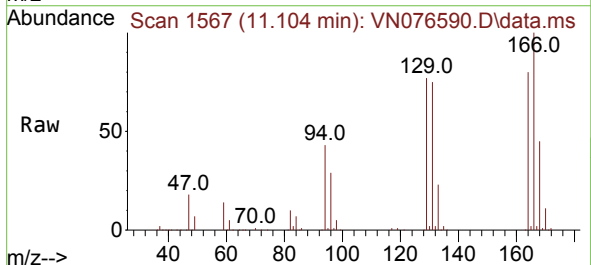
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

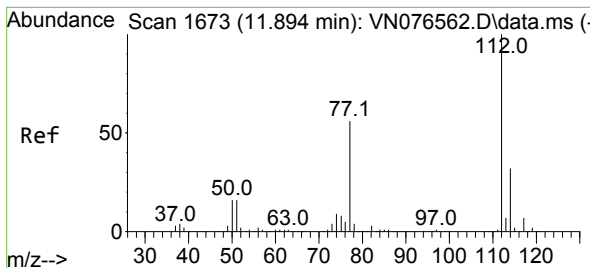
Tgt Ion:117 Resp: 861478
Ion Ratio Lower Upper
117 100
82 53.5 44.2 66.4
119 32.3 25.1 37.7



#64
Tetrachloroethene
Concen: 44.130 ug/l
RT: 11.104 min Scan# 1567
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

Tgt Ion:164 Resp: 316561
Ion Ratio Lower Upper
164 100
166 125.7 100.2 150.4
129 96.7 76.8 115.2
131 93.8 74.5 111.7

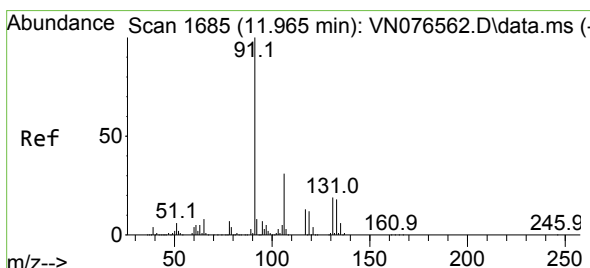
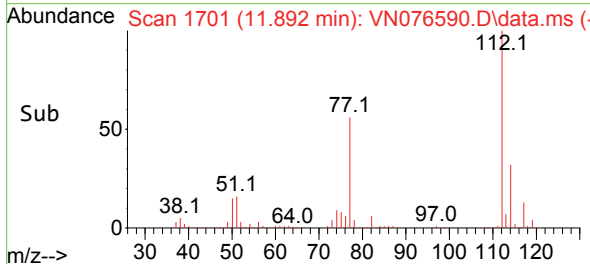
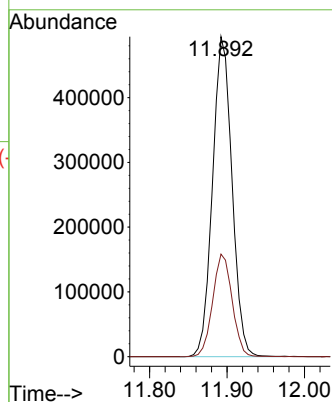
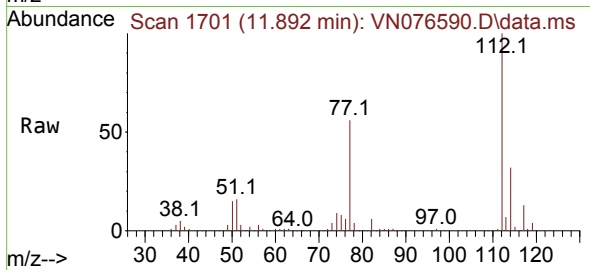




#65
Chlorobenzene
Concen: 48.482 ug/l
RT: 11.892 min Scan# 11
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

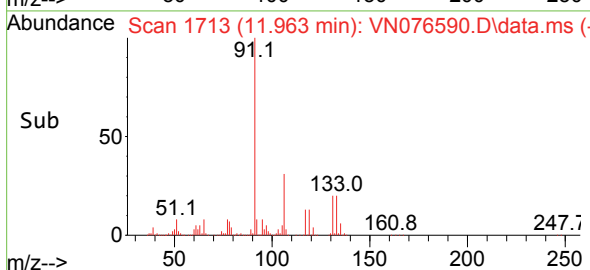
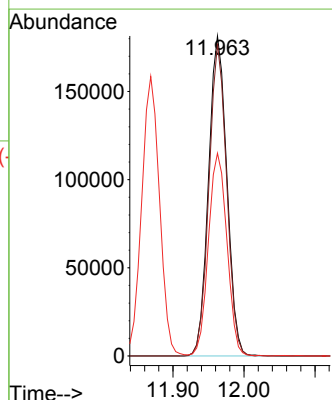
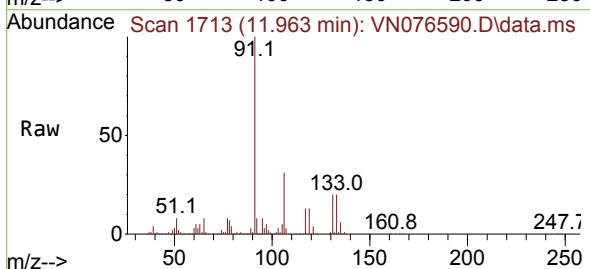
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

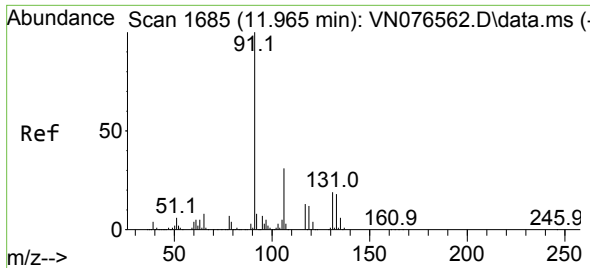
Tgt Ion:112 Resp: 863725
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.352 ug/l
RT: 11.963 min Scan# 1713
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

Tgt Ion:131 Resp: 325590
Ion Ratio Lower Upper
131 100
133 94.3 48.0 144.2
119 64.0 32.4 97.0

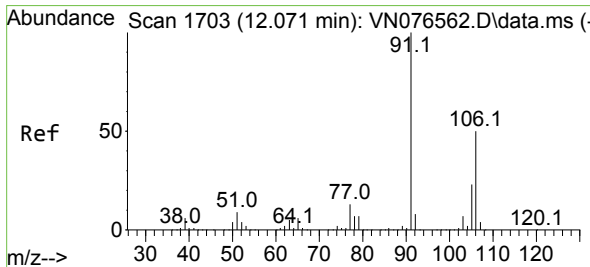
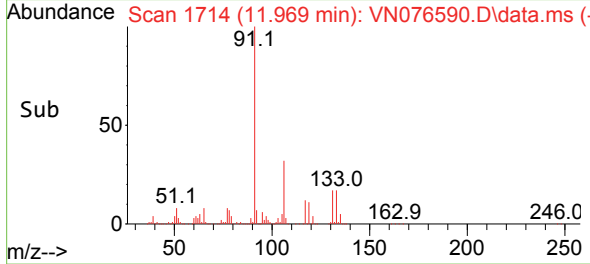
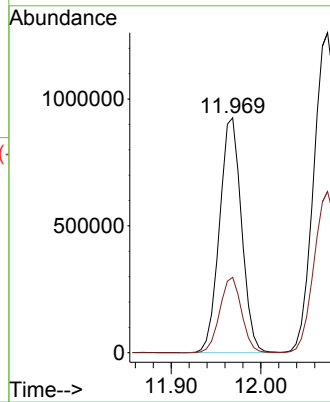
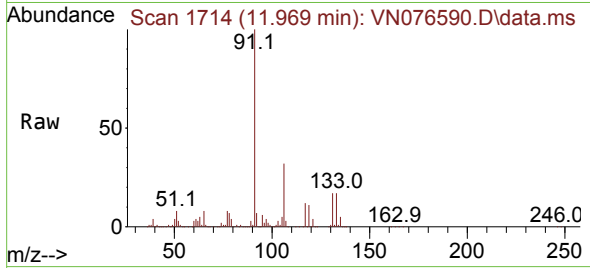




#67
Ethyl Benzene
Concen: 49.832 ug/l
RT: 11.969 min Scan# 1714
Delta R.T. 0.004 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

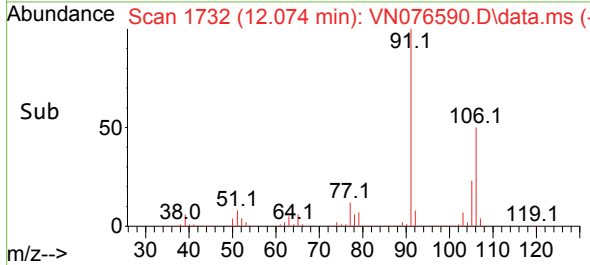
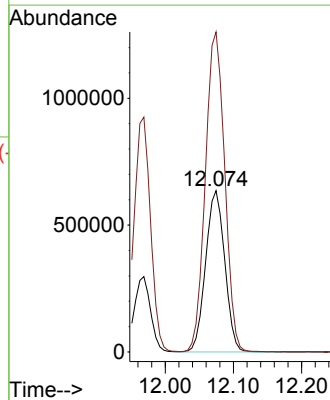
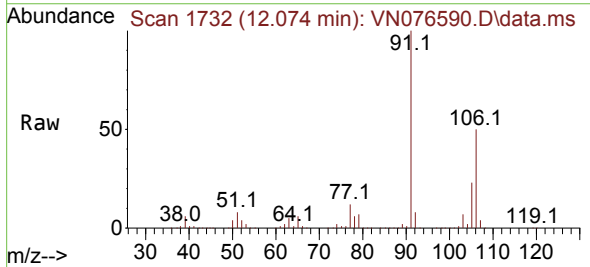
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

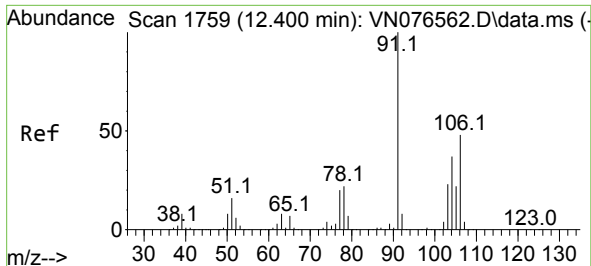
Tgt Ion: 91 Resp: 1577728
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3



#68
m/p-Xylenes
Concen: 100.503 ug/l
RT: 12.074 min Scan# 1732
Delta R.T. 0.003 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

Tgt Ion: 106 Resp: 1239759
Ion Ratio Lower Upper
106 100
91 201.1 160.2 240.4

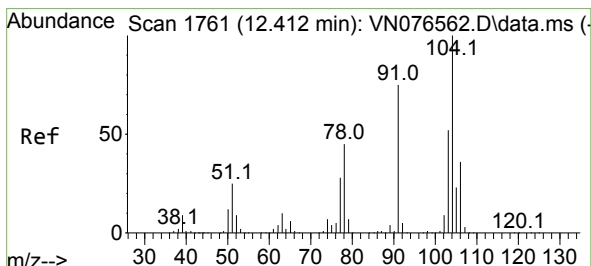
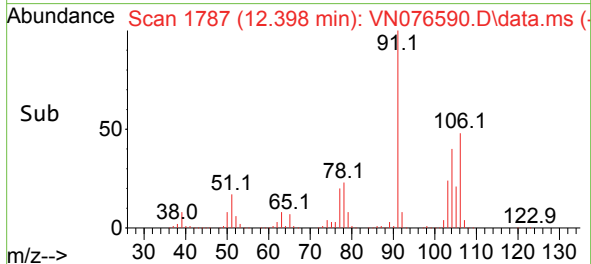
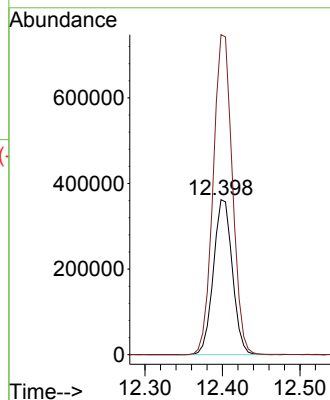
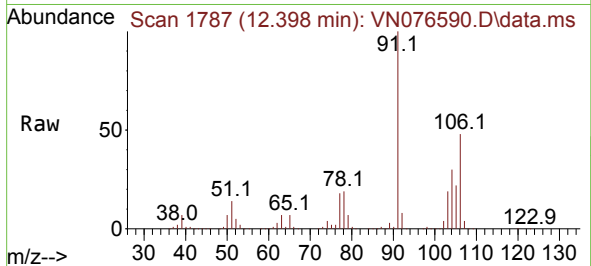




#69
o-Xylene
Concen: 51.041 ug/l
RT: 12.398 min Scan# 1790
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

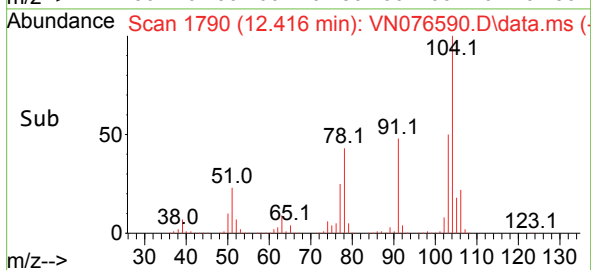
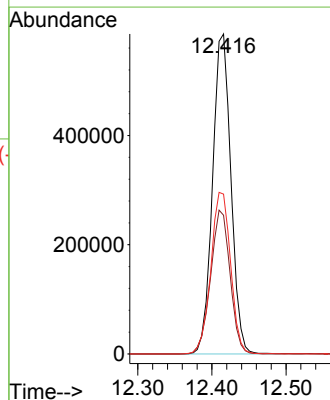
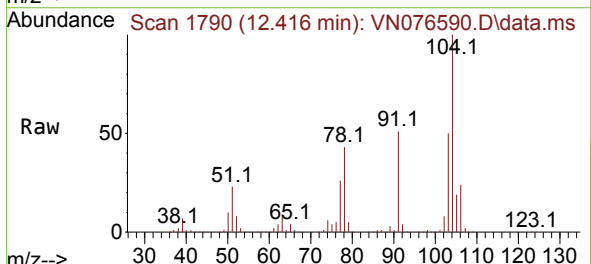
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

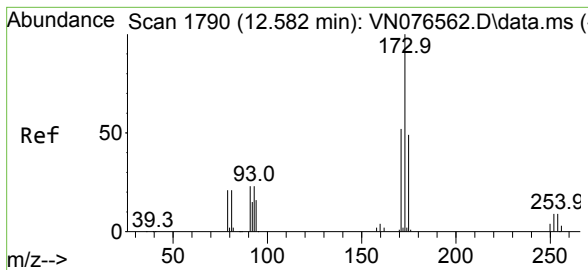
Tgt Ion:106 Resp: 616550
Ion Ratio Lower Upper
106 100
91 209.5 106.2 318.5



#70
Styrene
Concen: 52.499 ug/l
RT: 12.416 min Scan# 1790
Delta R.T. 0.004 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

Tgt Ion:104 Resp: 1008604
Ion Ratio Lower Upper
104 100
78 47.7 38.2 57.4
103 54.3 43.7 65.5

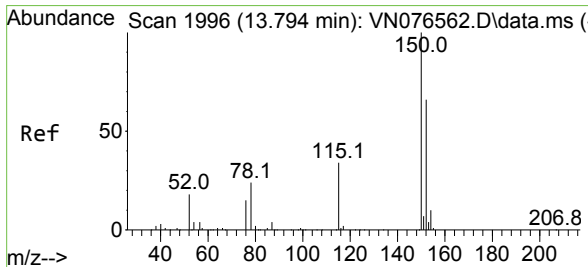
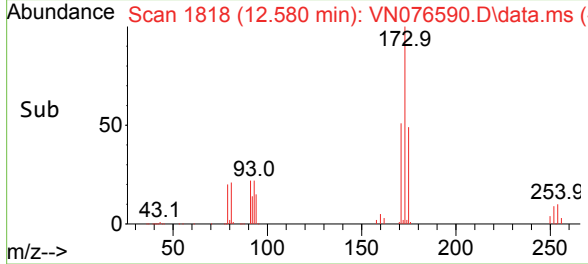
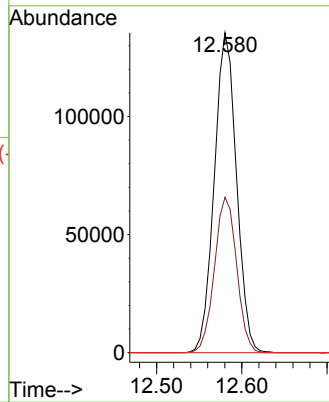
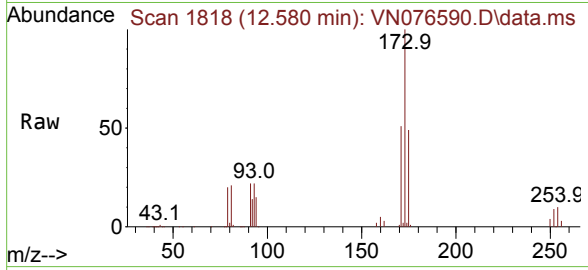




#71
Bromoform
Concen: 53.224 ug/l
RT: 12.580 min Scan# 11
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

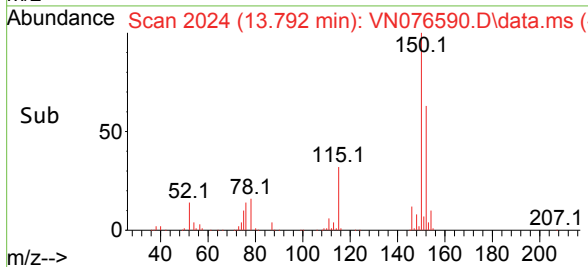
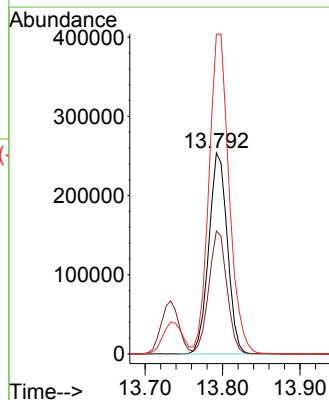
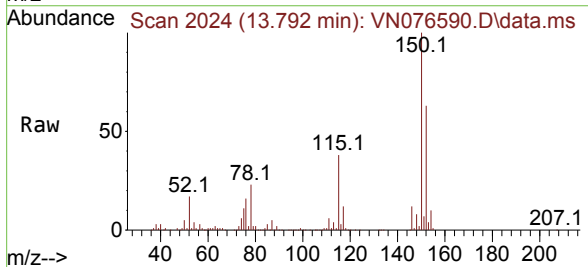
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

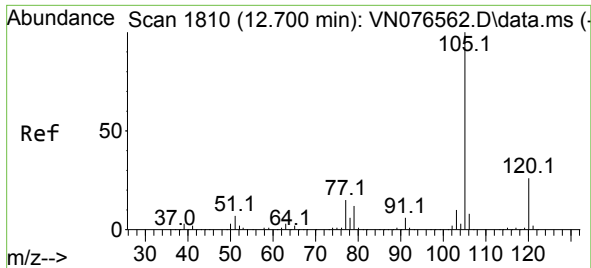
Tgt Ion:173 Resp: 245103
Ion Ratio Lower Upper
173 100
175 48.6 24.8 74.3
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.792 min Scan# 2024
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

Tgt Ion:152 Resp: 422511
Ion Ratio Lower Upper
152 100
115 59.7 30.8 92.3
150 173.5 0.0 348.8

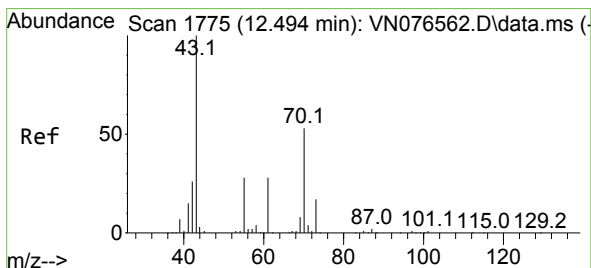
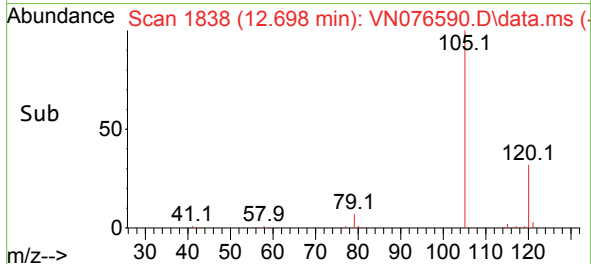
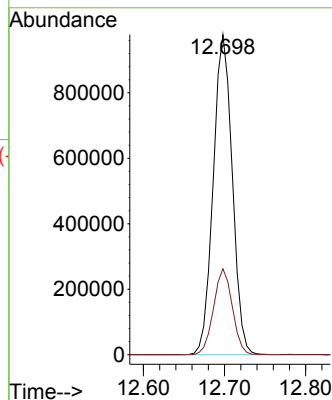
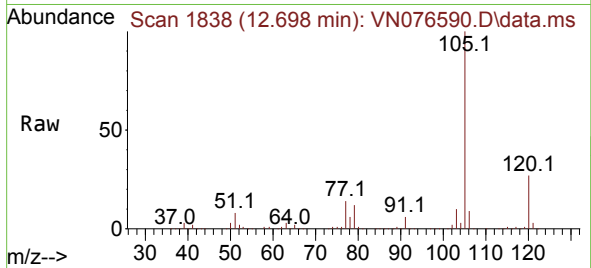




#73
Isopropylbenzene
Concen: 46.053 ug/l
RT: 12.698 min Scan# 1838
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

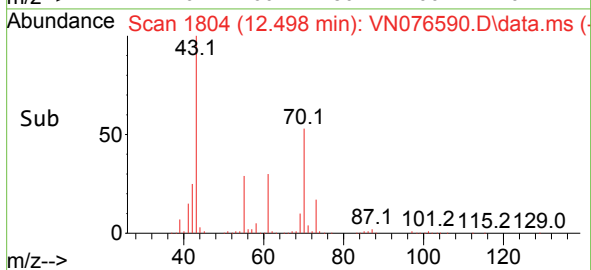
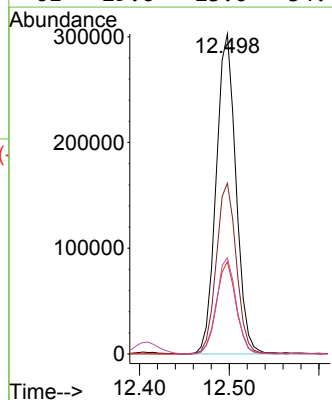
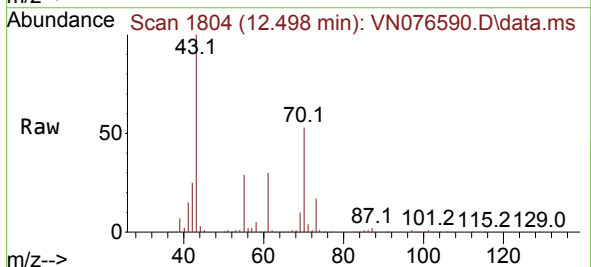
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

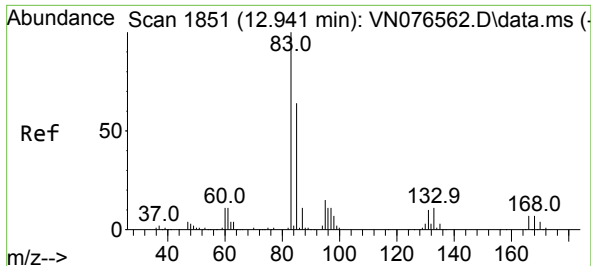
Tgt Ion:105 Resp: 1593568
Ion Ratio Lower Upper
105 100
120 26.5 13.0 39.0



#74
N-ethyl acetate
Concen: 48.124 ug/l
RT: 12.498 min Scan# 1804
Delta R.T. 0.004 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

Tgt Ion: 43 Resp: 464379
Ion Ratio Lower Upper
43 100
70 54.0 43.1 64.7
55 28.9 22.4 33.6
61 29.6 23.0 34.4

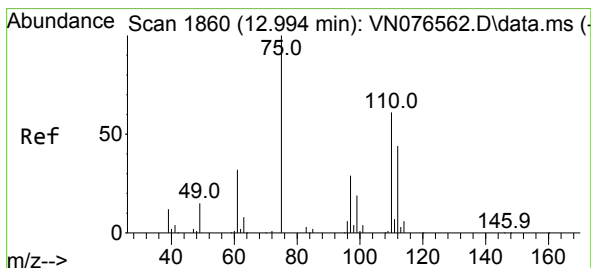
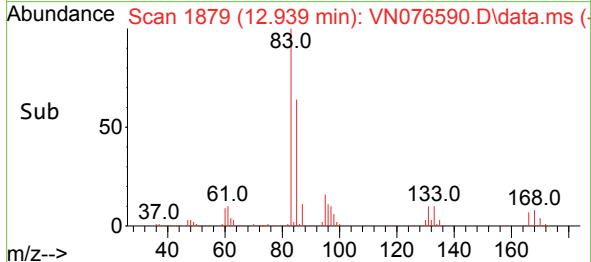
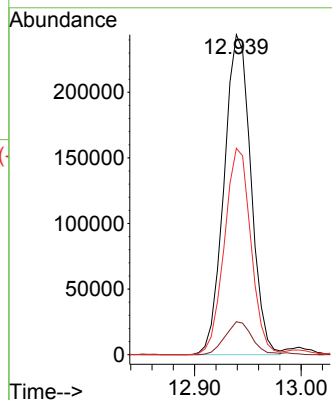
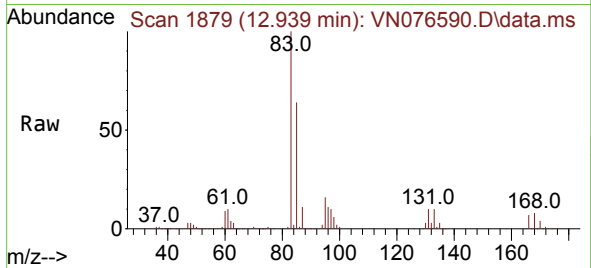




#75
1,1,2,2-Tetrachloroethane
Concen: 44.989 ug/l
RT: 12.939 min Scan# 1889
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

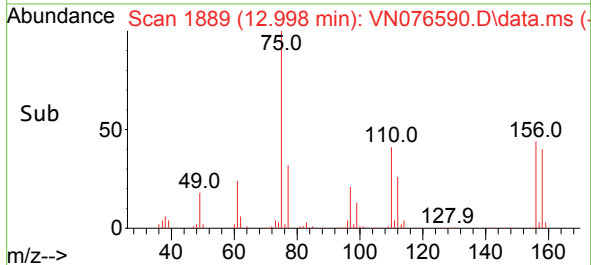
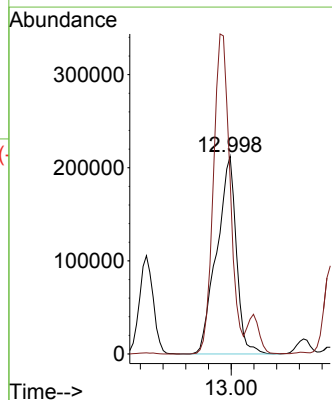
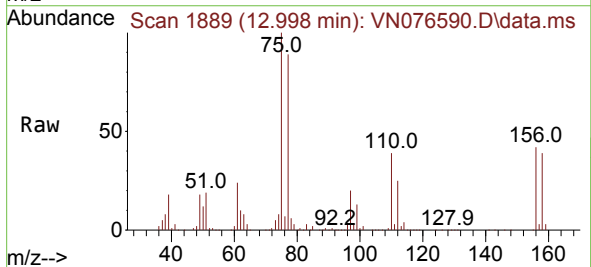
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

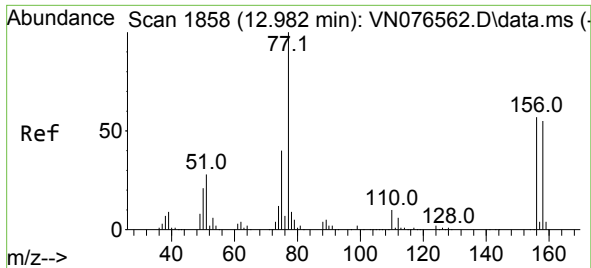
Tgt Ion: 83 Resp: 426699
Ion Ratio Lower Upper
83 100
131 10.6 5.3 16.1
85 63.8 32.4 97.0



#76
1,2,3-Trichloropropane
Concen: 64.692 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.004 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

Tgt Ion: 75 Resp: 509971
Ion Ratio Lower Upper
75 100
77 136.7 87.5 262.5

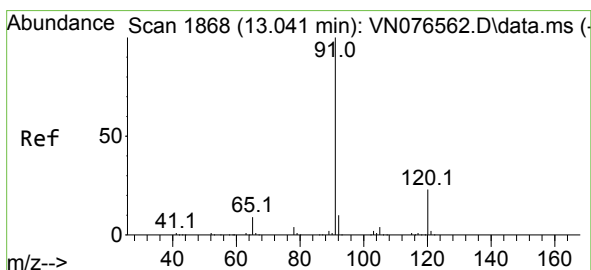
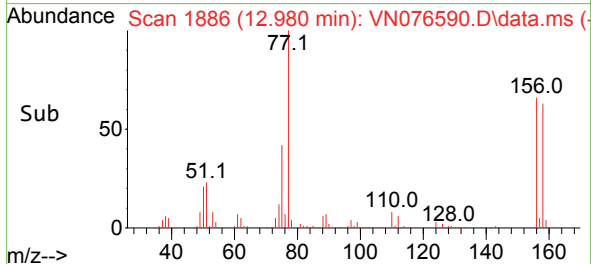
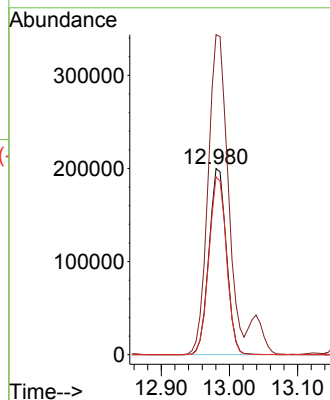
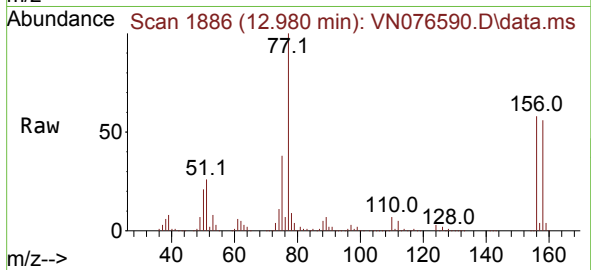




#77
Bromobenzene
Concen: 44.351 ug/l
RT: 12.980 min Scan# 1858
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

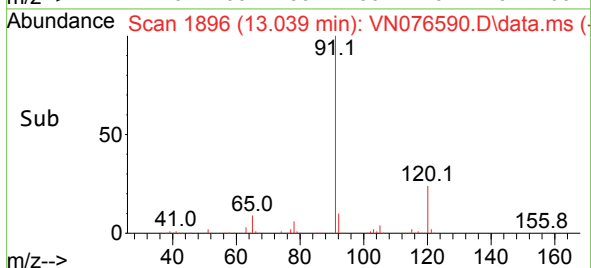
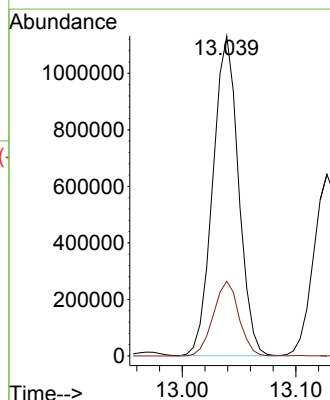
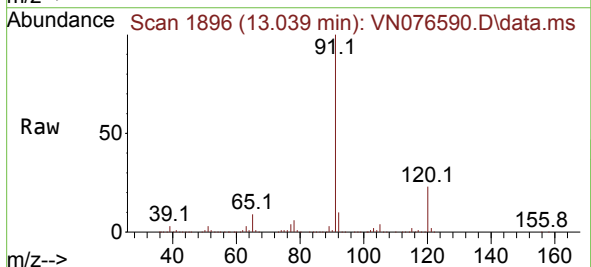
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

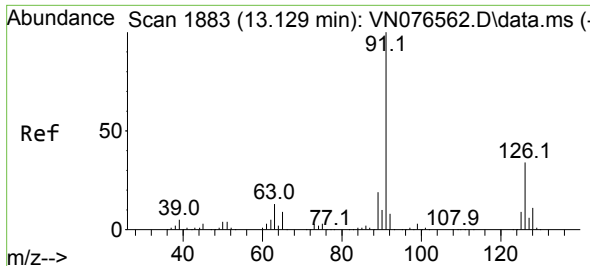
Tgt Ion:156 Resp: 356967
Ion Ratio Lower Upper
156 100
77 195.2 101.6 304.9
158 96.0 48.9 146.7



#78
n-propylbenzene
Concen: 46.663 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

Tgt Ion: 91 Resp: 1777943
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.8

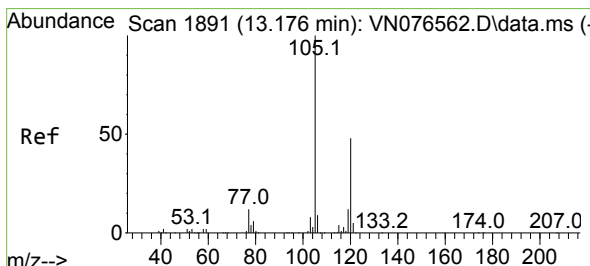
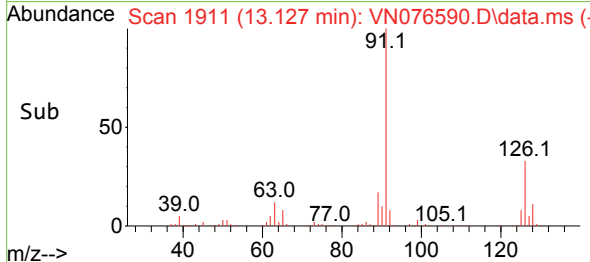
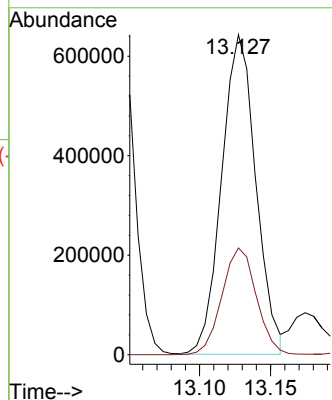
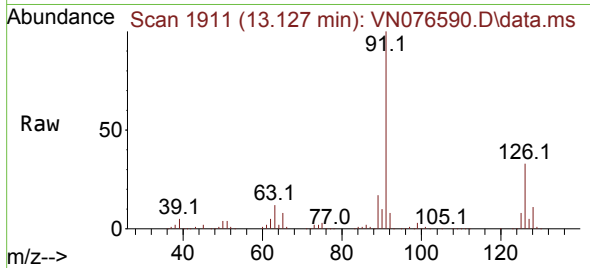




#79
2-Chlorotoluene
Concen: 44.411 ug/l
RT: 13.127 min Scan# 1883
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

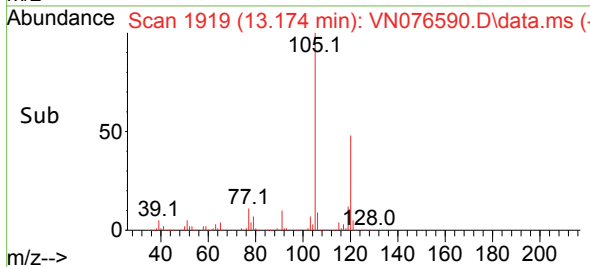
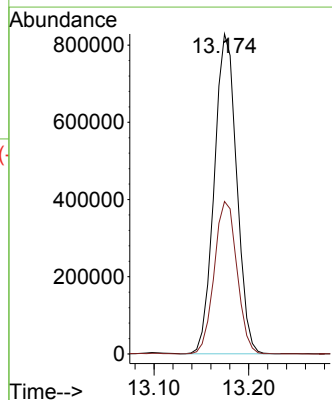
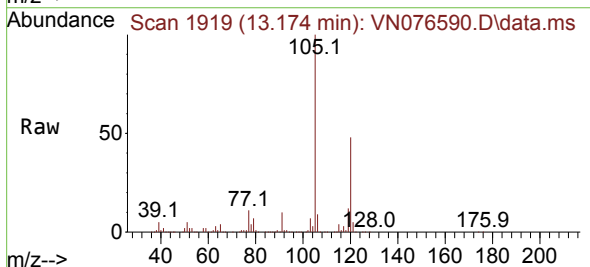
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

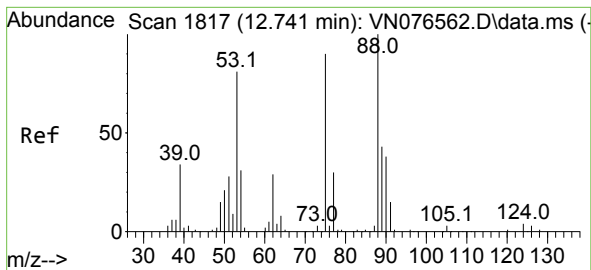
Tgt Ion: 91 Resp: 1077894
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 47.307 ug/l
RT: 13.174 min Scan# 1919
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

Tgt Ion:105 Resp: 1358567
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.9

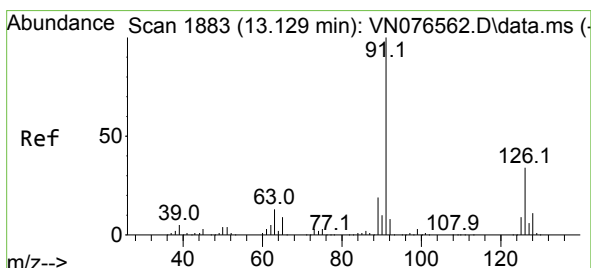
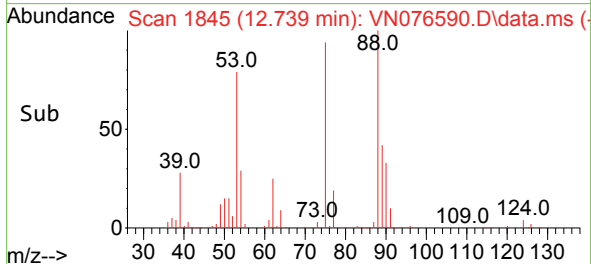
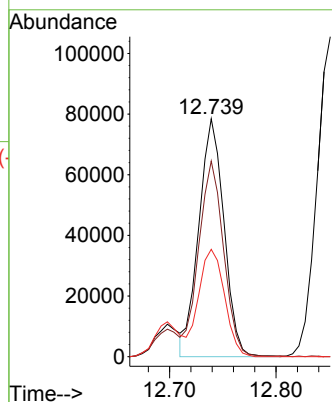
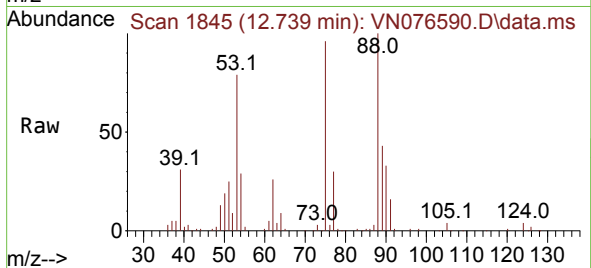




#81
trans-1,4-Dichloro-2-butene
Concen: 50.173 ug/l
RT: 12.739 min Scan# 11
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

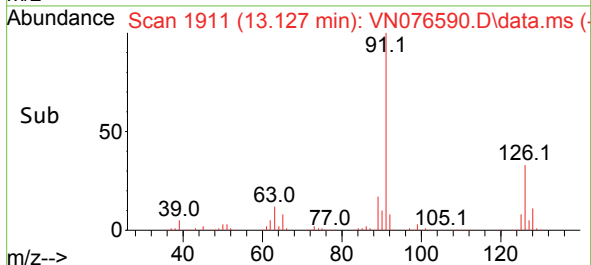
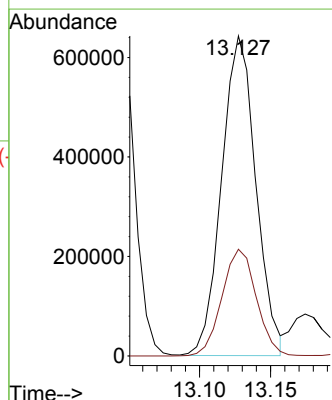
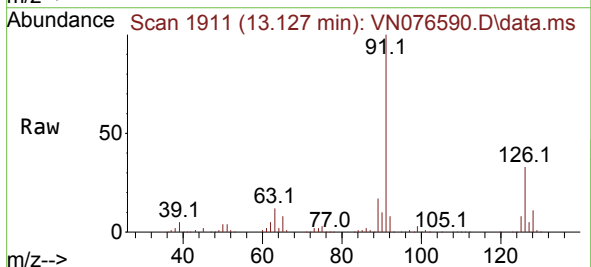
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

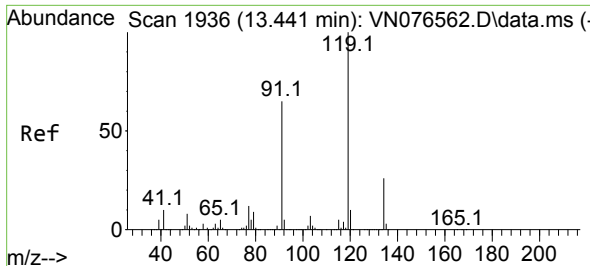
Tgt Ion: 75 Resp: 128804
Ion Ratio Lower Upper
75 100
53 82.0 77.1 115.7
89 46.0 41.5 62.3



#82
4-Chlorotoluene
Concen: 44.411 ug/l
RT: 13.127 min Scan# 1911
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

Tgt Ion: 91 Resp: 1077894
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.3

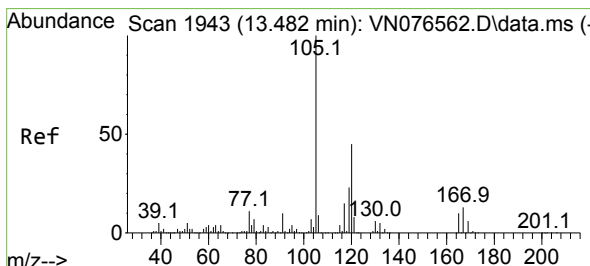
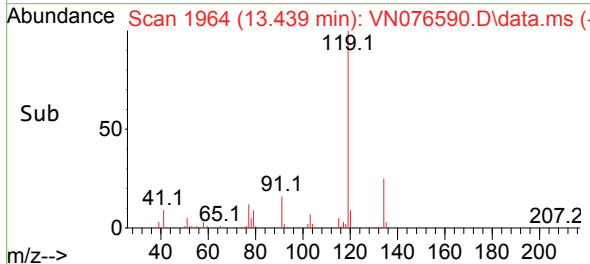
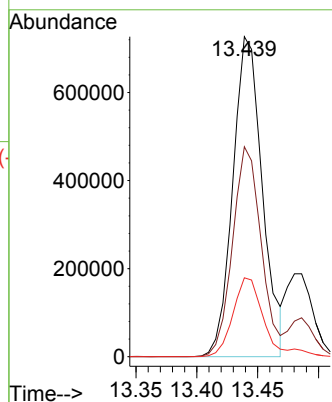
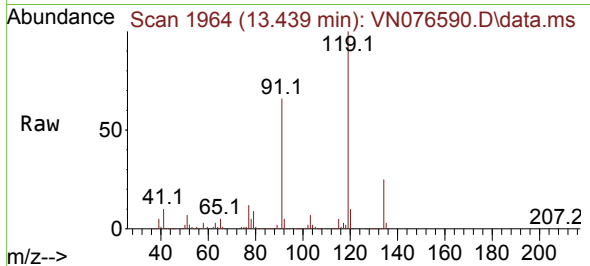




#83
 tert-Butylbenzene
 Concen: 47.725 ug/l
 RT: 13.439 min Scan# 1936
 Delta R.T. -0.002 min
 Lab File: VN076590.D
 Acq: 08 Feb 2023 19:22

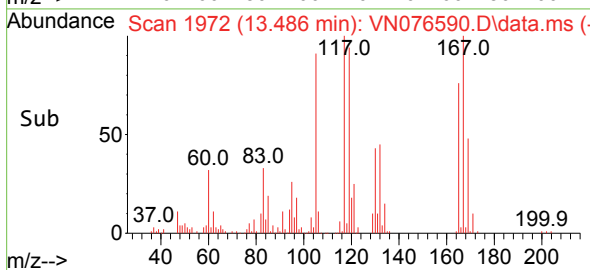
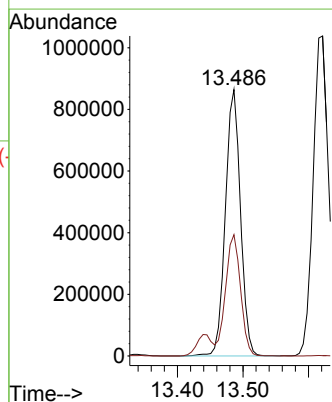
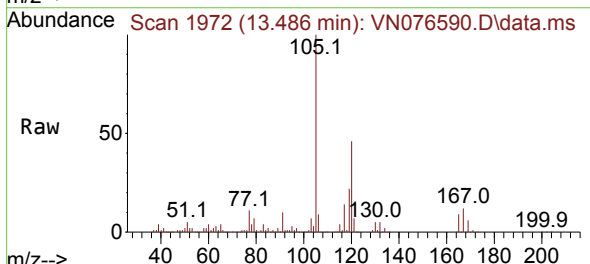
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

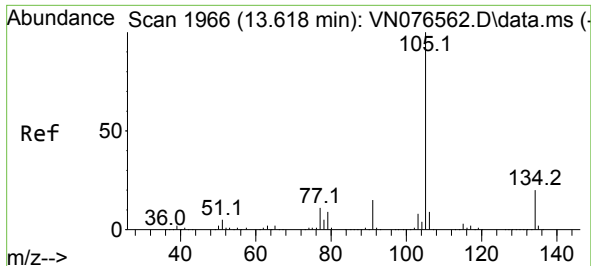
Tgt Ion:119 Resp: 1227617
 Ion Ratio Lower Upper
 119 100
 91 63.6 33.2 99.6
 134 26.0 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 48.262 ug/l
 RT: 13.486 min Scan# 1972
 Delta R.T. 0.004 min
 Lab File: VN076590.D
 Acq: 08 Feb 2023 19:22

Tgt Ion:105 Resp: 1379305
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.3 66.8

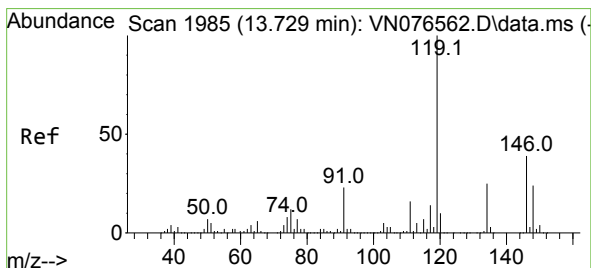
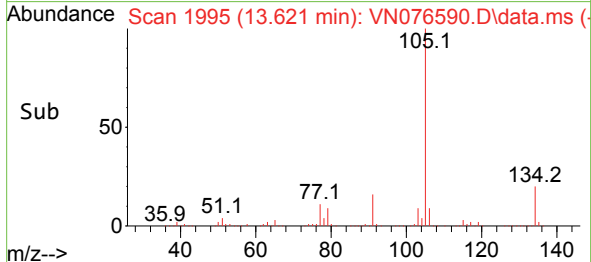
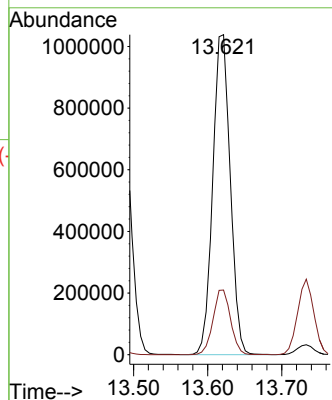
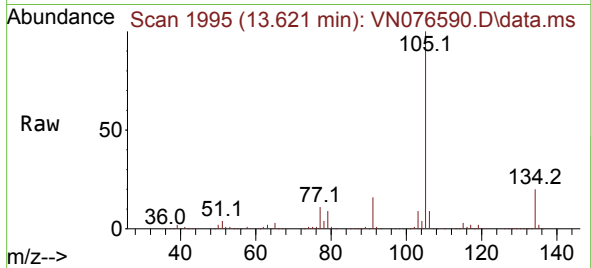




#85
 sec-Butylbenzene
 Concen: 49.112 ug/l
 RT: 13.621 min Scan# 1966
 Delta R.T. 0.003 min
 Lab File: VN076590.D
 Acq: 08 Feb 2023 19:22

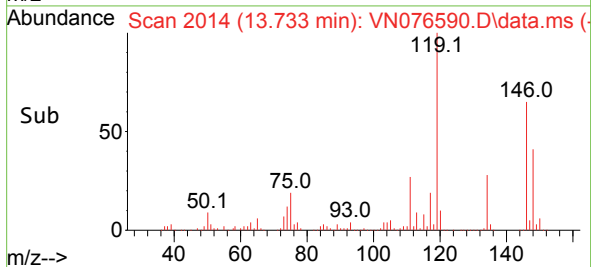
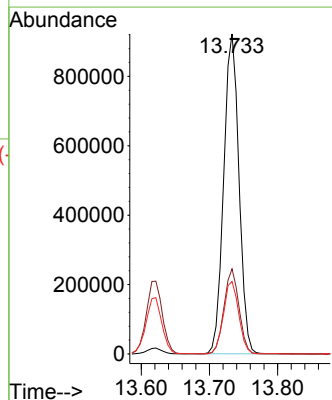
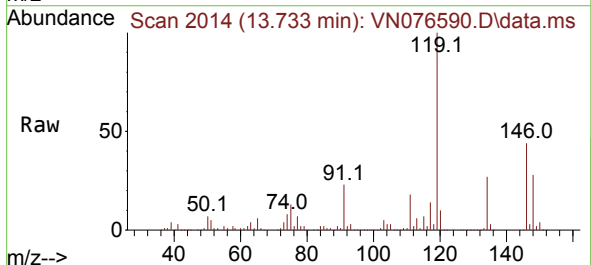
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

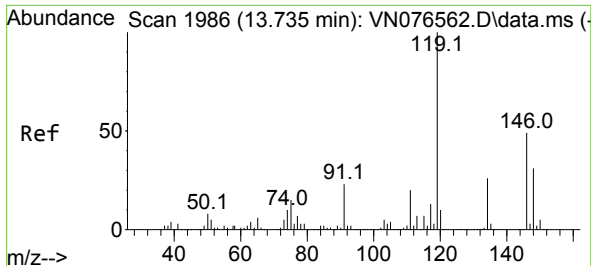
Tgt Ion:105 Resp: 1703577
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 50.547 ug/l
 RT: 13.733 min Scan# 2014
 Delta R.T. 0.004 min
 Lab File: VN076590.D
 Acq: 08 Feb 2023 19:22

Tgt Ion:119 Resp: 1436847
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.4
 91 22.6 11.5 34.4

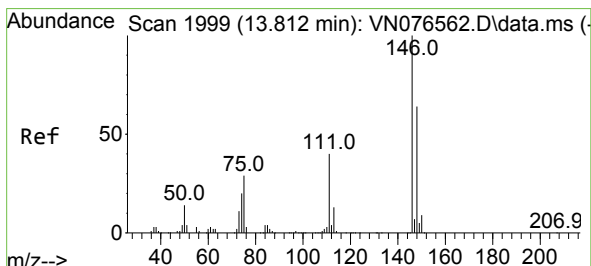
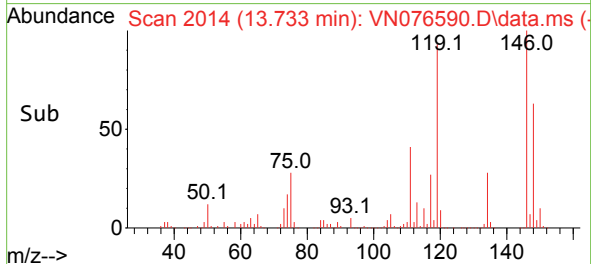
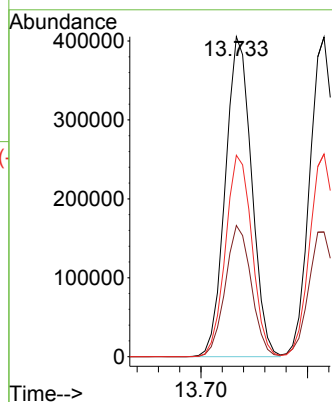
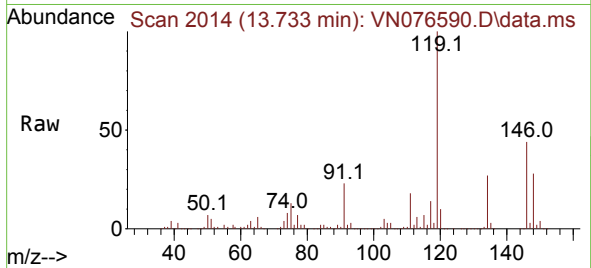




#87
 1,3-Dichlorobenzene
 Concen: 46.809 ug/l
 RT: 13.733 min Scan# 2014
 Delta R.T. -0.002 min
 Lab File: VN076590.D
 Acq: 08 Feb 2023 19:22

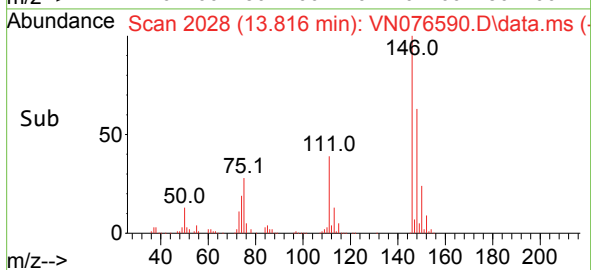
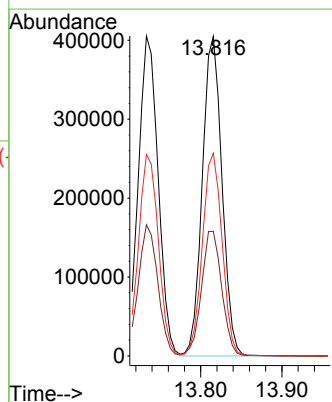
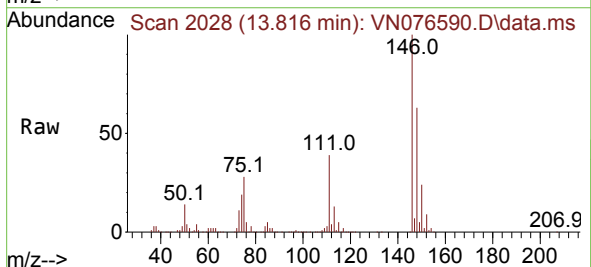
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

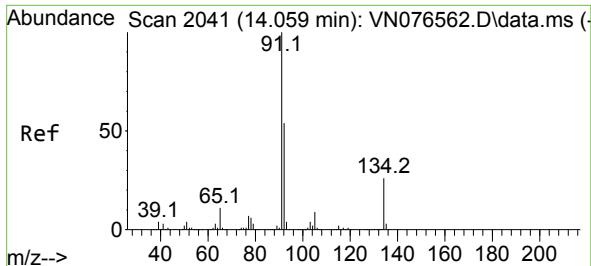
Tgt Ion:146 Resp: 693412
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.3 61.0
 148 63.4 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 45.205 ug/l
 RT: 13.816 min Scan# 2028
 Delta R.T. 0.004 min
 Lab File: VN076590.D
 Acq: 08 Feb 2023 19:22

Tgt Ion:146 Resp: 680239
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.8 59.4
 148 63.8 31.6 94.8





#89

n-Butylbenzene

Concen: 50.899 ug/l

RT: 14.057 min Scan# 2041

Delta R.T. -0.002 min

Lab File: VN076590.D

Acq: 08 Feb 2023 19:22

Instrument :

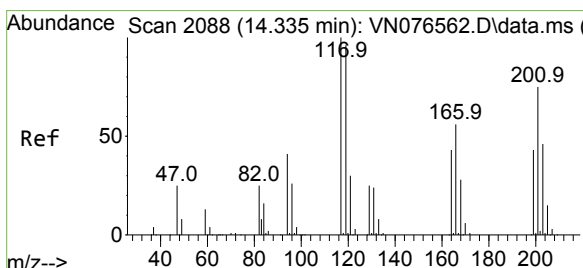
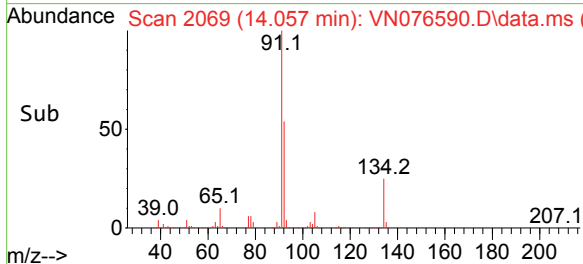
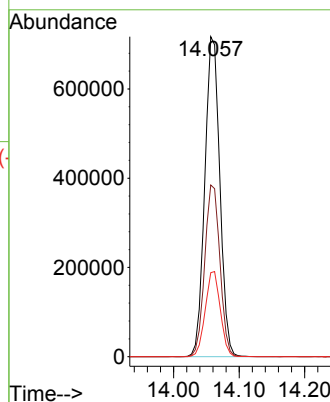
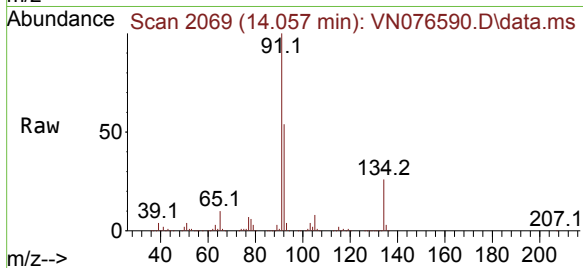
MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1145710

Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.0	80.8
134	26.8	13.1	39.3



#90

Hexachloroethane

Concen: 48.262 ug/l

RT: 14.339 min Scan# 2117

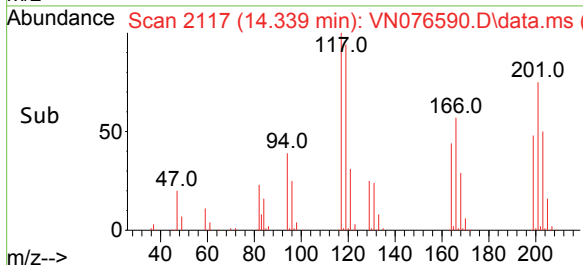
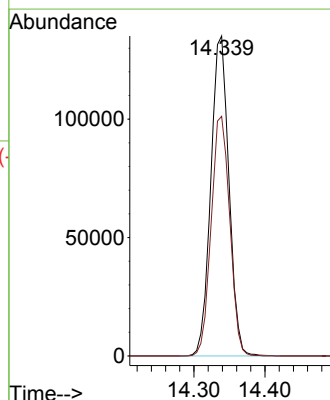
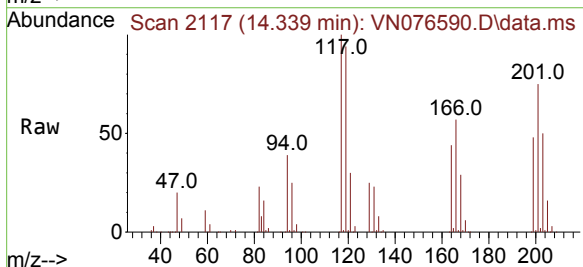
Delta R.T. 0.004 min

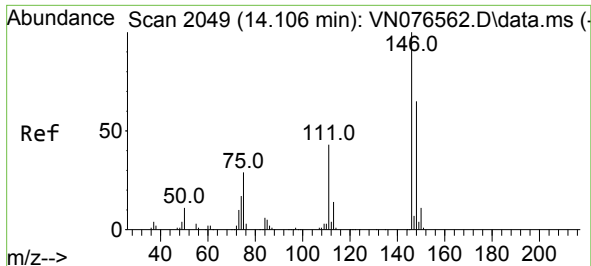
Lab File: VN076590.D

Acq: 08 Feb 2023 19:22

Tgt Ion: 117 Resp: 238967

Ion	Ratio	Lower	Upper
117	100		
201	76.8	37.2	111.6

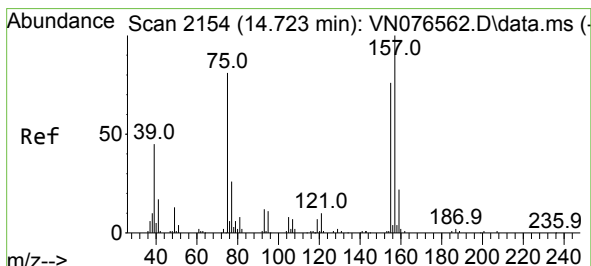
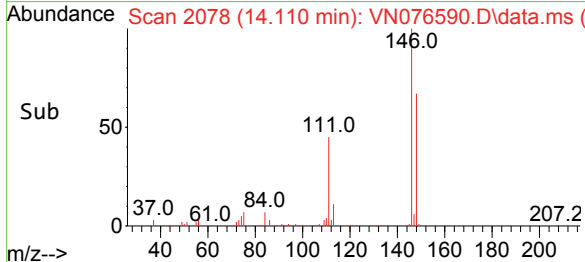
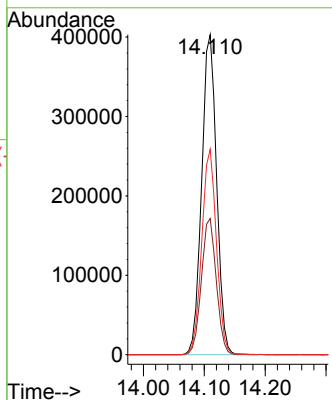
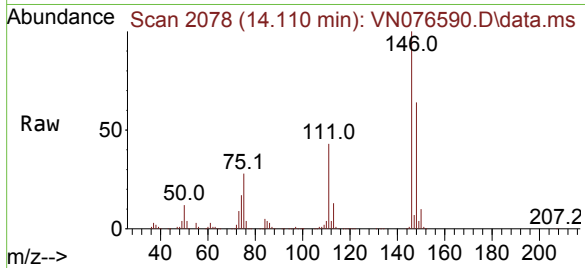




#91
1,2-Dichlorobenzene
Concen: 46.908 ug/l
RT: 14.110 min Scan# 2049
Delta R.T. 0.004 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

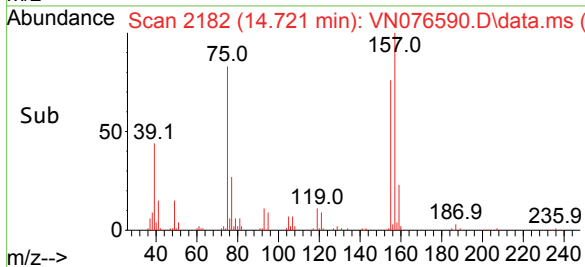
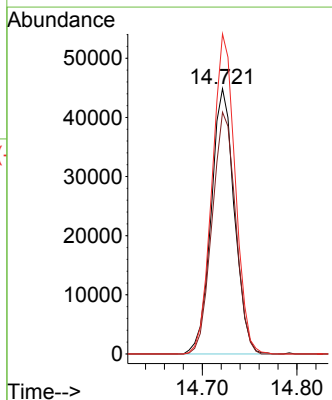
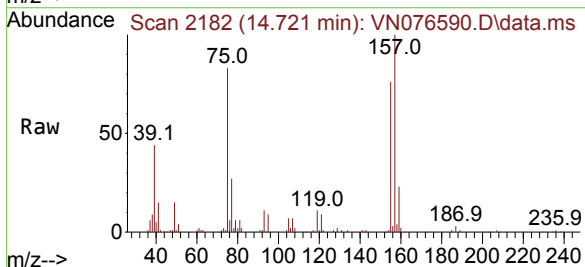
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

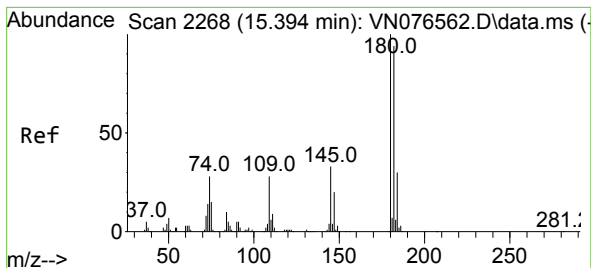
Tgt Ion:146 Resp: 685092
Ion Ratio Lower Upper
146 100
111 42.5 21.4 64.3
148 63.4 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.592 ug/l
RT: 14.721 min Scan# 2182
Delta R.T. -0.002 min
Lab File: VN076590.D
Acq: 08 Feb 2023 19:22

Tgt Ion: 75 Resp: 76480
Ion Ratio Lower Upper
75 100
155 92.2 44.8 134.4
157 119.3 58.4 175.1





#93

1,2,4-Trichlorobenzene

Concen: 49.327 ug/l

RT: 15.398 min Scan# 2315

Delta R.T. 0.004 min

Lab File: VN076590.D

Acq: 08 Feb 2023 19:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

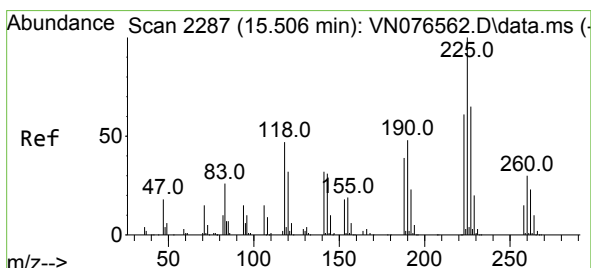
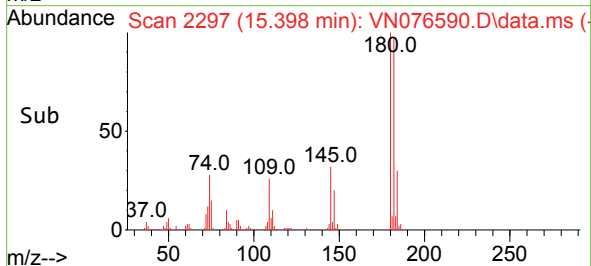
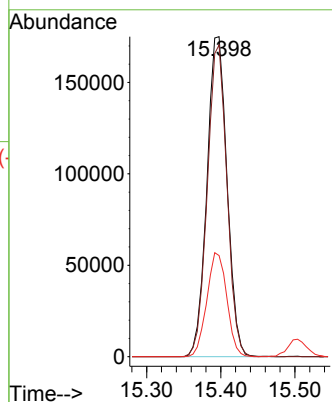
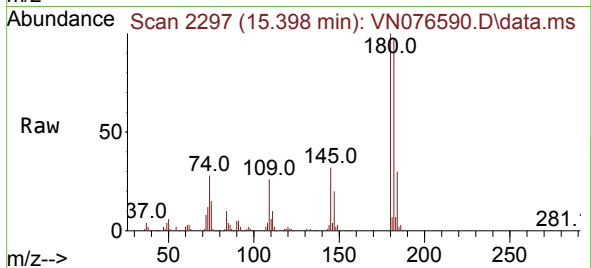
Tgt Ion:180 Resp: 330115

Ion Ratio Lower Upper

180 100

182 94.8 47.4 142.2

145 32.2 16.3 48.8



#94

Hexachlorobutadiene

Concen: 49.291 ug/l

RT: 15.504 min Scan# 2315

Delta R.T. -0.002 min

Lab File: VN076590.D

Acq: 08 Feb 2023 19:22

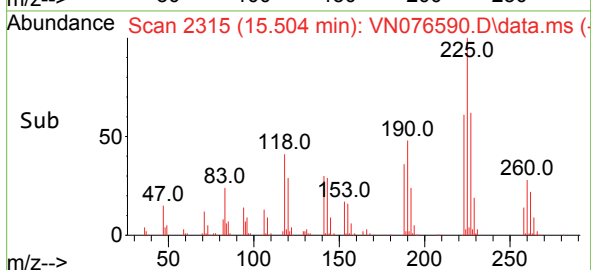
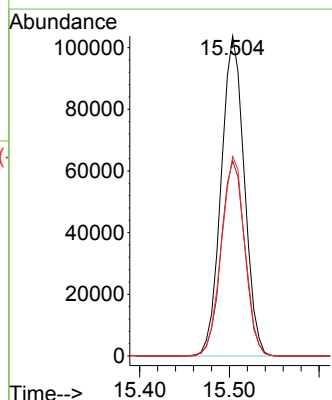
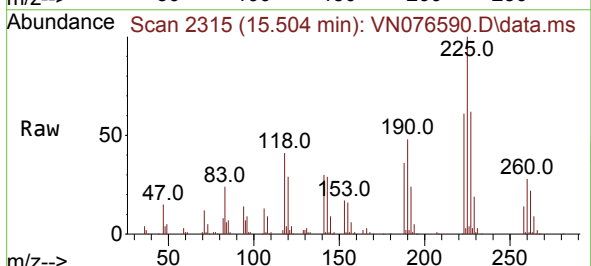
Tgt Ion:225 Resp: 185489

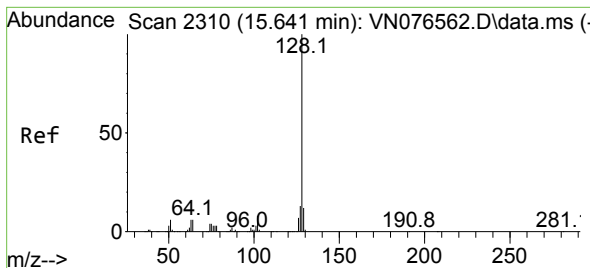
Ion Ratio Lower Upper

225 100

223 62.2 31.2 93.6

227 63.3 31.8 95.3





#95

Naphthalene

Concen: 49.299 ug/l

RT: 15.645 min Scan# 21

Delta R.T. 0.004 min

Lab File: VN076590.D

Acq: 08 Feb 2023 19:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

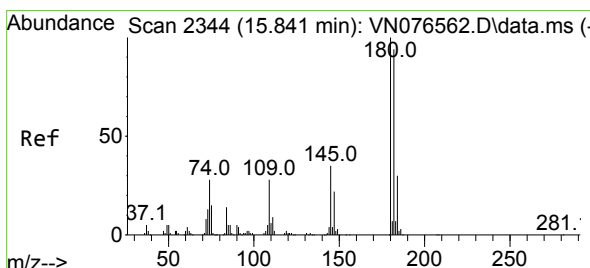
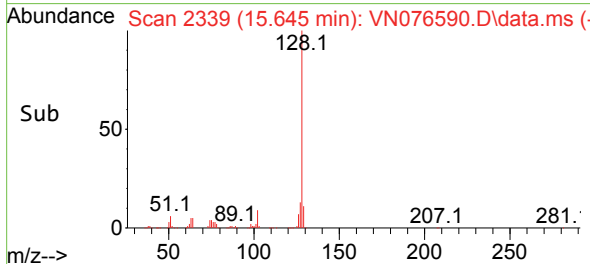
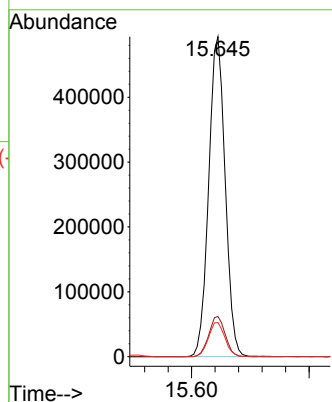
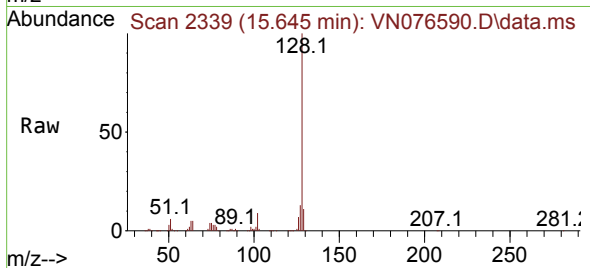
Tgt Ion:128 Resp: 959850

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.593 ug/l

RT: 15.845 min Scan# 2373

Delta R.T. 0.004 min

Lab File: VN076590.D

Acq: 08 Feb 2023 19:22

Tgt Ion:180 Resp: 317845

Ion Ratio Lower Upper

180 100

182 95.2 47.4 142.2

145 34.0 17.2 51.5

