

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011123\
 Data File : VN076196.D
 Acq On : 11 Jan 2023 09:16
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 12 00:29:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	409612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	646773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	589916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	291428	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	199337	44.733	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.460%
35) Dibromofluoromethane	8.171	113	187495	46.811	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.620%
50) Toluene-d8	10.571	98	677826	45.262	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.520%
62) 4-Bromofluorobenzene	12.853	95	251489	50.702	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.400%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	193020	66.367	ug/l	99
3) Chloromethane	2.371	50	191043	52.825	ug/l	99
4) Vinyl Chloride	2.530	62	224820	52.114	ug/l	98
5) Bromomethane	2.953	94	176843	48.235	ug/l	95
6) Chloroethane	3.124	64	153620	48.087	ug/l	98
7) Trichlorofluoromethane	3.506	101	331169	50.591	ug/l	93
8) Diethyl Ether	3.971	74	119775	50.097	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	194262	51.971	ug/l	99
10) Methyl Iodide	4.600	142	300834	49.592	ug/l	100
11) Tert butyl alcohol	5.536	59	133985	212.490	ug/l	100
12) 1,1-Dichloroethene	4.353	96	179441	49.428	ug/l	99
13) Acrolein	4.189	56	123658	159.965	ug/l	99
14) Allyl chloride	5.036	41	212115	49.982	ug/l	92
15) Acrylonitrile	5.724	53	406904	236.472	ug/l	98
16) Acetone	4.436	43	391347	254.760	ug/l	98
17) Carbon Disulfide	4.724	76	410548	46.707	ug/l	99
18) Methyl Acetate	5.036	43	226319	49.842	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	622479	52.068	ug/l	94
20) Methylene Chloride	5.283	84	206730	50.312	ug/l	99
21) trans-1,2-Dichloroethene	5.800	96	193427	48.651	ug/l	99
22) Diisopropyl ether	6.683	45	525402	50.963	ug/l	100
23) Vinyl Acetate	6.612	43	1701348	245.187	ug/l	100
24) 1,1-Dichloroethane	6.577	63	336312	48.914	ug/l	99
25) 2-Butanone	7.488	43	535146	248.804	ug/l	97
26) 2,2-Dichloropropane	7.500	77	291356	50.039	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	235401	49.506	ug/l	97
28) Bromochloromethane	7.818	49	126798	42.076	ug/l	98
29) Tetrahydrofuran	7.841	42	327739	243.149	ug/l	98
30) Chloroform	7.971	83	370885	47.911	ug/l	97
31) Cyclohexane	8.259	56	292864	45.889	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	339817	49.514	ug/l	98
36) 1,1-Dichloropropene	8.377	75	270894	50.913	ug/l	99
37) Ethyl Acetate	7.565	43	207803	48.622	ug/l	98
38) Carbon Tetrachloride	8.365	117	303462	50.958	ug/l	99
39) Methylcyclohexane	9.606	83	348529	54.296	ug/l	94
40) Benzene	8.612	78	814412	49.610	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	115106	51.814	ug/l	97
42) 1,2-Dichloroethane	8.671	62	266081	48.753	ug/l	100
43) Isopropyl Acetate	8.688	43	360208	51.093	ug/l	99
44) Trichloroethene	9.353	130	226431	48.960	ug/l	97
45) 1,2-Dichloropropane	9.624	63	197834	49.522	ug/l	99
46) Dibromomethane	9.712	93	146658	49.497	ug/l	99
47) Bromodichloromethane	9.888	83	292438	50.329	ug/l	98
48) Methyl methacrylate	9.682	41	168261	52.991	ug/l	99
49) 1,4-Dioxane	9.694	88	72721	931.577	ug/l	100
51) 4-Methyl-2-Pentanone	10.447	43	1062836	249.283	ug/l	100
52) Toluene	10.629	92	547520	51.211	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	304561	53.546	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	336566	53.894	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	213875	50.965	ug/l	98
56) Ethyl methacrylate	10.876	69	305103	54.736	ug/l	99
57) 1,3-Dichloropropane	11.165	76	345420	50.181	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	411101	231.648	ug/l	99
59) 2-Hexanone	11.200	43	794098	255.396	ug/l	99
60) Dibromochloromethane	11.359	129	240647	51.565	ug/l	100
61) 1,2-Dibromoethane	11.471	107	217490	51.214	ug/l	100
64) Tetrachloroethene	11.106	164	219663	52.917	ug/l	97
65) Chlorobenzene	11.894	112	595094	49.149	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	223219	49.773	ug/l	98
67) Ethyl Benzene	11.965	91	1086344	53.161	ug/l	100
68) m/p-Xylenes	12.071	106	861220	106.479	ug/l	100
69) o-Xylene	12.400	106	428037	53.477	ug/l	99
70) Styrene	12.412	104	708354	55.659	ug/l	99
71) Bromoform	12.576	173	176304	54.026	ug/l #	100
73) Isopropylbenzene	12.700	105	1127624	53.544	ug/l	100
74) N-amyl acetate	12.494	43	326644	52.870	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	293537	45.087	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	364924	62.120	ug/l	75
77) Bromobenzene	12.982	156	266864	50.071	ug/l	96
78) n-propylbenzene	13.035	91	1297426	55.856	ug/l	100
79) 2-Chlorotoluene	13.129	91	750228	51.741	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	957149	54.303	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	87317	53.502	ug/l	99
82) 4-Chlorotoluene	13.129	91	750228	51.741	ug/l	100
83) tert-Butylbenzene	13.441	119	844099	54.316	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	944800	54.033	ug/l	99
85) sec-Butylbenzene	13.617	105	1196384	55.777	ug/l	99
86) p-Isopropyltoluene	13.729	119	1020554	57.181	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	502023	50.992	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	490310	48.751	ug/l	99
89) n-Butylbenzene	14.059	91	820096	56.718	ug/l	100
90) Hexachloroethane	14.335	117	168693	52.838	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	470816	48.551	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	49810	43.117	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	244744	50.978	ug/l	99
94) Hexachlorobutadiene	15.506	225	128915	49.217	ug/l	99
95) Naphthalene	15.641	128	678239	43.078	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	229067	51.049	ug/l	98

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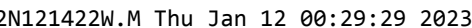
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

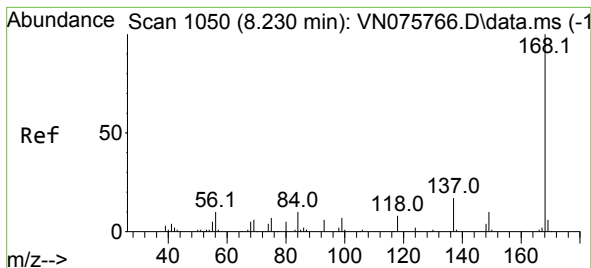
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QLast Update : Wed Dec 14 13:03:41 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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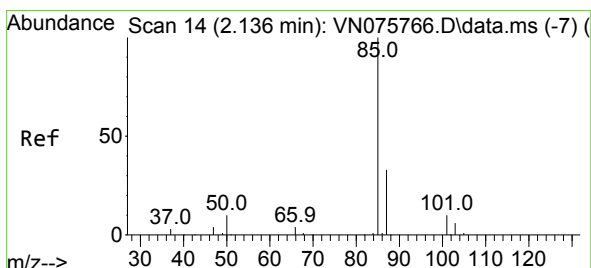
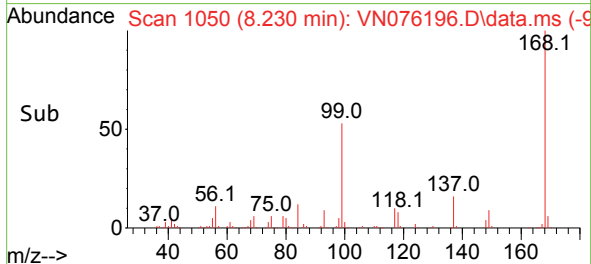
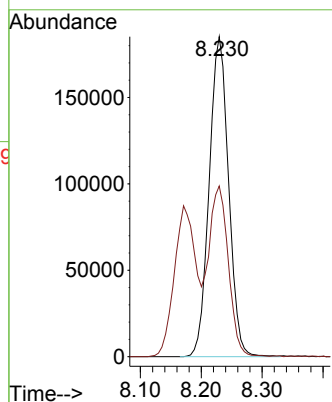
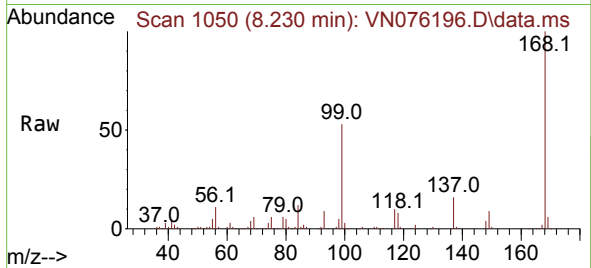




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076196.D
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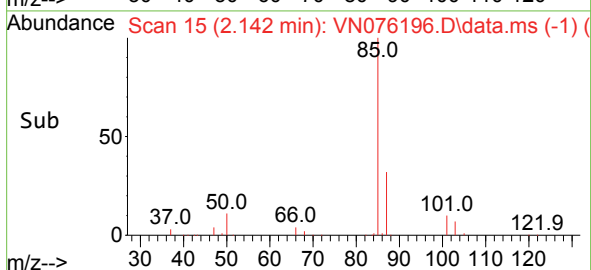
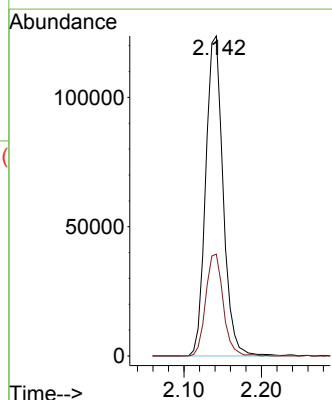
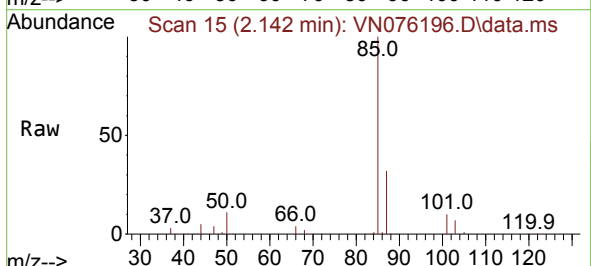
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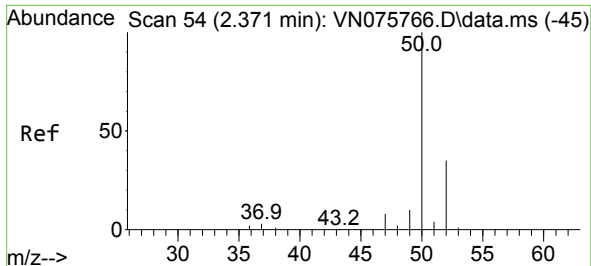
Tgt Ion:168 Resp: 409612
Ion Ratio Lower Upper
168 100
99 53.1 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 66.367 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

Tgt Ion: 85 Resp: 193020
Ion Ratio Lower Upper
85 100
87 31.8 16.3 48.9

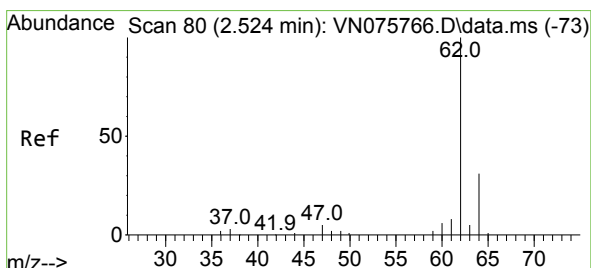
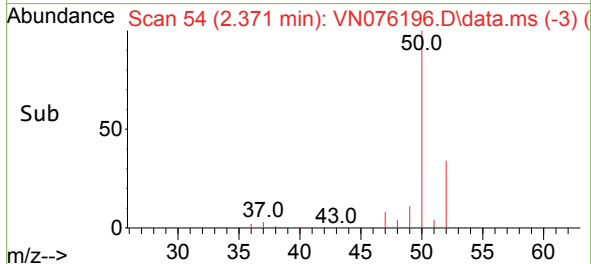
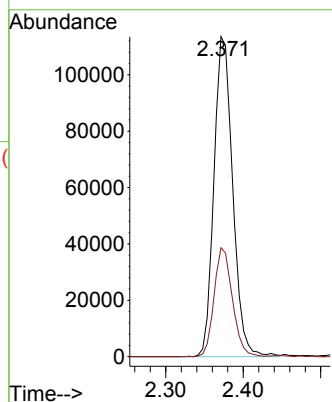
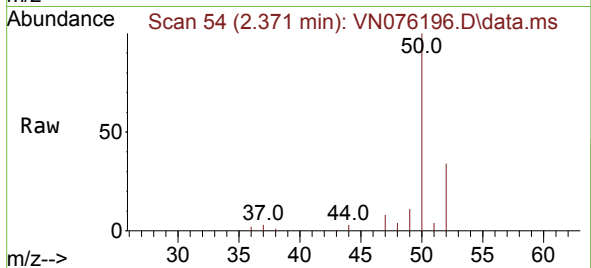




#3
Chloromethane
Concen: 52.825 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

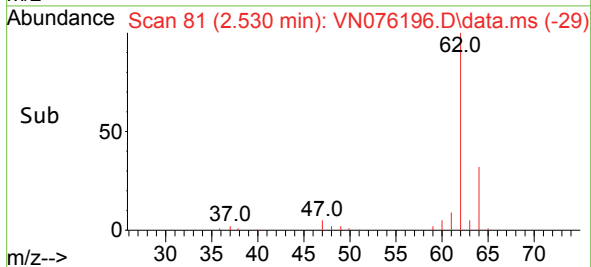
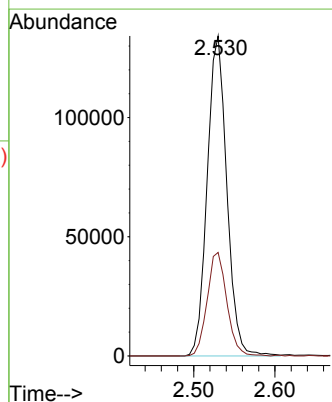
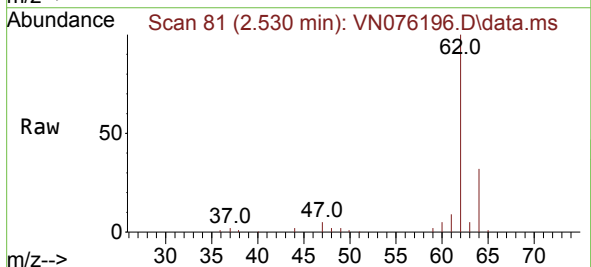
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ClientSampleId :
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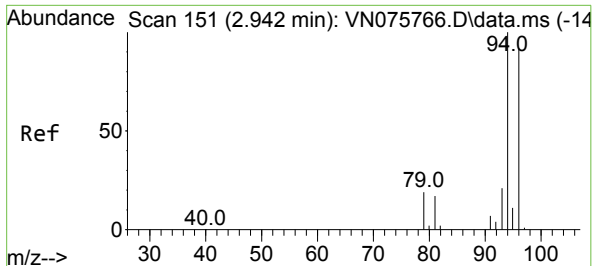
Tgt Ion: 50 Resp: 191043
Ion Ratio Lower Upper
50 100
52 34.0 27.7 41.5



#4
Vinyl Chloride
Concen: 52.114 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

Tgt Ion: 62 Resp: 224820
Ion Ratio Lower Upper
62 100
64 32.4 24.9 37.3

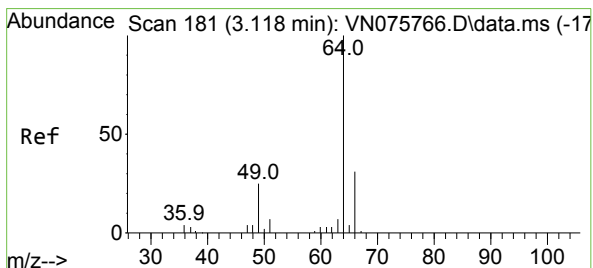
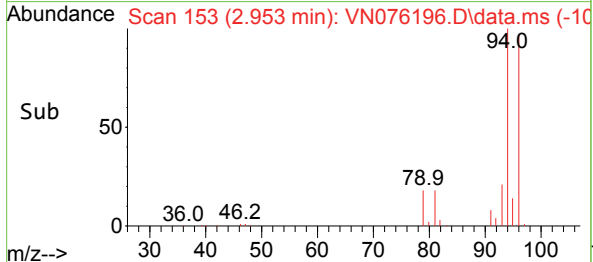
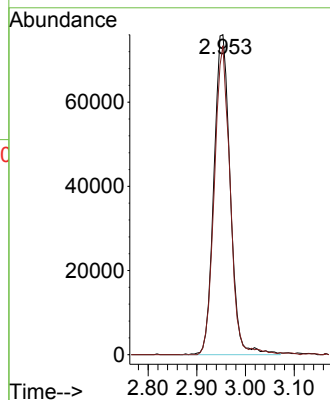
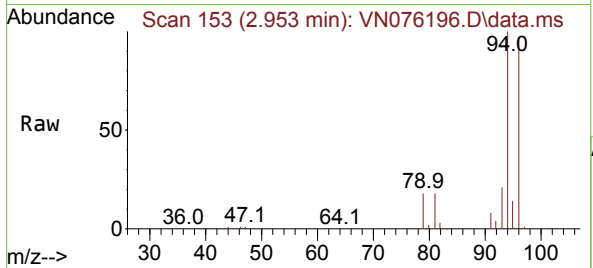




#5
Bromomethane
Concen: 48.235 ug/l
RT: 2.953 min Scan# 153
Delta R.T. 0.012 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

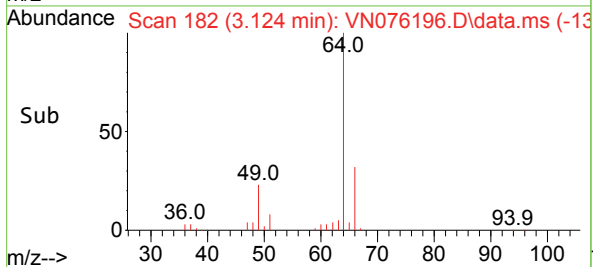
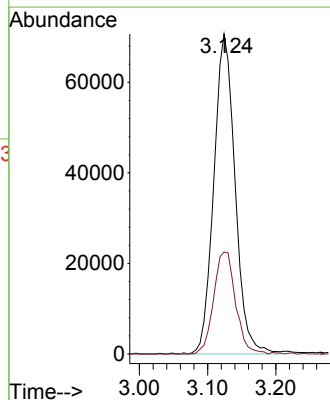
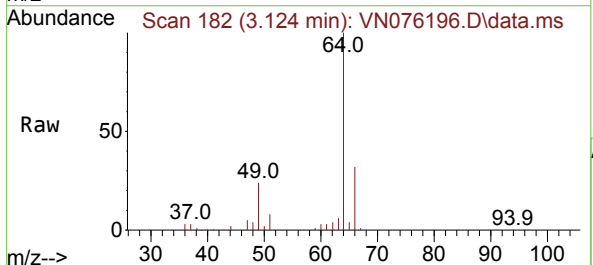
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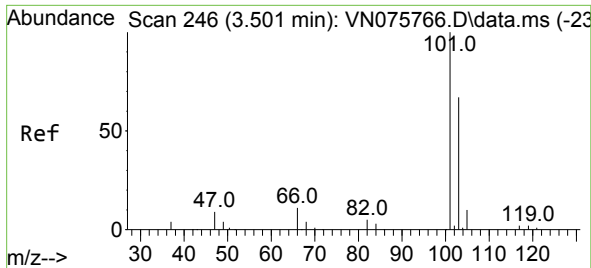
Tgt Ion: 94 Resp: 176843
Ion Ratio Lower Upper
94 100
96 96.5 73.8 110.6



#6
Chloroethane
Concen: 48.087 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

Tgt Ion: 64 Resp: 153620
Ion Ratio Lower Upper
64 100
66 31.9 24.6 36.8

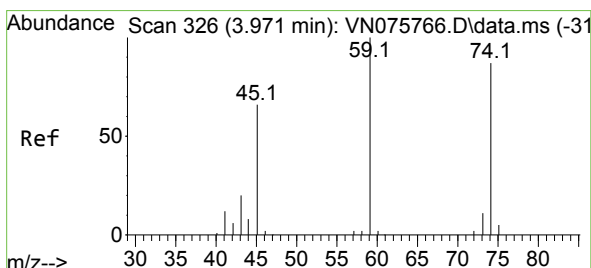
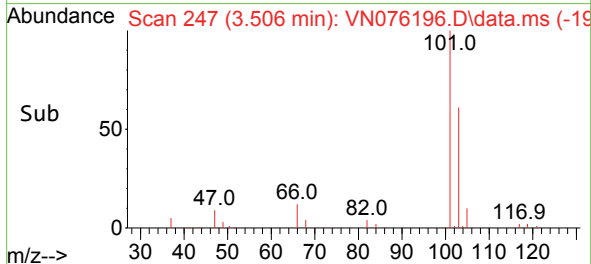
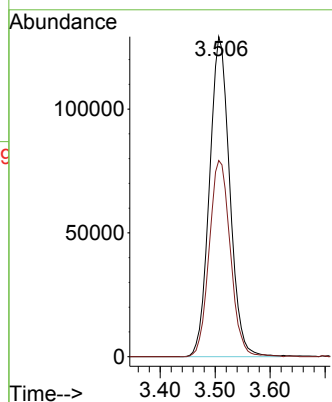
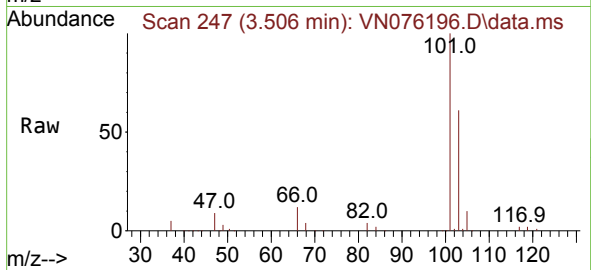




#7
 Trichlorofluoromethane
 Concen: 50.591 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN076196.D
 Acq: 11 Jan 2023 09:16

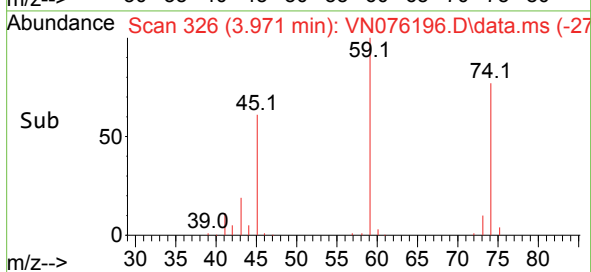
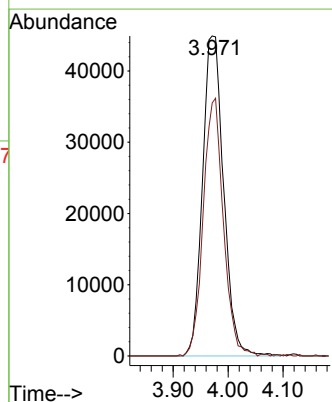
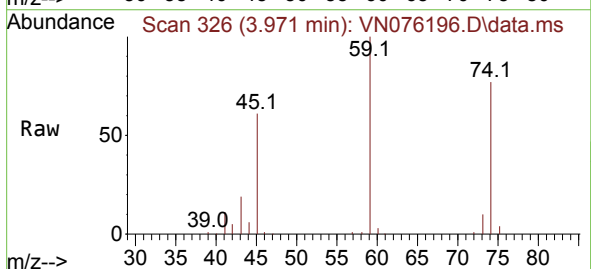
Instrument :
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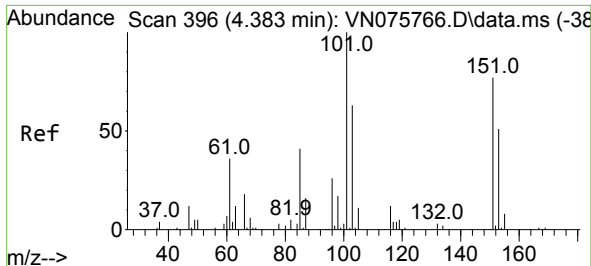
Tgt Ion:101 Resp: 331169
 Ion Ratio Lower Upper
 101 100
 103 61.3 53.4 80.2



#8
 Diethyl Ether
 Concen: 50.097 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 119775
 Ion Ratio Lower Upper
 74 100
 45 76.8 37.8 113.4

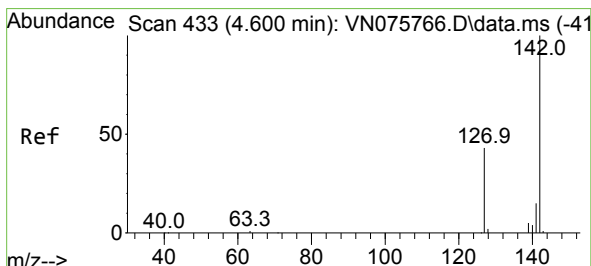
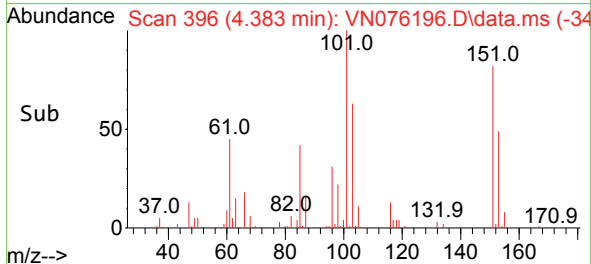
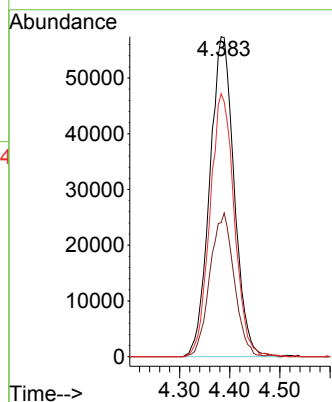
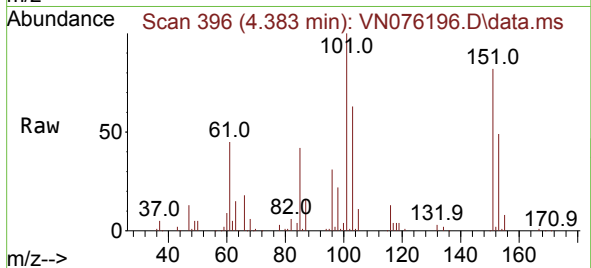




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.971 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

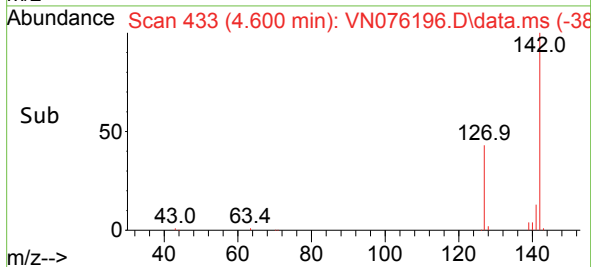
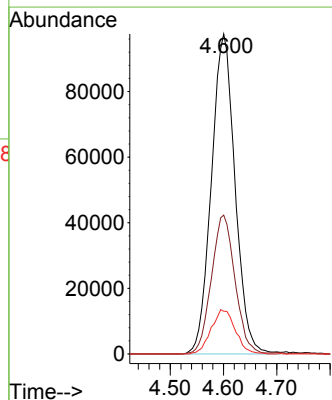
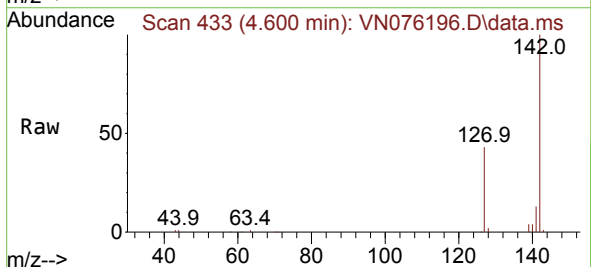
Instrument :
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ClientSampleId :
VSTDCCC050

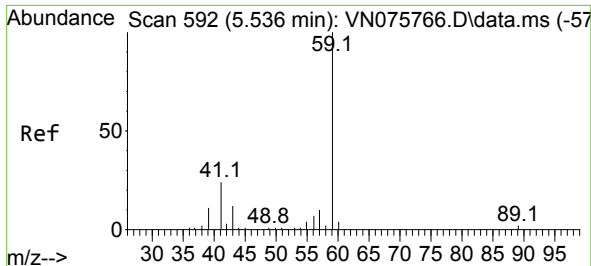
Tgt Ion:101 Resp: 194262
Ion Ratio Lower Upper
101 100
85 44.6 35.3 52.9
151 81.7 65.6 98.4



#10
Methyl Iodide
Concen: 49.592 ug/l
RT: 4.600 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

Tgt Ion:142 Resp: 300834
Ion Ratio Lower Upper
142 100
127 43.3 34.7 52.1
141 14.1 11.4 17.2

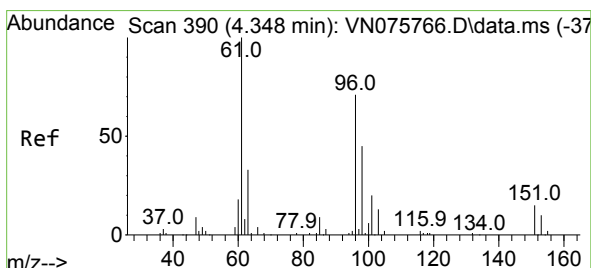
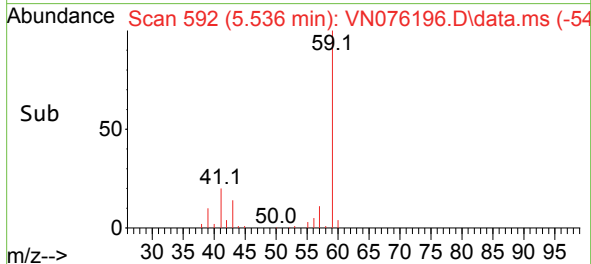
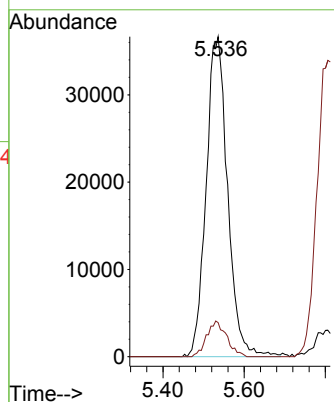
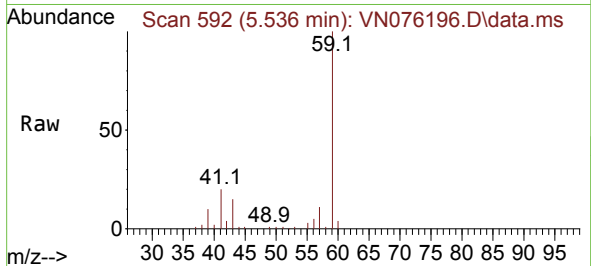




#11
Tert butyl alcohol
Concen: 212.490 ug/l
RT: 5.536 min Scan# 591
Delta R.T. -0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

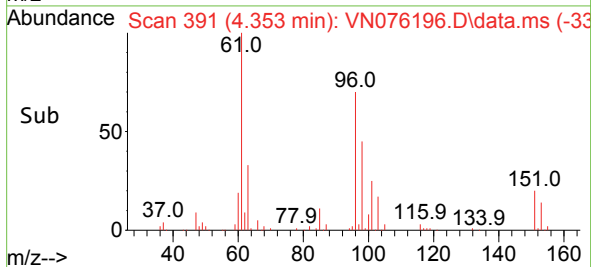
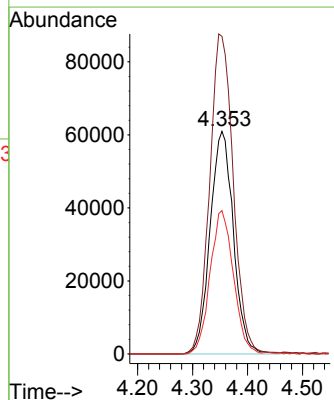
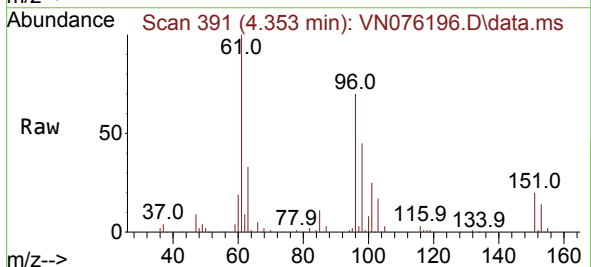
Instrument :
MSVOA_N
ClientSampleId :
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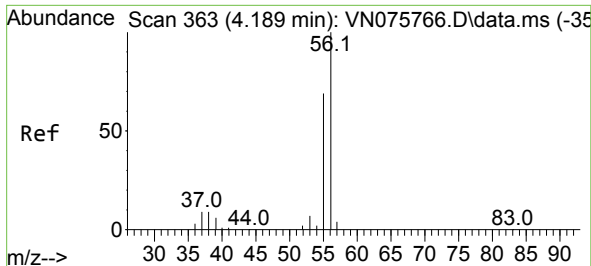
Tgt Ion: 59 Resp: 133985
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 49.428 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

Tgt Ion: 96 Resp: 179441
Ion Ratio Lower Upper
96 100
61 142.7 113.3 169.9
98 64.4 50.9 76.3

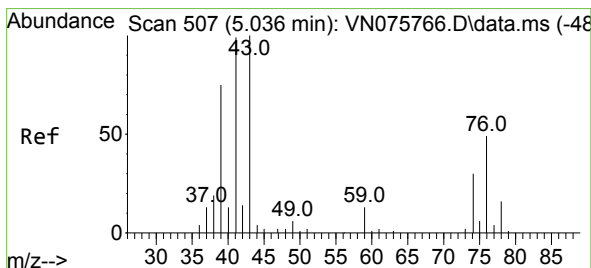
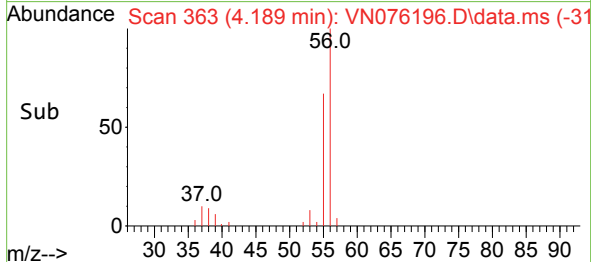
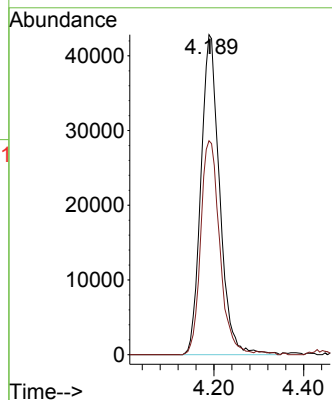
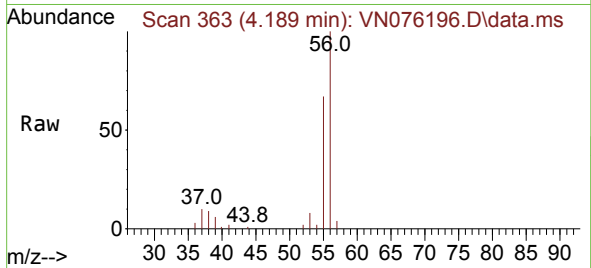




#13
Acrolein
Concen: 159.965 ug/l
RT: 4.189 min Scan# 363
Delta R.T. 0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

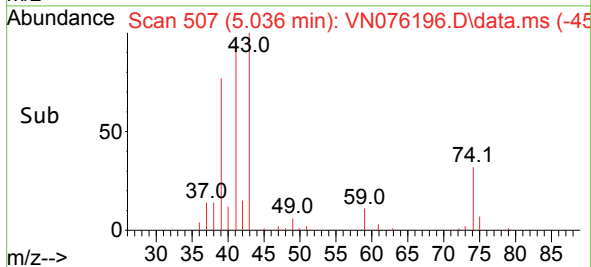
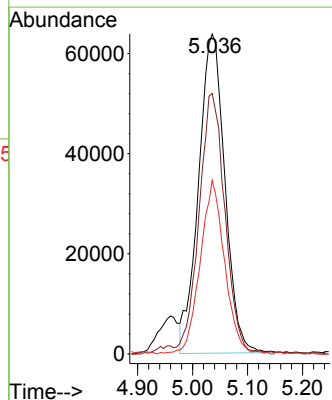
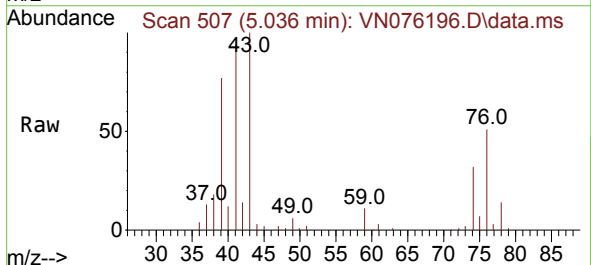
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

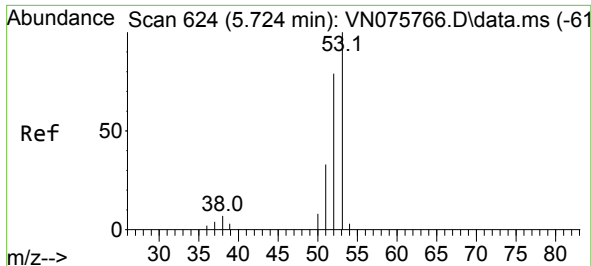
Tgt Ion: 56 Resp: 123658
Ion Ratio Lower Upper
56 100
55 68.0 54.8 82.2



#14
Allyl chloride
Concen: 49.982 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

Tgt Ion: 41 Resp: 212115
Ion Ratio Lower Upper
41 100
39 79.5 58.3 87.5
76 50.6 35.8 53.6

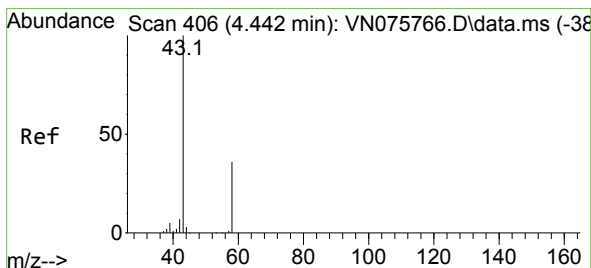
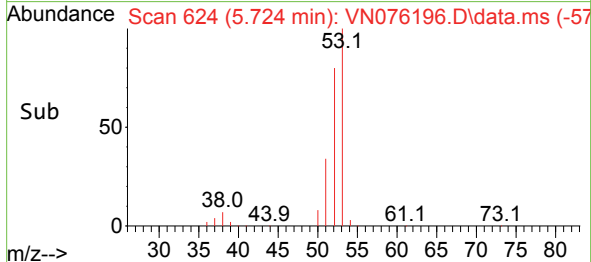
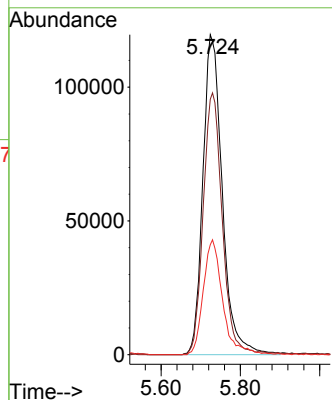
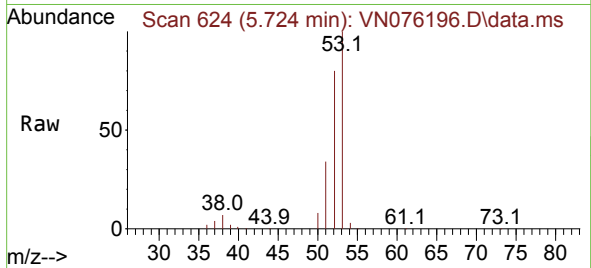




#15
Acrylonitrile
Concen: 236.472 ug/l
RT: 5.724 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

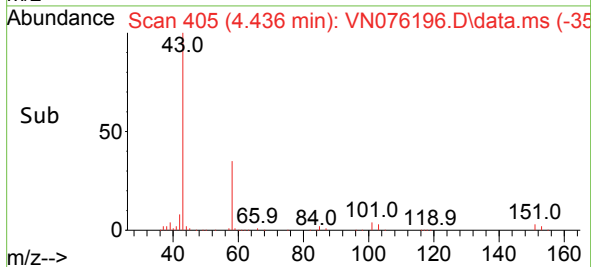
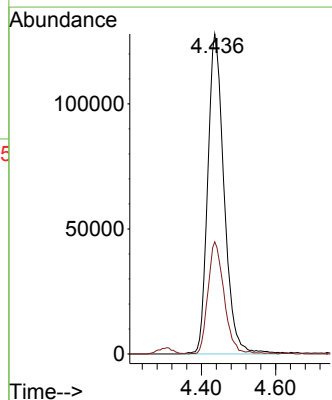
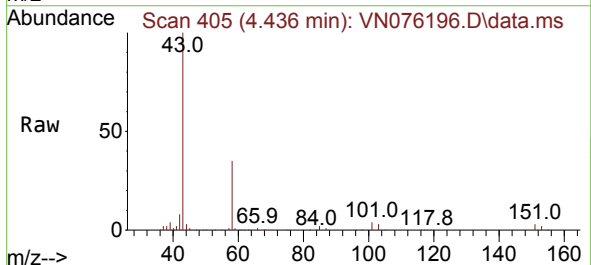
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MSVOA_N
ClientSampleId :
VSTDCCC050

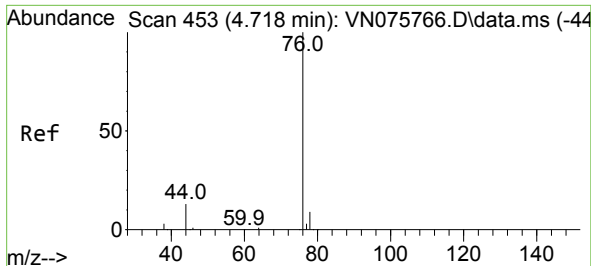
Tgt Ion: 53 Resp: 406904
Ion Ratio Lower Upper
53 100
52 80.0 65.4 98.0
51 35.8 28.9 43.3



#16
Acetone
Concen: 254.760 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

Tgt Ion: 43 Resp: 391347
Ion Ratio Lower Upper
43 100
58 34.8 28.6 43.0

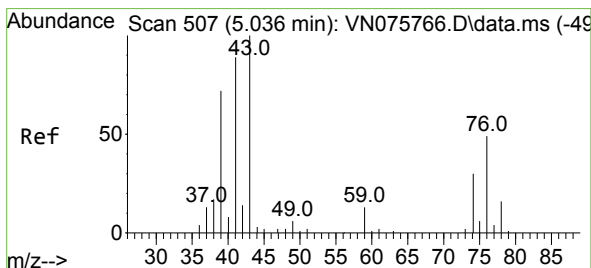
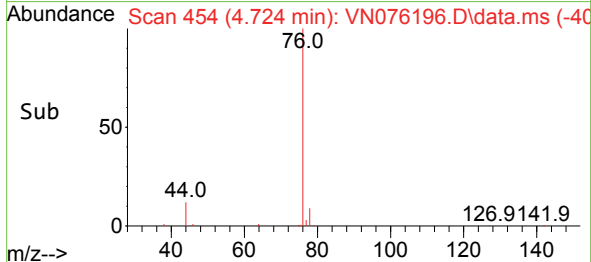
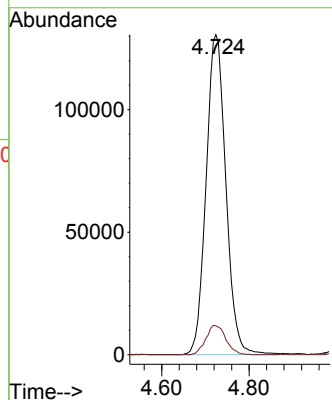
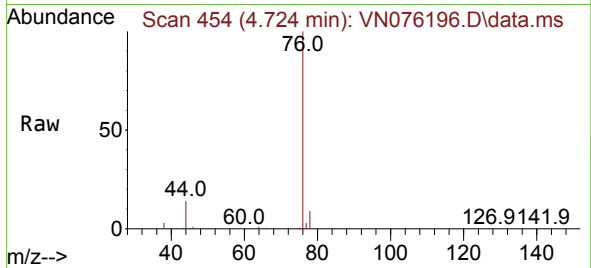




#17
Carbon Disulfide
Concen: 46.707 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

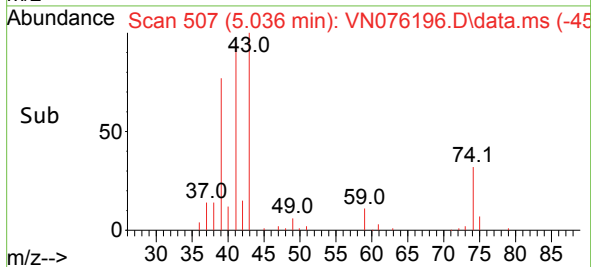
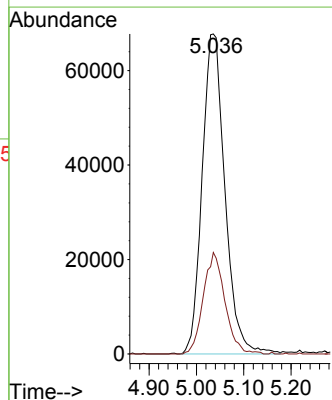
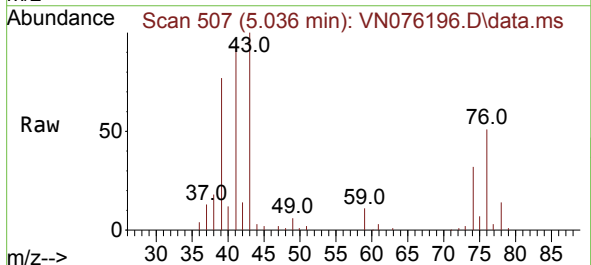
Instrument :
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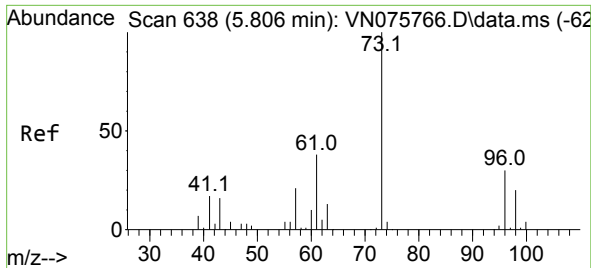
Tgt Ion: 76 Resp: 410548
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 49.842 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

Tgt Ion: 43 Resp: 226319
Ion Ratio Lower Upper
43 100
74 30.2 23.6 35.4

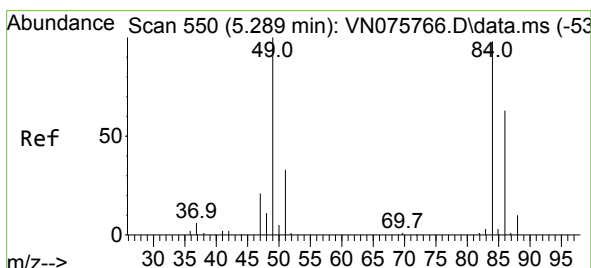
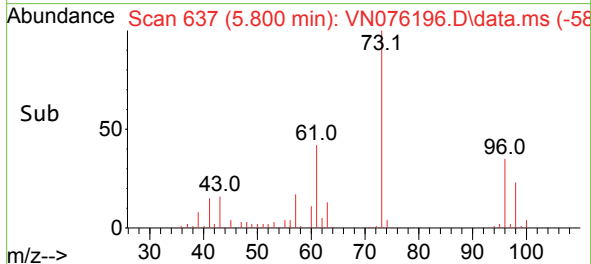
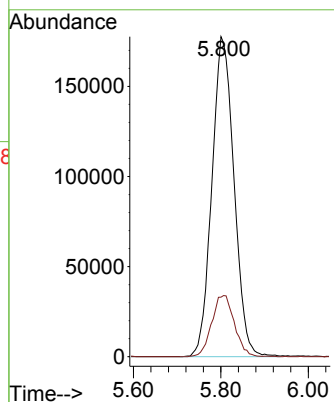
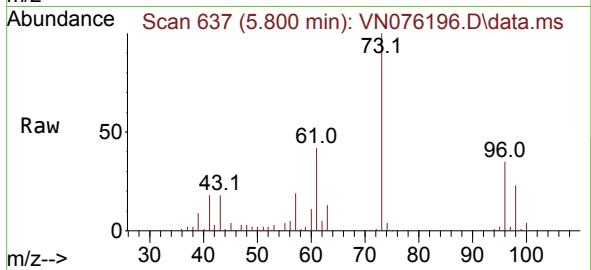




#19
Methyl tert-butyl Ether
Concen: 52.068 ug/l
RT: 5.800 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

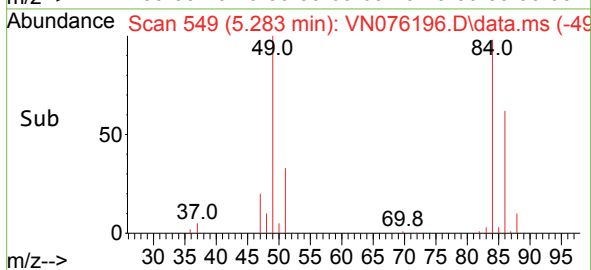
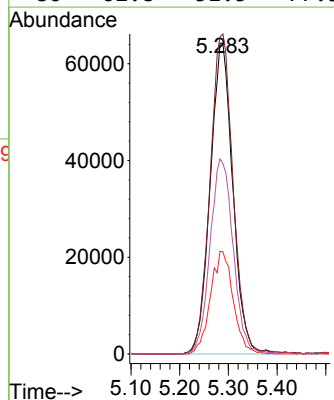
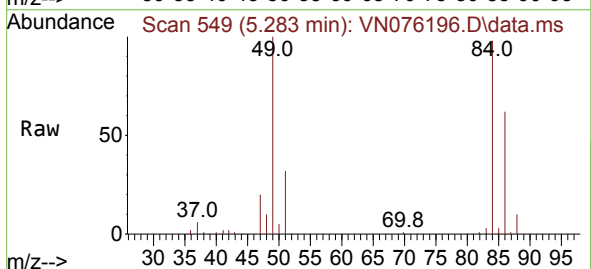
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ClientSampleId :
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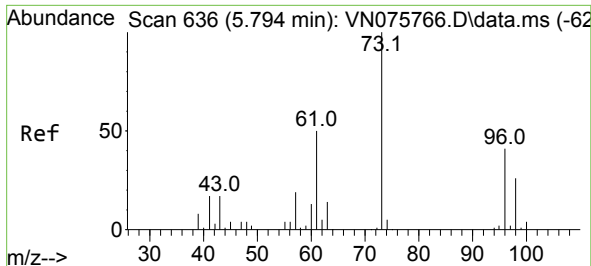
Tgt Ion: 73 Resp: 622479
Ion Ratio Lower Upper
73 100
57 18.6 17.1 25.7



#20
Methylene Chloride
Concen: 50.312 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

Tgt Ion: 84 Resp: 206730
Ion Ratio Lower Upper
84 100
49 102.0 81.8 122.6
51 33.1 26.7 40.1
86 62.8 51.5 77.3

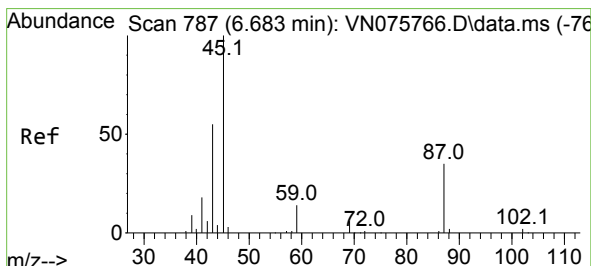
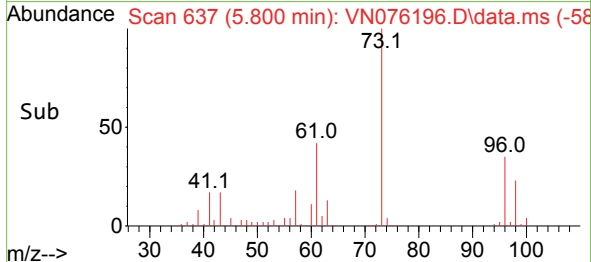
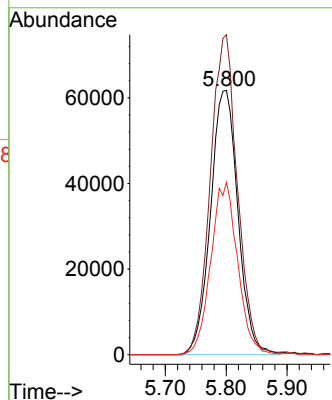
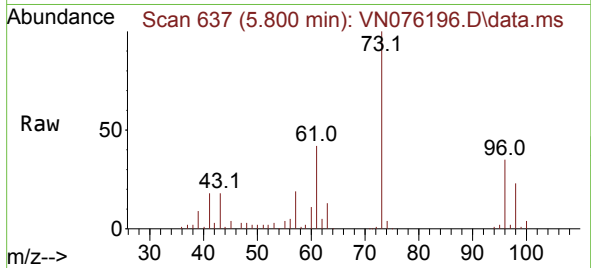




#21
trans-1,2-Dichloroethene
Concen: 48.651 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

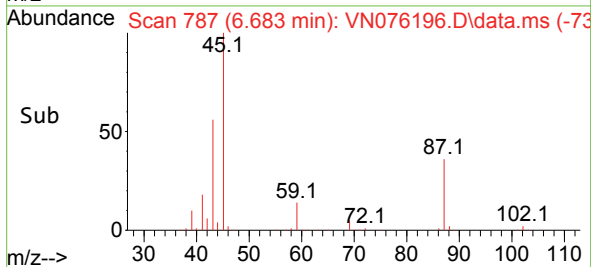
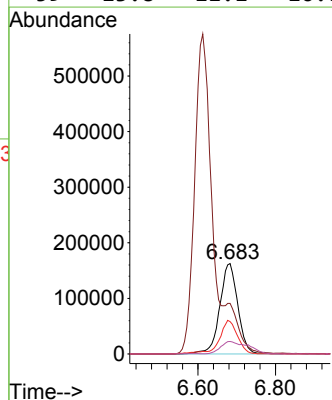
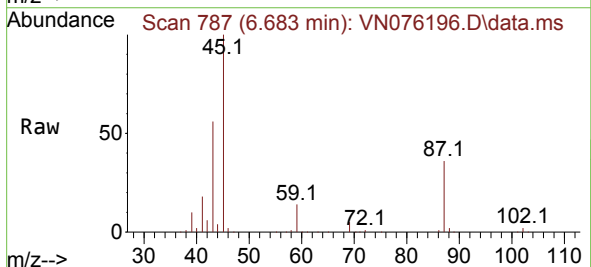
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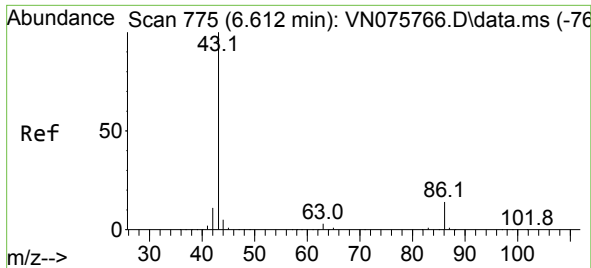
Tgt Ion: 96 Resp: 193427
Ion Ratio Lower Upper
96 100
61 120.8 98.1 147.1
98 65.2 51.4 77.2



#22
Diisopropyl ether
Concen: 50.963 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

Tgt Ion: 45 Resp: 525402
Ion Ratio Lower Upper
45 100
43 55.0 44.2 66.4
87 35.6 28.3 42.5
59 13.8 11.1 16.7

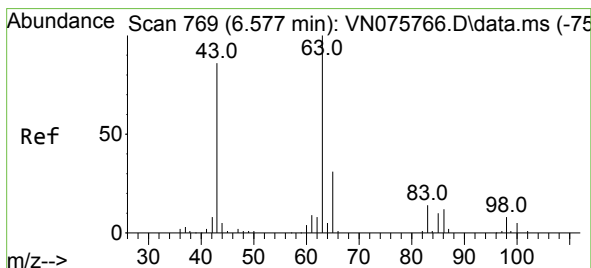
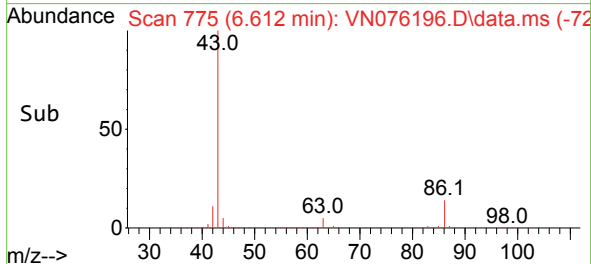
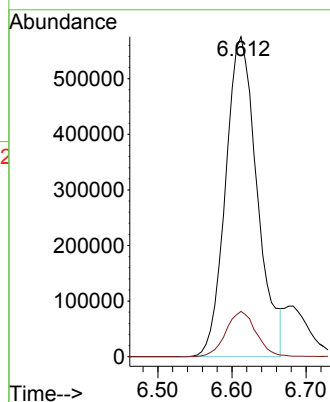
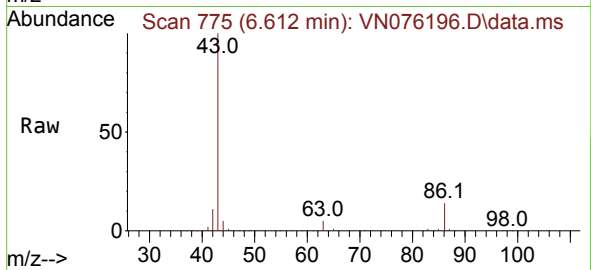




#23
 Vinyl Acetate
 Concen: 245.187 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN076196.D
 Acq: 11 Jan 2023 09:16

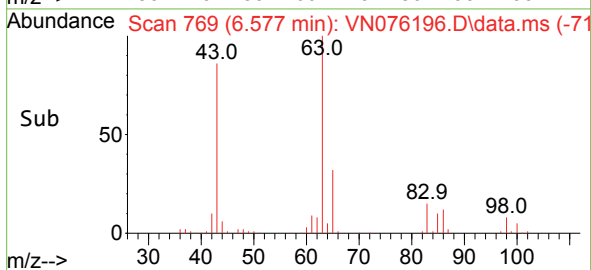
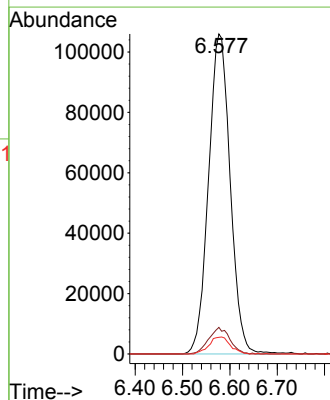
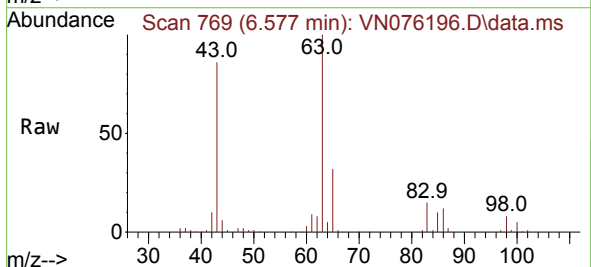
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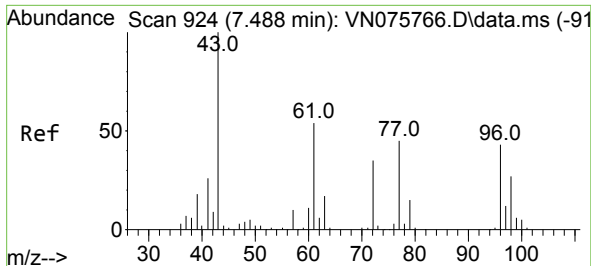
Tgt Ion: 43 Resp: 1701348
 Ion Ratio Lower Upper
 43 100
 86 14.1 11.4 17.2



#24
 1,1-Dichloroethane
 Concen: 48.914 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN076196.D
 Acq: 11 Jan 2023 09:16

Tgt Ion: 63 Resp: 336312
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.9 11.5
 100 5.2 2.5 7.6





#25

2-Butanone

Concen: 248.804 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN076196.D

Acq: 11 Jan 2023 09:16

Instrument :

MSVOA_N

ClientSampleId :

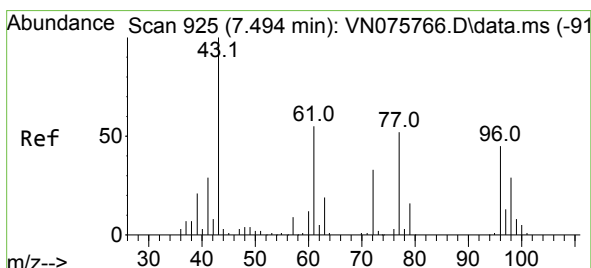
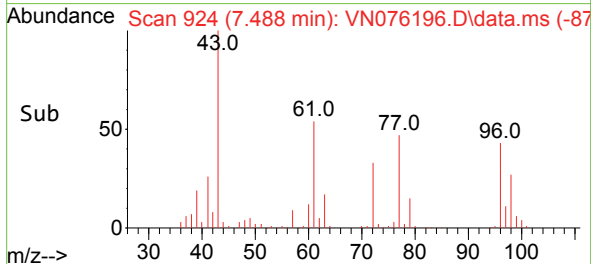
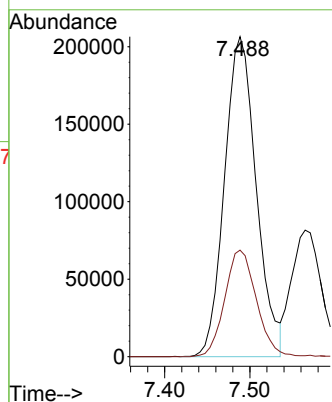
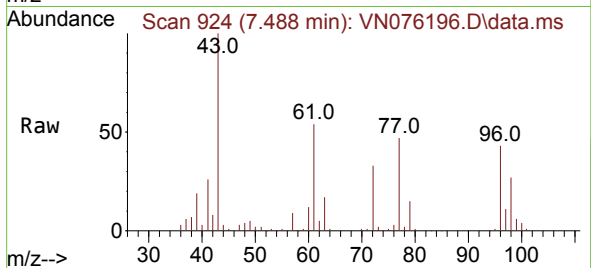
VSTDCCC050

Tgt Ion: 43 Resp: 535146

Ion Ratio Lower Upper

43 100

72 33.3 28.0 42.0



#26

2,2-Dichloropropane

Concen: 50.039 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN076196.D

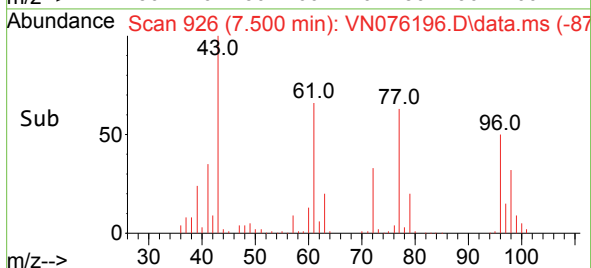
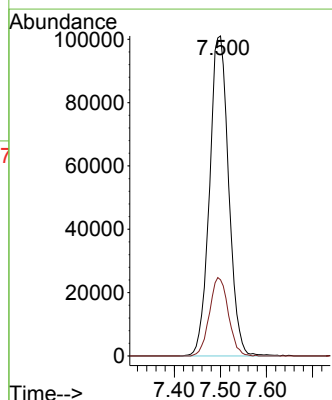
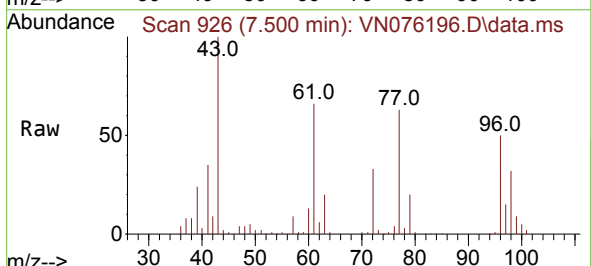
Acq: 11 Jan 2023 09:16

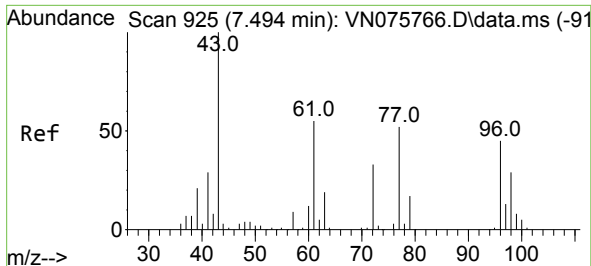
Tgt Ion: 77 Resp: 291356

Ion Ratio Lower Upper

77 100

97 24.2 12.7 38.0





#27

cis-1,2-Dichloroethene

Concen: 49.506 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076196.D

Acq: 11 Jan 2023 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

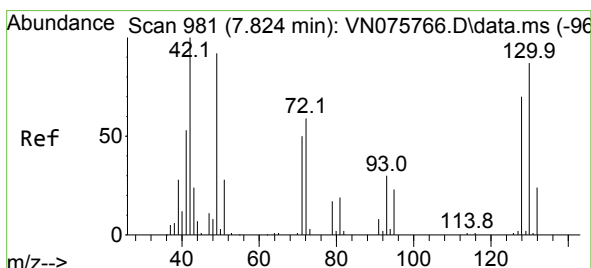
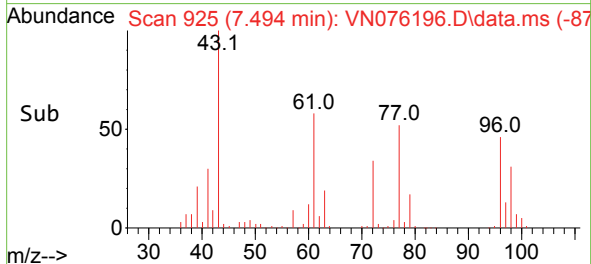
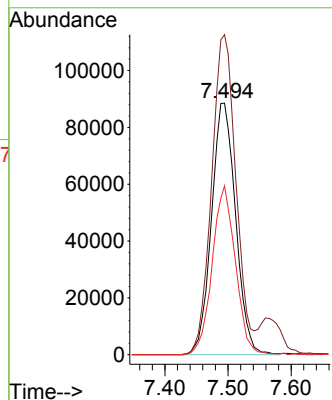
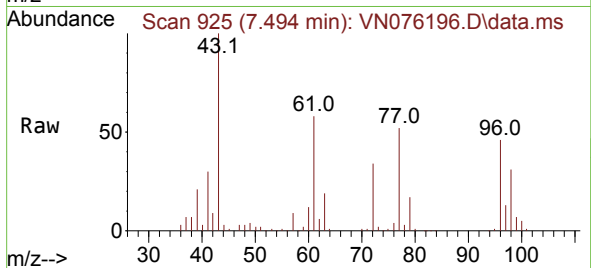
Tgt Ion: 96 Resp: 235401

Ion Ratio Lower Upper

96 100

61 128.1 0.0 247.8

98 64.3 0.0 128.4



#28

Bromochloromethane

Concen: 42.076 ug/l

RT: 7.818 min Scan# 980

Delta R.T. -0.006 min

Lab File: VN076196.D

Acq: 11 Jan 2023 09:16

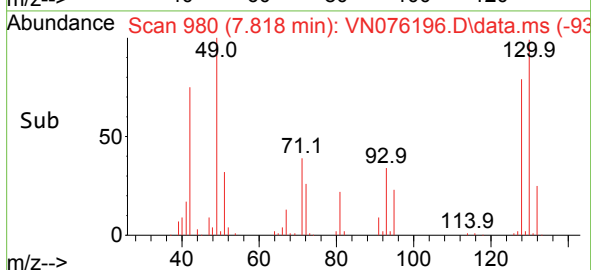
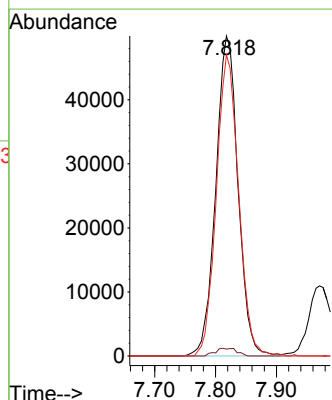
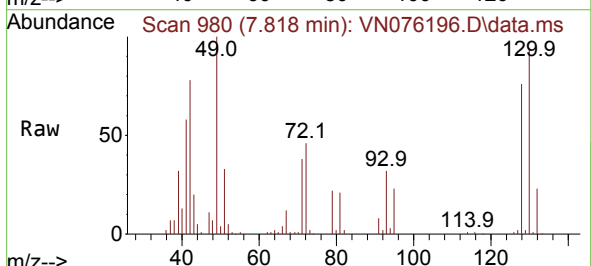
Tgt Ion: 49 Resp: 126798

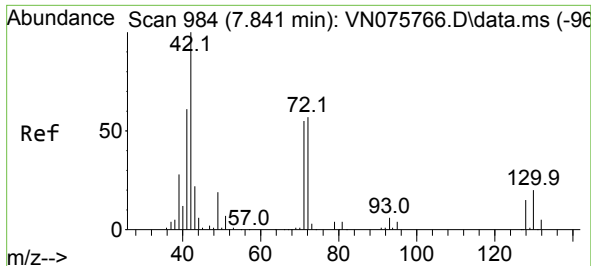
Ion Ratio Lower Upper

49 100

129 2.3 0.0 5.0

130 94.0 77.0 115.4

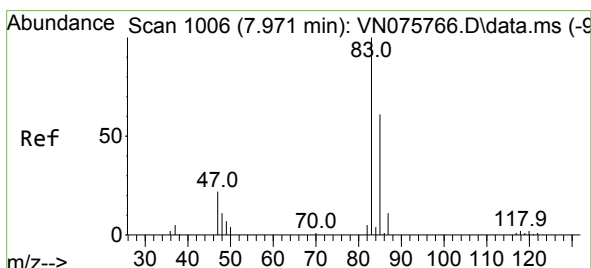
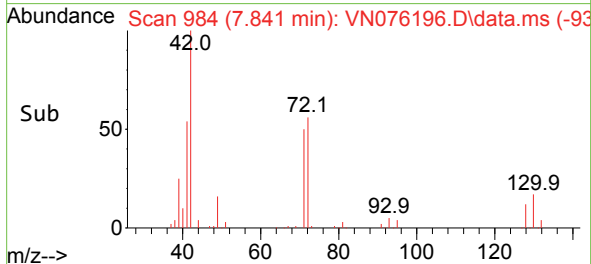
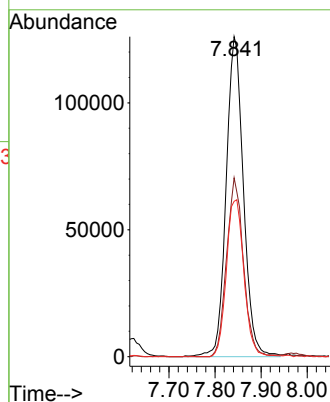
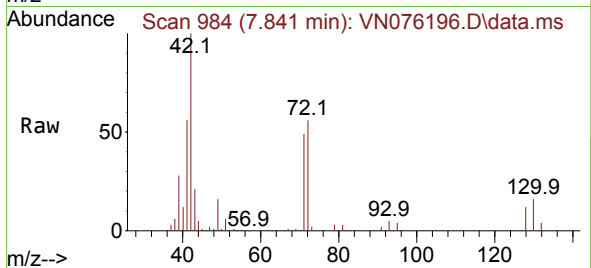




#29
Tetrahydrofuran
Concen: 243.149 ug/l
RT: 7.841 min Scan# 984
Delta R.T. -0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

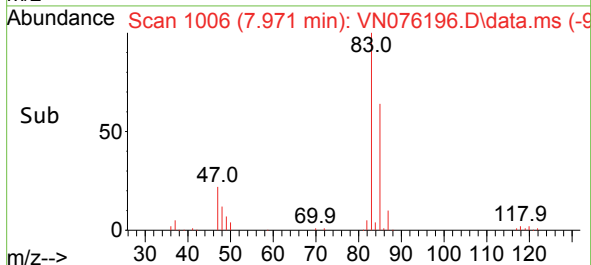
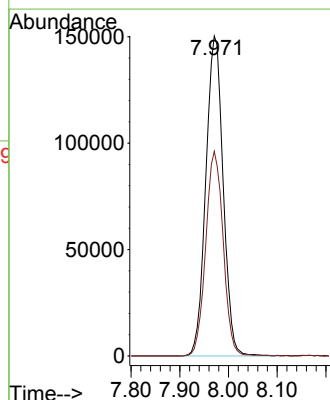
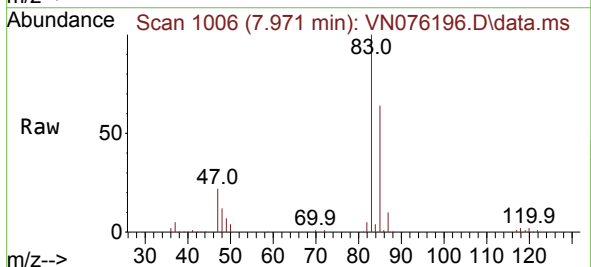
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

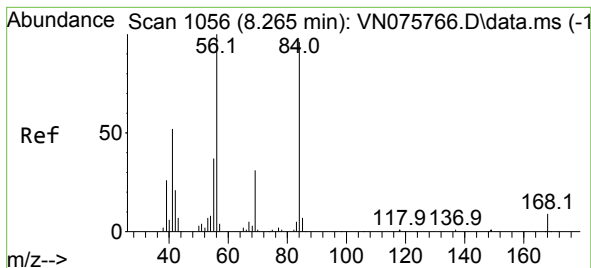
Tgt Ion: 42 Resp: 327739
Ion Ratio Lower Upper
42 100
72 54.5 44.5 66.7
71 49.8 41.0 61.6



#30
Chloroform
Concen: 47.911 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

Tgt Ion: 83 Resp: 370885
Ion Ratio Lower Upper
83 100
85 64.0 49.1 73.7





#31

Cyclohexane

Concen: 45.889 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN076196.D

Acq: 11 Jan 2023 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

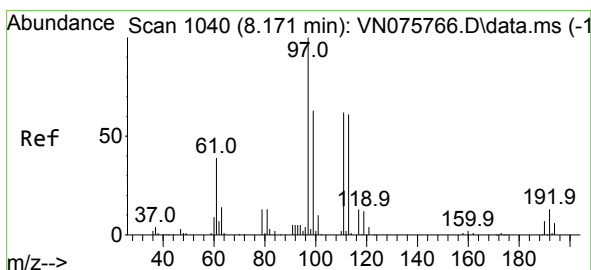
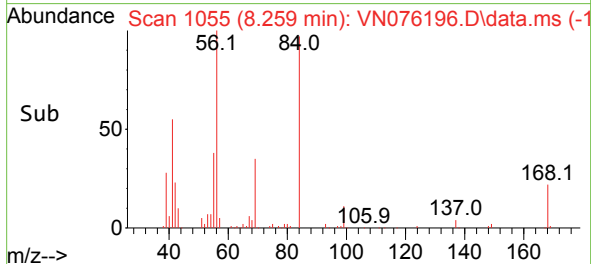
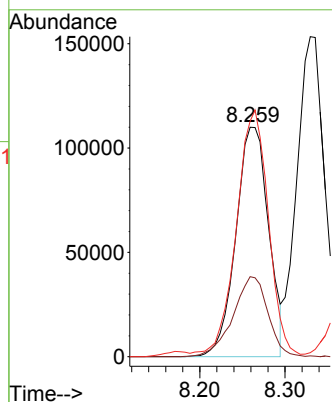
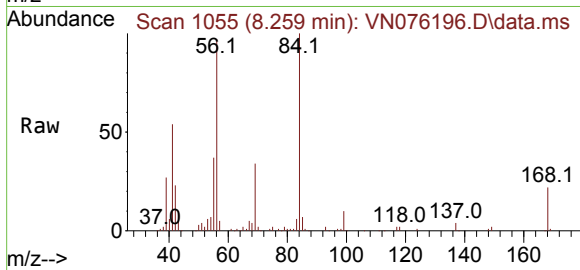
Tgt Ion: 56 Resp: 292864

Ion Ratio Lower Upper

56 100

69 34.8 24.7 37.1

84 100.5 76.5 114.7



#32

1,1,1-Trichloroethane

Concen: 49.514 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076196.D

Acq: 11 Jan 2023 09:16

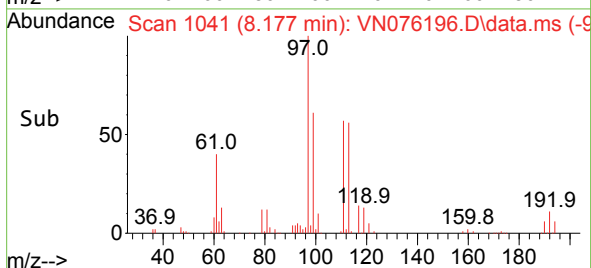
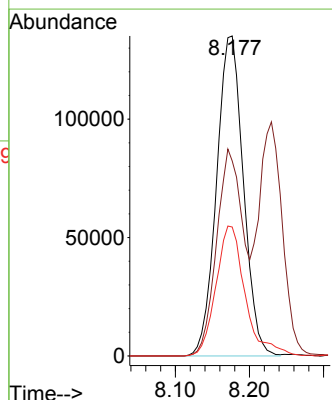
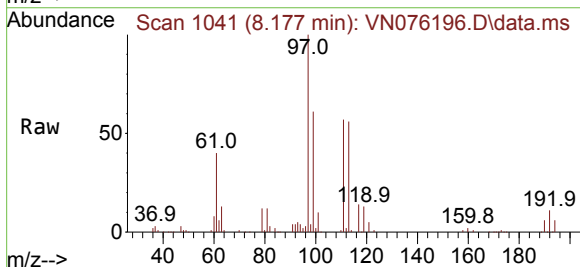
Tgt Ion: 97 Resp: 339817

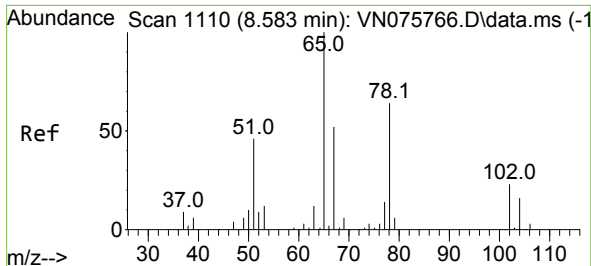
Ion Ratio Lower Upper

97 100

99 63.8 50.2 75.2

61 44.3 34.5 51.7

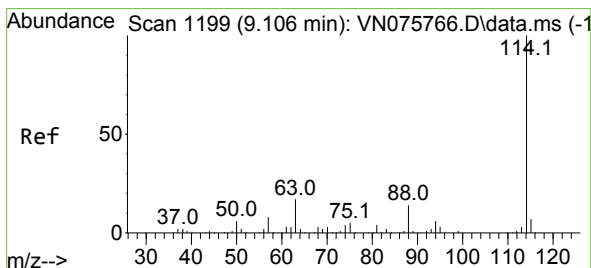
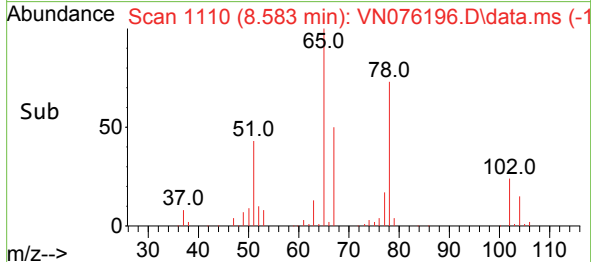
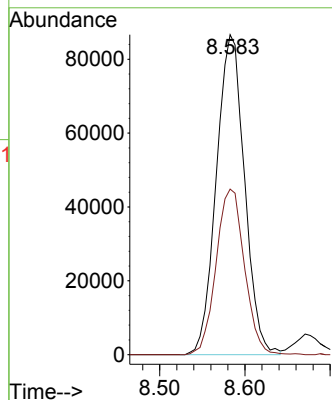
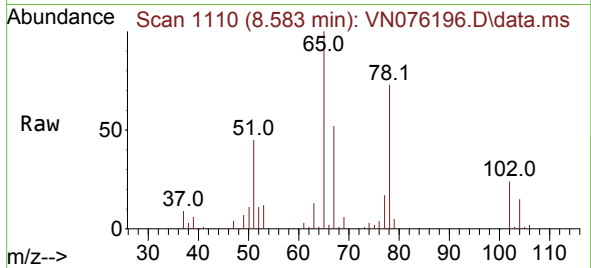




#33
 1,2-Dichloroethane-d4
 Concen: 44.733 ug/l
 RT: 8.583 min Scan# 1110
 Delta R.T. 0.000 min
 Lab File: VN076196.D
 Acq: 11 Jan 2023 09:16

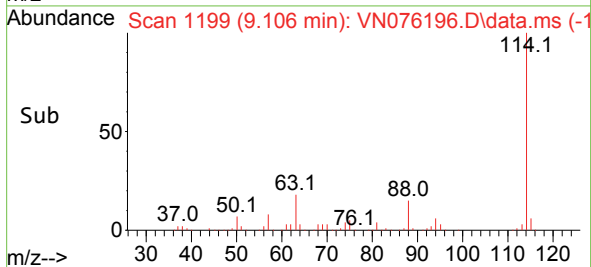
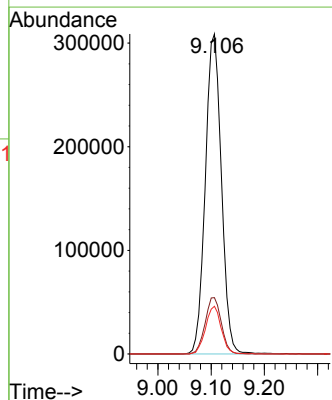
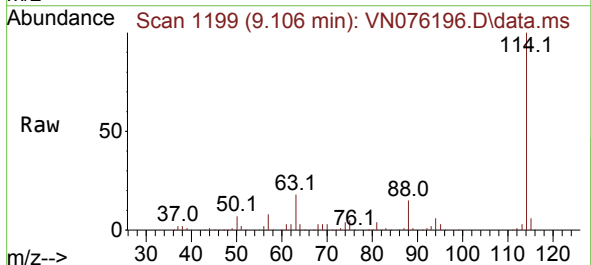
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

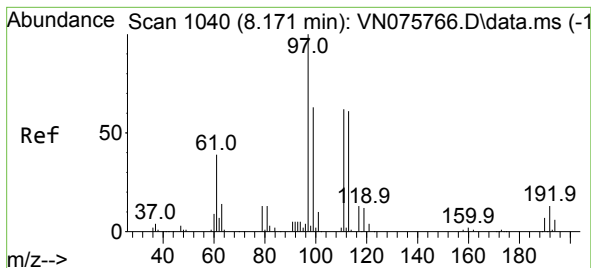
Tgt Ion: 65 Resp: 199337
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. -0.000 min
 Lab File: VN076196.D
 Acq: 11 Jan 2023 09:16

Tgt Ion: 114 Resp: 646773
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 34.4
 88 14.9 0.0 28.8





#35

Dibromofluoromethane

Concen: 46.811 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076196.D

Acq: 11 Jan 2023 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

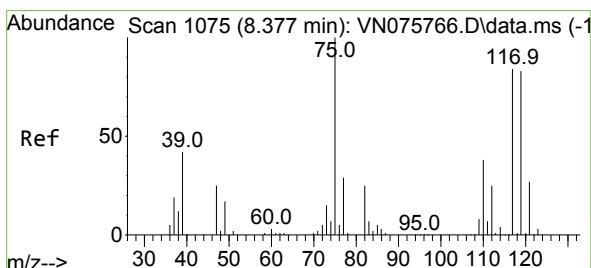
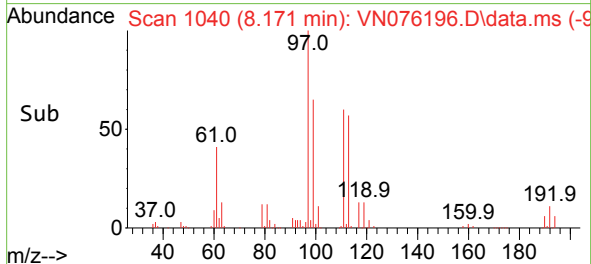
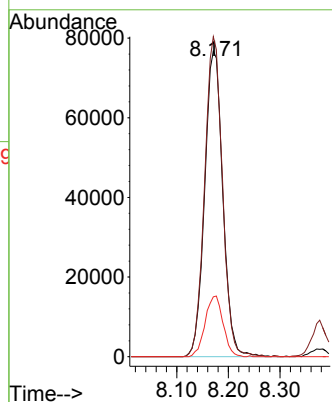
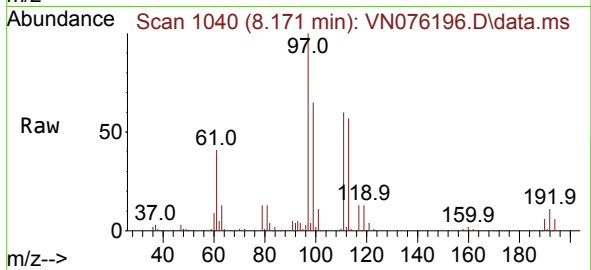
Tgt Ion:113 Resp: 187495

Ion Ratio Lower Upper

113 100

111 102.6 83.4 125.2

192 19.6 16.1 24.1



#36

1,1-Dichloropropene

Concen: 50.913 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN076196.D

Acq: 11 Jan 2023 09:16

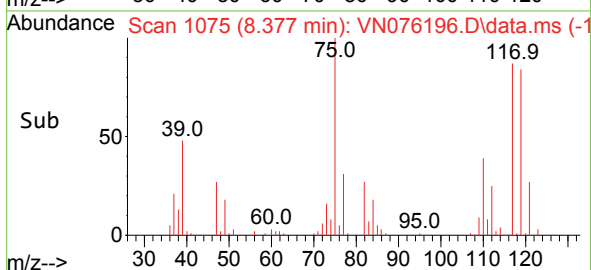
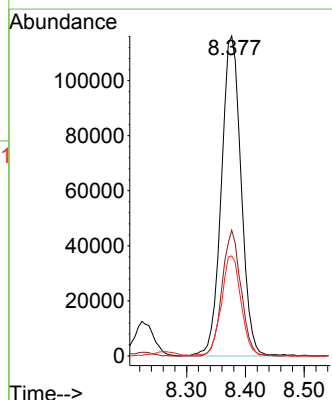
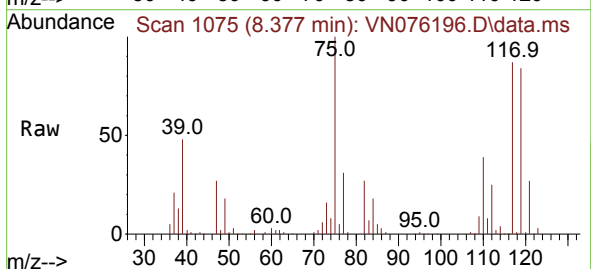
Tgt Ion: 75 Resp: 270894

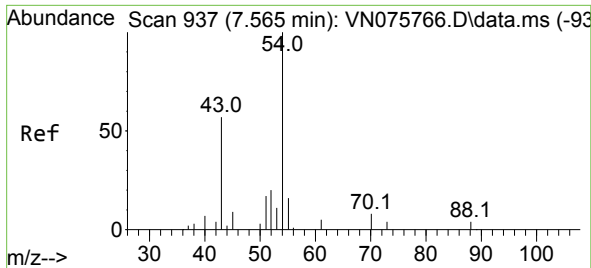
Ion Ratio Lower Upper

75 100

110 37.5 18.8 56.4

77 31.5 24.1 36.1

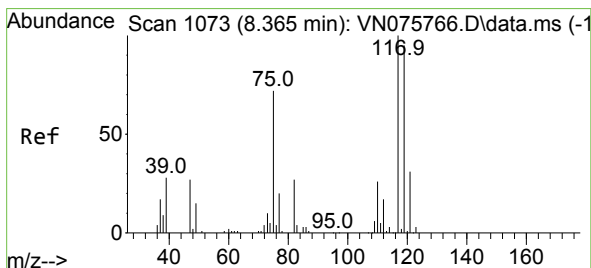
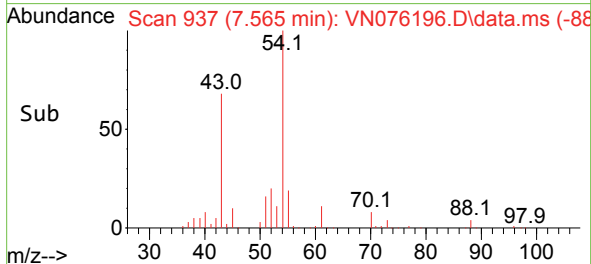
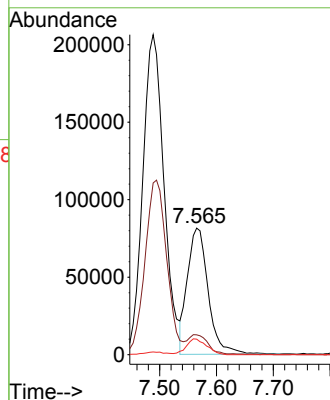
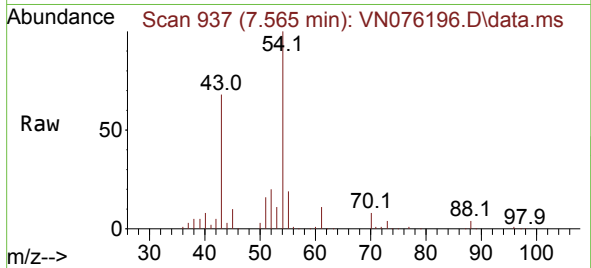




#37
Ethyl Acetate
Concen: 48.622 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

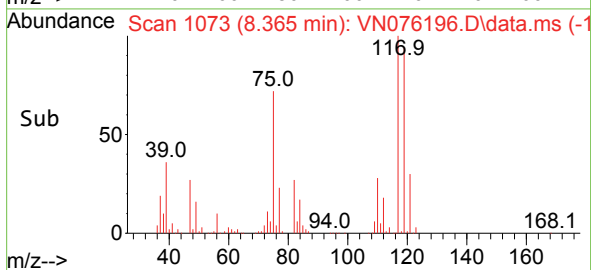
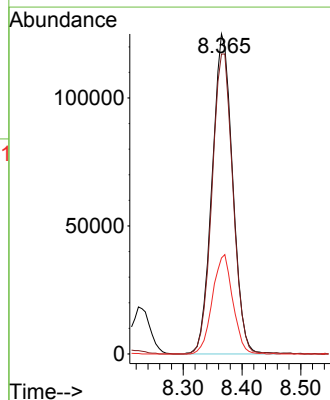
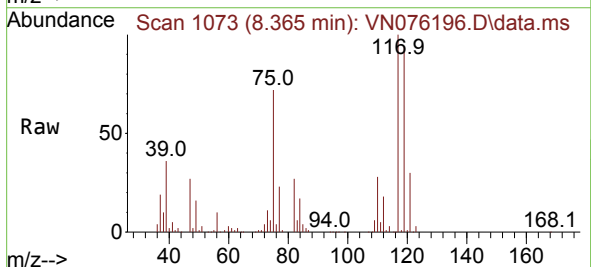
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

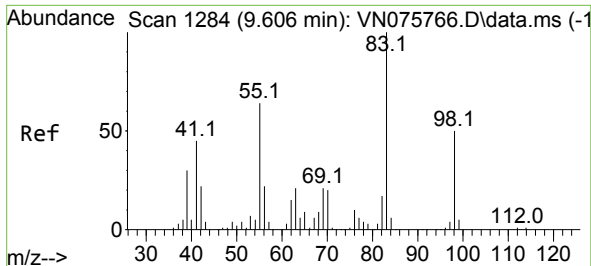
Tgt Ion: 43 Resp: 207803
Ion Ratio Lower Upper
43 100
61 15.4 13.0 19.4
70 12.2 9.4 14.0



#38
Carbon Tetrachloride
Concen: 50.958 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

Tgt Ion: 117 Resp: 303462
Ion Ratio Lower Upper
117 100
119 93.7 76.1 114.1
121 30.0 24.5 36.7





#39

Methylcyclohexane

Concen: 54.296 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076196.D

Acq: 11 Jan 2023 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

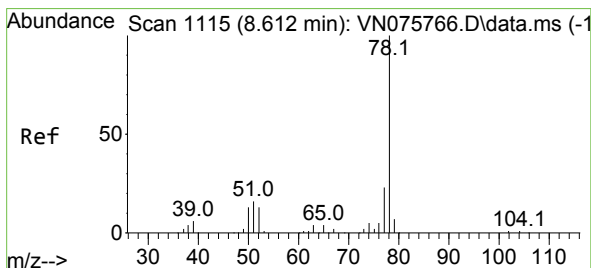
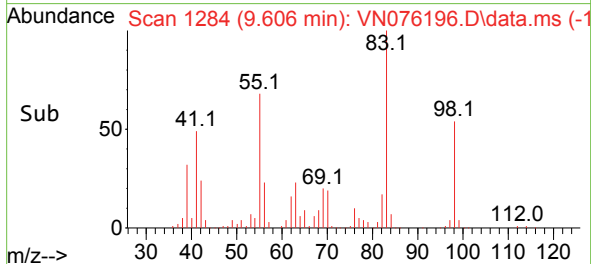
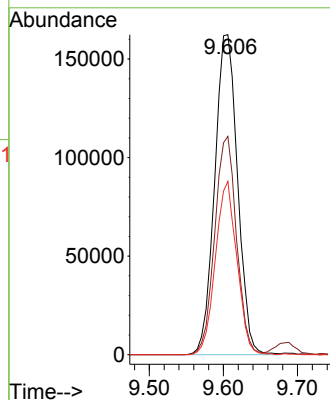
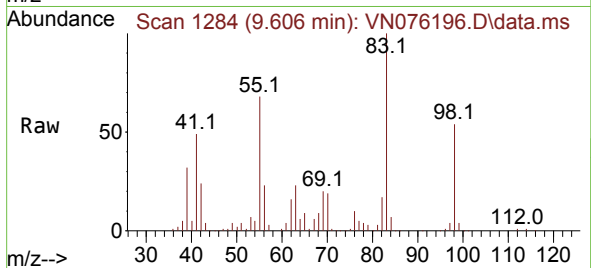
Tgt Ion: 83 Resp: 348529

Ion Ratio Lower Upper

83 100

55 68.2 51.4 77.0

98 54.1 39.8 59.8



#40

Benzene

Concen: 49.610 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076196.D

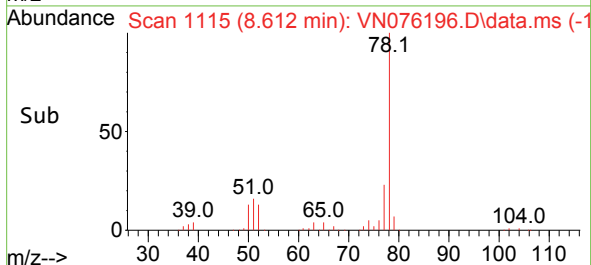
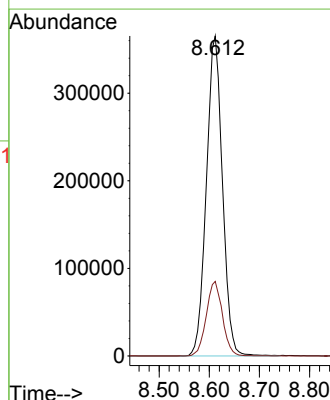
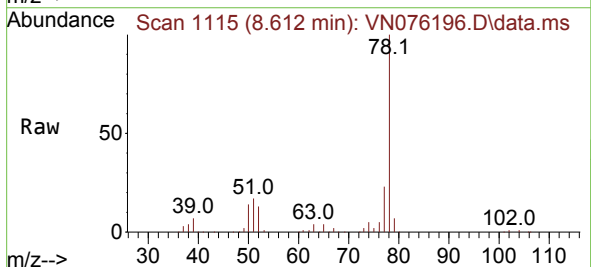
Acq: 11 Jan 2023 09:16

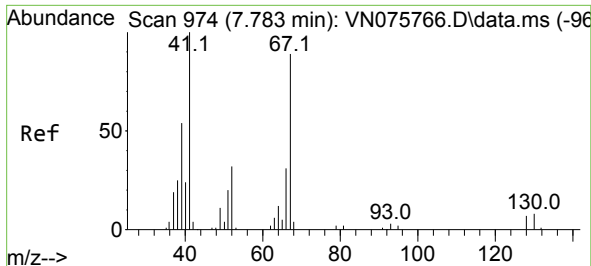
Tgt Ion: 78 Resp: 814412

Ion Ratio Lower Upper

78 100

77 23.2 18.5 27.7



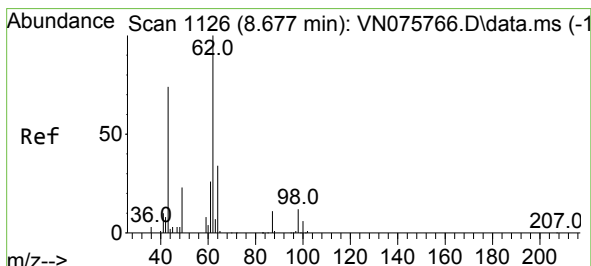
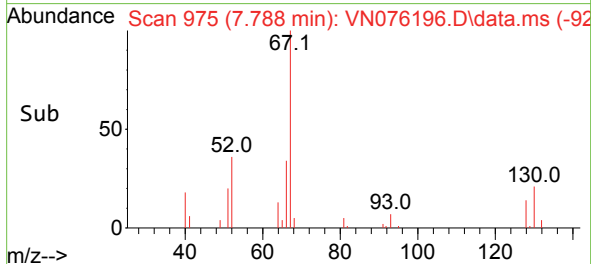
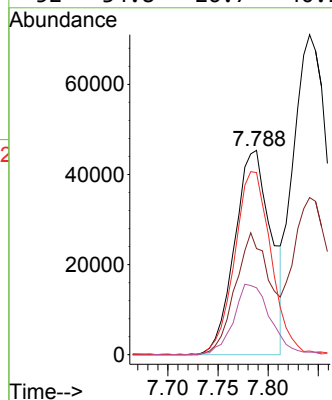
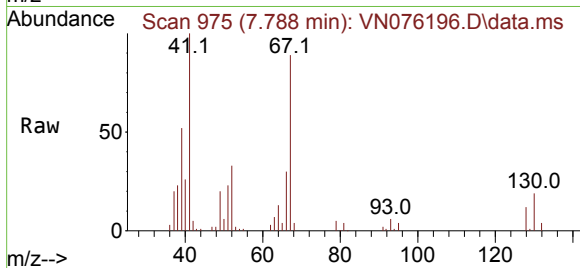


#41
Methacrylonitrile
Concen: 51.814 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 115106

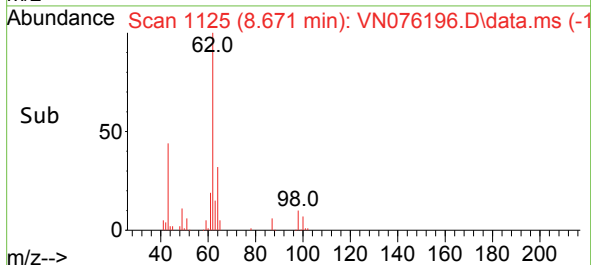
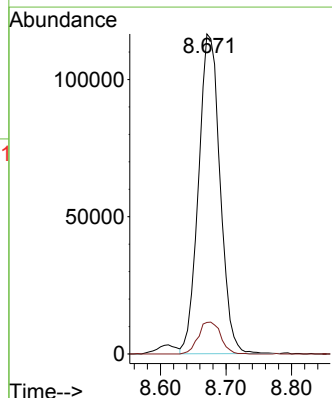
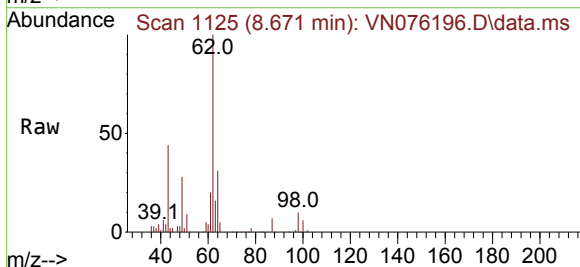
Ion	Ratio	Lower	Upper
41	100		
39	57.3	43.1	64.7
67	89.8	70.7	106.1
52	34.8	26.7	40.1

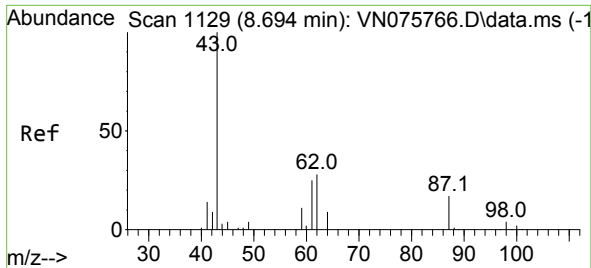


#42
1,2-Dichloroethane
Concen: 48.753 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

Tgt Ion: 62 Resp: 266081

Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.8

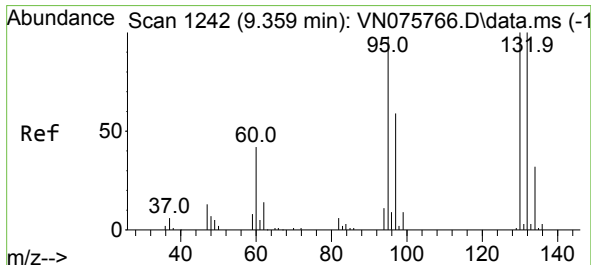
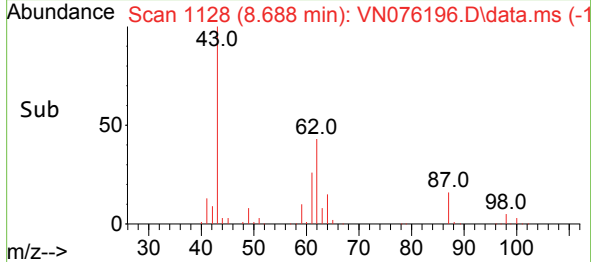
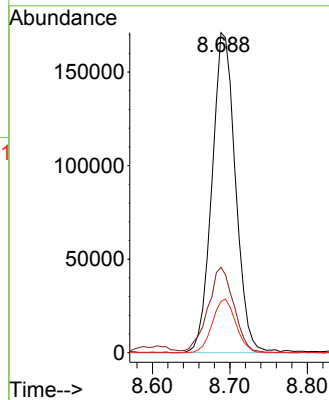
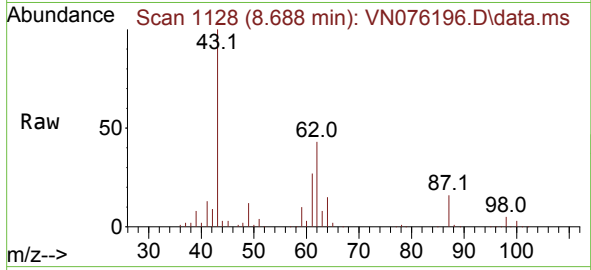




#43
Isopropyl Acetate
Concen: 51.093 ug/l
RT: 8.688 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

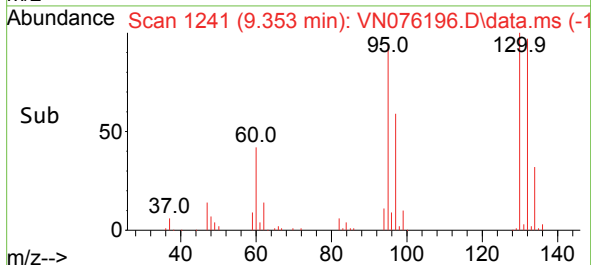
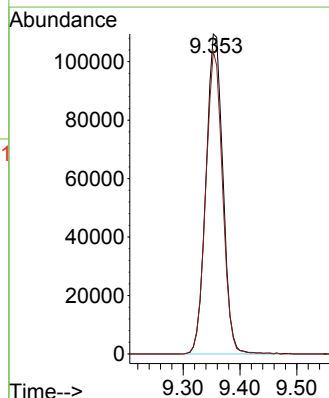
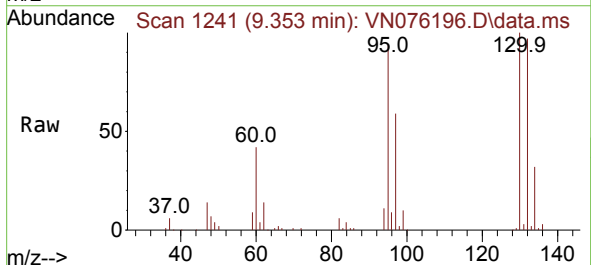
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

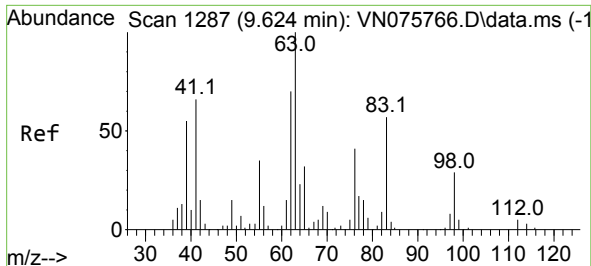
Tgt Ion: 43 Resp: 360208
Ion Ratio Lower Upper
43 100
61 29.7 24.2 36.4
87 16.7 13.3 19.9



#44
Trichloroethene
Concen: 48.960 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

Tgt Ion:130 Resp: 226431
Ion Ratio Lower Upper
130 100
95 94.5 0.0 195.4

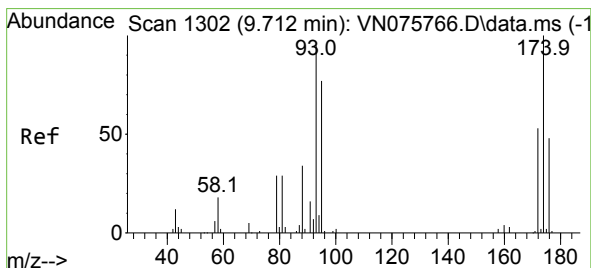
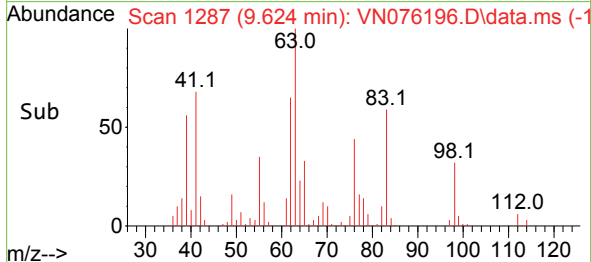
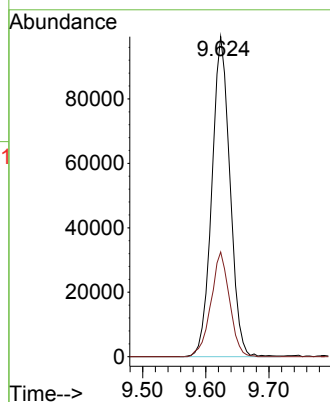
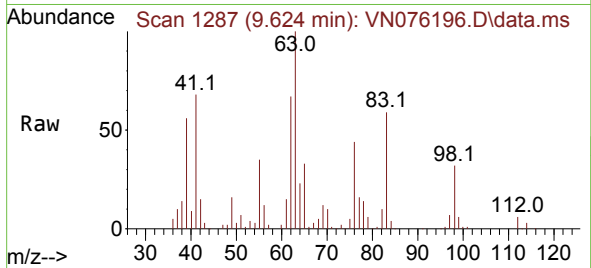




#45
1,2-Dichloropropane
Concen: 49.522 ug/l
RT: 9.624 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

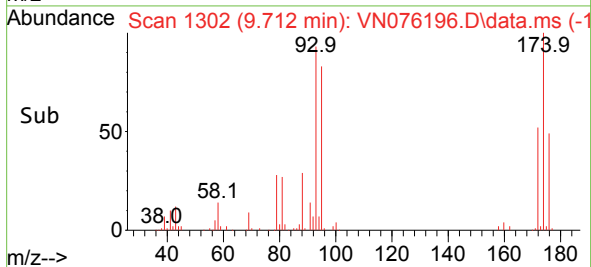
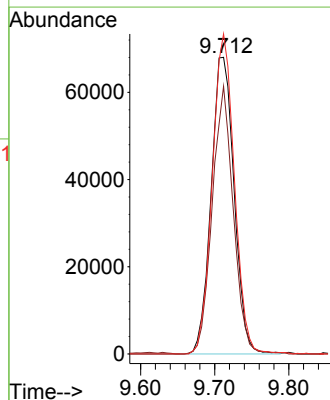
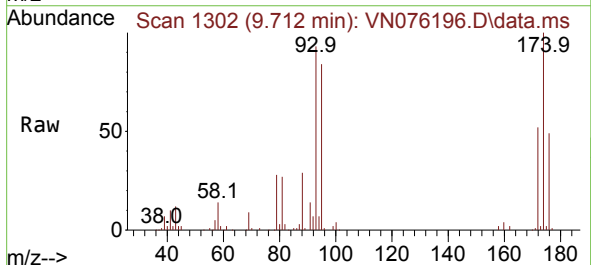
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

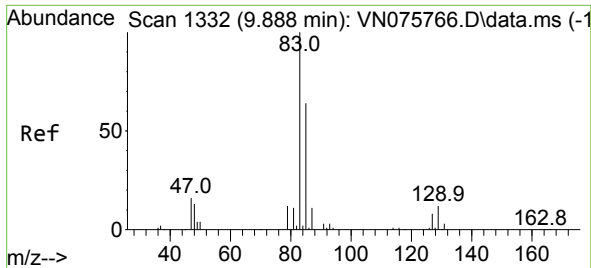
Tgt Ion: 63 Resp: 197834
Ion Ratio Lower Upper
63 100
65 32.7 25.7 38.5



#46
Dibromomethane
Concen: 49.497 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

Tgt Ion: 93 Resp: 146658
Ion Ratio Lower Upper
93 100
95 83.0 65.2 97.8
174 103.9 82.4 123.6

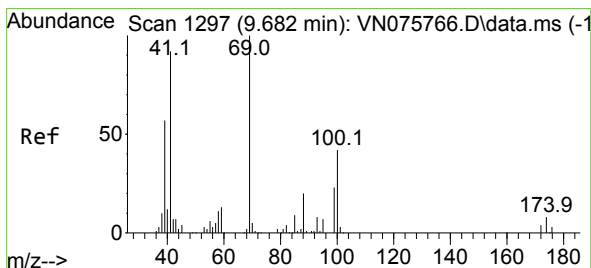
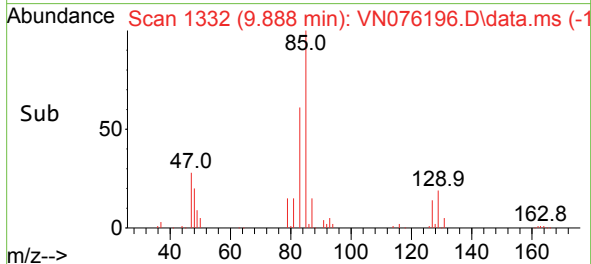
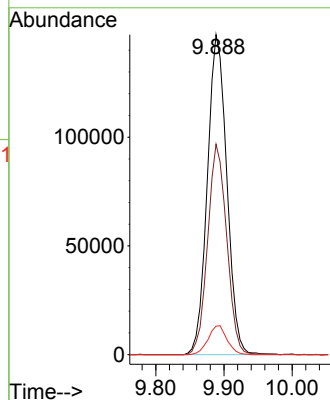
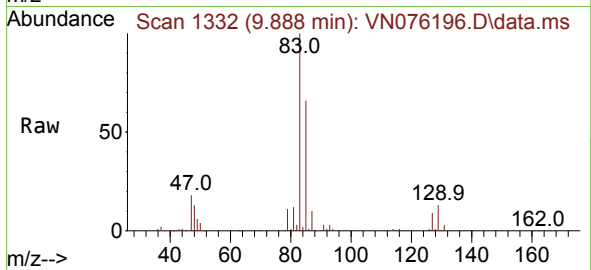




#47
Bromodichloromethane
Concen: 50.329 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

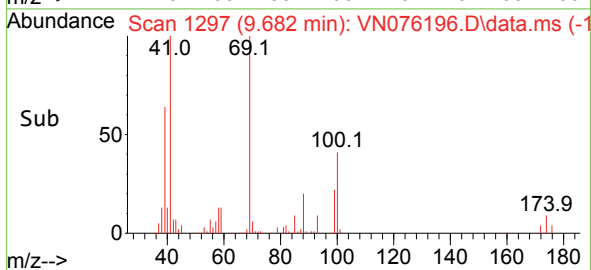
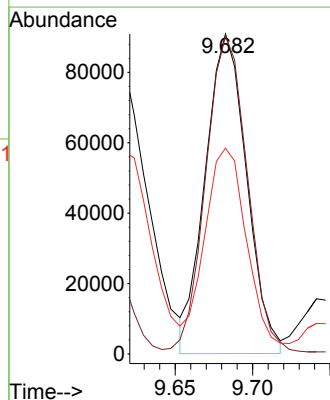
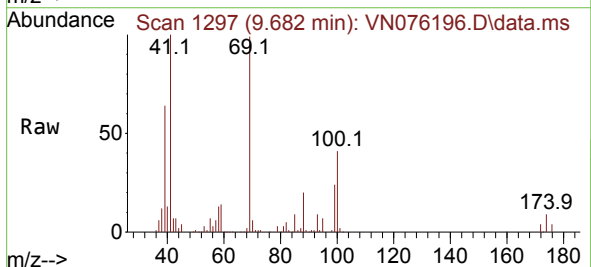
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

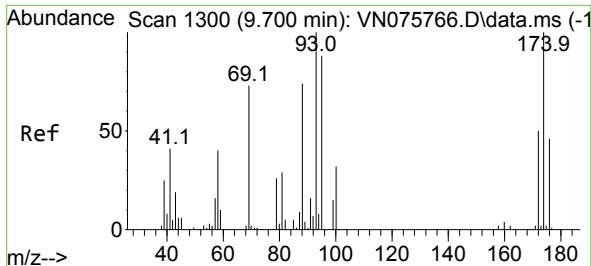
Tgt Ion: 83 Resp: 292438
Ion Ratio Lower Upper
83 100
85 65.7 51.5 77.3
127 8.9 6.6 10.0



#48
Methyl methacrylate
Concen: 52.991 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

Tgt Ion: 41 Resp: 168261
Ion Ratio Lower Upper
41 100
69 101.8 81.9 122.9
39 66.7 51.6 77.4





#49

1,4-Dioxane

Concen: 931.577 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN076196.D

Acq: 11 Jan 2023 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

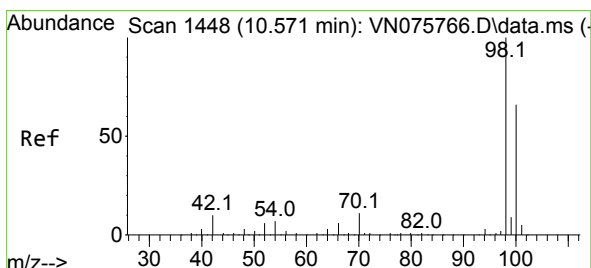
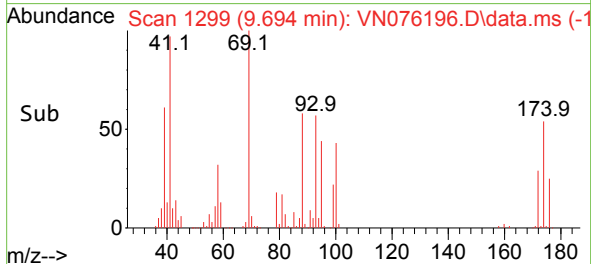
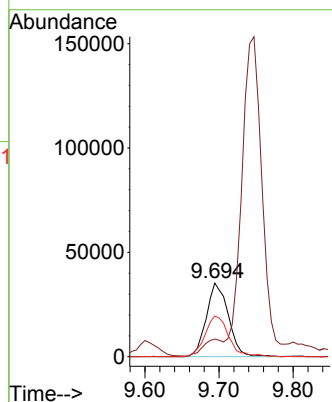
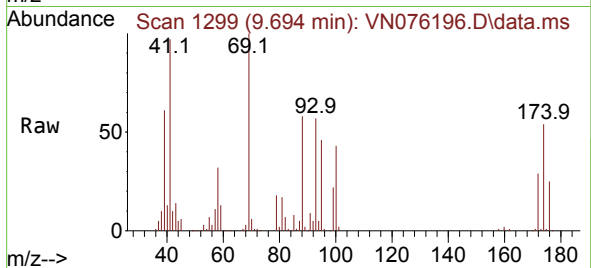
Tgt Ion: 88 Resp: 72721

Ion Ratio Lower Upper

88 100

43 21.0 17.1 25.7

58 59.6 47.8 71.8



#50

Toluene-d8

Concen: 45.262 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076196.D

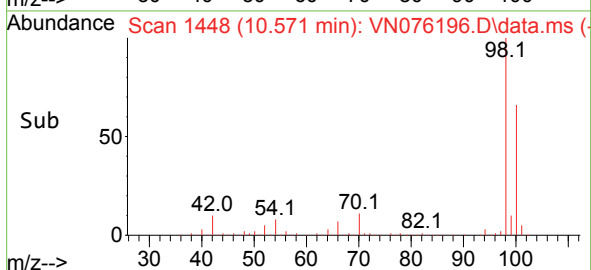
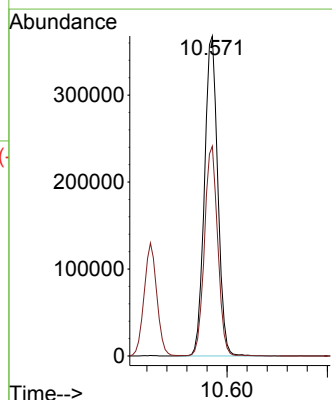
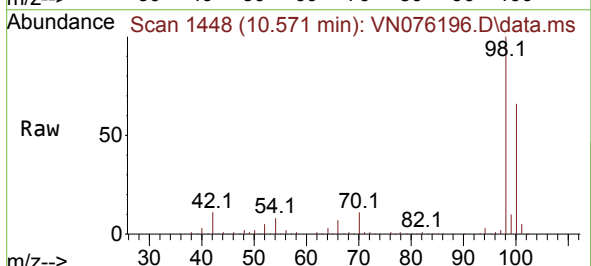
Acq: 11 Jan 2023 09:16

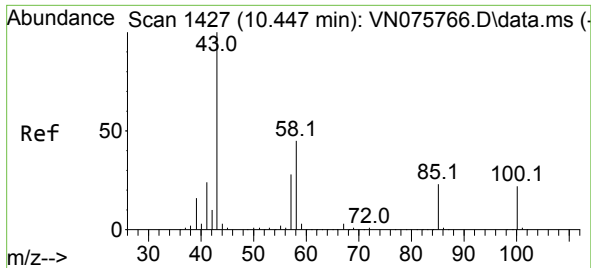
Tgt Ion: 98 Resp: 677826

Ion Ratio Lower Upper

98 100

100 65.5 52.1 78.1

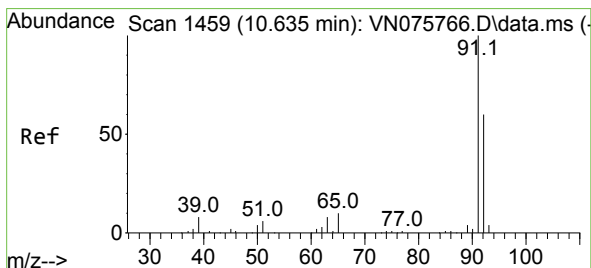
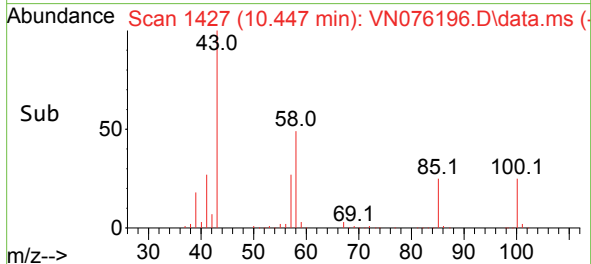
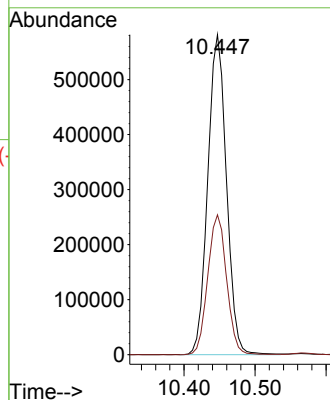
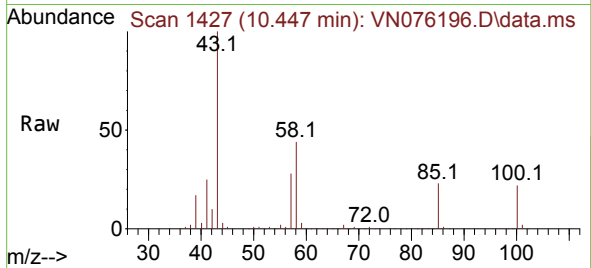




#51
4-Methyl-2-Pentanone
Concen: 249.283 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

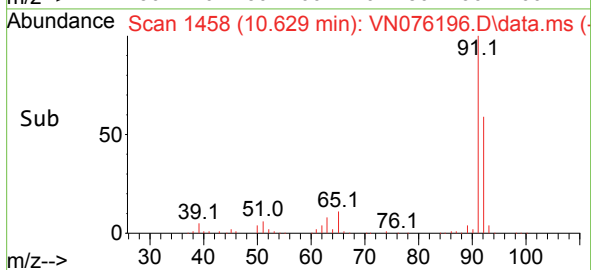
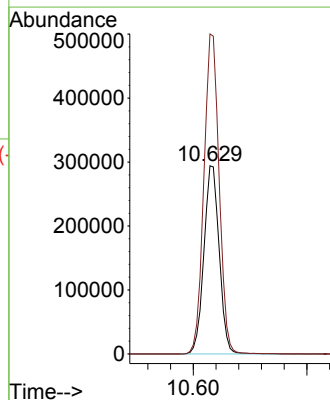
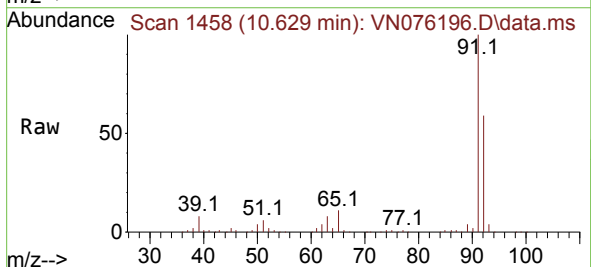
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

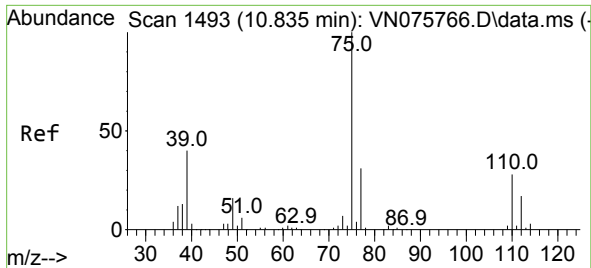
Tgt Ion: 43 Resp: 1062836
Ion Ratio Lower Upper
43 100
58 44.1 35.5 53.3



#52
Toluene
Concen: 51.211 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

Tgt Ion: 92 Resp: 547520
Ion Ratio Lower Upper
92 100
91 169.9 137.3 205.9

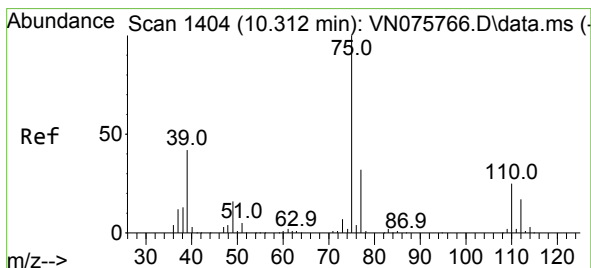
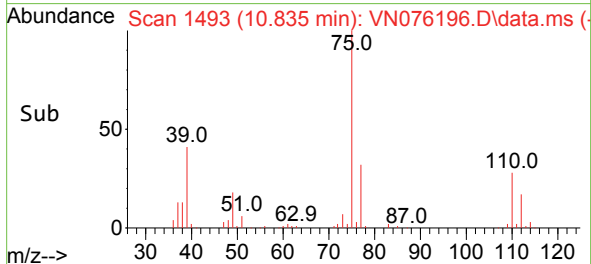
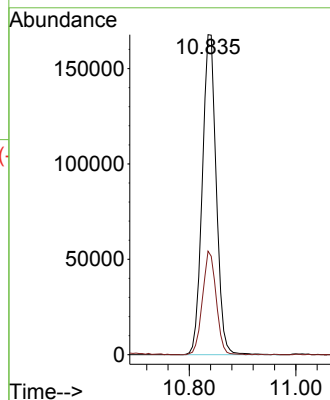
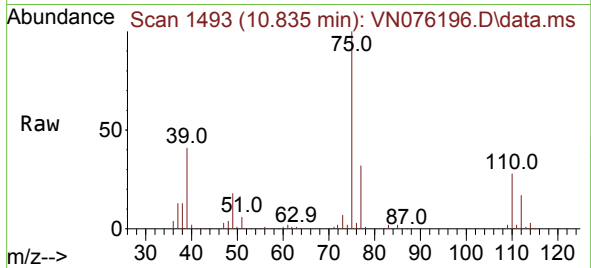




#53
 t-1,3-Dichloropropene
 Concen: 53.546 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. -0.000 min
 Lab File: VN076196.D
 Acq: 11 Jan 2023 09:16

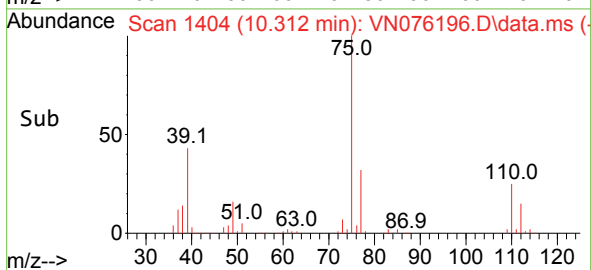
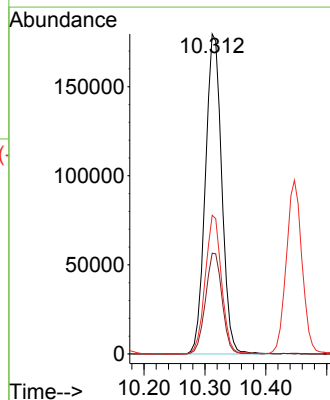
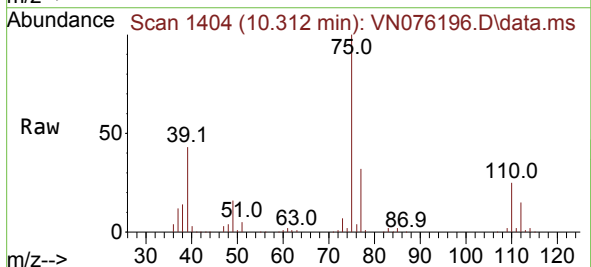
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

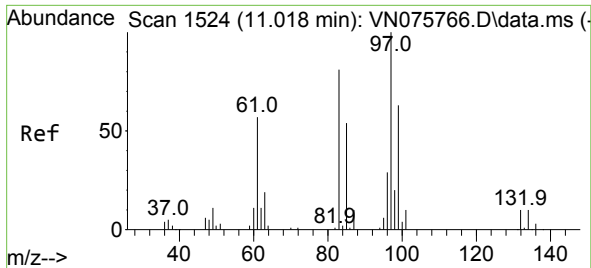
Tgt Ion: 75 Resp: 304561
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 53.894 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. 0.000 min
 Lab File: VN076196.D
 Acq: 11 Jan 2023 09:16

Tgt Ion: 75 Resp: 336566
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.8 38.8
 39 43.3 33.4 50.2

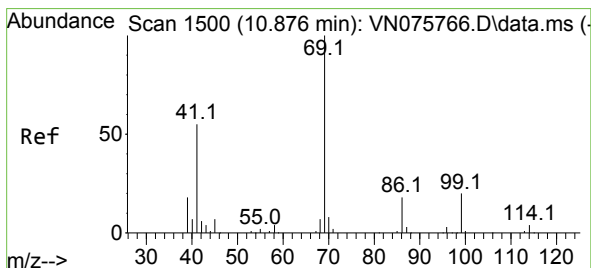
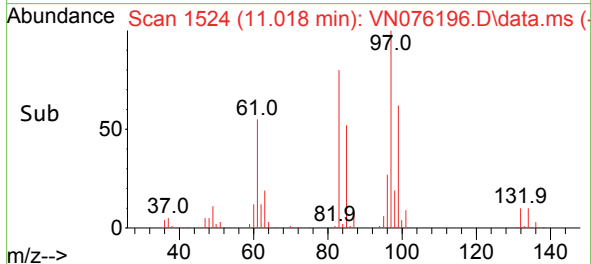
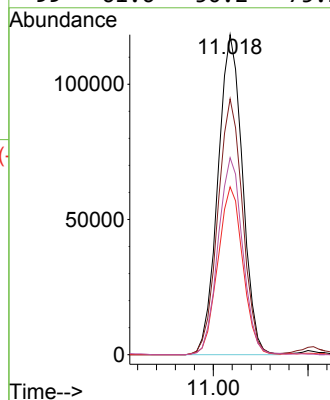
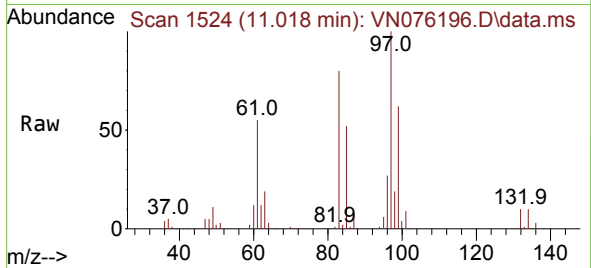




#55
1,1,2-Trichloroethane
Concen: 50.965 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

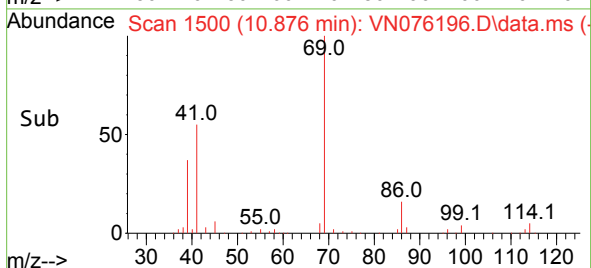
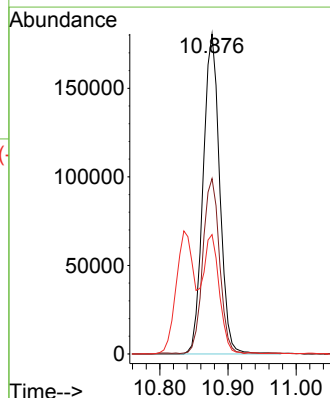
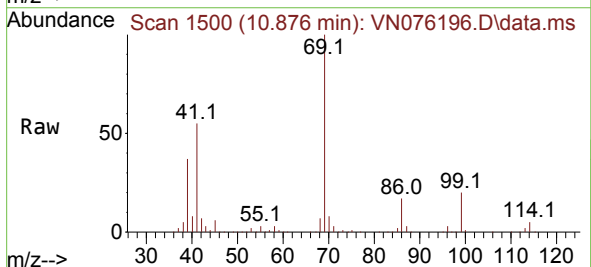
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

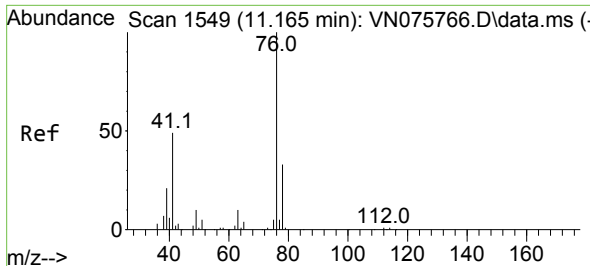
Tgt Ion:	97	Resp:	213875
Ion	Ratio	Lower	Upper
97	100		
83	79.9	65.0	97.4
85	52.4	43.0	64.6
99	61.6	50.2	75.2



#56
Ethyl methacrylate
Concen: 54.736 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

Tgt Ion:	69	Resp:	305103
Ion	Ratio	Lower	Upper
69	100		
41	55.0	44.2	66.4
39	33.5	26.4	39.6

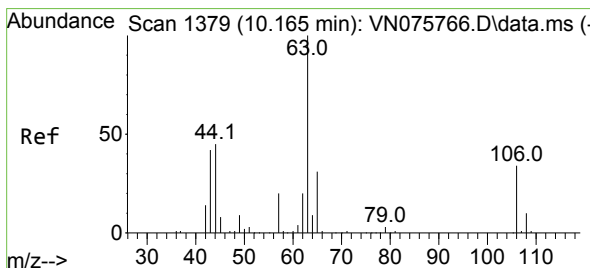
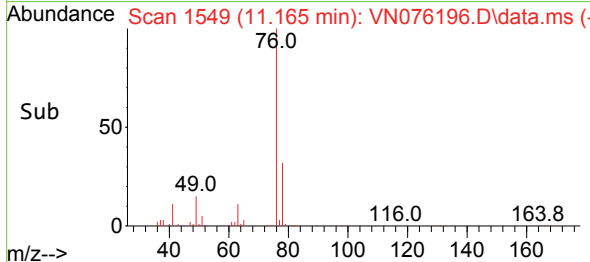
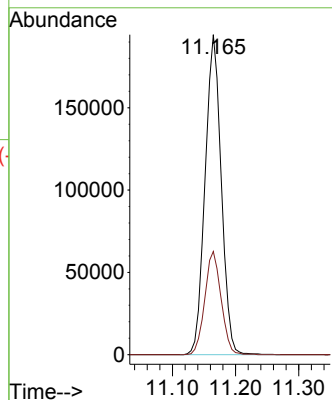
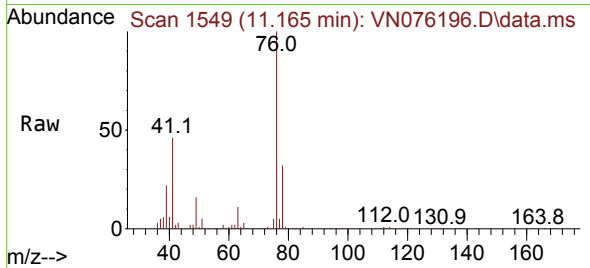




#57
1,3-Dichloropropane
Concen: 50.181 ug/l
RT: 11.165 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

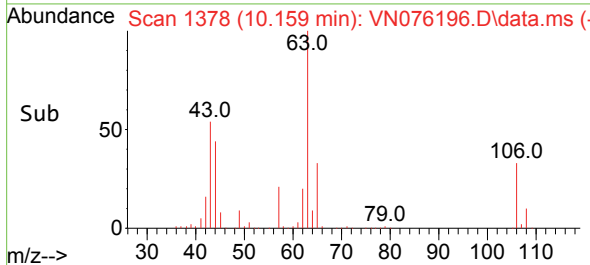
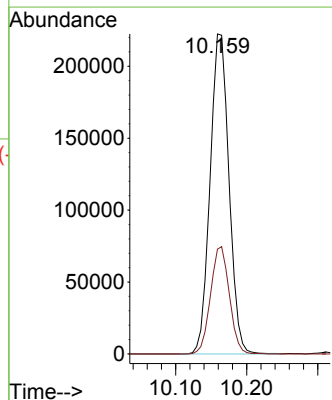
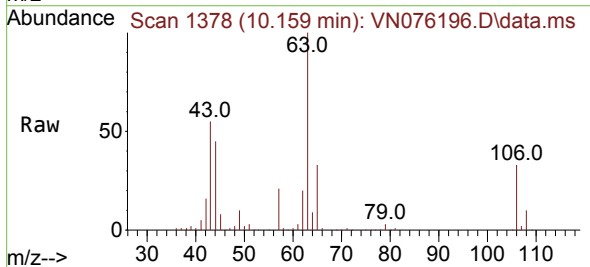
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

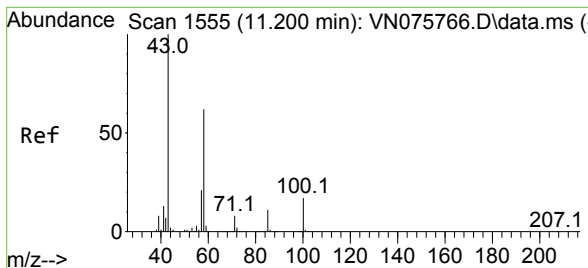
Tgt Ion: 76 Resp: 345420
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 231.648 ug/l
RT: 10.159 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

Tgt Ion: 63 Resp: 411101
Ion Ratio Lower Upper
63 100
106 33.3 26.4 39.6

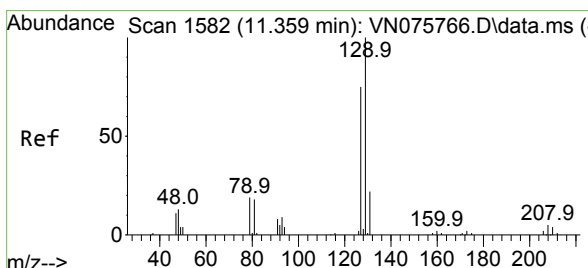
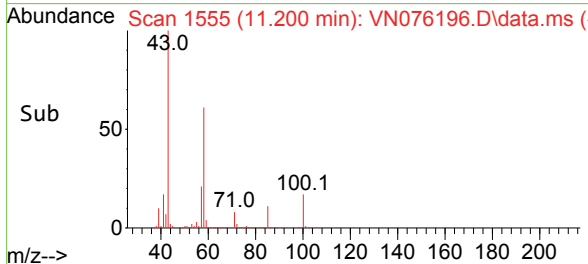
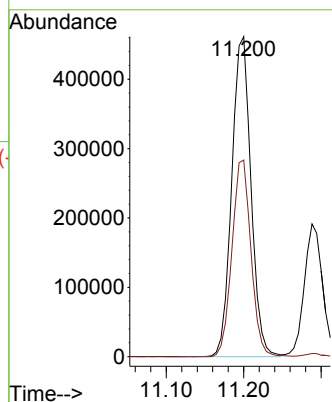
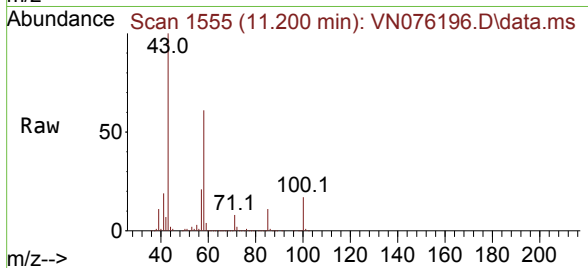




#59
2-Hexanone
Concen: 255.396 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

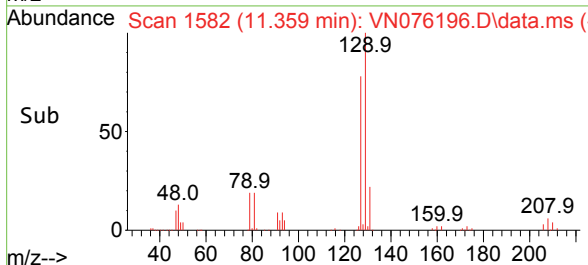
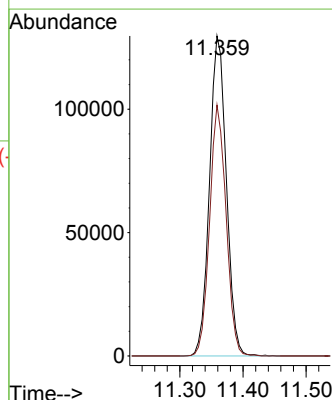
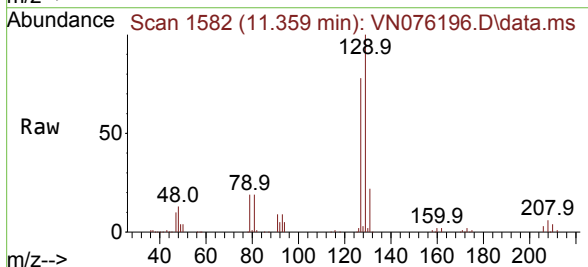
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

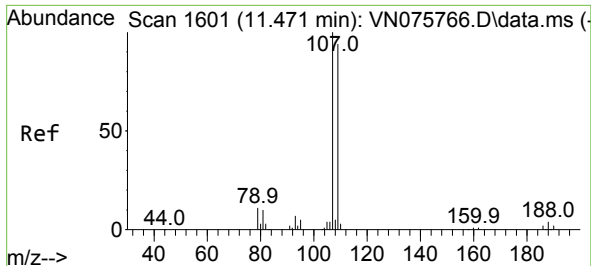
Tgt Ion: 43 Resp: 794098
Ion Ratio Lower Upper
43 100
58 60.9 30.6 92.0



#60
Dibromochloromethane
Concen: 51.565 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

Tgt Ion: 129 Resp: 240647
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.9

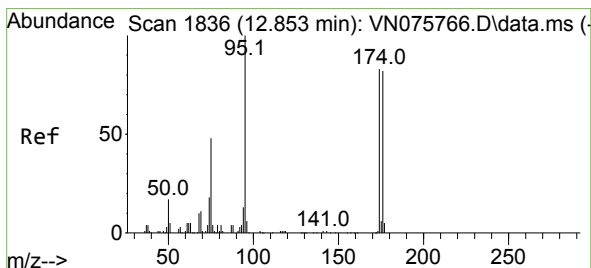
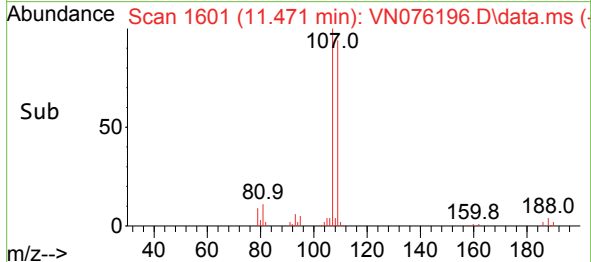
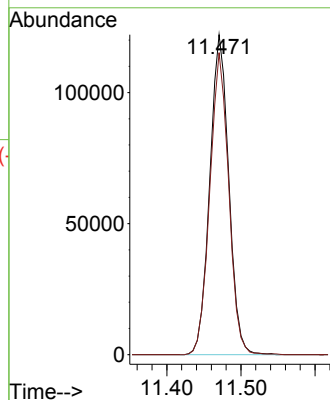
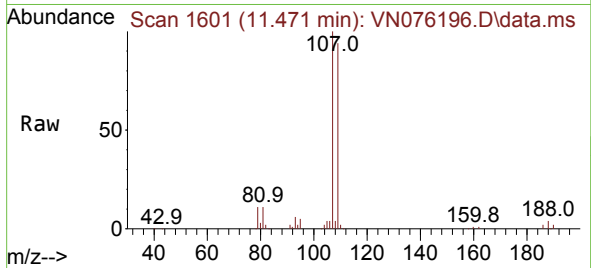




#61
1,2-Dibromoethane
Concen: 51.214 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

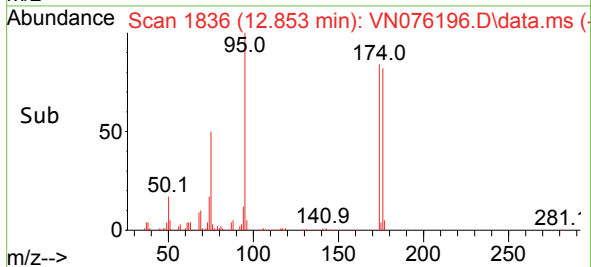
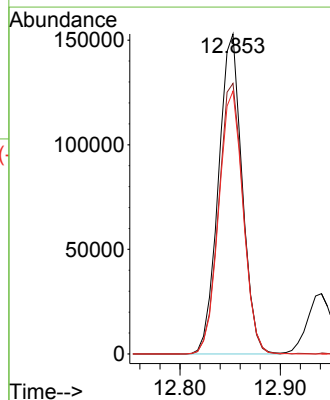
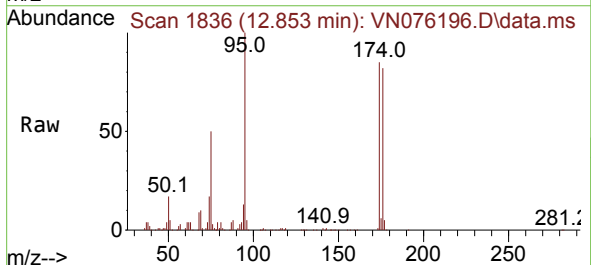
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

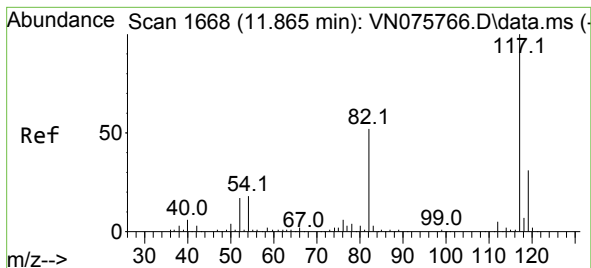
Tgt Ion:107 Resp: 217490
Ion Ratio Lower Upper
107 100
109 93.7 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 50.702 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

Tgt Ion: 95 Resp: 251489
Ion Ratio Lower Upper
95 100
174 87.1 0.0 171.6
176 84.3 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076196.D

Acq: 11 Jan 2023 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

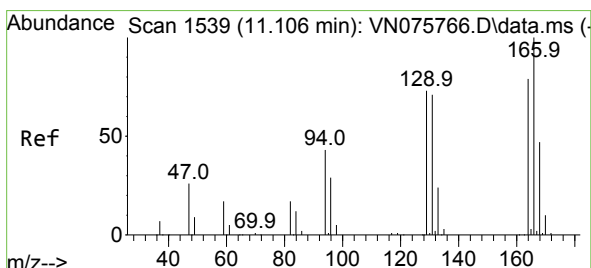
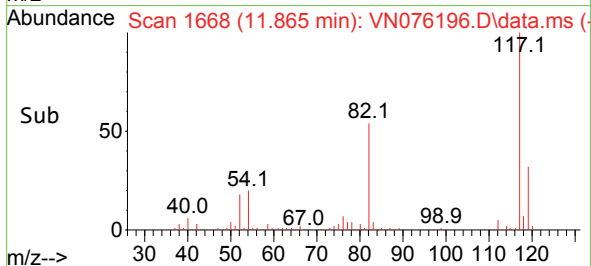
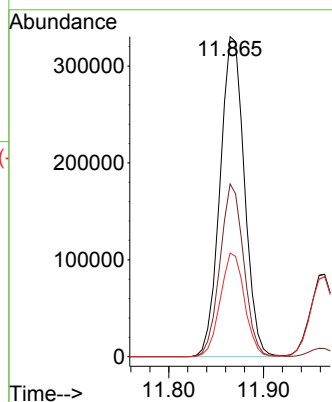
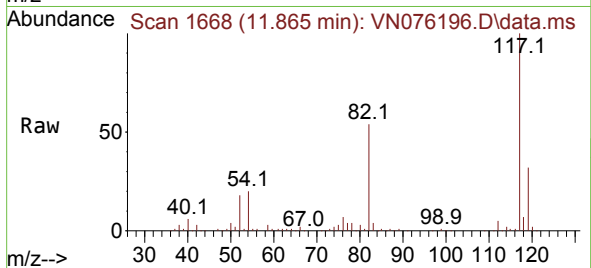
Tgt Ion:117 Resp: 589916

Ion Ratio Lower Upper

117 100

82 54.0 41.3 61.9

119 32.4 24.6 37.0



#64

Tetrachloroethene

Concen: 52.917 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN076196.D

Acq: 11 Jan 2023 09:16

Tgt Ion:164 Resp: 219663

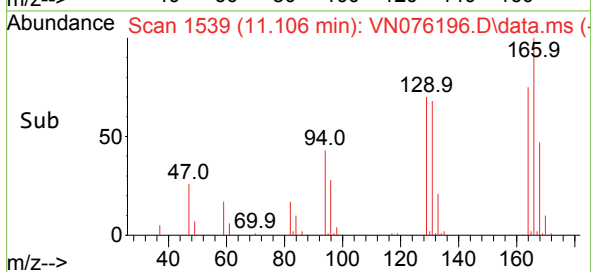
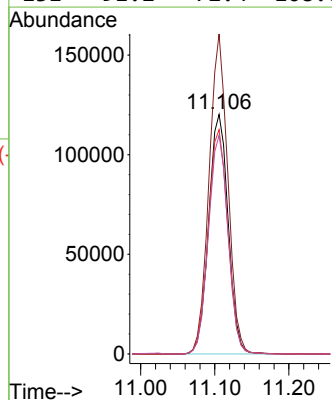
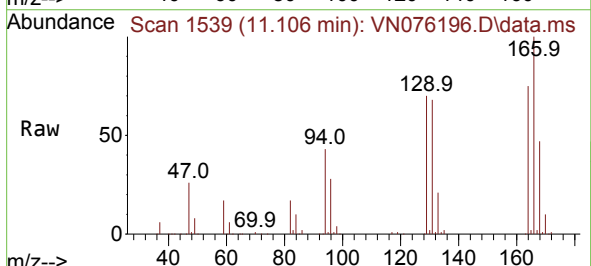
Ion Ratio Lower Upper

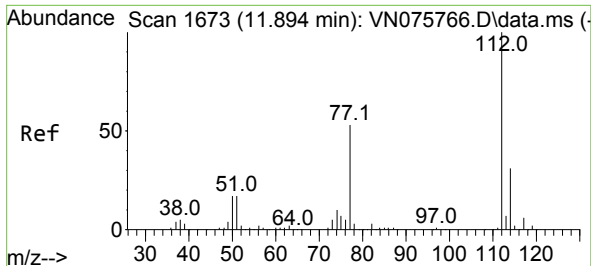
164 100

166 133.6 101.9 152.9

129 93.7 74.2 111.2

131 91.2 72.4 108.6

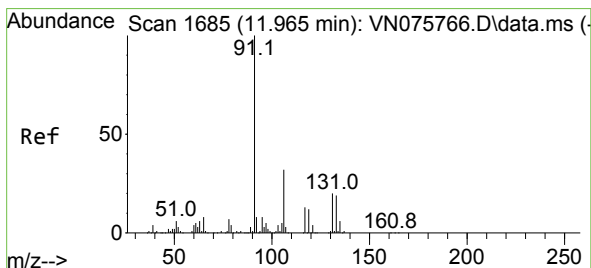
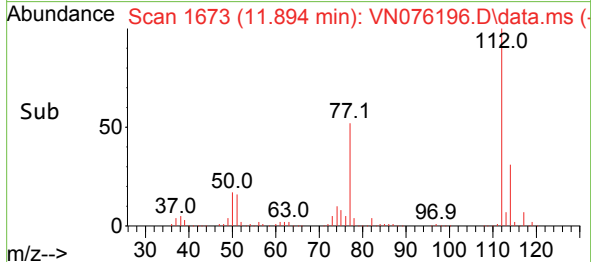
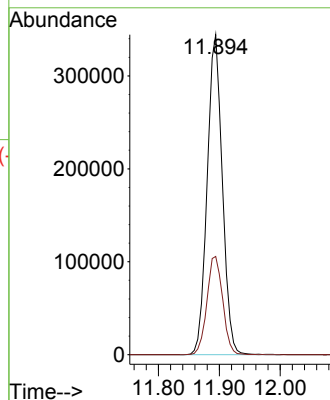
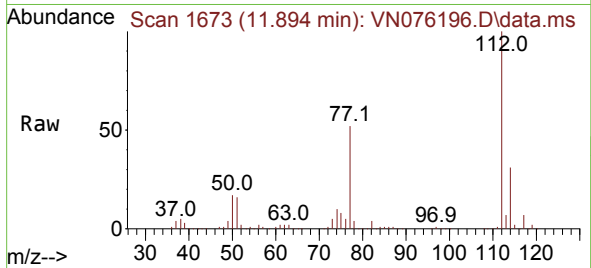




#65
Chlorobenzene
Concen: 49.149 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

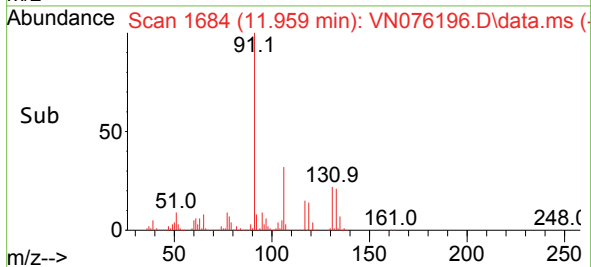
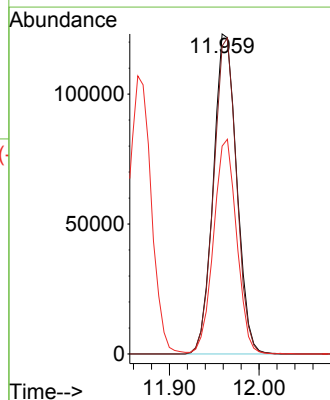
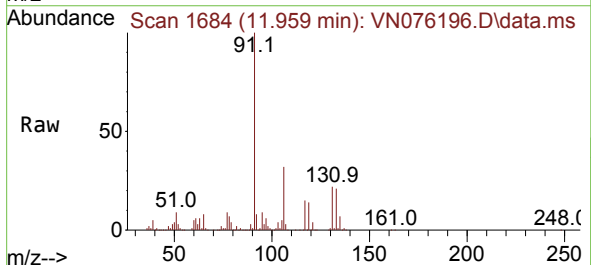
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

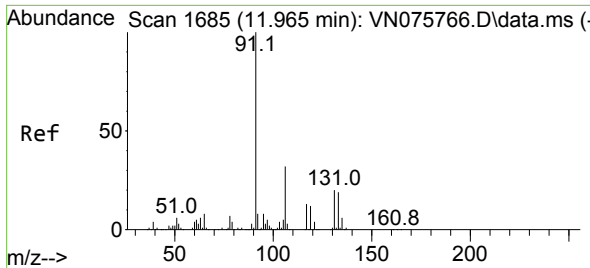
Tgt Ion:112 Resp: 595094
Ion Ratio Lower Upper
112 100
114 30.7 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 49.773 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

Tgt Ion:131 Resp: 223219
Ion Ratio Lower Upper
131 100
133 96.8 47.5 142.5
119 66.2 31.9 95.7

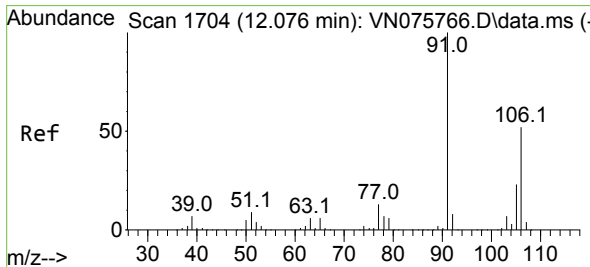
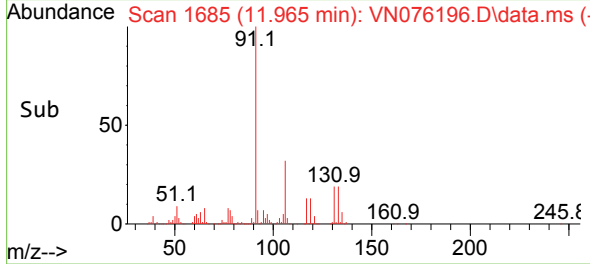
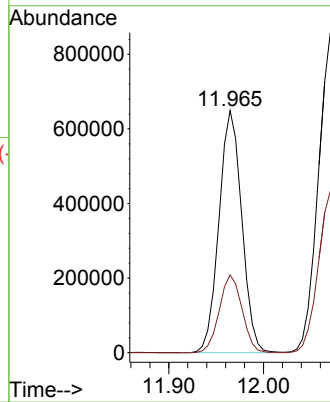
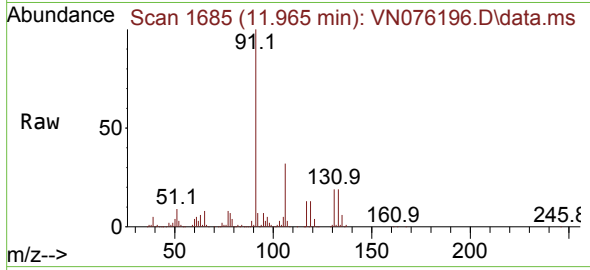




#67
Ethyl Benzene
Concen: 53.161 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

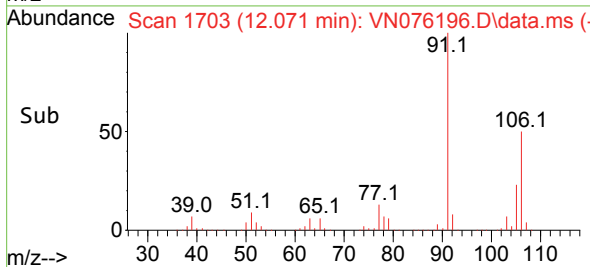
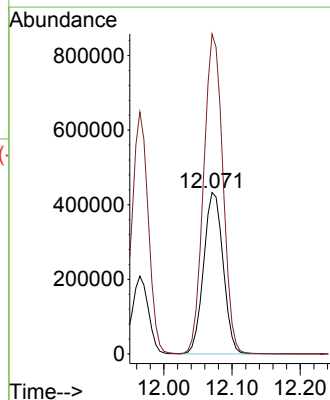
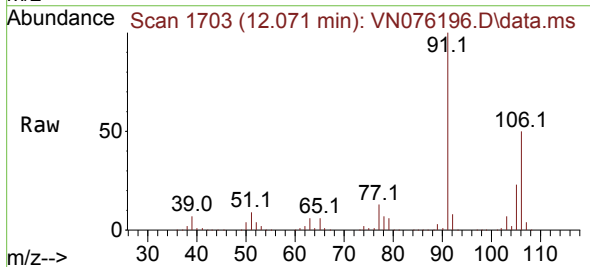
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

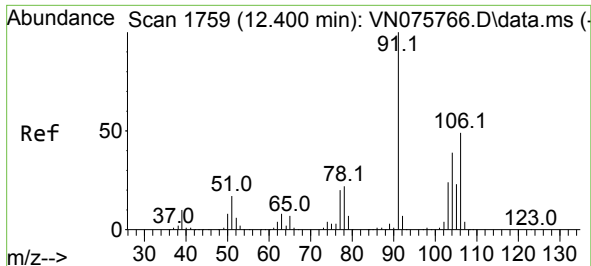
Tgt Ion: 91 Resp: 1086344
Ion Ratio Lower Upper
91 100
106 32.1 25.7 38.5



#68
m/p-Xylenes
Concen: 106.479 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

Tgt Ion:106 Resp: 861220
Ion Ratio Lower Upper
106 100
91 195.7 156.6 235.0

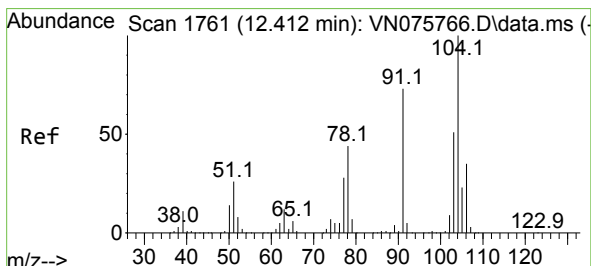
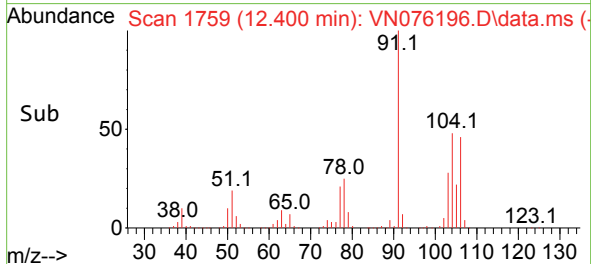
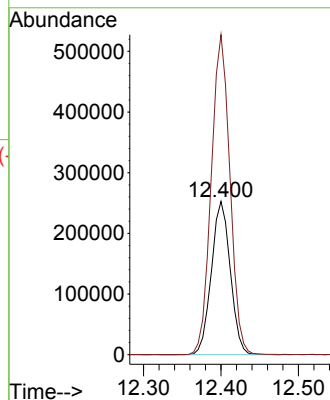
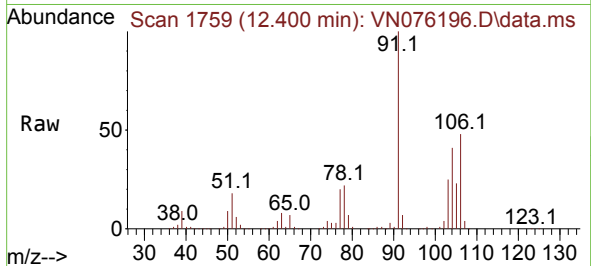




#69
o-Xylene
Concen: 53.477 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

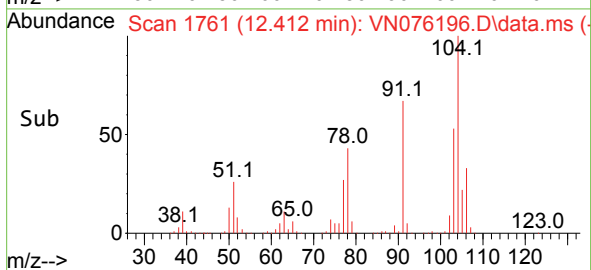
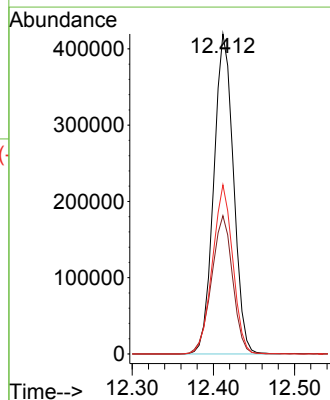
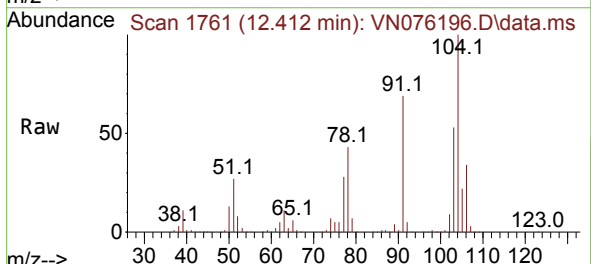
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

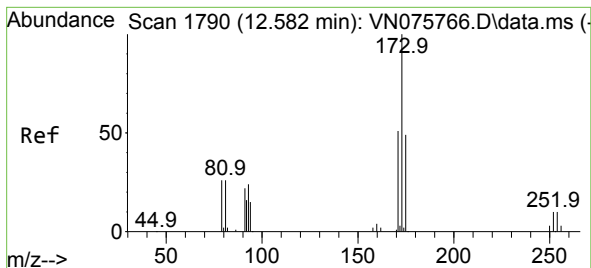
Tgt Ion:106 Resp: 428037
Ion Ratio Lower Upper
106 100
91 206.8 103.8 311.6



#70
Styrene
Concen: 55.659 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

Tgt Ion:104 Resp: 708354
Ion Ratio Lower Upper
104 100
78 46.2 37.5 56.3
103 54.6 43.5 65.3





#71

Bromoform

Concen: 54.026 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN076196.D

Acq: 11 Jan 2023 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

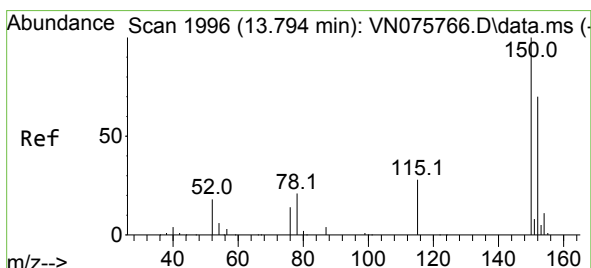
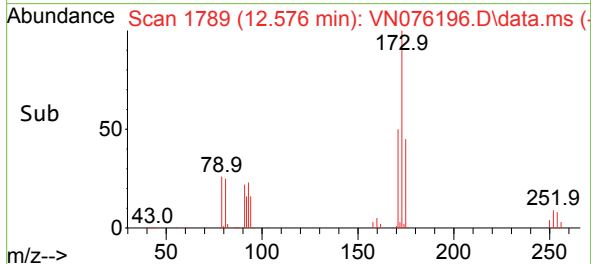
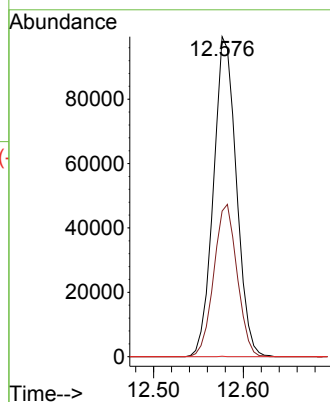
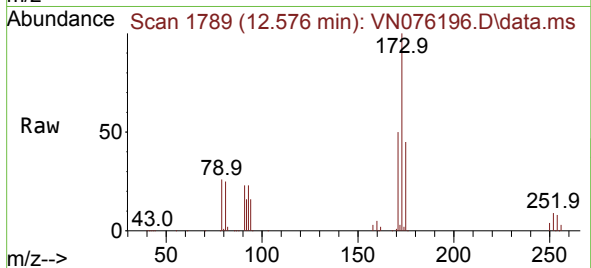
Tgt Ion:173 Resp: 176304

Ion Ratio Lower Upper

173 100

175 48.3 24.3 72.8

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076196.D

Acq: 11 Jan 2023 09:16

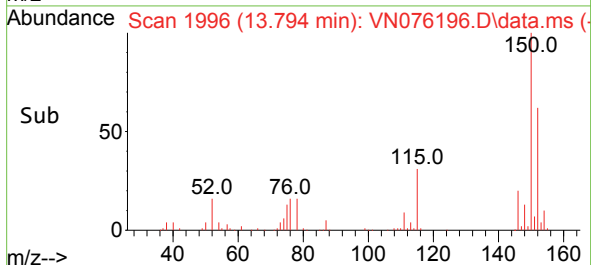
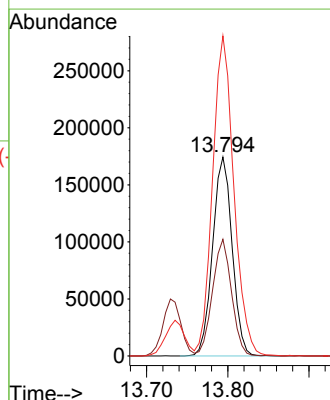
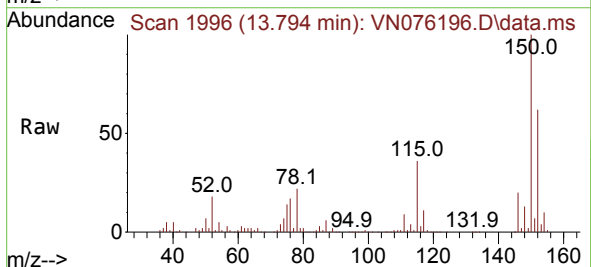
Tgt Ion:152 Resp: 291428

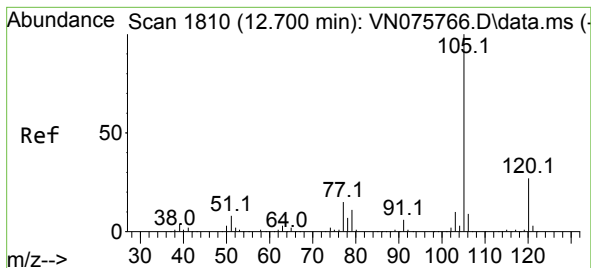
Ion Ratio Lower Upper

152 100

115 57.3 29.1 87.4

150 175.3 0.0 347.0





#73

Isopropylbenzene

Concen: 53.544 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VN076196.D

Acq: 11 Jan 2023 09:16

Instrument :

MSVOA_N

ClientSampleId :

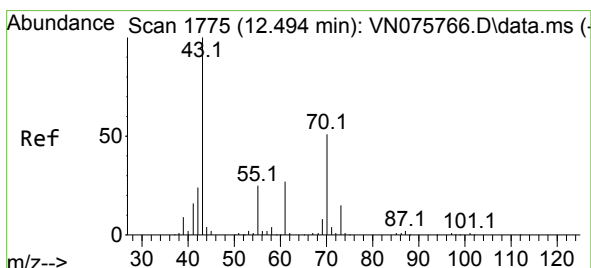
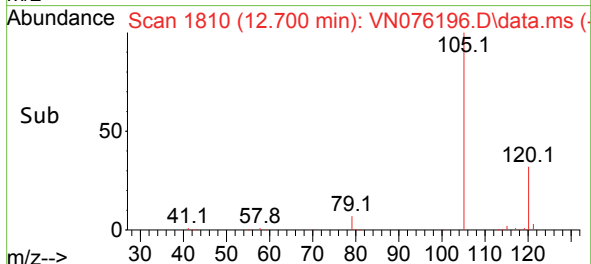
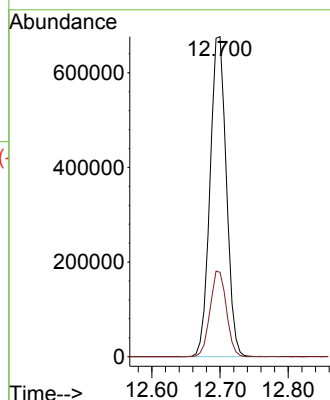
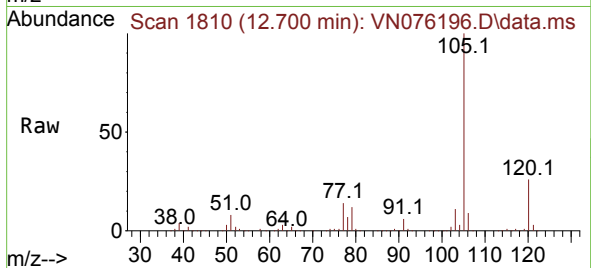
VSTDCCC050

Tgt Ion:105 Resp: 1127624

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 52.870 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN076196.D

Acq: 11 Jan 2023 09:16

Tgt Ion: 43 Resp: 326644

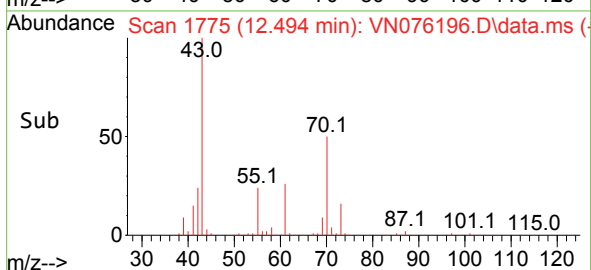
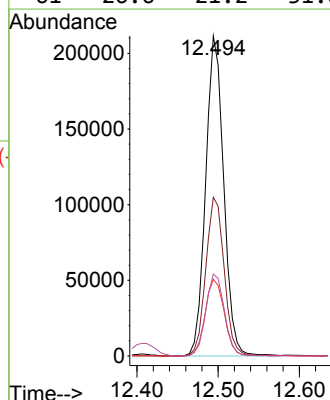
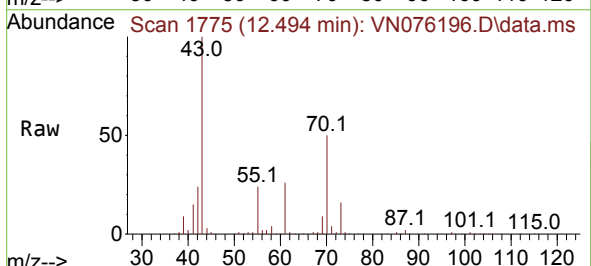
Ion Ratio Lower Upper

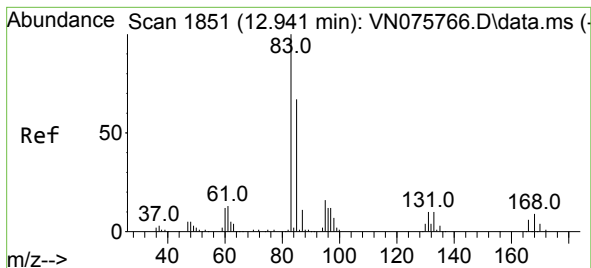
43 100

70 50.6 41.4 62.0

55 25.2 21.3 31.9

61 26.6 21.2 31.8





#75

1,1,2-Tetrachloroethane

Concen: 45.087 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VN076196.D

Acq: 11 Jan 2023 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

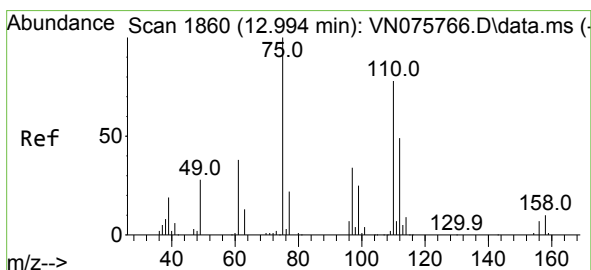
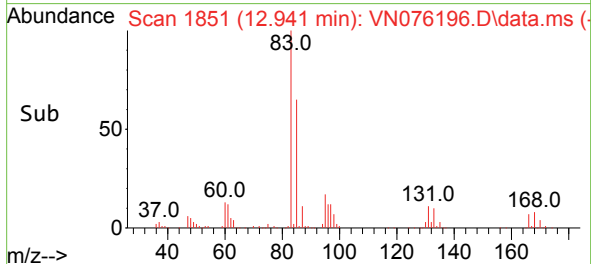
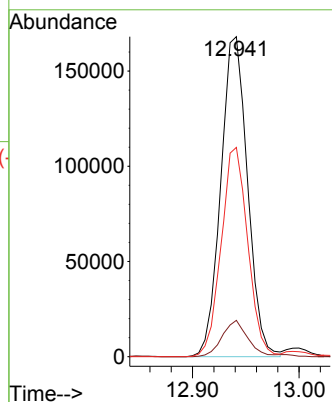
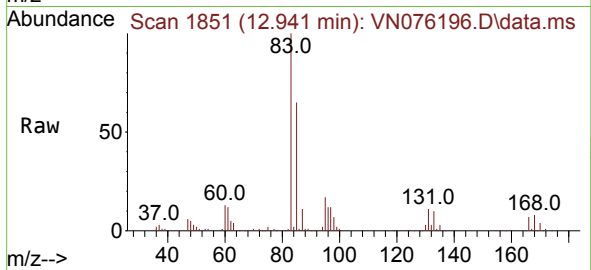
Tgt Ion: 83 Resp: 293537

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

85 64.9 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 62.120 ug/l

RT: 12.994 min Scan# 1860

Delta R.T. -0.000 min

Lab File: VN076196.D

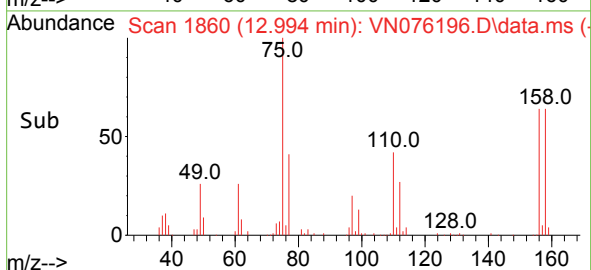
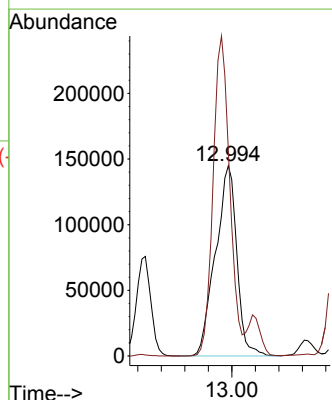
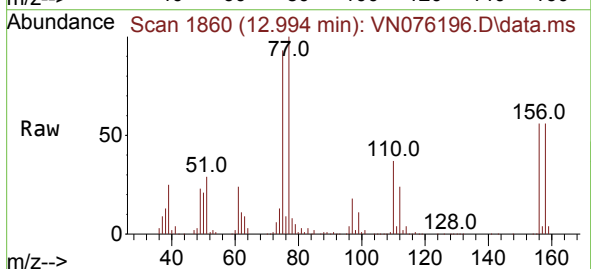
Acq: 11 Jan 2023 09:16

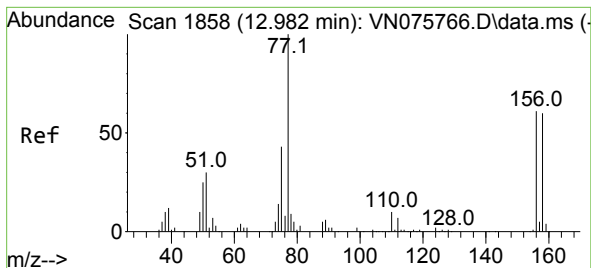
Tgt Ion: 75 Resp: 364924

Ion Ratio Lower Upper

75 100

77 131.2 82.6 247.8





#77

Bromobenzene

Concen: 50.071 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VN076196.D

Acq: 11 Jan 2023 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

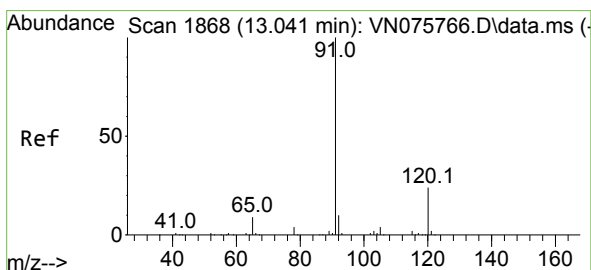
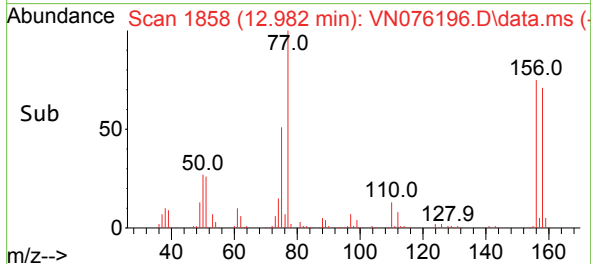
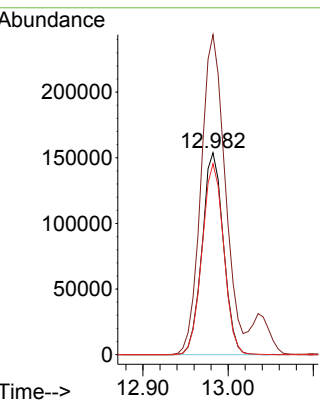
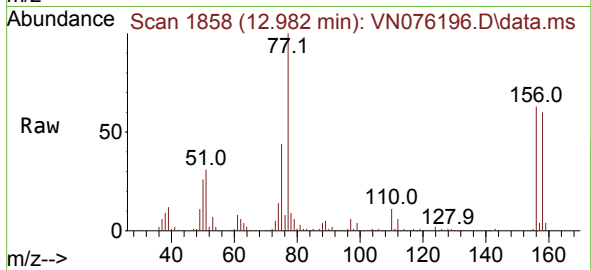
Tgt Ion:156 Resp: 266864

Ion Ratio Lower Upper

156 100

77 179.3 93.8 281.3

158 96.0 48.9 146.6



#78

n-propylbenzene

Concen: 55.856 ug/l

RT: 13.035 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN076196.D

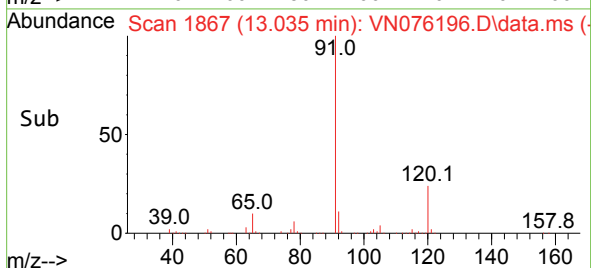
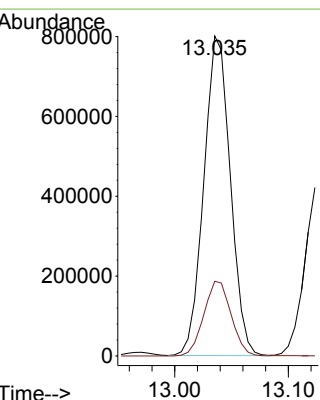
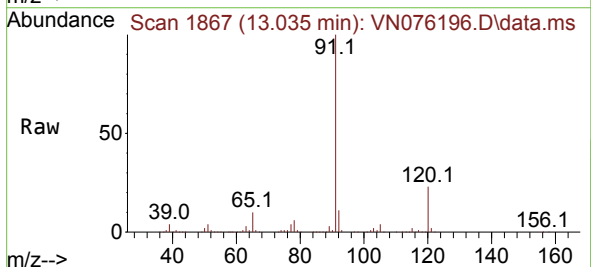
Acq: 11 Jan 2023 09:16

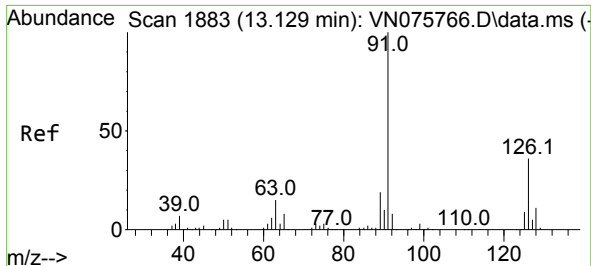
Tgt Ion: 91 Resp: 1297426

Ion Ratio Lower Upper

91 100

120 24.1 12.0 36.1

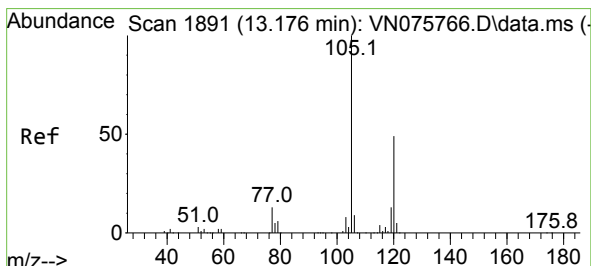
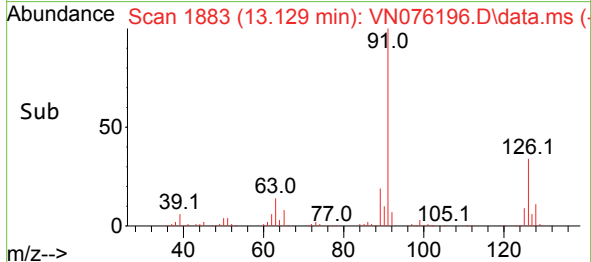
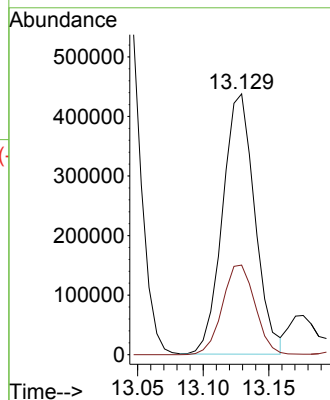
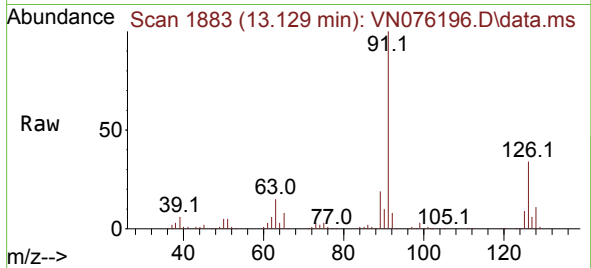




#79
2-Chlorotoluene
Concen: 51.741 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

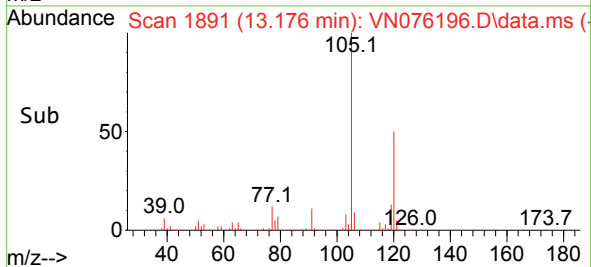
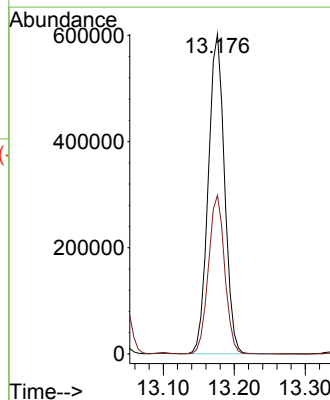
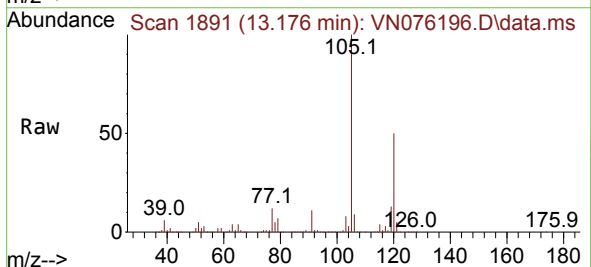
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

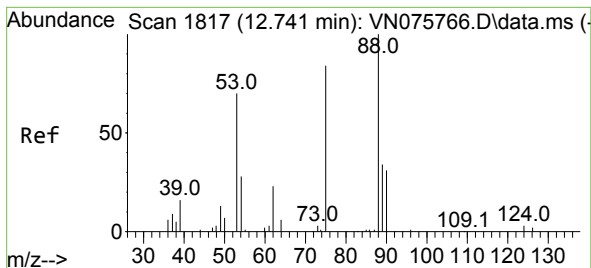
Tgt Ion: 91 Resp: 750228
Ion Ratio Lower Upper
91 100
126 34.8 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 54.303 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

Tgt Ion:105 Resp: 957149
Ion Ratio Lower Upper
105 100
120 49.5 24.7 74.1

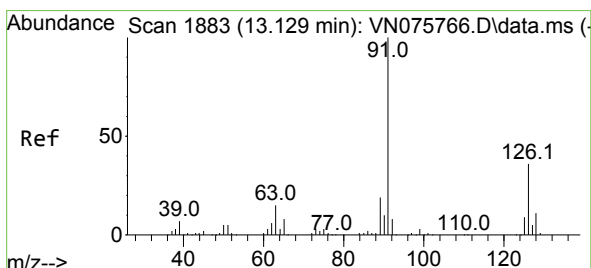
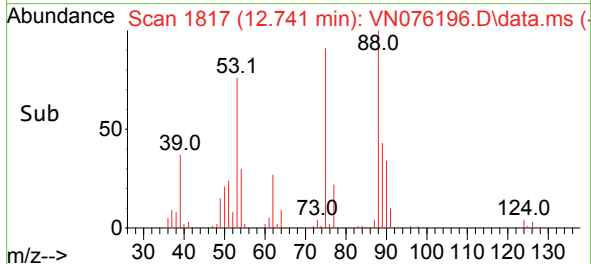
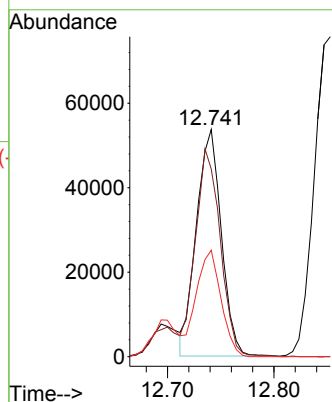
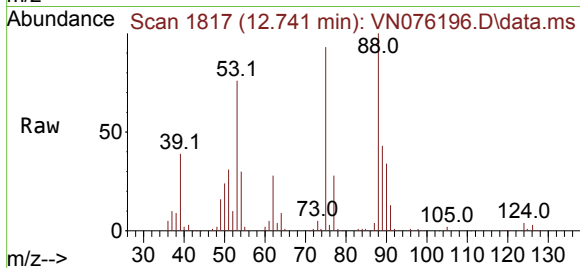




#81
trans-1,4-Dichloro-2-butene
Concen: 53.502 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

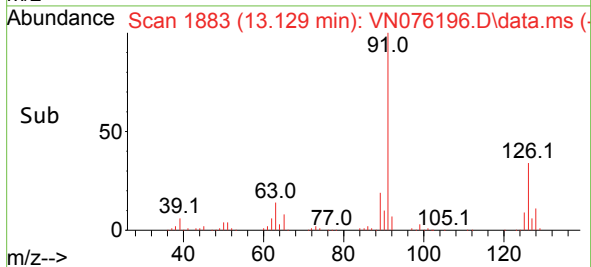
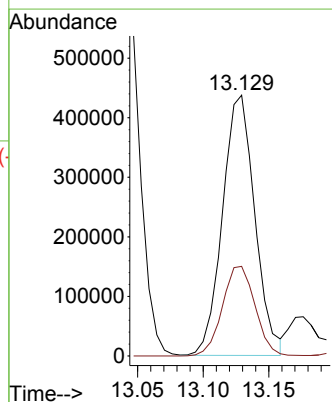
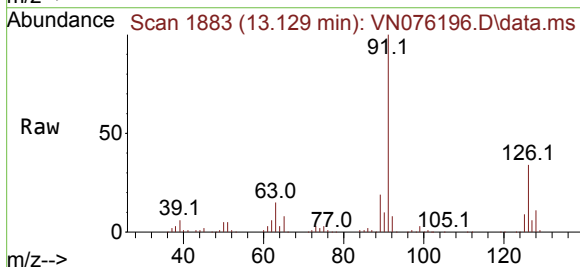
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

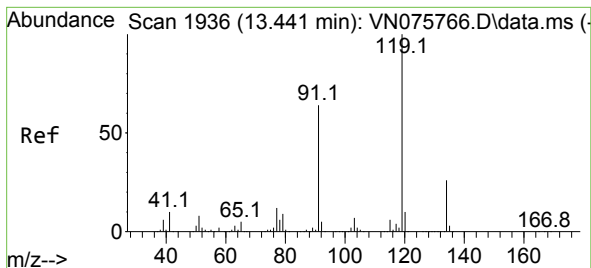
Tgt Ion: 75 Resp: 87317
Ion Ratio Lower Upper
75 100
53 92.2 73.8 110.6
89 47.5 39.5 59.3



#82
4-Chlorotoluene
Concen: 51.741 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

Tgt Ion: 91 Resp: 750228
Ion Ratio Lower Upper
91 100
126 34.8 17.5 52.5

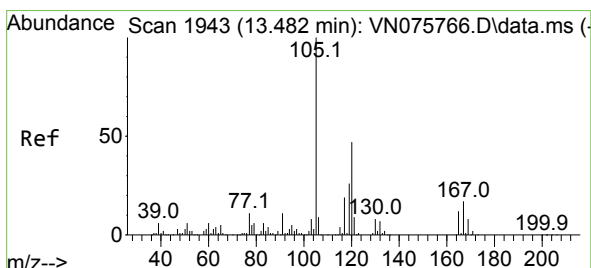
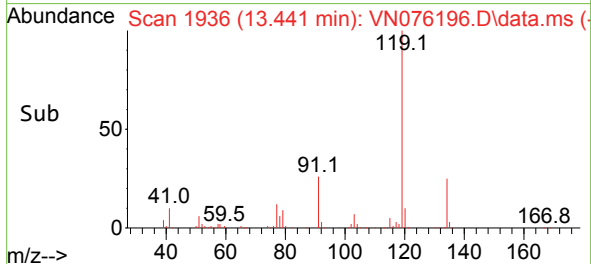
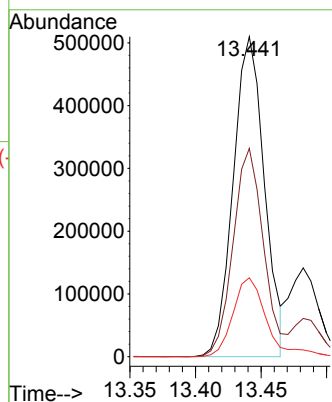
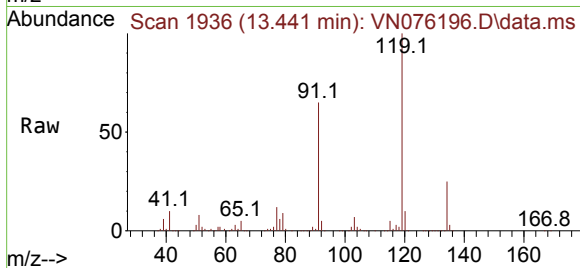




#83
tert-Butylbenzene
Concen: 54.316 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

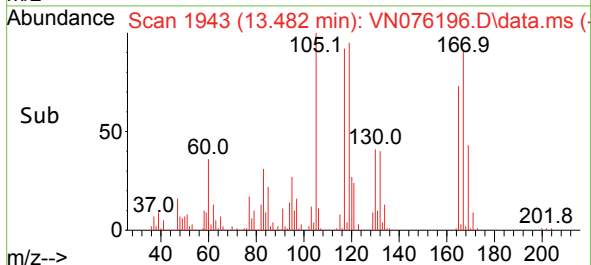
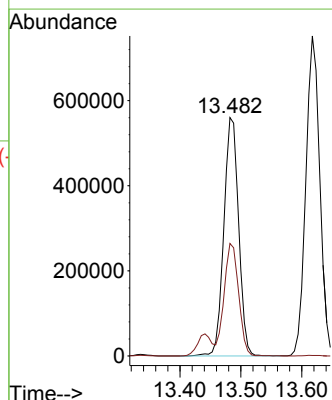
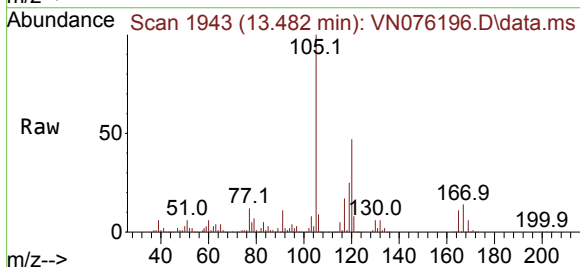
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

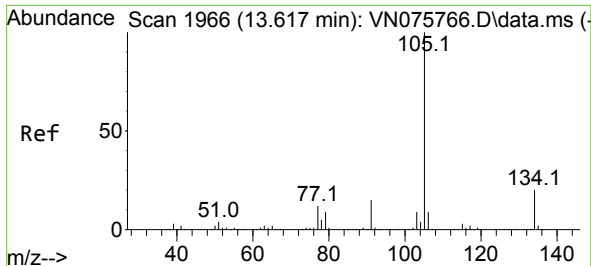
Tgt Ion:119 Resp: 844099
Ion Ratio Lower Upper
119 100
91 64.3 31.9 95.5
134 26.6 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 54.033 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

Tgt Ion:105 Resp: 944800
Ion Ratio Lower Upper
105 100
120 46.1 23.3 69.8

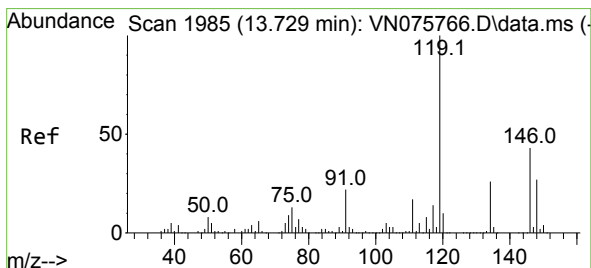
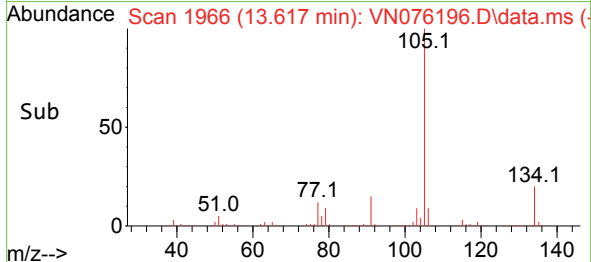
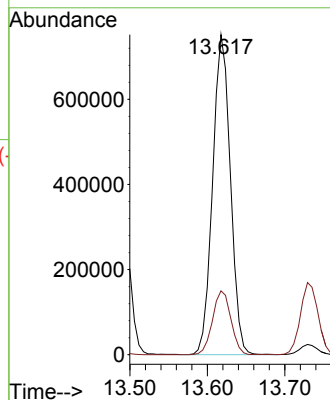
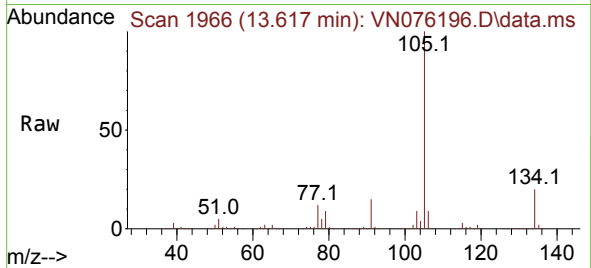




#85
 sec-Butylbenzene
 Concen: 55.777 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076196.D
 Acq: 11 Jan 2023 09:16

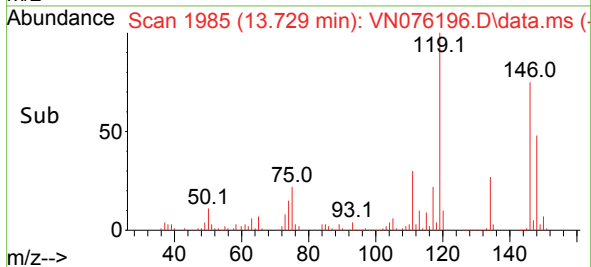
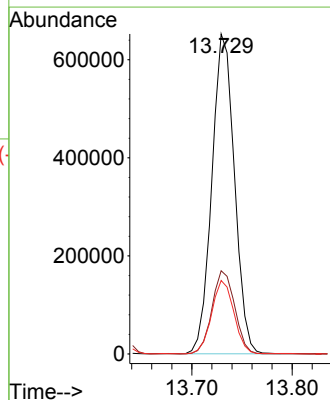
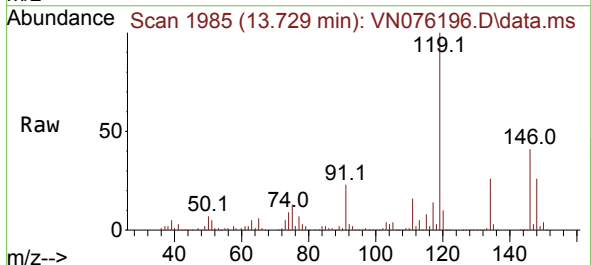
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

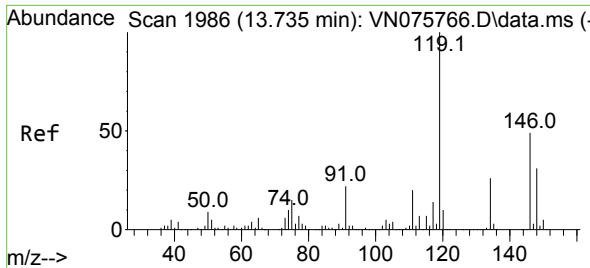
Tgt Ion:105 Resp: 1196384
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 57.181 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN076196.D
 Acq: 11 Jan 2023 09:16

Tgt Ion:119 Resp: 1020554
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 22.6 11.2 33.6

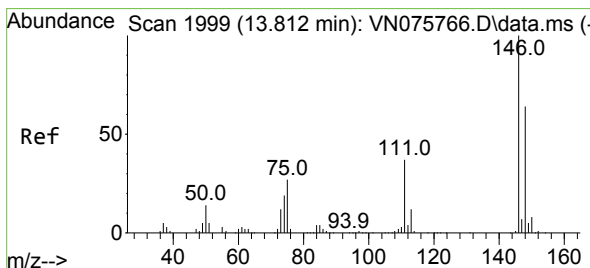
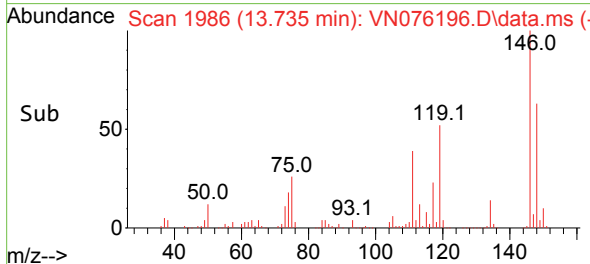
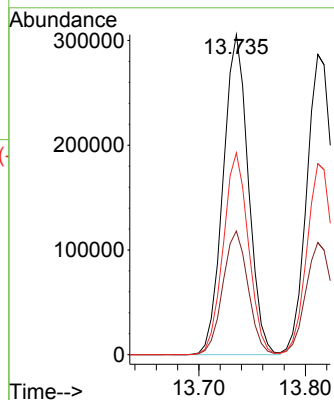
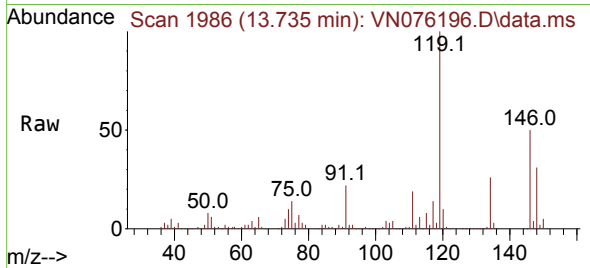




#87
 1,3-Dichlorobenzene
 Concen: 50.992 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN076196.D
 Acq: 11 Jan 2023 09:16

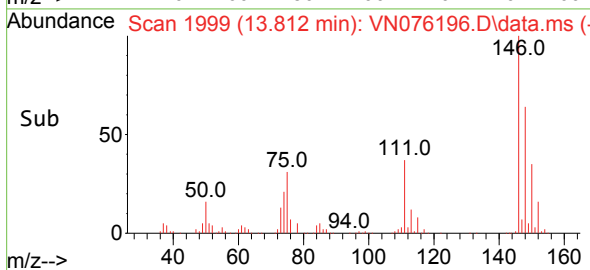
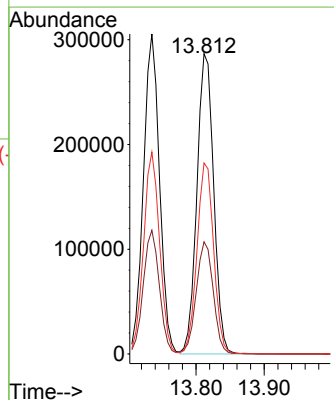
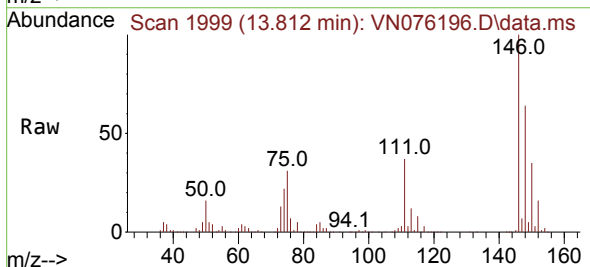
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

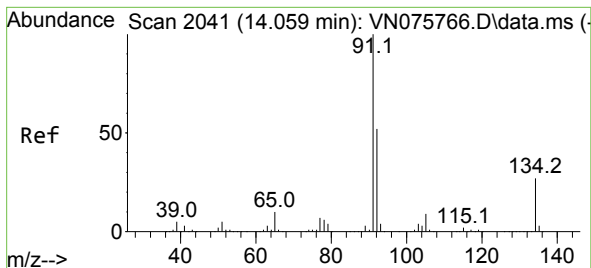
Tgt Ion:146 Resp: 502023
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.7 59.0
 148 63.0 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 48.751 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN076196.D
 Acq: 11 Jan 2023 09:16

Tgt Ion:146 Resp: 490310
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.1 57.1
 148 63.1 32.0 96.2





#89

n-Butylbenzene

Concen: 56.718 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN076196.D

Acq: 11 Jan 2023 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

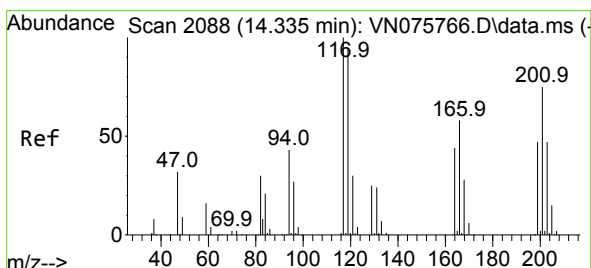
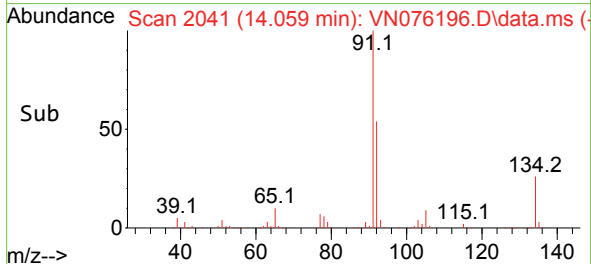
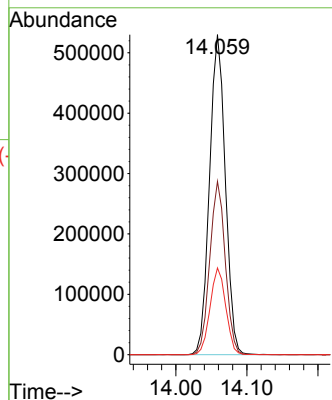
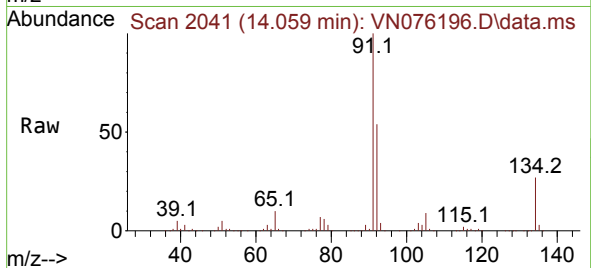
Tgt Ion: 91 Resp: 820096

Ion Ratio Lower Upper

91 100

92 53.2 26.4 79.2

134 26.9 13.4 40.2



#90

Hexachloroethane

Concen: 52.838 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN076196.D

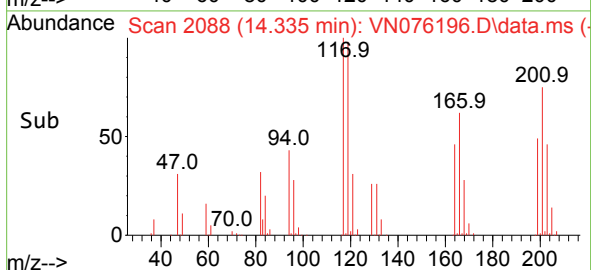
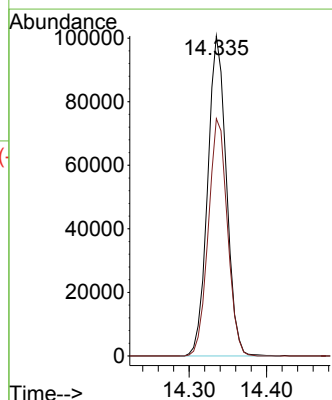
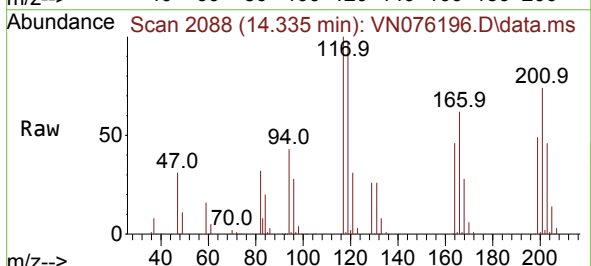
Acq: 11 Jan 2023 09:16

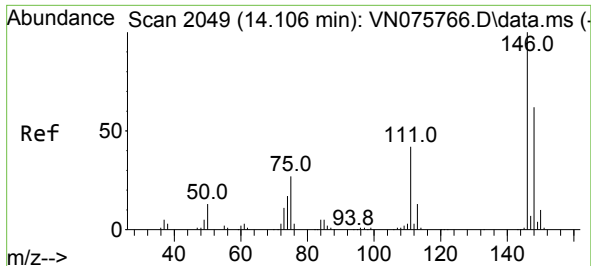
Tgt Ion: 117 Resp: 168693

Ion Ratio Lower Upper

117 100

201 75.5 38.0 114.1

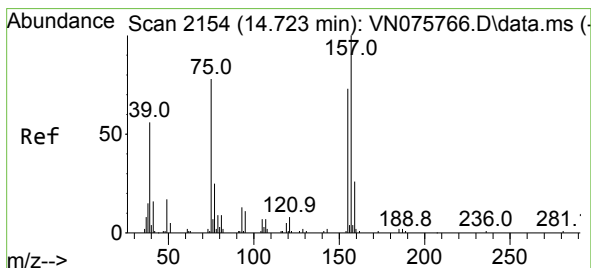
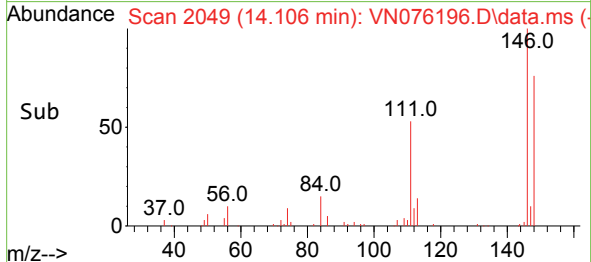
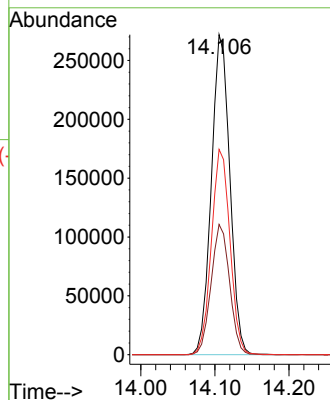
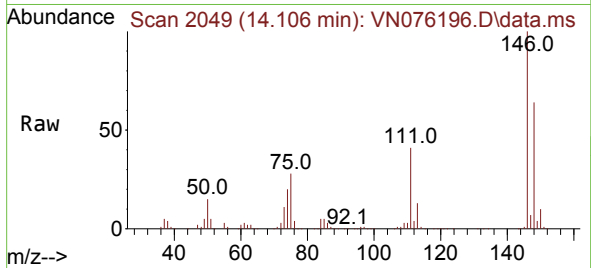




#91
1,2-Dichlorobenzene
Concen: 48.551 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

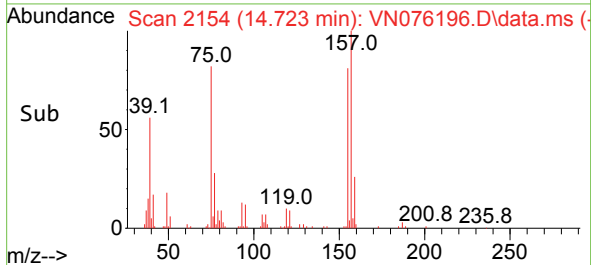
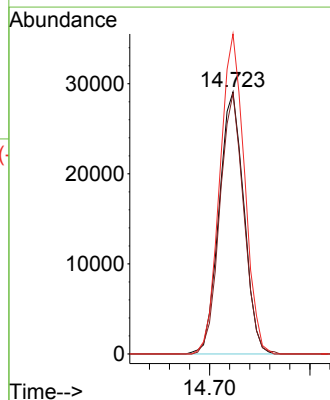
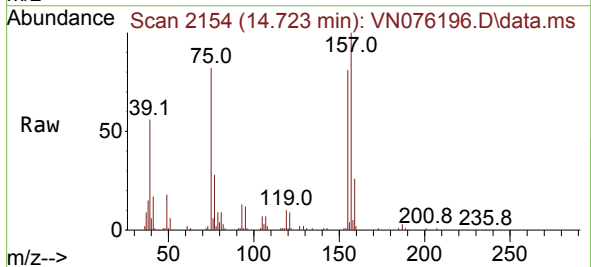
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

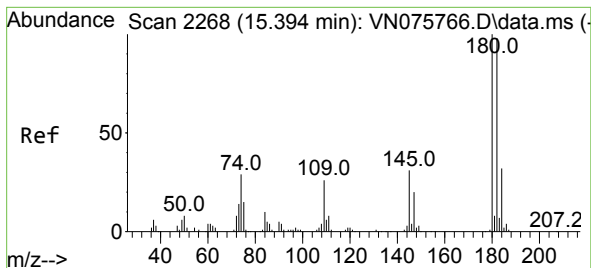
Tgt Ion:146 Resp: 470816
Ion Ratio Lower Upper
146 100
111 40.7 20.3 61.0
148 64.5 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.117 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VN076196.D
Acq: 11 Jan 2023 09:16

Tgt Ion: 75 Resp: 49810
Ion Ratio Lower Upper
75 100
155 95.8 49.3 147.8
157 121.3 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 50.978 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN076196.D

Acq: 11 Jan 2023 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

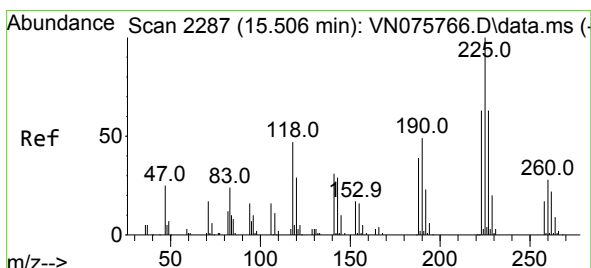
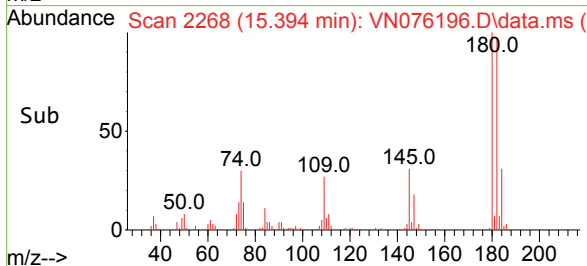
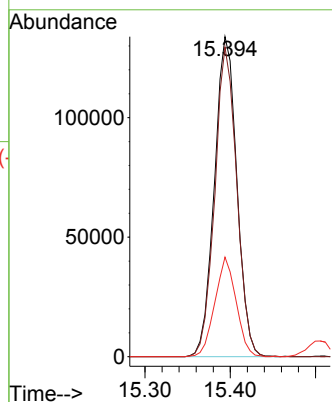
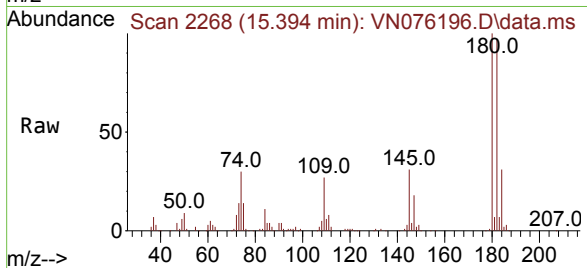
Tgt Ion:180 Resp: 244744

Ion Ratio Lower Upper

180 100

182 94.7 47.5 142.5

145 29.5 15.3 45.8



#94

Hexachlorobutadiene

Concen: 49.217 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076196.D

Acq: 11 Jan 2023 09:16

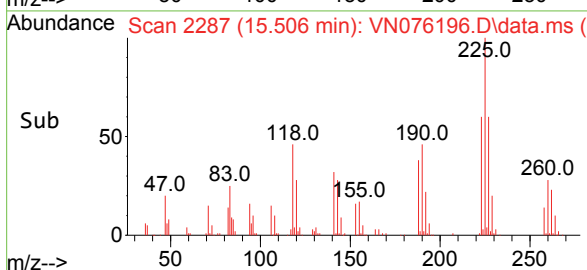
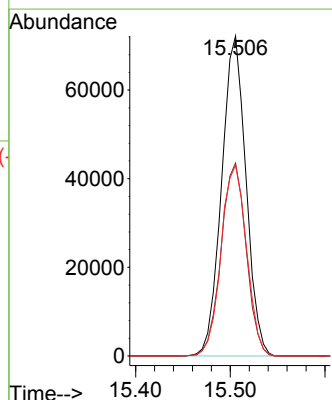
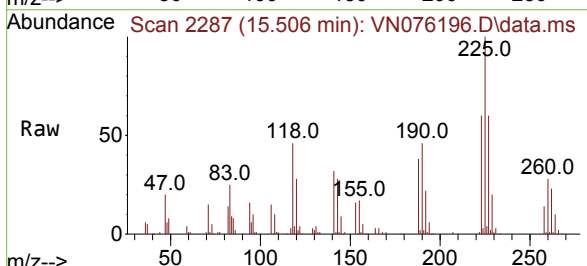
Tgt Ion:225 Resp: 128915

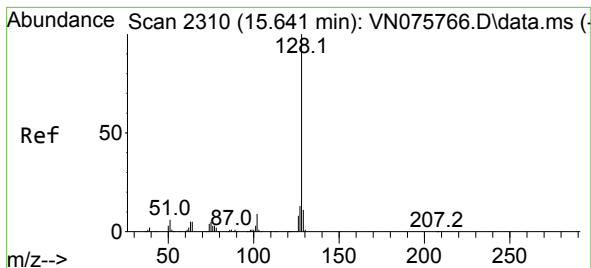
Ion Ratio Lower Upper

225 100

223 62.0 31.5 94.5

227 62.3 31.6 95.0





#95

Naphthalene

Concen: 43.078 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN076196.D

Acq: 11 Jan 2023 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

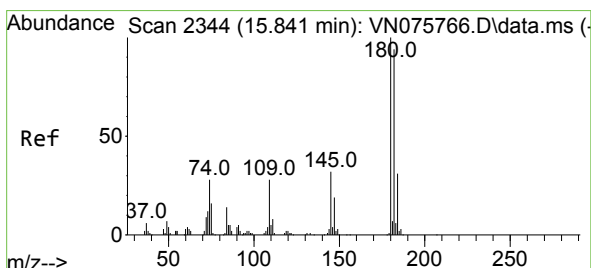
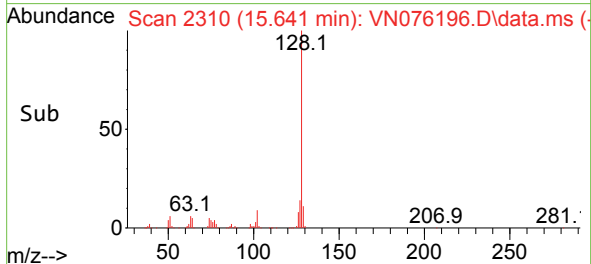
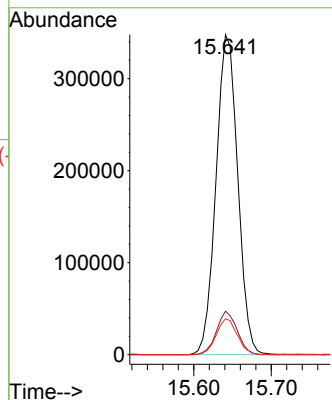
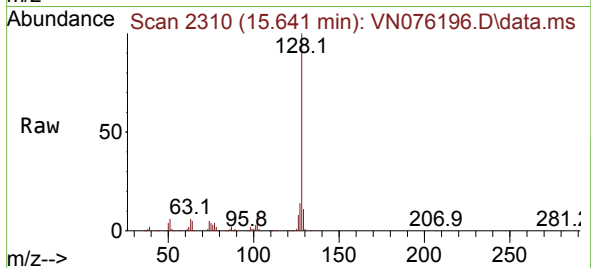
Tgt Ion:128 Resp: 678239

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 51.049 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. 0.000 min

Lab File: VN076196.D

Acq: 11 Jan 2023 09:16

Tgt Ion:180 Resp: 229067

Ion Ratio Lower Upper

180 100

182 95.7 47.0 141.0

145 32.6 16.0 47.9

