

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012623\
 Data File : VN076426.D
 Acq On : 26 Jan 2023 17:37
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jan 27 00:39:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	389212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	637917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	579074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	285886	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	219679	50.409	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.820%	
35) Dibromofluoromethane	8.171	113	186965	46.853	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.700%	
50) Toluene-d8	10.571	98	687972	46.683	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.360%	
62) 4-Bromofluorobenzene	12.853	95	254281	52.854	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.700%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	179860	45.095	ug/l	97
3) Chloromethane	2.377	50	204338	49.482	ug/l	98
4) Vinyl Chloride	2.530	62	283919	56.071	ug/l	99
5) Bromomethane	2.948	94	205994	49.677	ug/l	100
6) Chloroethane	3.124	64	197179	51.931	ug/l	99
7) Trichlorofluoromethane	3.506	101	365589	52.480	ug/l	98
8) Diethyl Ether	3.971	74	126718	54.232	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.389	101	199167	50.503	ug/l	96
10) Methyl Iodide	4.600	142	284424	47.216	ug/l	96
11) Tert butyl alcohol	5.536	59	157825	270.757	ug/l	99
12) 1,1-Dichloroethene	4.353	96	178304	47.829	ug/l	88
13) Acrolein	4.189	56	204973	294.038	ug/l	100
14) Allyl chloride	5.036	41	234735	54.032	ug/l	90
15) Acrylonitrile	5.730	53	414755	250.039	ug/l	100
16) Acetone	4.442	43	403825	289.072	ug/l	98
17) Carbon Disulfide	4.724	76	395156	42.571	ug/l	97
18) Methyl Acetate	5.036	43	235121	49.661	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	600199	49.454	ug/l	99
20) Methylene Chloride	5.294	84	198868	48.084	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	178449	44.185	ug/l	98
22) Diisopropyl ether	6.683	45	539471	52.657	ug/l	99
23) Vinyl Acetate	6.612	43	1761998	266.110	ug/l	98
24) 1,1-Dichloroethane	6.583	63	333466	48.830	ug/l	99
25) 2-Butanone	7.488	43	533064	249.833	ug/l	94
26) 2,2-Dichloropropane	7.494	77	289292	50.262	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	224161	47.589	ug/l	97
28) Bromochloromethane	7.824	49	147268	53.204	ug/l	94
29) Tetrahydrofuran	7.847	42	340485	258.556	ug/l	97
30) Chloroform	7.971	83	376857	49.872	ug/l	97
31) Cyclohexane	8.265	56	287398	42.930	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	342410	49.632	ug/l	98
36) 1,1-Dichloropropene	8.377	75	264640	46.671	ug/l	99
37) Ethyl Acetate	7.565	43	218902	48.132	ug/l	98
38) Carbon Tetrachloride	8.371	117	301215	47.636	ug/l	99
39) Methylcyclohexane	9.606	83	321689	46.457	ug/l	98
40) Benzene	8.612	78	794605	46.865	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	120624	50.653	ug/l	96
42) 1,2-Dichloroethane	8.677	62	287518	49.562	ug/l	99
43) Isopropyl Acetate	8.694	43	448075	60.560	ug/l	91
44) Trichloroethene	9.353	130	204810	42.709	ug/l	96
45) 1,2-Dichloropropane	9.624	63	196910	48.507	ug/l	99
46) Dibromomethane	9.712	93	146563	47.820	ug/l	96
47) Bromodichloromethane	9.894	83	303152	50.997	ug/l	97
48) Methyl methacrylate	9.682	41	178431	50.940	ug/l	97
49) 1,4-Dioxane	9.700	88	75310	1018.941	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	1128012	259.706	ug/l	98
52) Toluene	10.635	92	534149	47.109	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	305549	53.920	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	332024	50.929	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	210599	48.592	ug/l	98
56) Ethyl methacrylate	10.876	69	301342	53.857	ug/l	98
57) 1,3-Dichloropropane	11.165	76	343924	48.832	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	490848	259.857	ug/l	98
59) 2-Hexanone	11.200	43	828093	263.096	ug/l	99
60) Dibromochloromethane	11.359	129	237648	52.090	ug/l	99
61) 1,2-Dibromoethane	11.471	107	213123	49.265	ug/l	99
64) Tetrachloroethene	11.106	164	198803	38.069	ug/l	97
65) Chlorobenzene	11.894	112	564673	46.130	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	222691	48.896	ug/l	99
67) Ethyl Benzene	11.965	91	1051762	50.203	ug/l	99
68) m/p-Xylenes	12.071	106	820446	97.664	ug/l	98
69) o-Xylene	12.400	106	410936	49.812	ug/l	98
70) Styrene	12.412	104	679897	51.615	ug/l	98
71) Bromoform	12.582	173	170442	51.821	ug/l #	100
73) Isopropylbenzene	12.700	105	1089603	49.267	ug/l	100
74) N-amyl acetate	12.494	43	341204	53.634	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	302120	47.520	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	375590	72.544	ug/l	83
77) Bromobenzene	12.982	156	248980	48.132	ug/l	96
78) n-propylbenzene	13.035	91	1244142	49.856	ug/l	99
79) 2-Chlorotoluene	13.129	91	741028	48.392	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	929931	50.190	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	87626	50.997	ug/l	98
82) 4-Chlorotoluene	13.129	91	741028	48.392	ug/l	98
83) tert-Butylbenzene	13.441	119	817108	49.585	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	930021	50.059	ug/l	99
85) sec-Butylbenzene	13.617	105	1158342	50.657	ug/l	99
86) p-Isopropyltoluene	13.729	119	970417	51.609	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	469860	45.075	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	460400	46.437	ug/l	99
89) n-Butylbenzene	14.059	91	787150	52.735	ug/l	100
90) Hexachloroethane	14.335	117	165149	50.889	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	458130	44.126	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	52314	47.336	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	213566	42.765	ug/l	98
94) Hexachlorobutadiene	15.506	225	117630	42.694	ug/l	99
95) Naphthalene	15.641	128	618155	41.924	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	206595	43.360	ug/l	98

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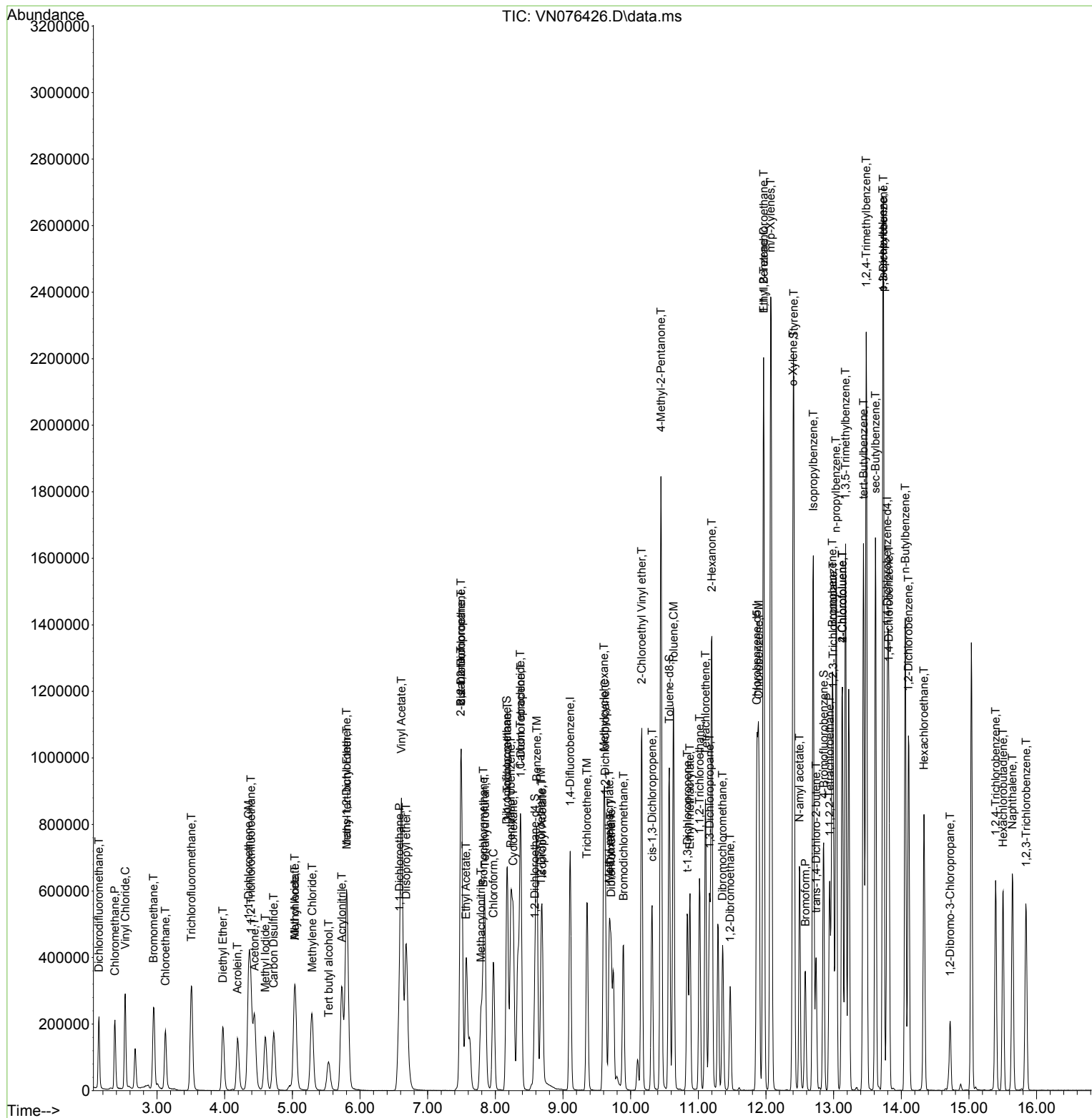
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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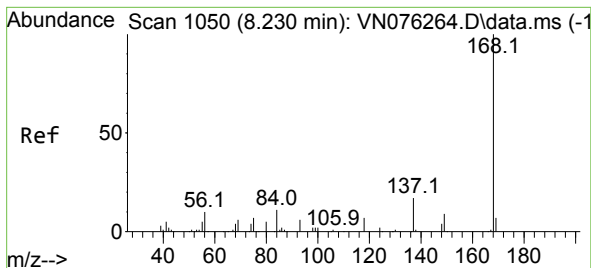
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

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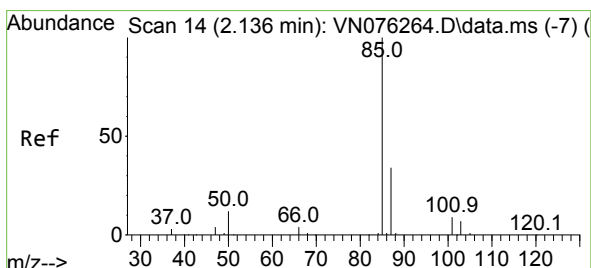
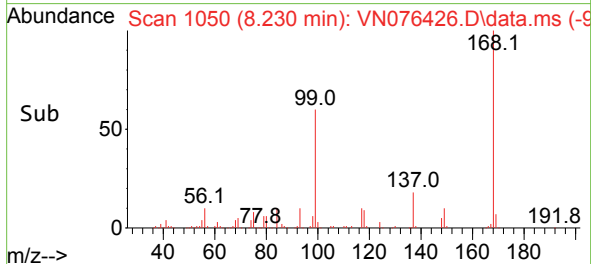
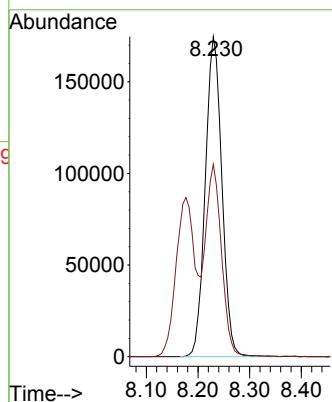
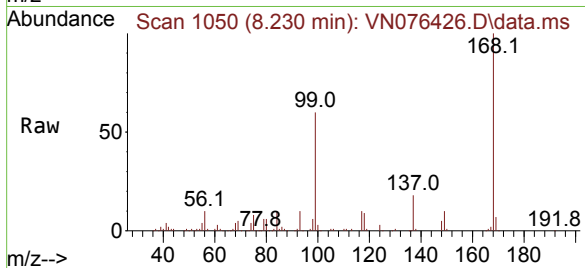
VSTDCCC050EC

Tgt Ion:168 Resp: 389212

Ion Ratio Lower Upper

168 100

99 60.0 41.6 62.4



#2

Dichlorodifluoromethane

Concen: 45.095 ug/l

RT: 2.142 min Scan# 15

Delta R.T. 0.006 min

Lab File: VN076426.D

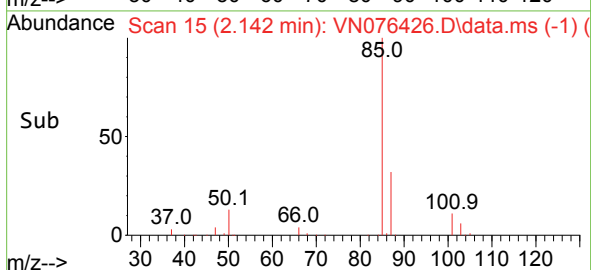
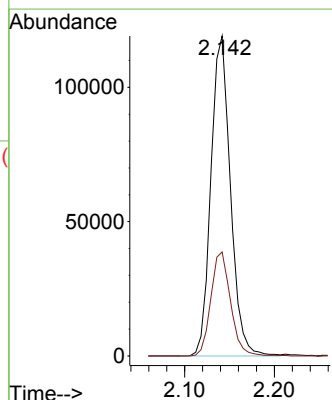
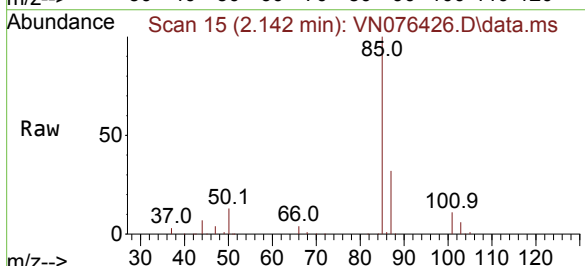
Acq: 26 Jan 2023 17:37

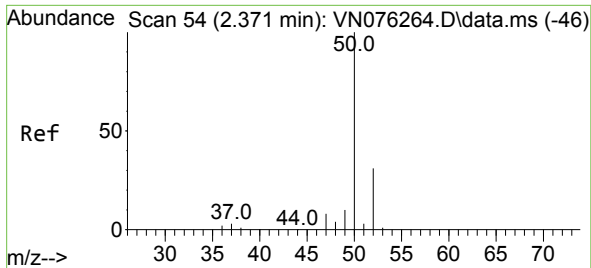
Tgt Ion: 85 Resp: 179860

Ion Ratio Lower Upper

85 100

87 32.5 17.1 51.2

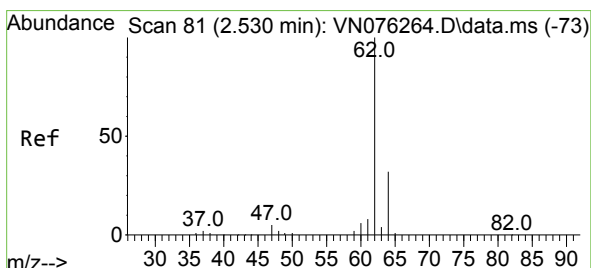
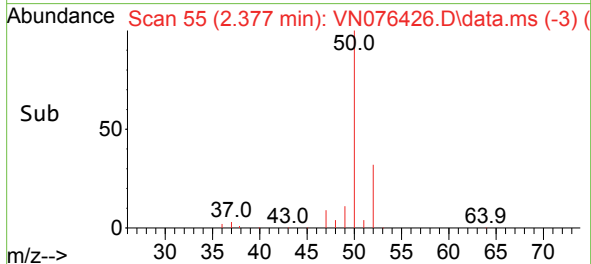
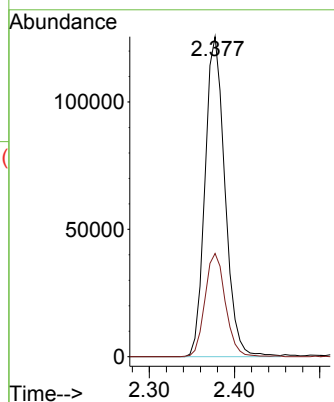
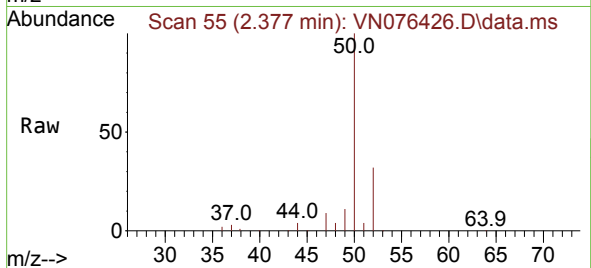




#3
Chloromethane
Concen: 49.482 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

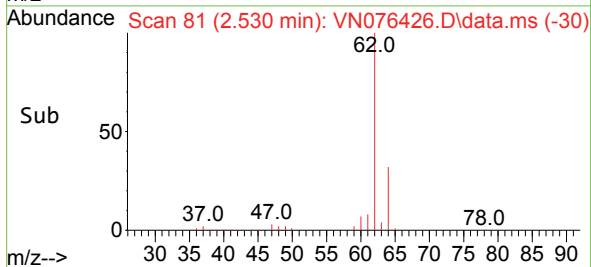
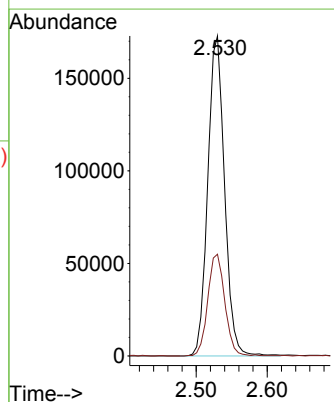
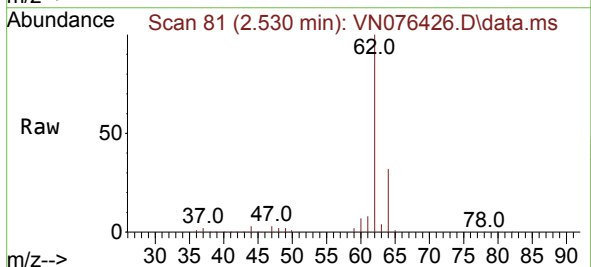
Instrument :
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ClientSampleId :
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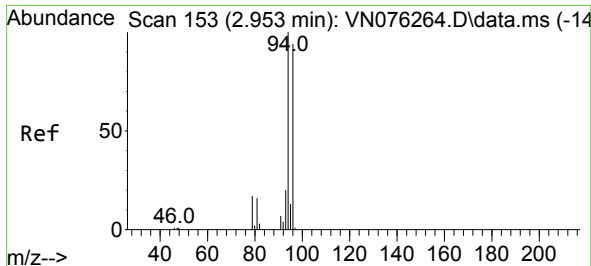
Tgt Ion: 50 Resp: 204338
Ion Ratio Lower Upper
50 100
52 32.3 24.8 37.2



#4
Vinyl Chloride
Concen: 56.071 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

Tgt Ion: 62 Resp: 283919
Ion Ratio Lower Upper
62 100
64 31.8 25.8 38.6

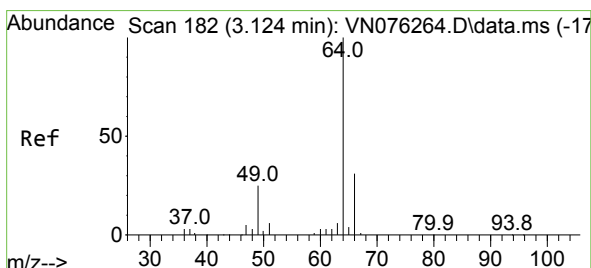
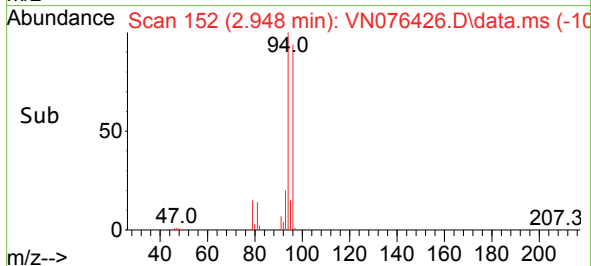
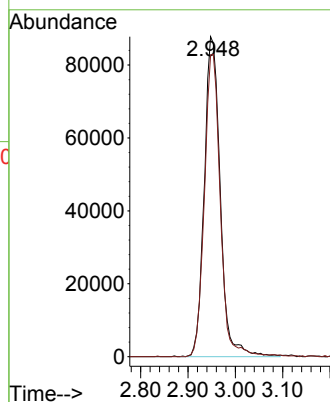
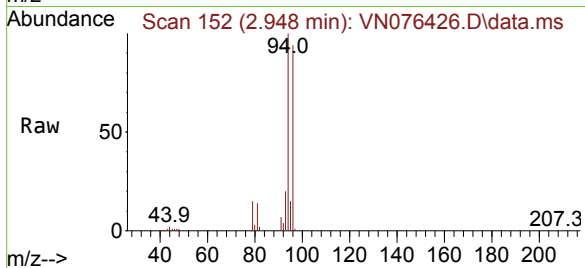




#5
Bromomethane
Concen: 49.677 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN076426.D
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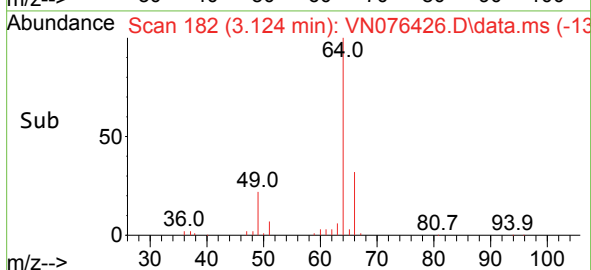
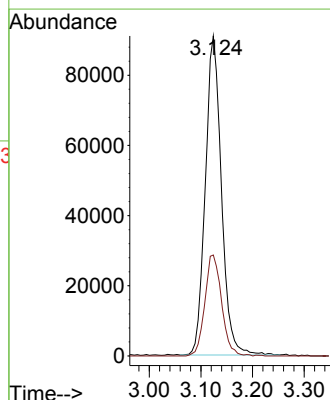
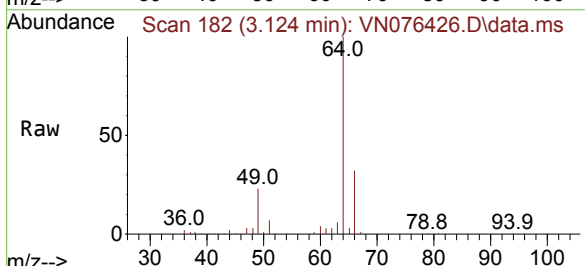
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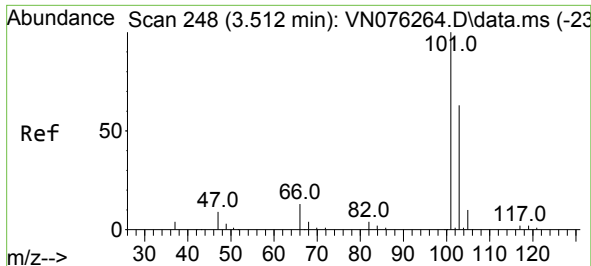
Tgt Ion: 94 Resp: 205994
Ion Ratio Lower Upper
94 100
96 94.2 75.1 112.7



#6
Chloroethane
Concen: 51.931 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

Tgt Ion: 64 Resp: 197179
Ion Ratio Lower Upper
64 100
66 31.6 24.8 37.2

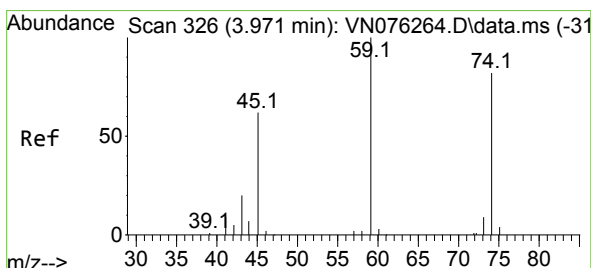
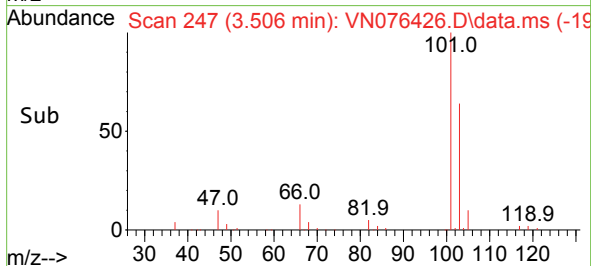
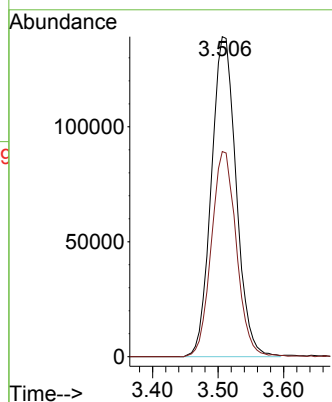
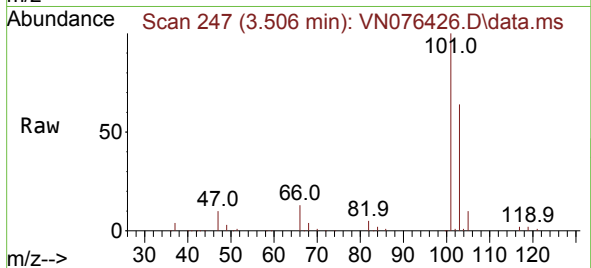




#7
Trichlorofluoromethane
Concen: 52.480 ug/l
RT: 3.506 min Scan# 248
Delta R.T. -0.006 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

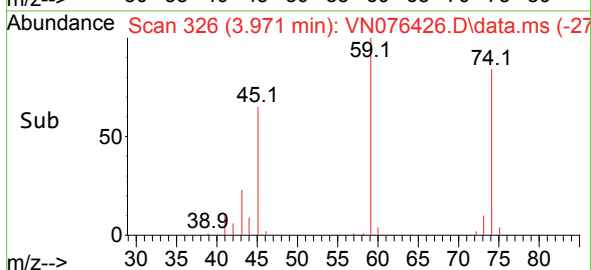
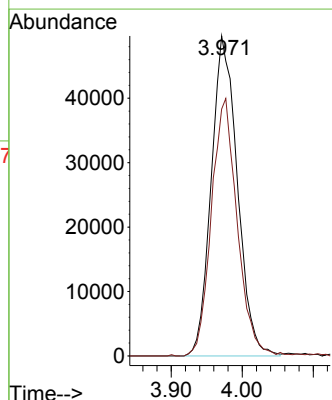
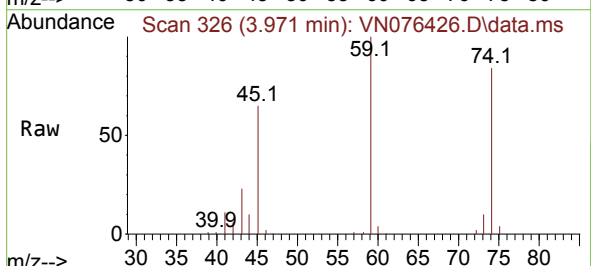
Instrument :
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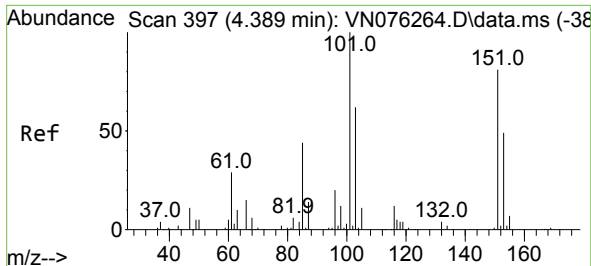
Tgt Ion:101 Resp: 365589
Ion Ratio Lower Upper
101 100
103 64.1 50.2 75.4



#8
Diethyl Ether
Concen: 54.232 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 126718
Ion Ratio Lower Upper
74 100
45 79.5 37.8 113.3

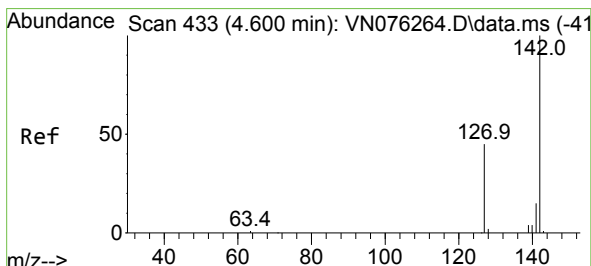
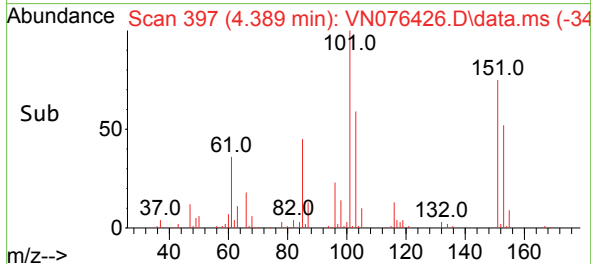
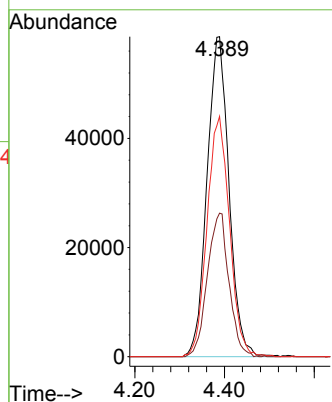
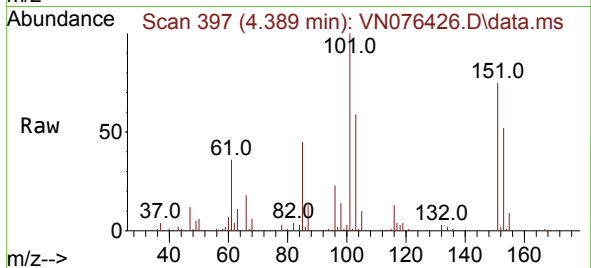




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.503 ug/l
RT: 4.389 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

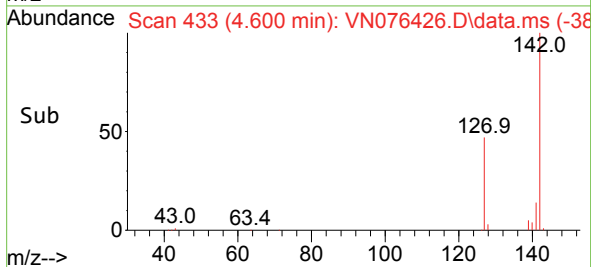
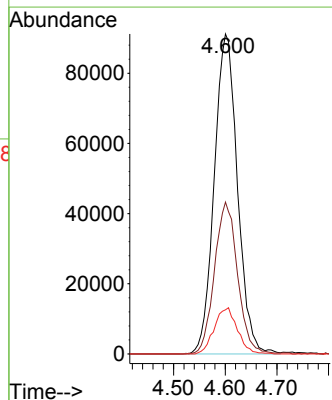
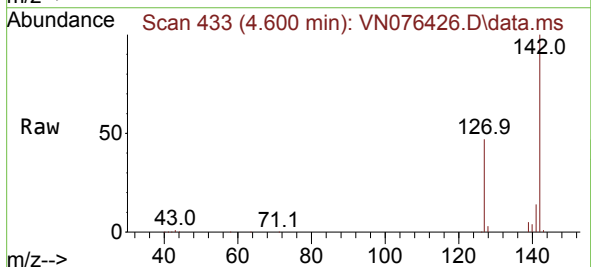
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

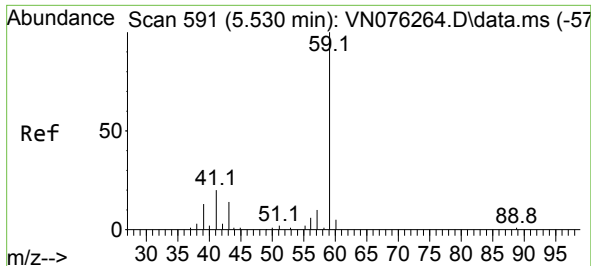
Tgt Ion:101 Resp: 199167
Ion Ratio Lower Upper
101 100
85 44.0 35.5 53.3
151 76.8 65.5 98.3



#10
Methyl Iodide
Concen: 47.216 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

Tgt Ion:142 Resp: 284424
Ion Ratio Lower Upper
142 100
127 47.1 35.0 52.4
141 14.4 11.5 17.3

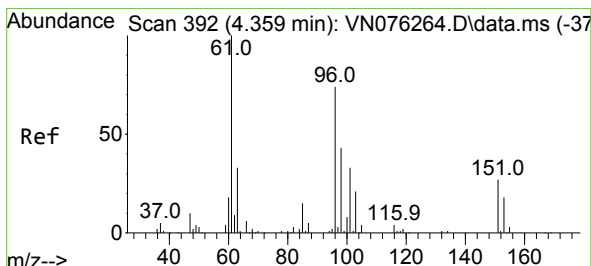
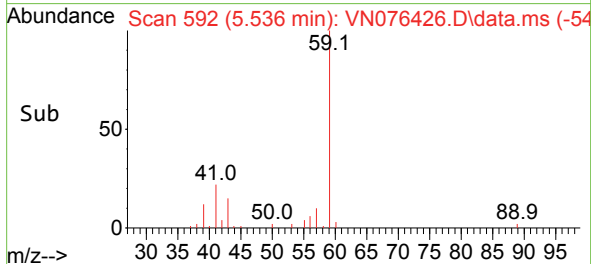
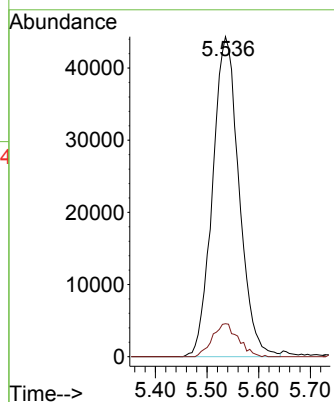
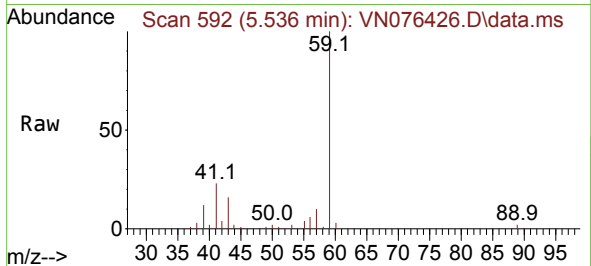




#11
Tert butyl alcohol
Concen: 270.757 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

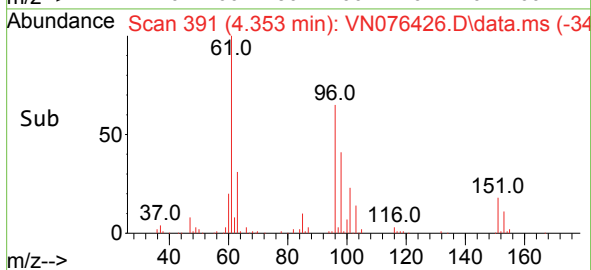
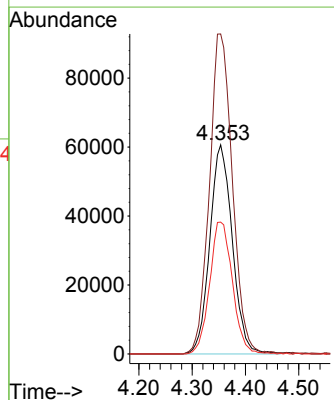
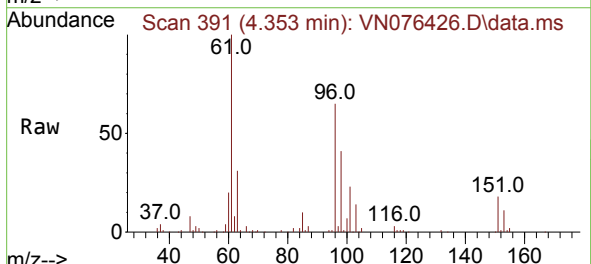
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

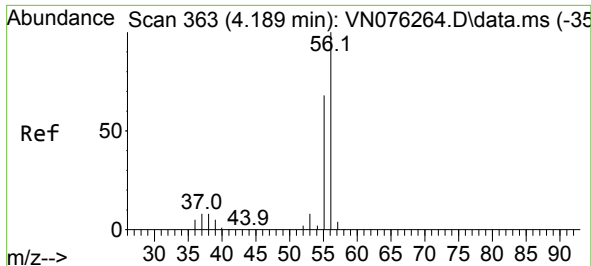
Tgt Ion: 59 Resp: 157825
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7



#12
1,1-Dichloroethene
Concen: 47.829 ug/l
RT: 4.353 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

Tgt Ion: 96 Resp: 178304
Ion Ratio Lower Upper
96 100
61 153.0 108.2 162.4
98 63.1 47.0 70.6

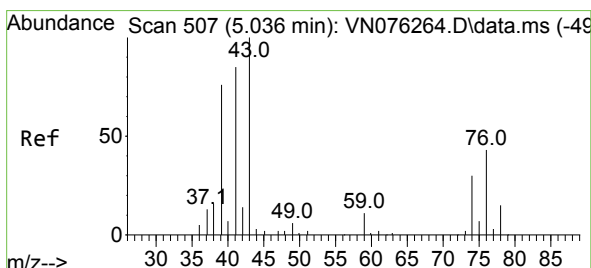
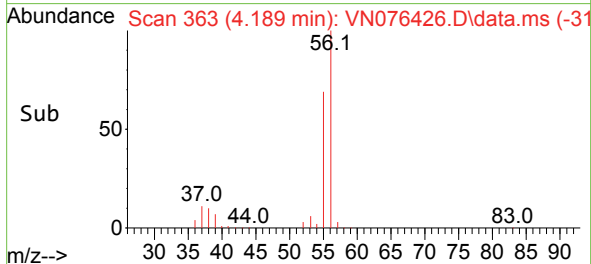
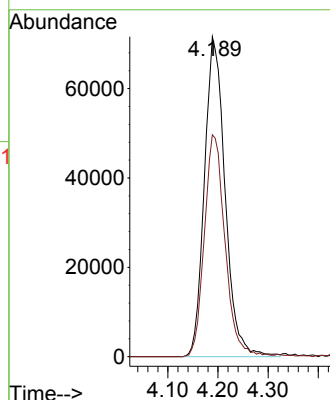
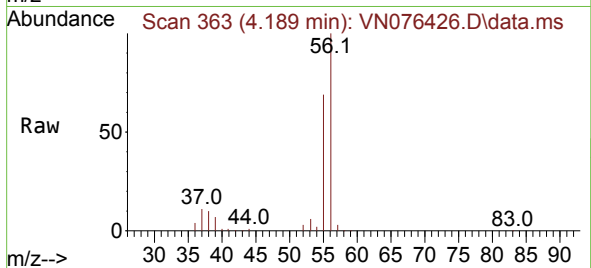




#13
Acrolein
Concen: 294.038 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

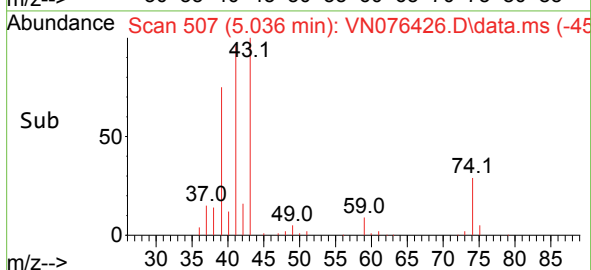
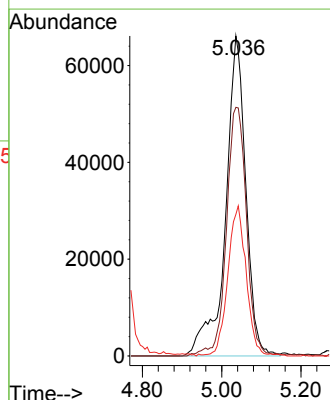
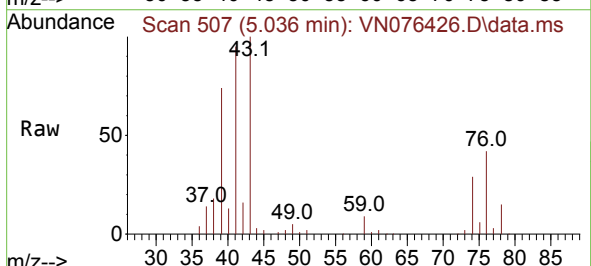
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

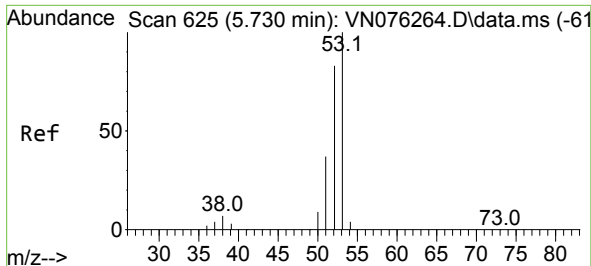
Tgt Ion: 56 Resp: 204973
Ion Ratio Lower Upper
56 100
55 69.4 55.8 83.6



#14
Allyl chloride
Concen: 54.032 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

Tgt Ion: 41 Resp: 234735
Ion Ratio Lower Upper
41 100
39 76.8 67.4 101.0
76 41.4 39.8 59.8

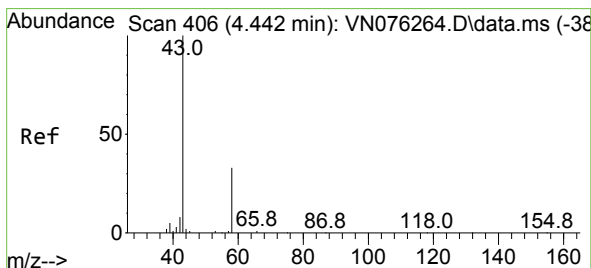
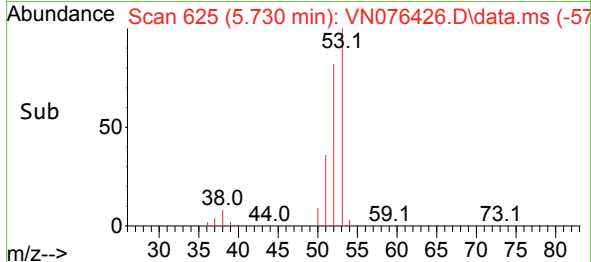
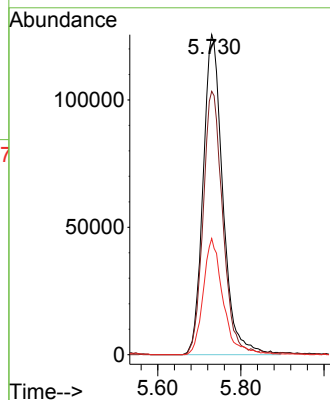
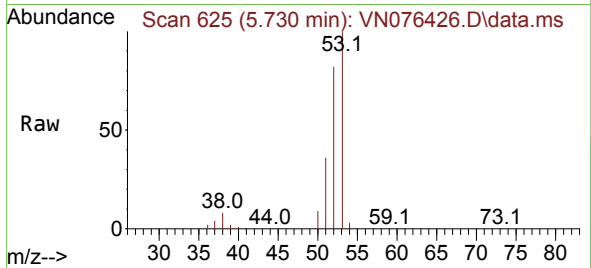




#15
Acrylonitrile
Concen: 250.039 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

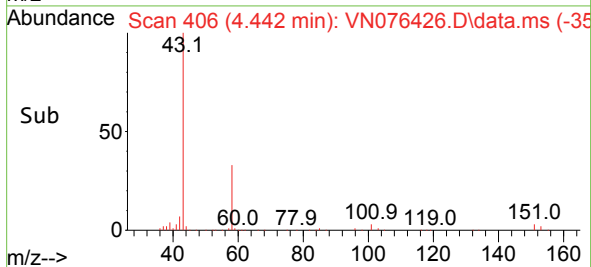
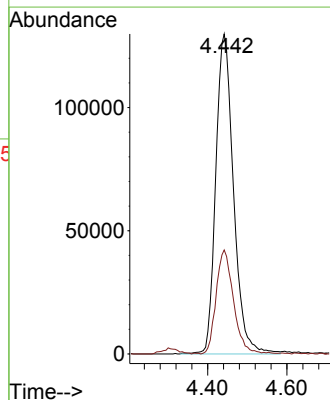
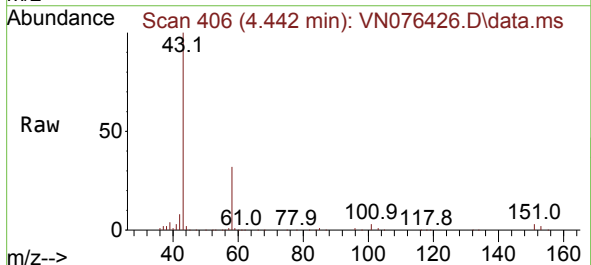
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

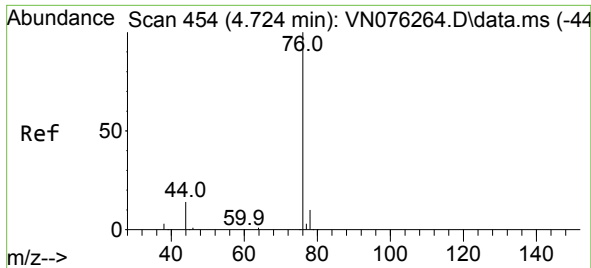
Tgt Ion: 53 Resp: 414755
Ion Ratio Lower Upper
53 100
52 81.5 64.7 97.1
51 36.5 29.2 43.8



#16
Acetone
Concen: 289.072 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

Tgt Ion: 43 Resp: 403825
Ion Ratio Lower Upper
43 100
58 32.3 26.7 40.1

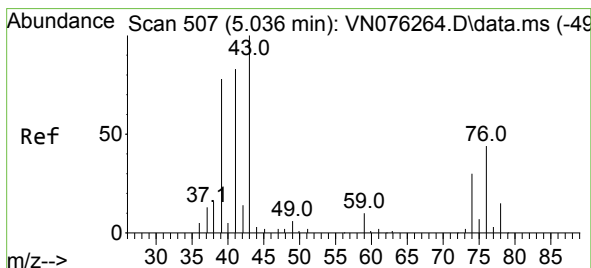
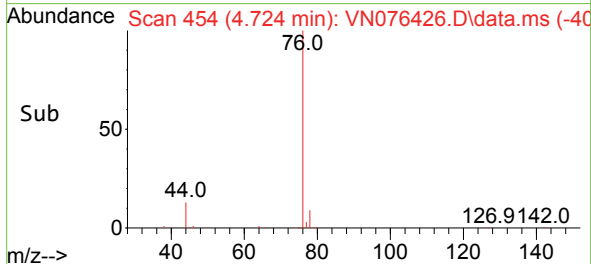
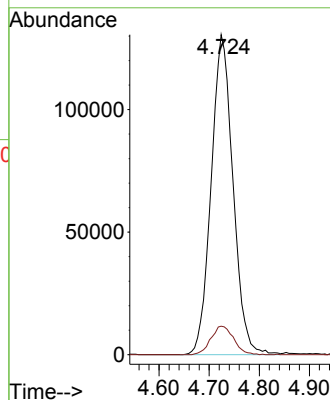
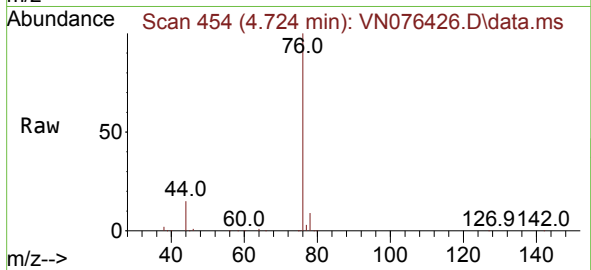




#17
Carbon Disulfide
Concen: 42.571 ug/l
RT: 4.724 min Scan# 417
Delta R.T. -0.000 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

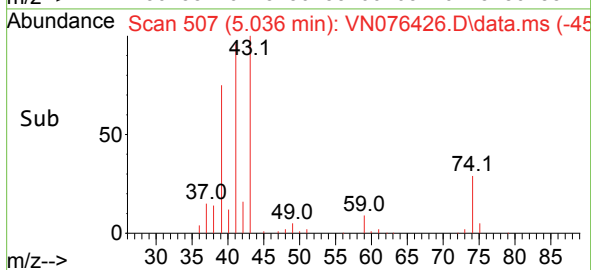
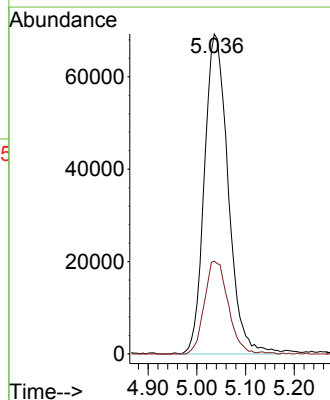
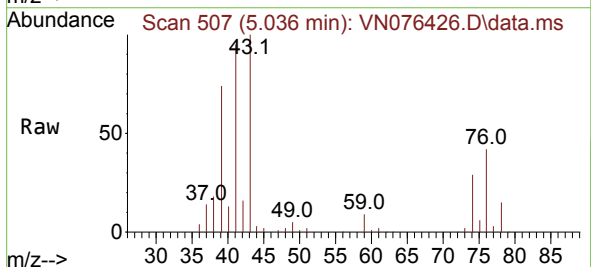
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

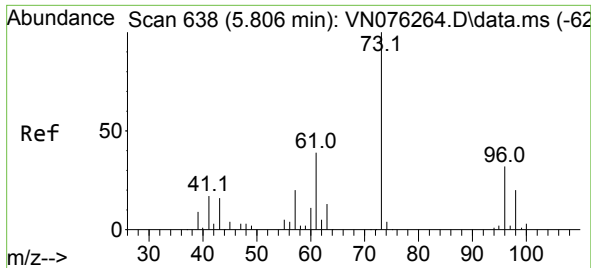
Tgt Ion: 76 Resp: 395156
Ion Ratio Lower Upper
76 100
78 8.9 8.0 12.0



#18
Methyl Acetate
Concen: 49.661 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

Tgt Ion: 43 Resp: 235121
Ion Ratio Lower Upper
43 100
74 28.9 23.3 34.9

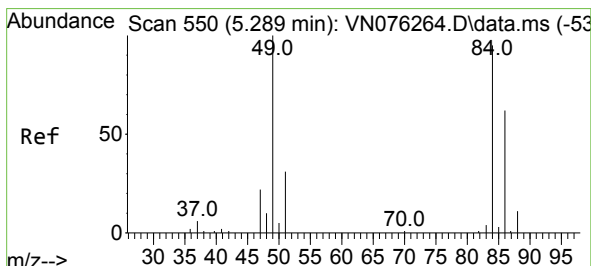
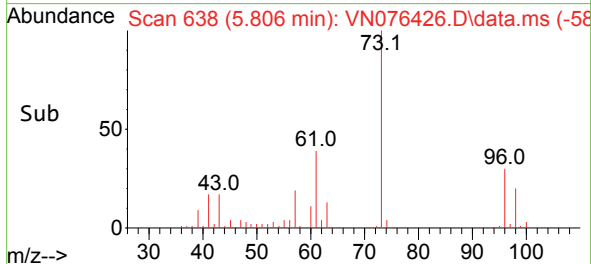
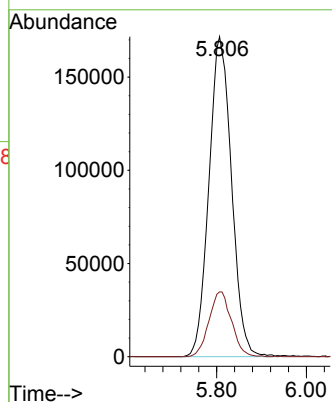
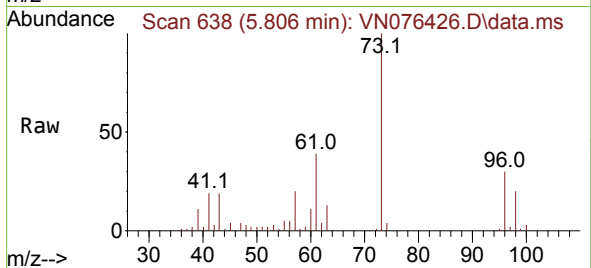




#19
Methyl tert-butyl Ether
Concen: 49.454 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

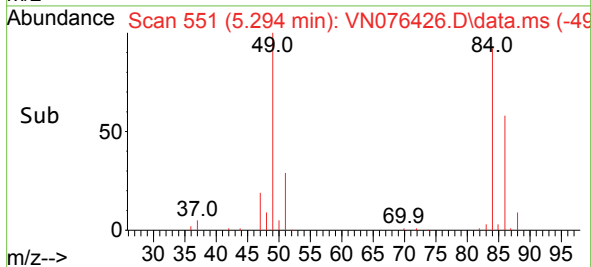
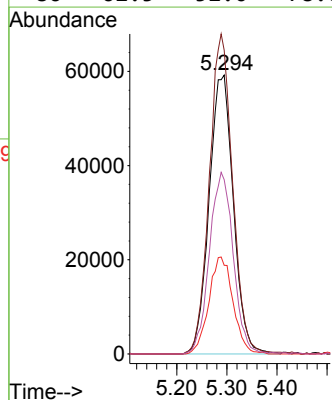
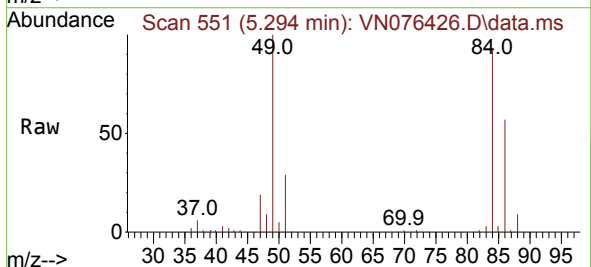
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

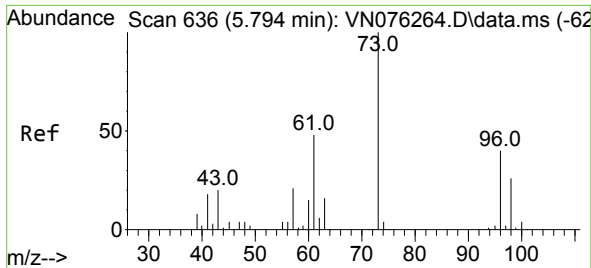
Tgt Ion: 73 Resp: 600199
Ion Ratio Lower Upper
73 100
57 20.2 15.9 23.9



#20
Methylene Chloride
Concen: 48.084 ug/l
RT: 5.294 min Scan# 551
Delta R.T. 0.005 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

Tgt Ion: 84 Resp: 198868
Ion Ratio Lower Upper
84 100
49 108.9 84.5 126.7
51 31.8 26.0 39.0
86 62.5 52.0 78.0

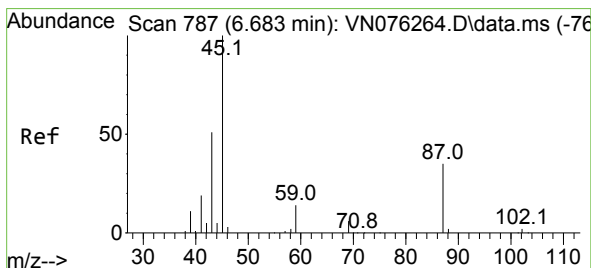
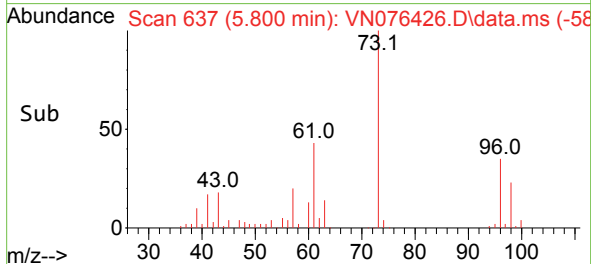
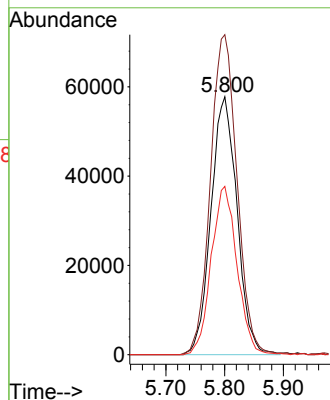
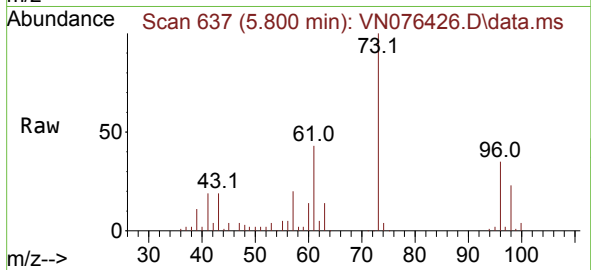




#21
trans-1,2-Dichloroethene
Concen: 44.185 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

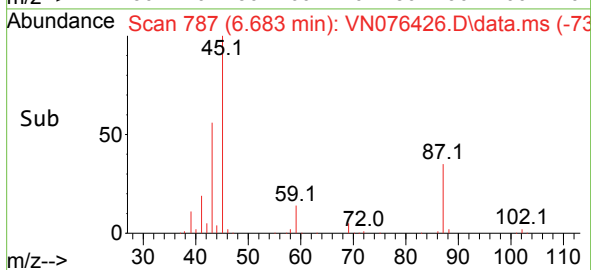
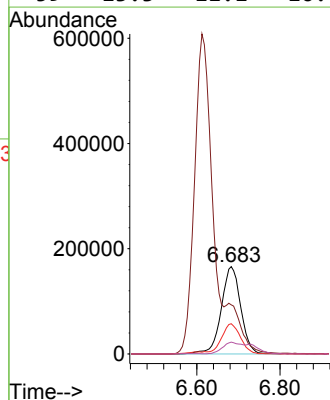
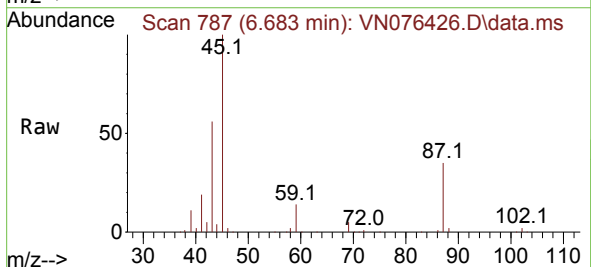
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

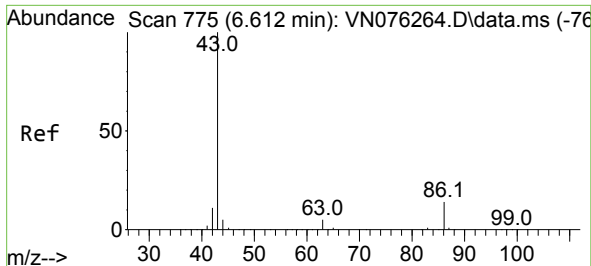
Tgt Ion: 96 Resp: 178449
Ion Ratio Lower Upper
96 100
61 124.0 97.0 145.4
98 65.3 51.9 77.9



#22
Diisopropyl ether
Concen: 52.657 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

Tgt Ion: 45 Resp: 539471
Ion Ratio Lower Upper
45 100
43 55.5 44.4 66.6
87 34.6 28.4 42.6
59 13.3 11.1 16.7

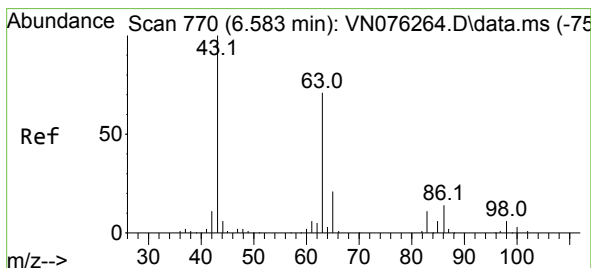
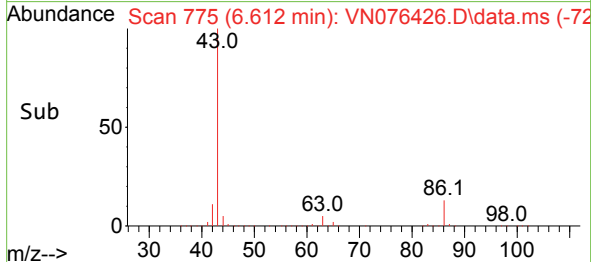
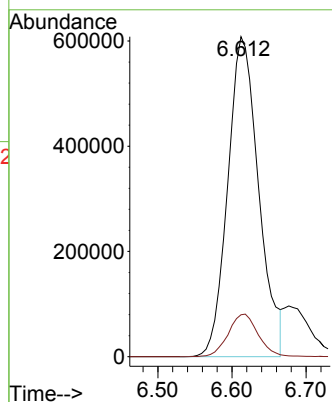
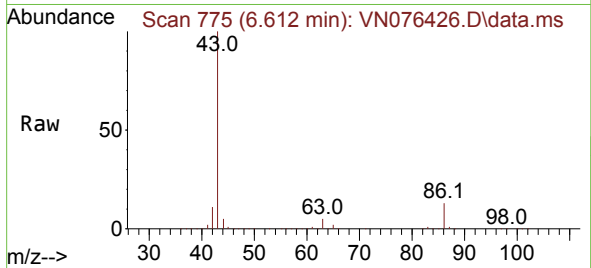




#23
 Vinyl Acetate
 Concen: 266.110 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN076426.D
 Acq: 26 Jan 2023 17:37

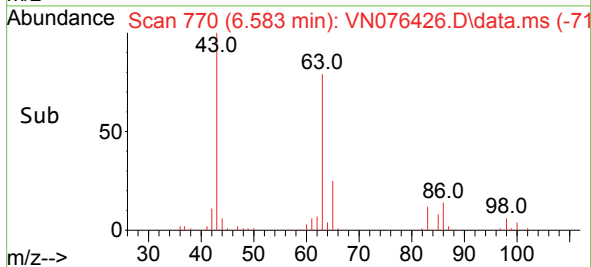
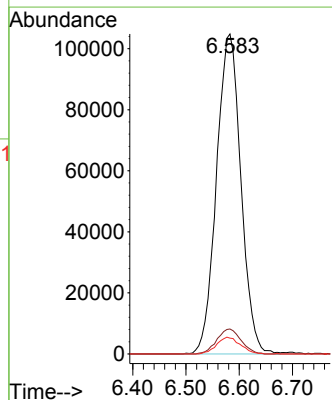
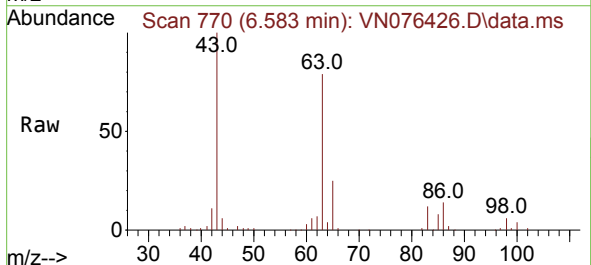
Instrument :
 MSVOA_N
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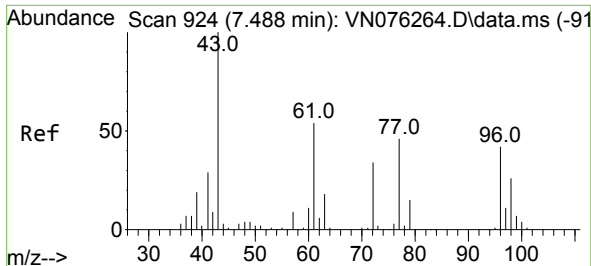
Tgt Ion: 43 Resp: 1761998
 Ion Ratio Lower Upper
 43 100
 86 13.1 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 48.830 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VN076426.D
 Acq: 26 Jan 2023 17:37

Tgt Ion: 63 Resp: 333466
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 4.9 2.2 6.6





#25

2-Butanone

Concen: 249.833 ug/l

RT: 7.488 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076426.D

Acq: 26 Jan 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

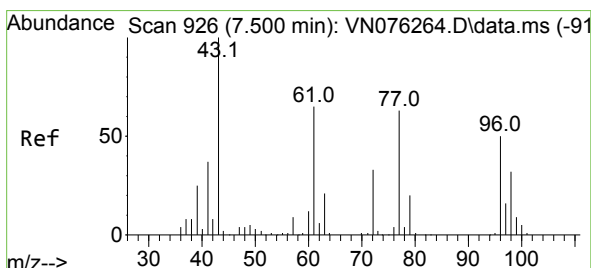
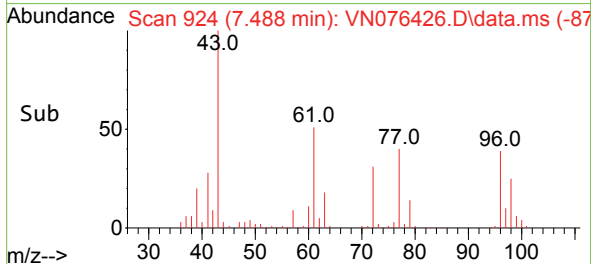
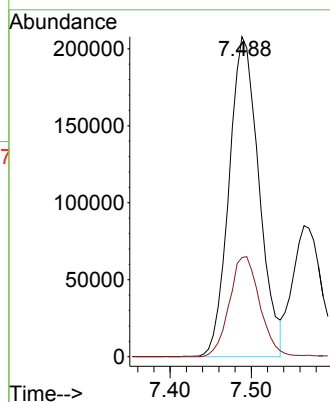
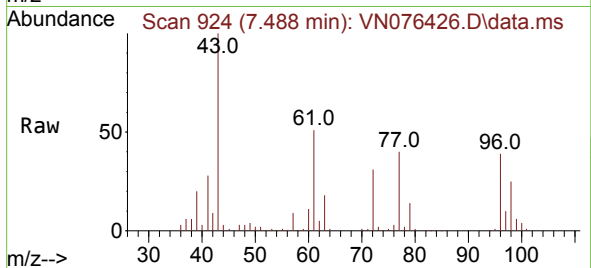
VSTDCCC050EC

Tgt Ion: 43 Resp: 533064

Ion Ratio Lower Upper

43 100

72 31.0 27.4 41.2



#26

2,2-Dichloropropane

Concen: 50.262 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.006 min

Lab File: VN076426.D

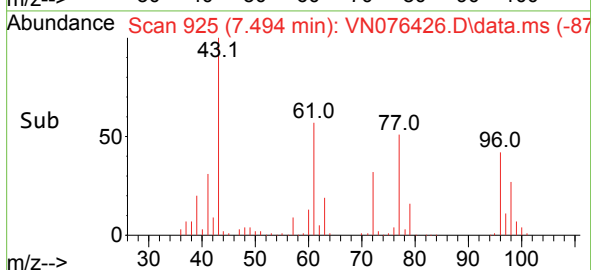
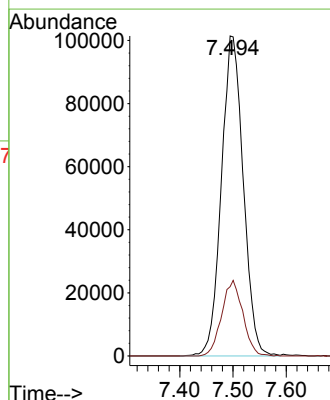
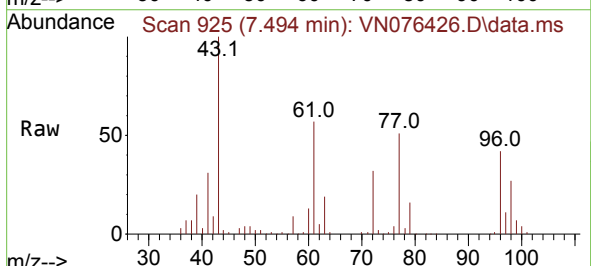
Acq: 26 Jan 2023 17:37

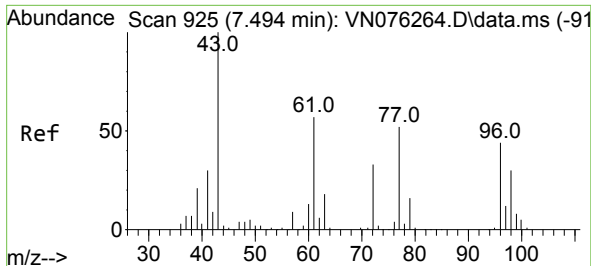
Tgt Ion: 77 Resp: 289292

Ion Ratio Lower Upper

77 100

97 22.9 11.8 35.4



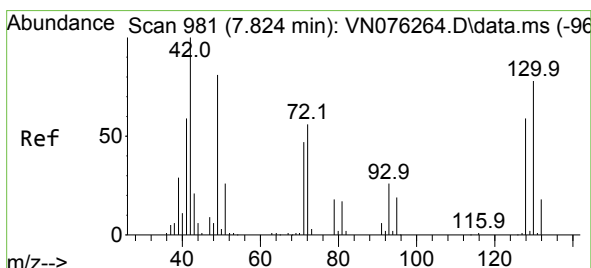
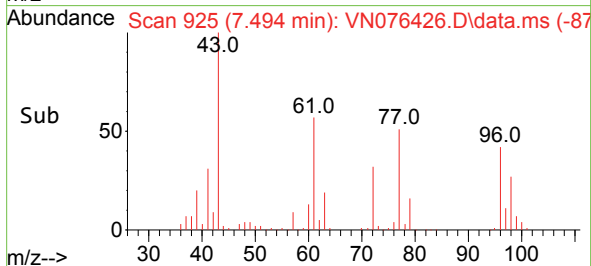
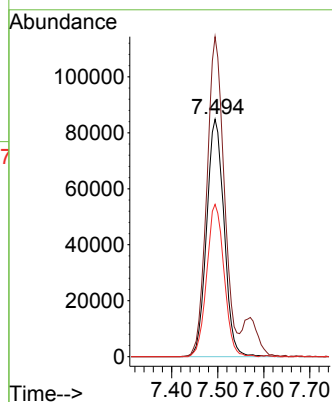
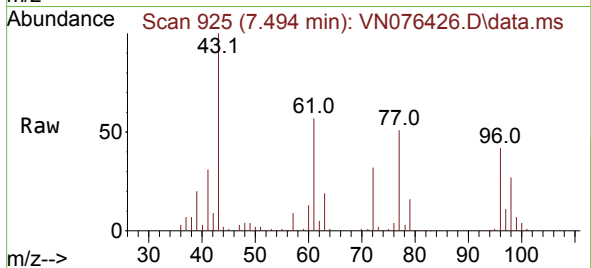


#27
 cis-1,2-Dichloroethene
 Concen: 47.589 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN076426.D
 Acq: 26 Jan 2023 17:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 224161

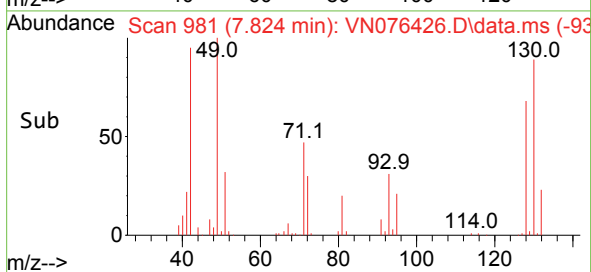
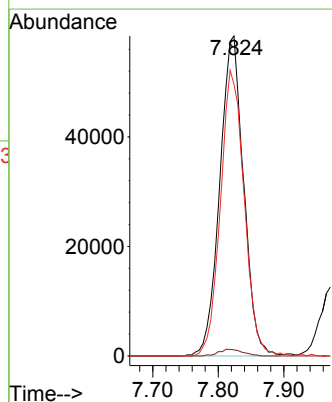
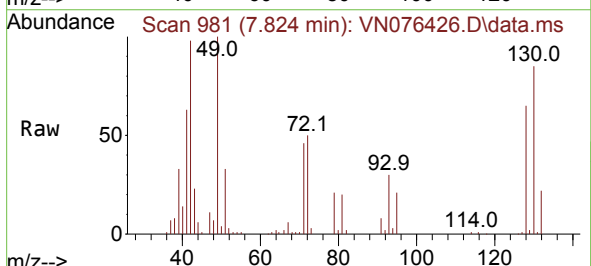
Ion	Ratio	Lower	Upper
96	100		
61	134.2	0.0	259.6
98	63.9	0.0	129.4

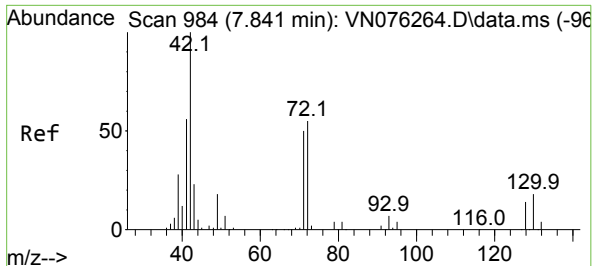


#28
 Bromochloromethane
 Concen: 53.204 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. -0.000 min
 Lab File: VN076426.D
 Acq: 26 Jan 2023 17:37

Tgt Ion: 49 Resp: 147268

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	5.2
130	88.9	76.0	114.0





#29

Tetrahydrofuran

Concen: 258.556 ug/l

RT: 7.847 min Scan# 984

Delta R.T. 0.006 min

Lab File: VN076426.D

Acq: 26 Jan 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

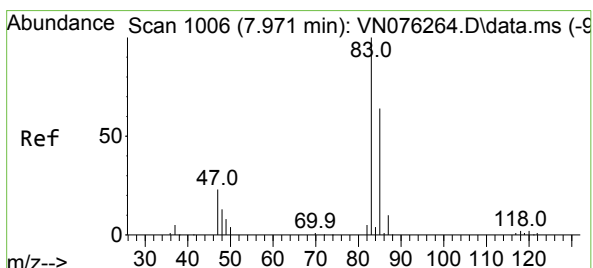
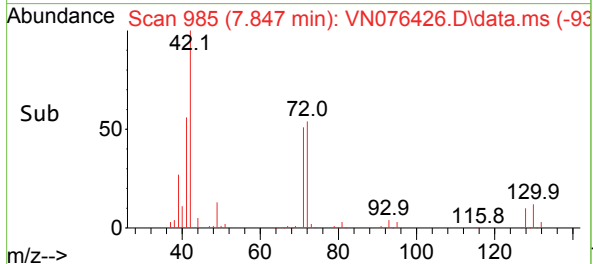
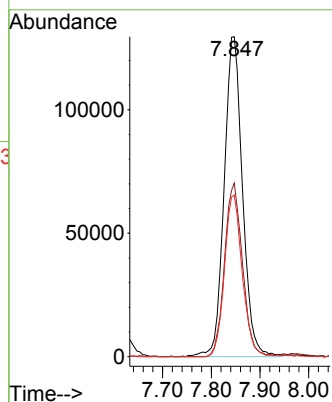
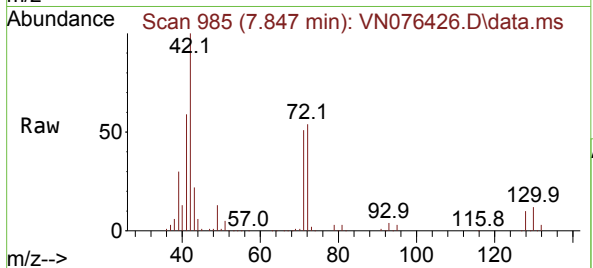
Tgt Ion: 42 Resp: 340485

Ion Ratio Lower Upper

42 100

72 53.1 44.0 66.0

71 48.9 41.1 61.7



#30

Chloroform

Concen: 49.872 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN076426.D

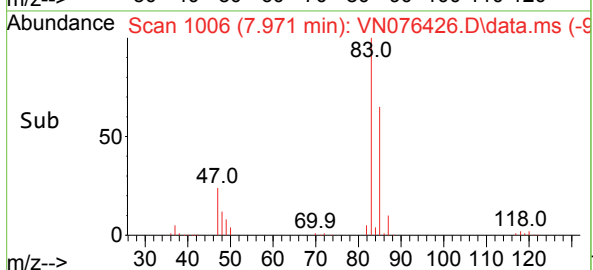
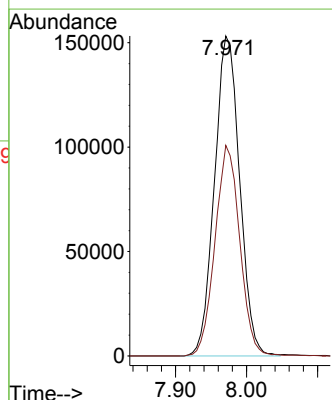
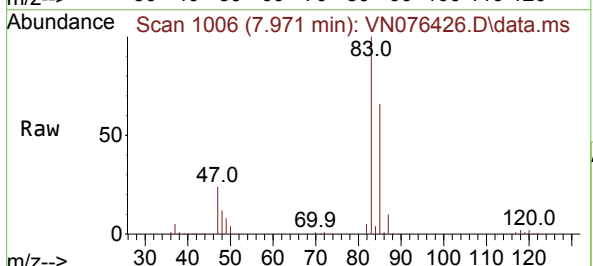
Acq: 26 Jan 2023 17:37

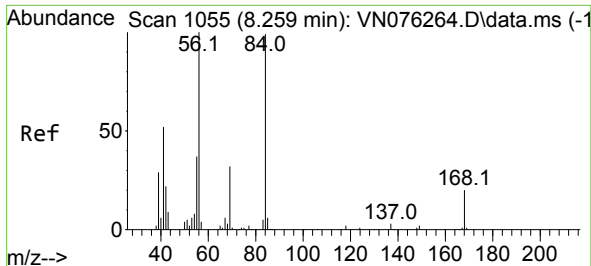
Tgt Ion: 83 Resp: 376857

Ion Ratio Lower Upper

83 100

85 65.8 51.0 76.6

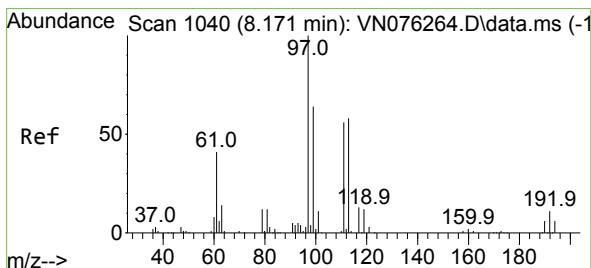
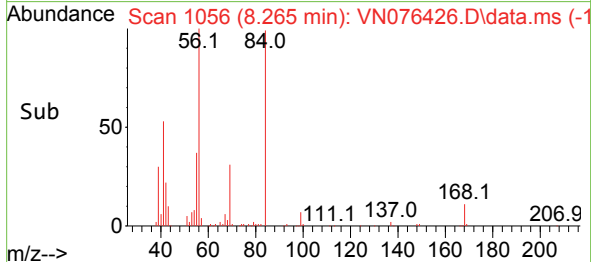
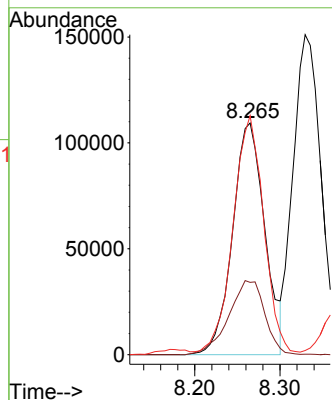
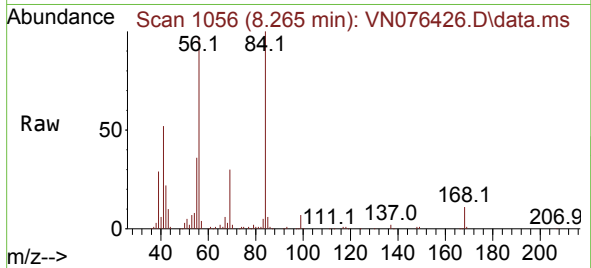




#31
Cyclohexane
Concen: 42.930 ug/l
RT: 8.265 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

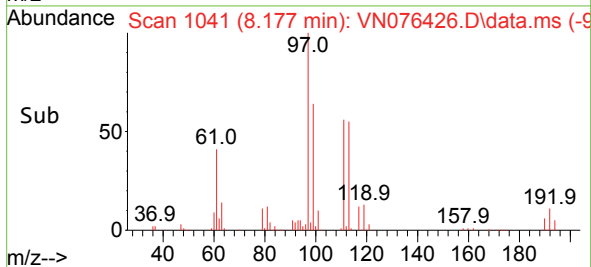
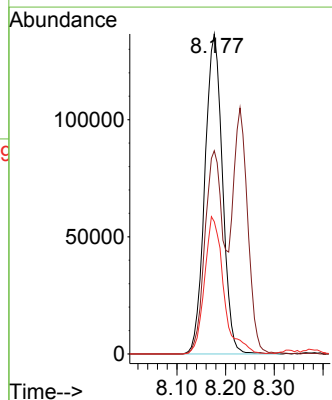
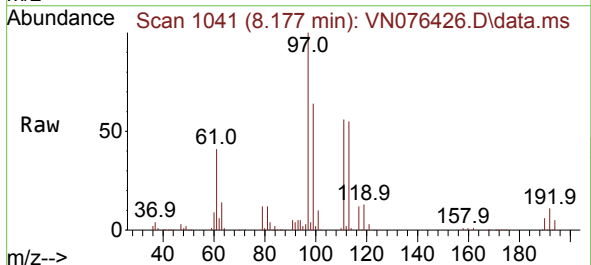
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

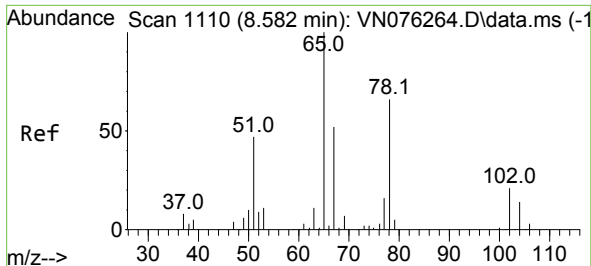
Tgt Ion: 56 Resp: 287398
Ion Ratio Lower Upper
56 100
69 31.2 25.8 38.8
84 101.3 79.0 118.4



#32
1,1,1-Trichloroethane
Concen: 49.632 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

Tgt Ion: 97 Resp: 342410
Ion Ratio Lower Upper
97 100
99 67.5 55.0 82.4
61 46.6 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 50.409 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076426.D

Acq: 26 Jan 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

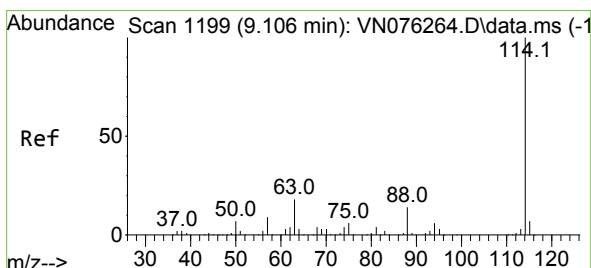
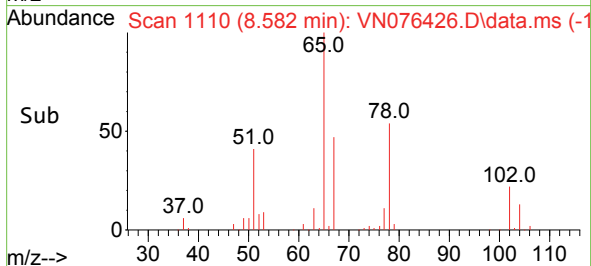
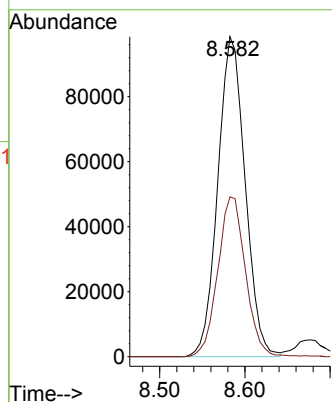
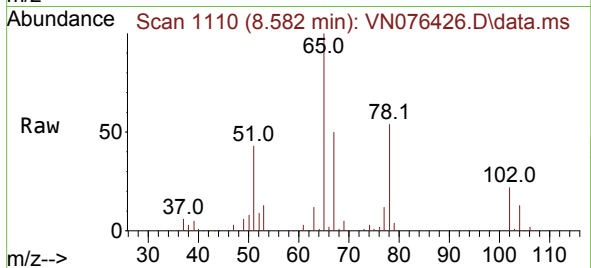
VSTDCCC050EC

Tgt Ion: 65 Resp: 219679

Ion Ratio Lower Upper

65 100

67 50.5 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076426.D

Acq: 26 Jan 2023 17:37

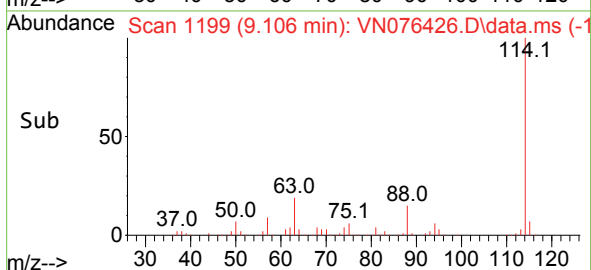
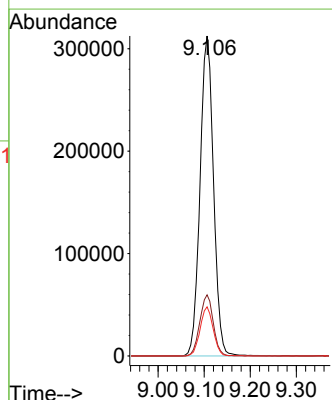
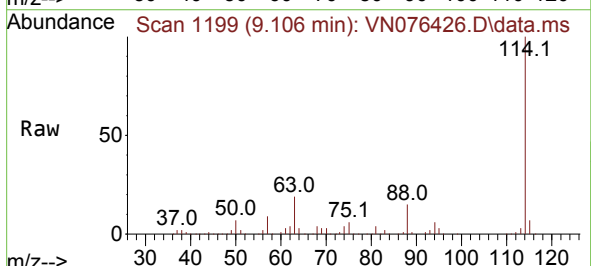
Tgt Ion: 114 Resp: 637917

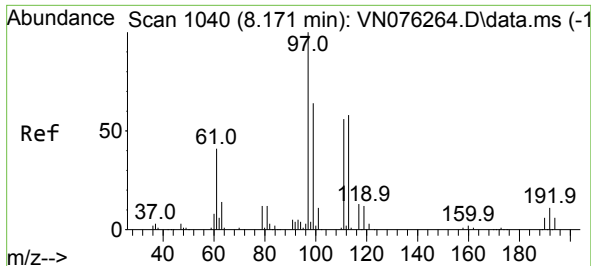
Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.8

88 15.4 0.0 28.0





#35

Dibromofluoromethane

Concen: 46.853 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076426.D

Acq: 26 Jan 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

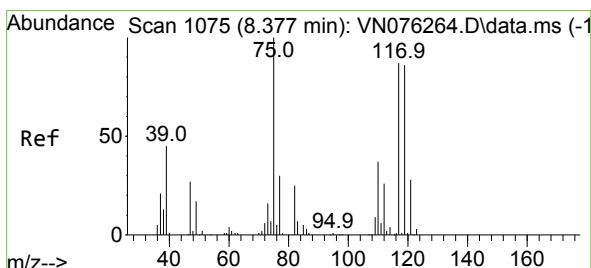
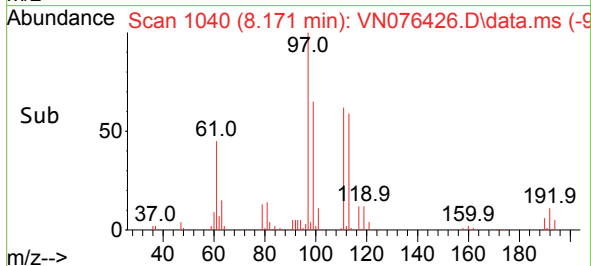
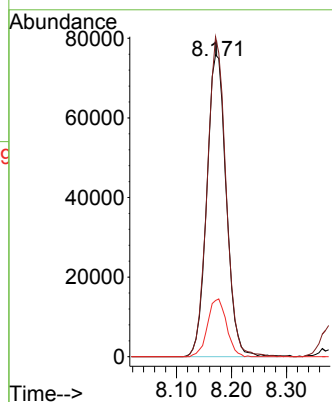
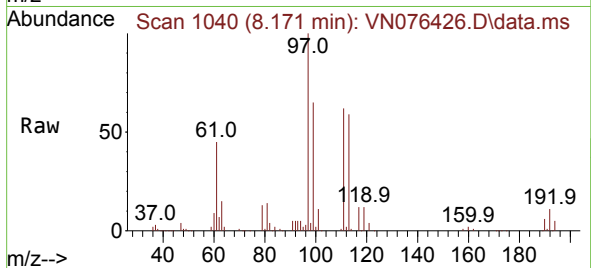
Tgt Ion:113 Resp: 186965

Ion Ratio Lower Upper

113 100

111 102.4 82.7 124.1

192 18.6 15.6 23.4



#36

1,1-Dichloropropene

Concen: 46.671 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN076426.D

Acq: 26 Jan 2023 17:37

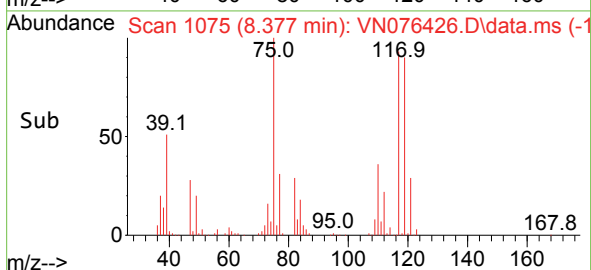
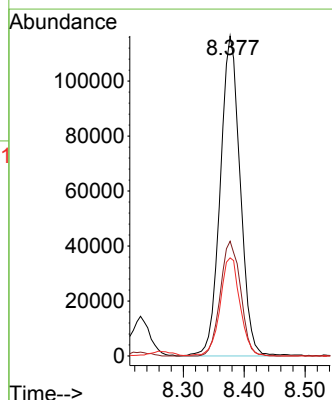
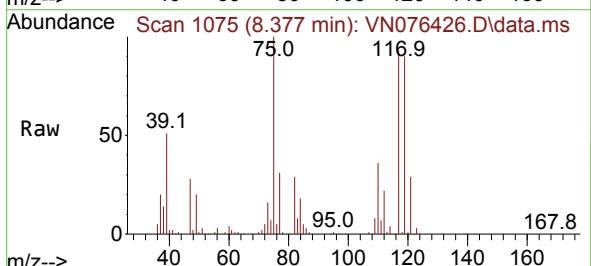
Tgt Ion: 75 Resp: 264640

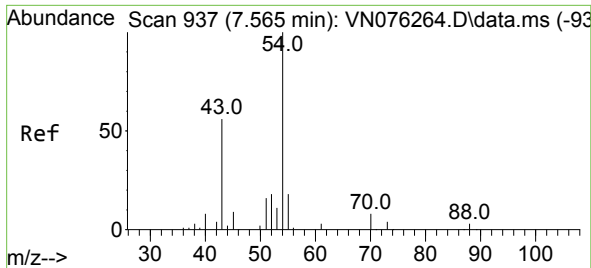
Ion Ratio Lower Upper

75 100

110 36.5 18.8 56.3

77 30.8 25.0 37.4

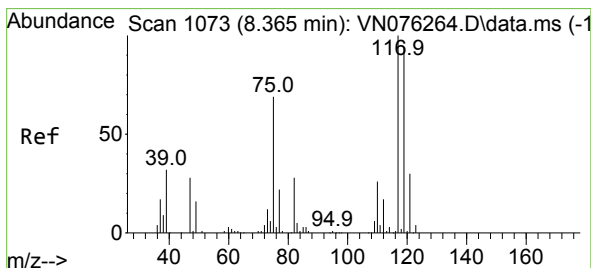
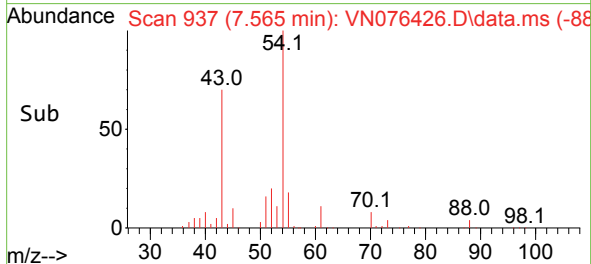
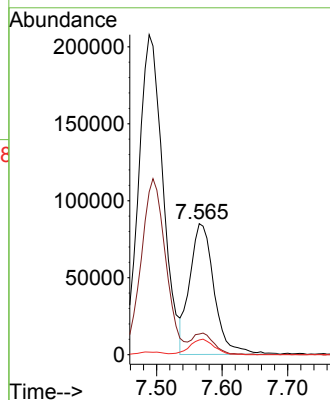
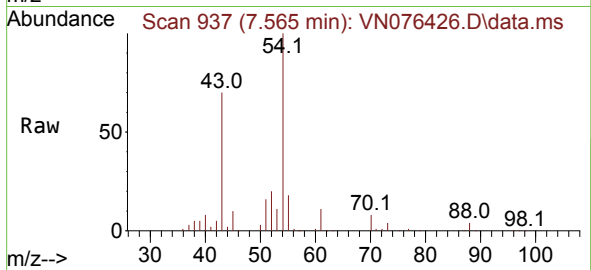




#37
Ethyl Acetate
Concen: 48.132 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

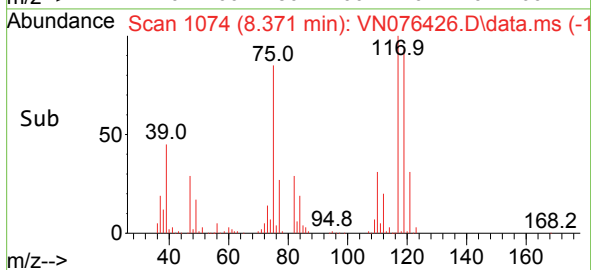
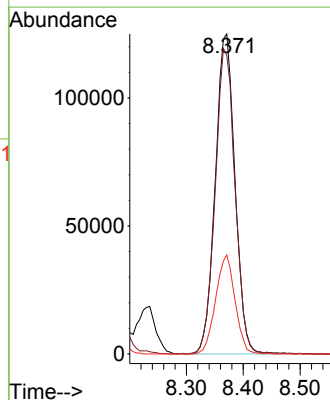
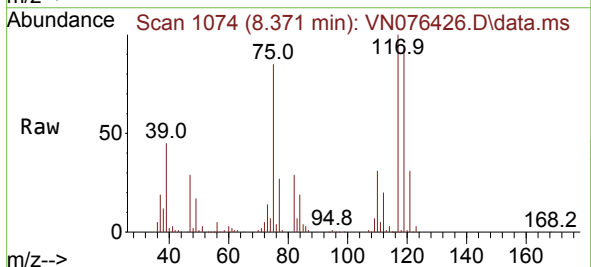
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

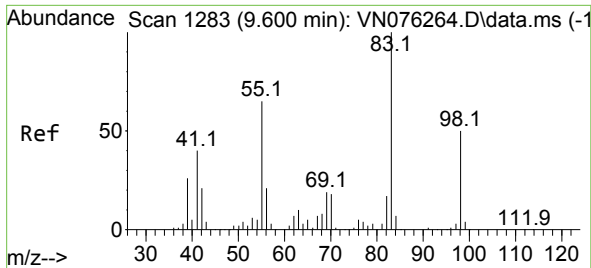
Tgt Ion: 43 Resp: 218902
Ion Ratio Lower Upper
43 100
61 14.8 11.1 16.7
70 11.9 10.0 15.0



#38
Carbon Tetrachloride
Concen: 47.636 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

Tgt Ion: 117 Resp: 301215
Ion Ratio Lower Upper
117 100
119 93.2 75.4 113.0
121 31.0 24.2 36.2

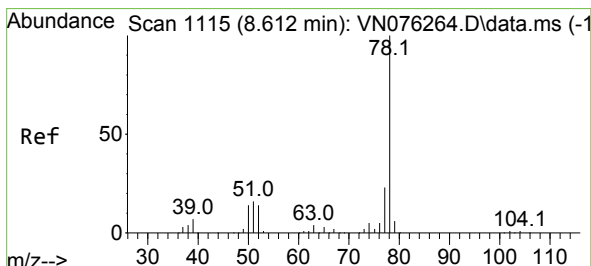
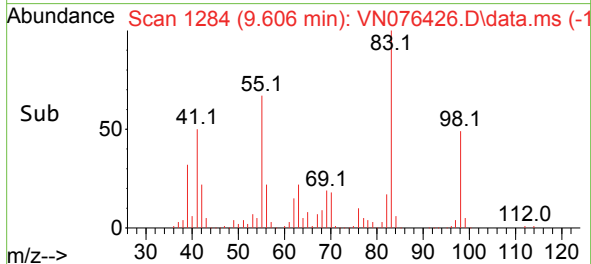
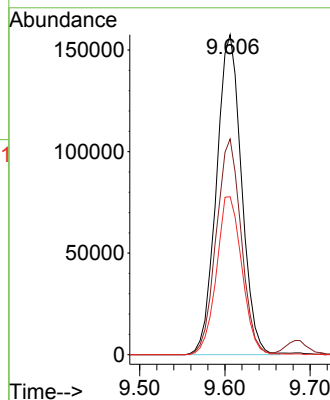
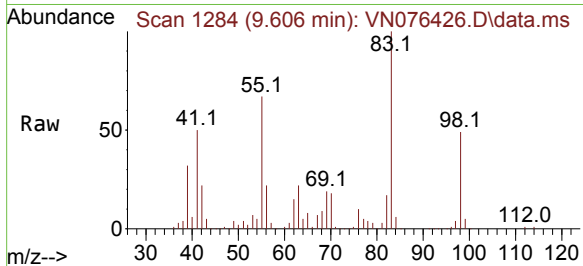




#39
Methylcyclohexane
Concen: 46.457 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

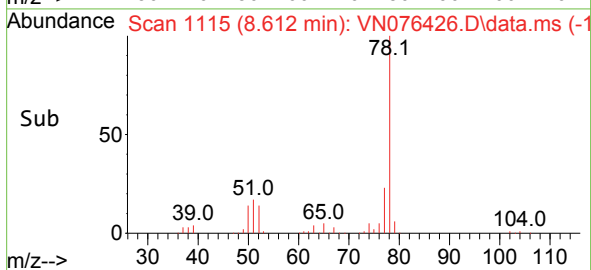
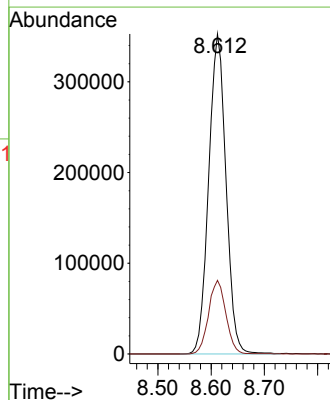
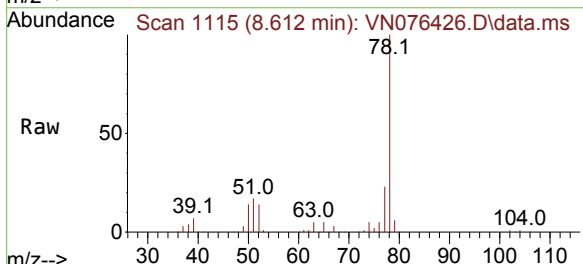
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

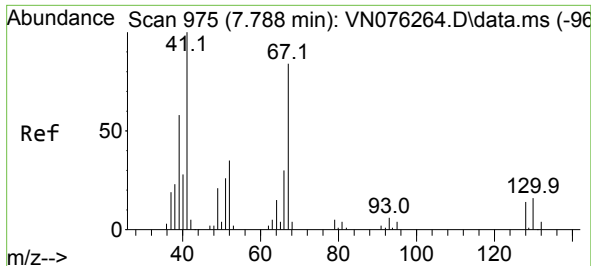
Tgt Ion: 83 Resp: 321689
Ion Ratio Lower Upper
83 100
55 67.4 51.7 77.5
98 49.3 40.0 60.0



#40
Benzene
Concen: 46.865 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

Tgt Ion: 78 Resp: 794605
Ion Ratio Lower Upper
78 100
77 23.0 18.6 28.0

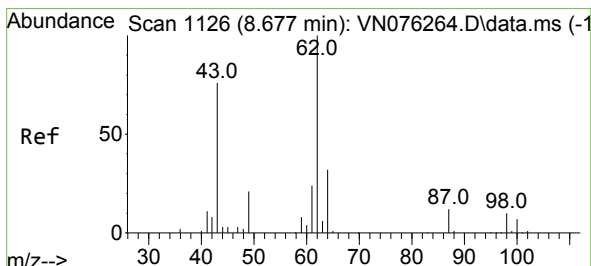
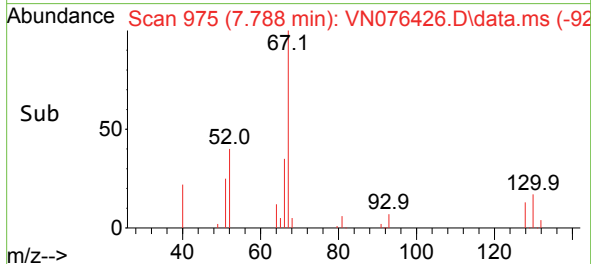
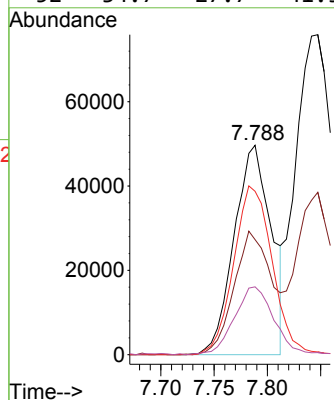
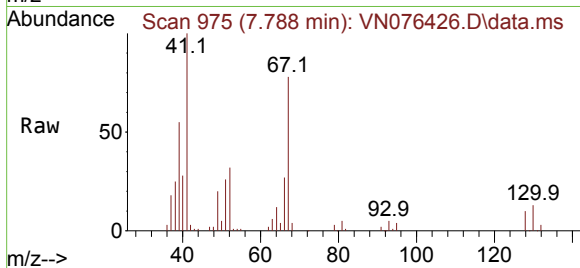




#41
Methacrylonitrile
Concen: 50.653 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

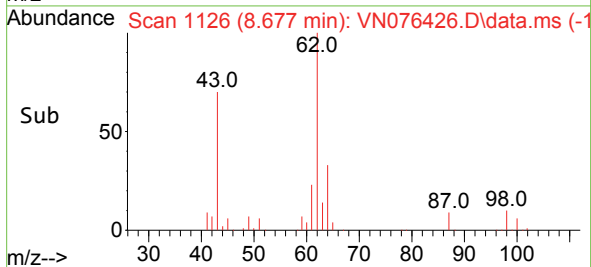
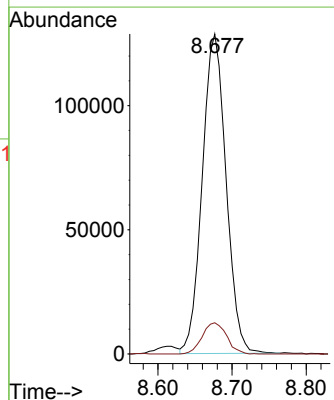
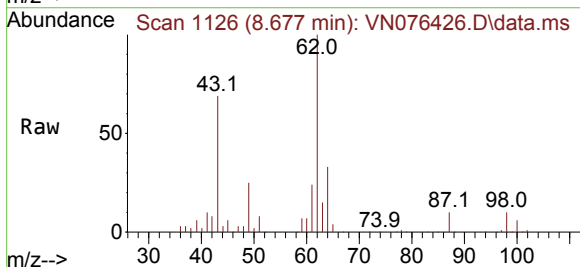
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

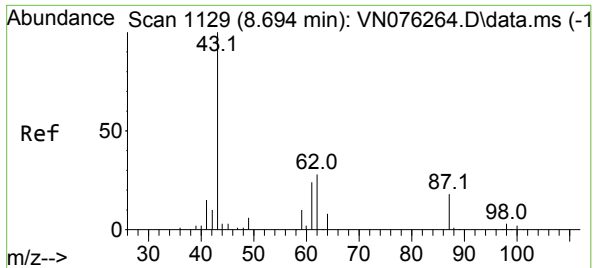
Tgt Ion:	41	Resp:	120624
Ion	Ratio	Lower	Upper
41	100		
39	59.0	42.4	63.6
67	83.6	68.8	103.2
52	34.7	27.7	41.5



#42
1,2-Dichloroethane
Concen: 49.562 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

Tgt Ion:	62	Resp:	287518
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.4

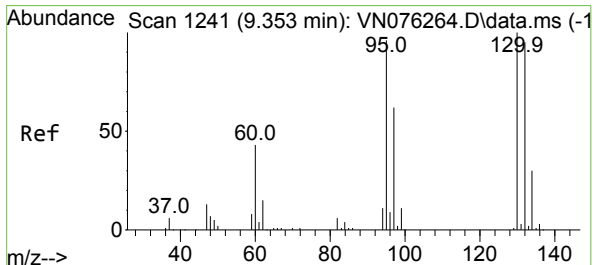
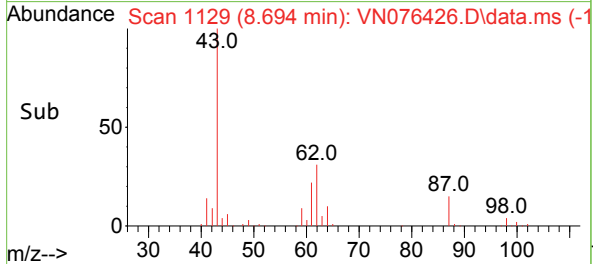
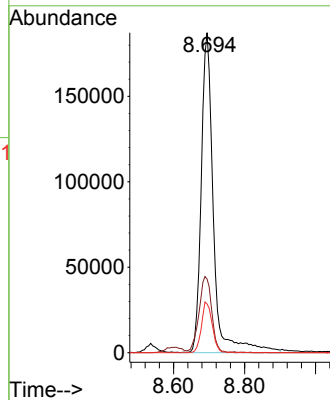
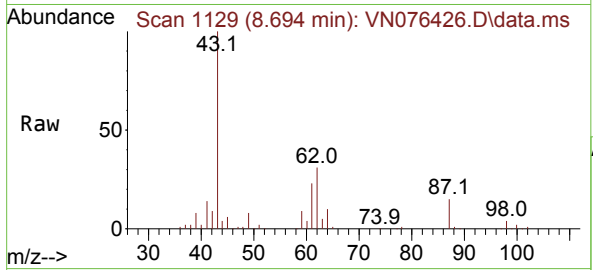




#43
Isopropyl Acetate
Concen: 60.560 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

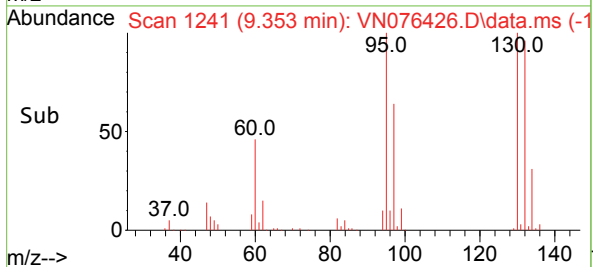
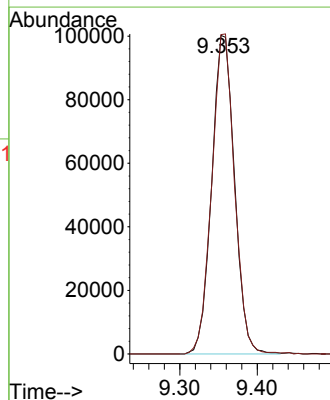
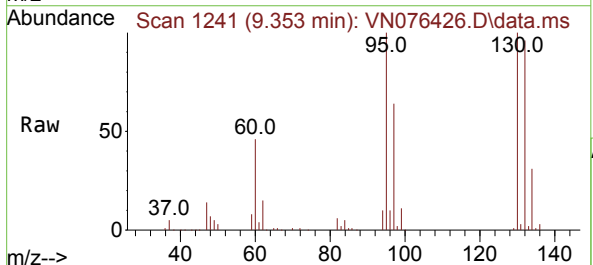
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

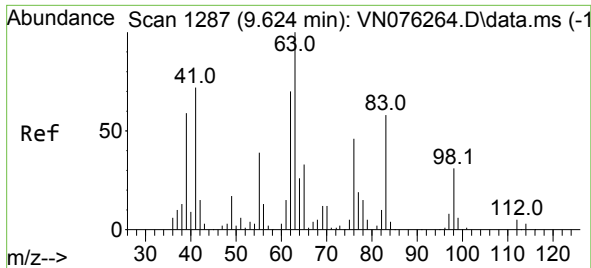
Tgt Ion: 43 Resp: 448075
Ion Ratio Lower Upper
43 100
61 24.4 23.5 35.3
87 14.0 13.8 20.6



#44
Trichloroethene
Concen: 42.709 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

Tgt Ion:130 Resp: 204810
Ion Ratio Lower Upper
130 100
95 100.2 0.0 192.0

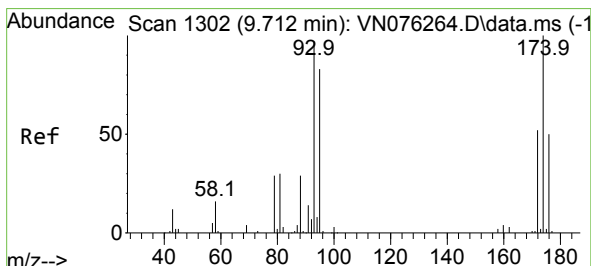
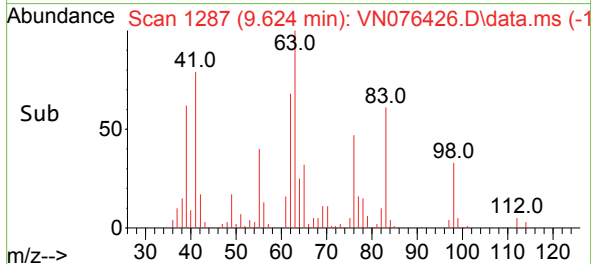
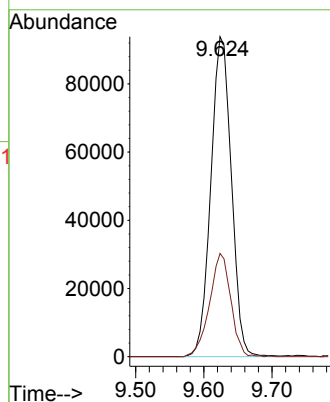
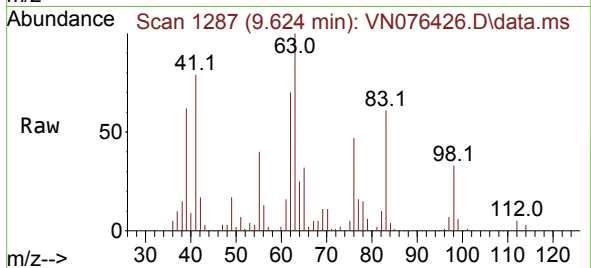




#45
1,2-Dichloropropane
Concen: 48.507 ug/l
RT: 9.624 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

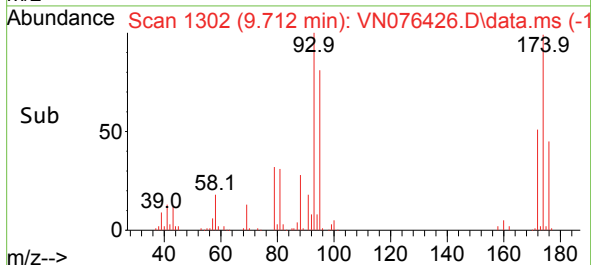
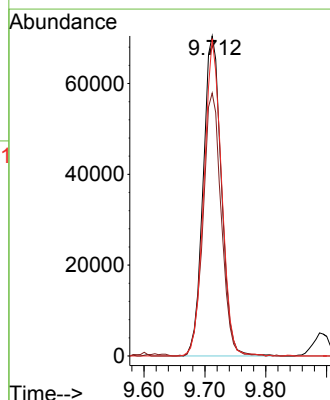
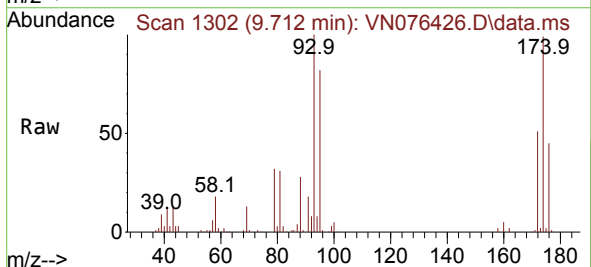
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

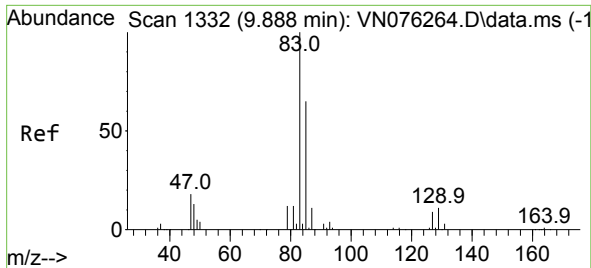
Tgt Ion: 63 Resp: 196910
Ion Ratio Lower Upper
63 100
65 32.3 26.4 39.6



#46
Dibromomethane
Concen: 47.820 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

Tgt Ion: 93 Resp: 146563
Ion Ratio Lower Upper
93 100
95 81.7 66.0 99.0
174 95.5 81.3 121.9

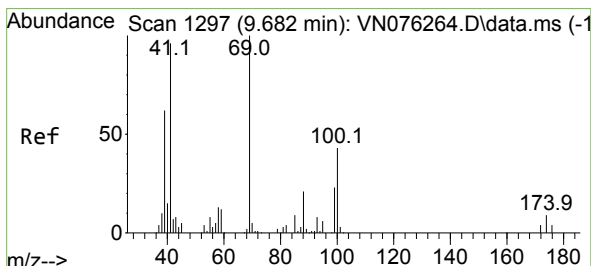
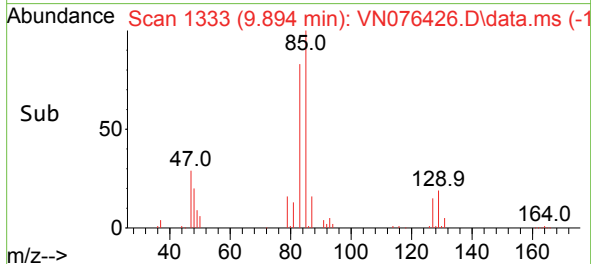
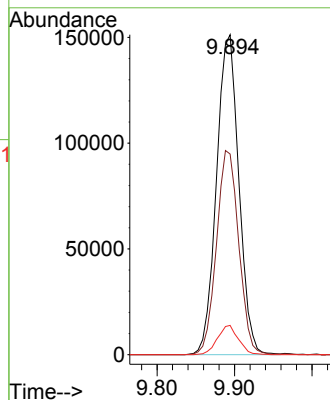
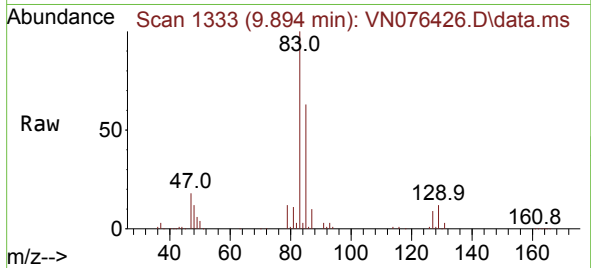




#47
Bromodichloromethane
Concen: 50.997 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

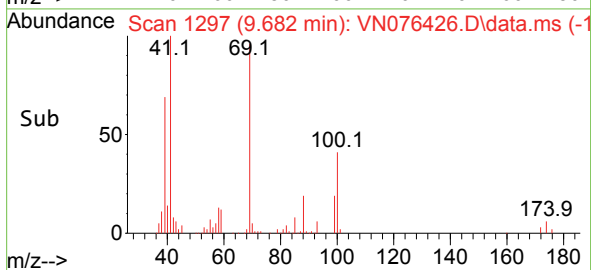
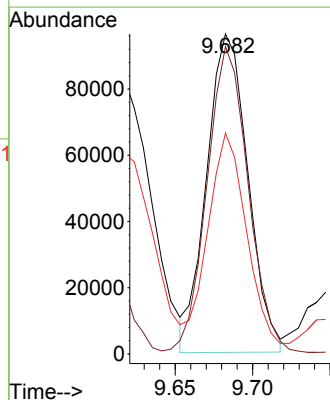
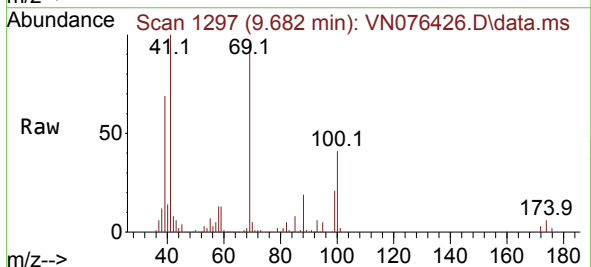
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

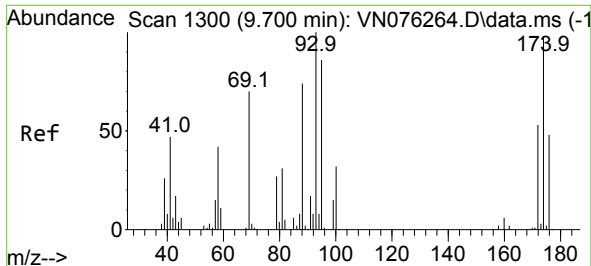
Tgt Ion: 83 Resp: 303152
Ion Ratio Lower Upper
83 100
85 62.7 52.1 78.1
127 9.2 7.4 11.0



#48
Methyl methacrylate
Concen: 50.940 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

Tgt Ion: 41 Resp: 178431
Ion Ratio Lower Upper
41 100
69 96.5 80.8 121.2
39 67.1 54.4 81.6





#49

1,4-Dioxane

Concen: 1018.941 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076426.D

Acq: 26 Jan 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

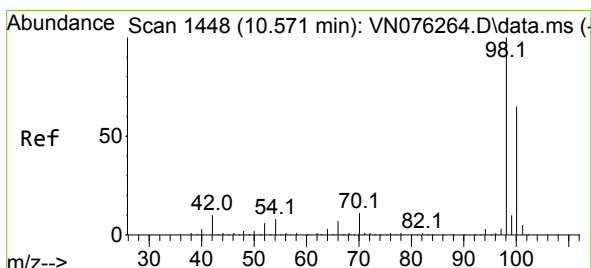
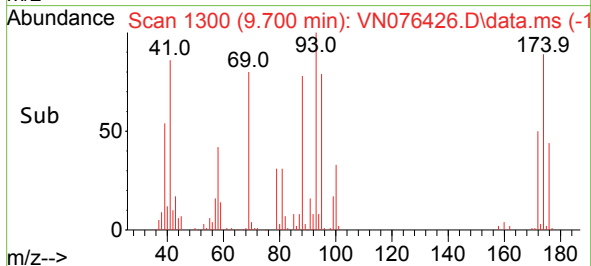
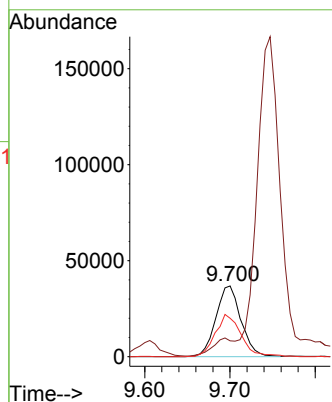
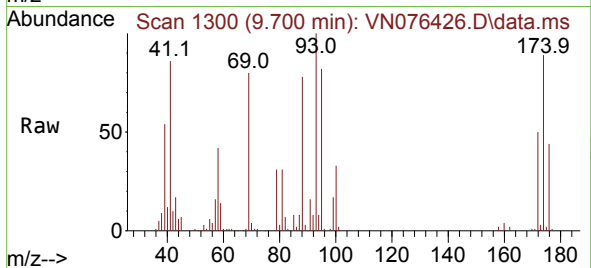
Tgt Ion: 88 Resp: 75310

Ion Ratio Lower Upper

88 100

43 21.8 18.1 27.1

58 61.7 46.5 69.7



#50

Toluene-d8

Concen: 46.683 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076426.D

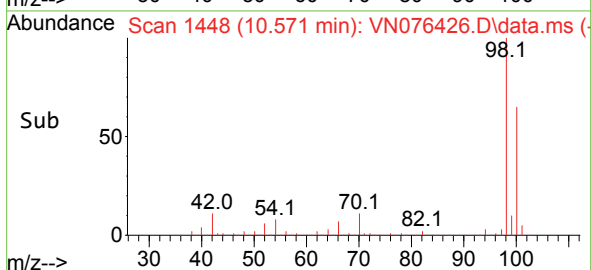
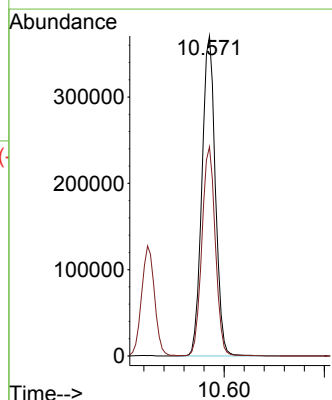
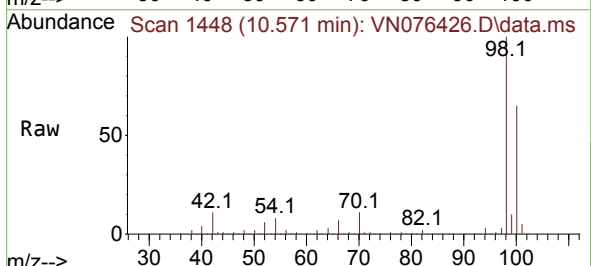
Acq: 26 Jan 2023 17:37

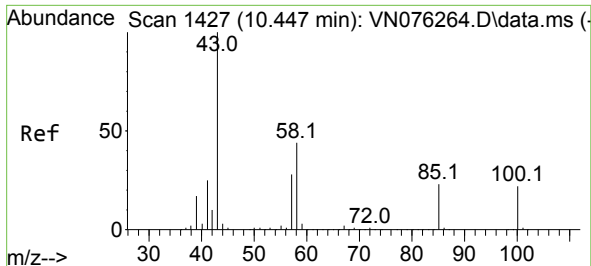
Tgt Ion: 98 Resp: 687972

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 259.706 ug/l

RT: 10.447 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VN076426.D

Acq: 26 Jan 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

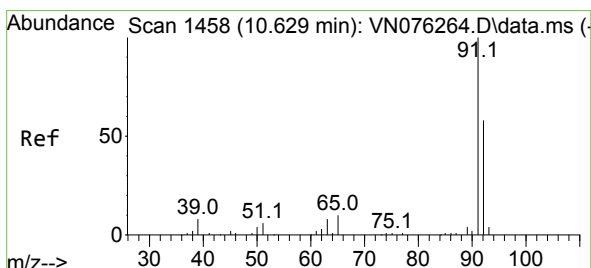
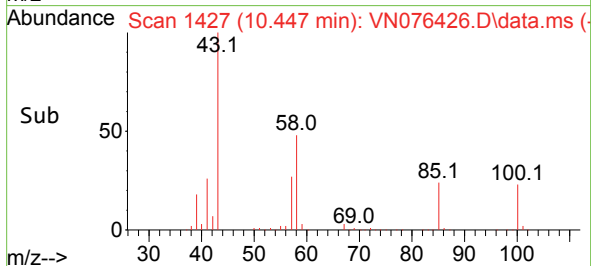
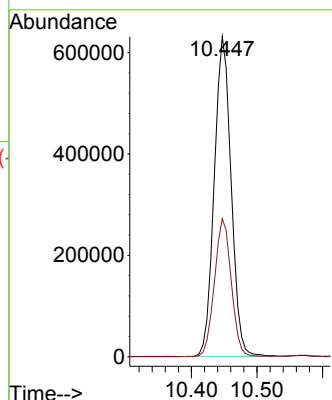
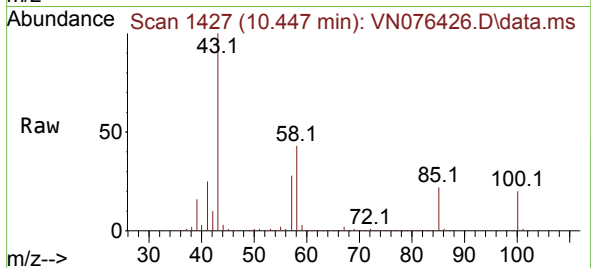
VSTDCCC050EC

Tgt Ion: 43 Resp: 1128012

Ion Ratio Lower Upper

43 100

58 42.9 35.1 52.7



#52

Toluene

Concen: 47.109 ug/l

RT: 10.635 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VN076426.D

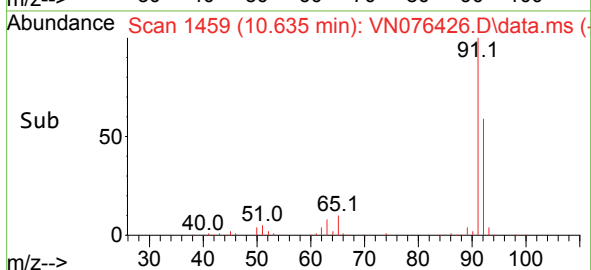
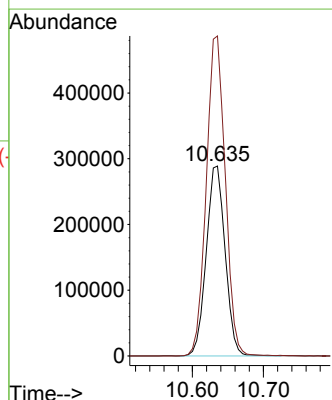
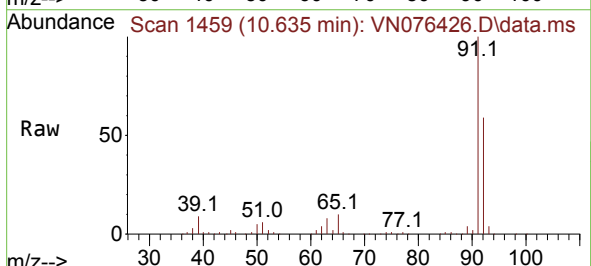
Acq: 26 Jan 2023 17:37

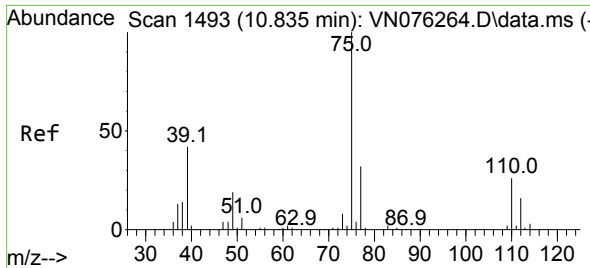
Tgt Ion: 92 Resp: 534149

Ion Ratio Lower Upper

92 100

91 169.4 136.6 205.0

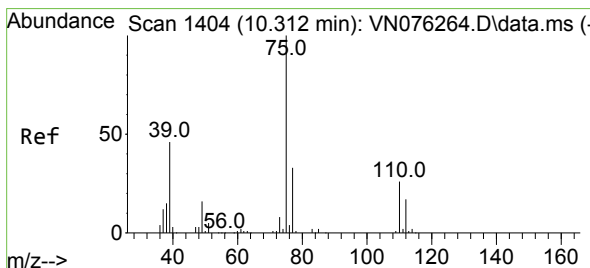
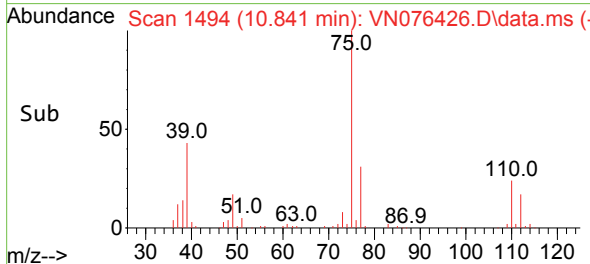
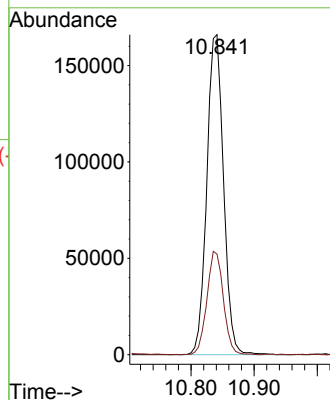
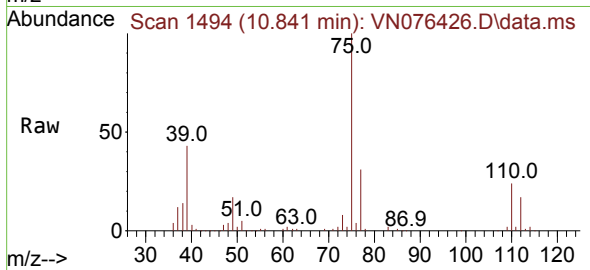




#53
t-1,3-Dichloropropene
Concen: 53.920 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

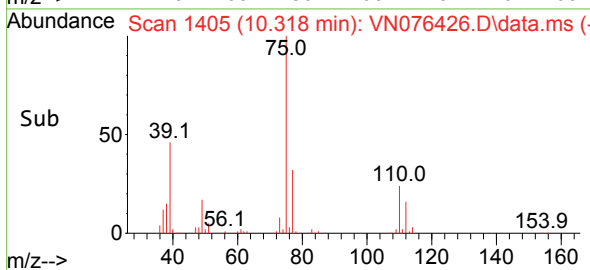
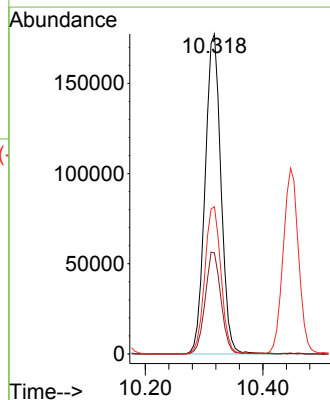
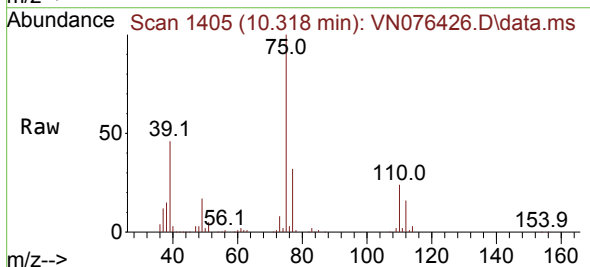
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

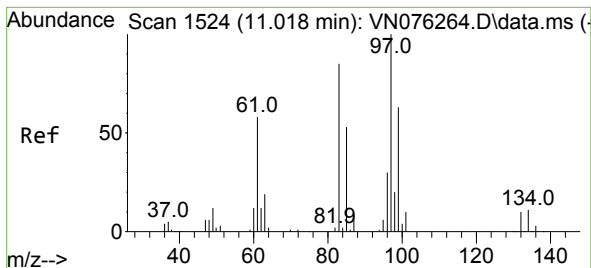
Tgt Ion: 75 Resp: 305549
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 50.929 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

Tgt Ion: 75 Resp: 332024
Ion Ratio Lower Upper
75 100
77 31.6 26.5 39.7
39 46.0 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 48.592 ug/l

RT: 11.018 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076426.D

Acq: 26 Jan 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 210599

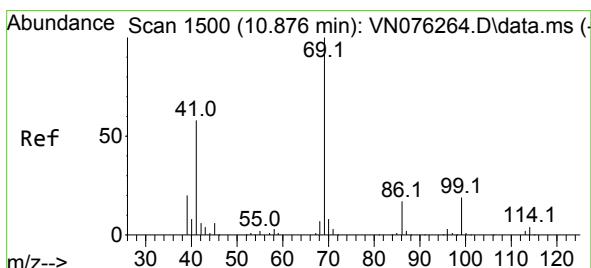
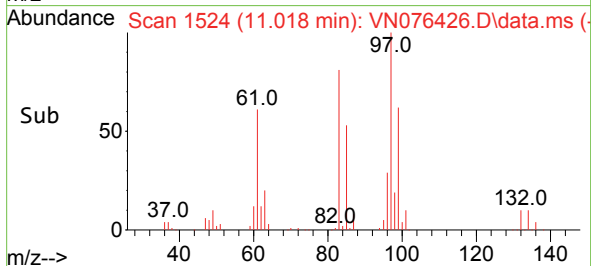
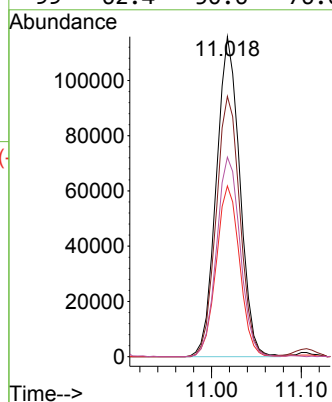
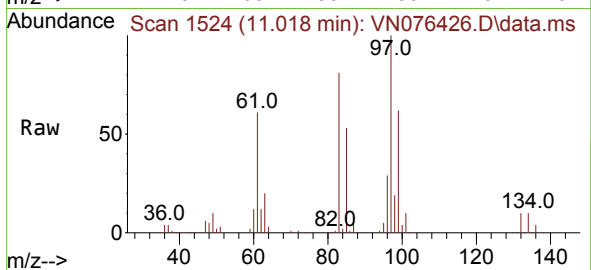
Ion Ratio Lower Upper

97 100

83 81.3 67.8 101.6

85 53.4 42.3 63.5

99 62.4 50.6 76.0



#56

Ethyl methacrylate

Concen: 53.857 ug/l

RT: 10.876 min Scan# 1500

Delta R.T. 0.000 min

Lab File: VN076426.D

Acq: 26 Jan 2023 17:37

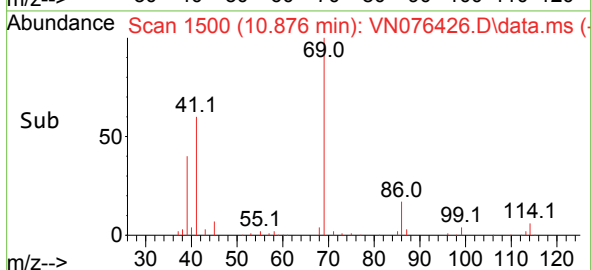
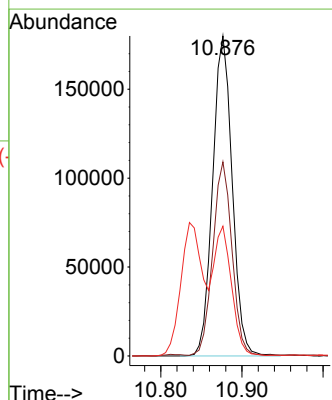
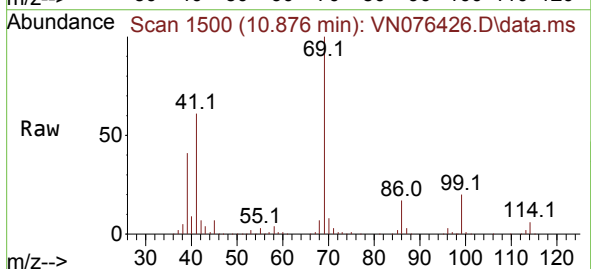
Tgt Ion: 69 Resp: 301342

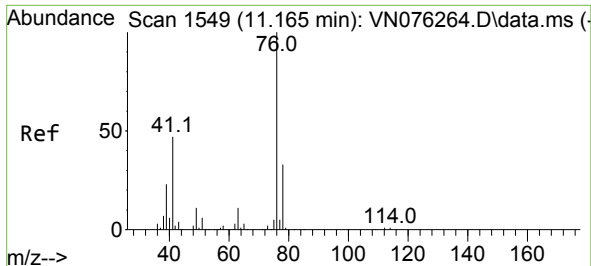
Ion Ratio Lower Upper

69 100

41 59.0 45.3 67.9

39 36.4 29.3 43.9





#57

1,3-Dichloropropane

Concen: 48.832 ug/l

RT: 11.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076426.D

Acq: 26 Jan 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

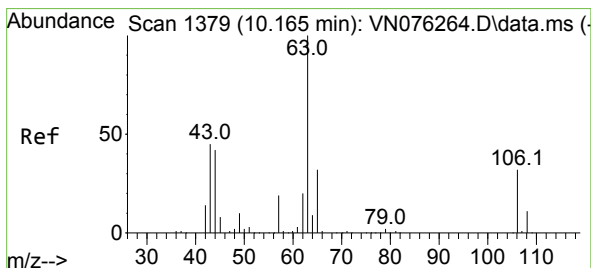
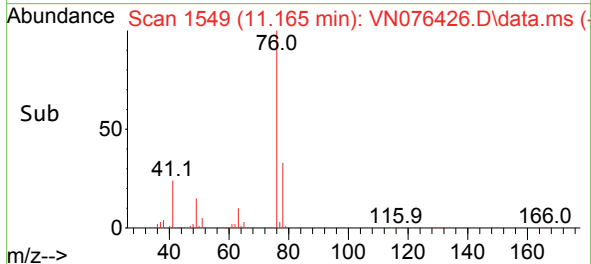
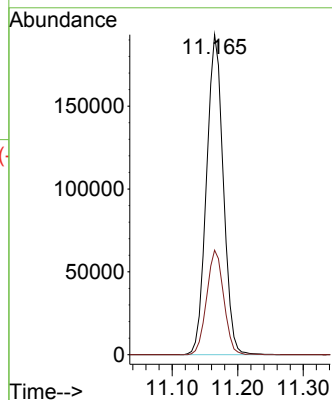
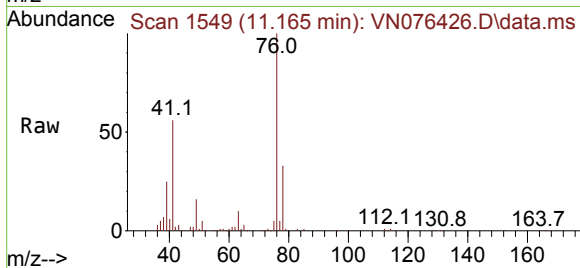
VSTDCCC050EC

Tgt Ion: 76 Resp: 343924

Ion Ratio Lower Upper

76 100

78 33.2 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 259.857 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076426.D

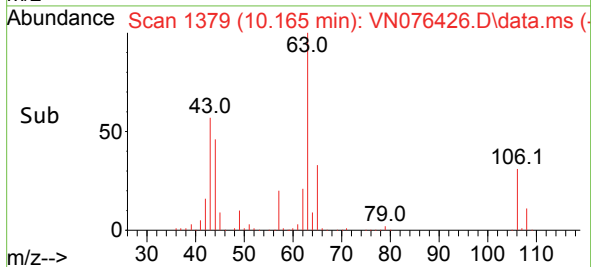
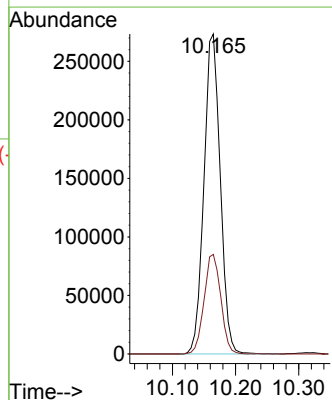
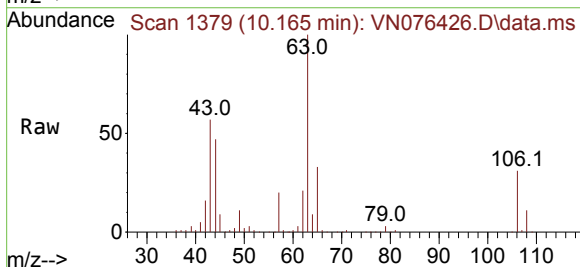
Acq: 26 Jan 2023 17:37

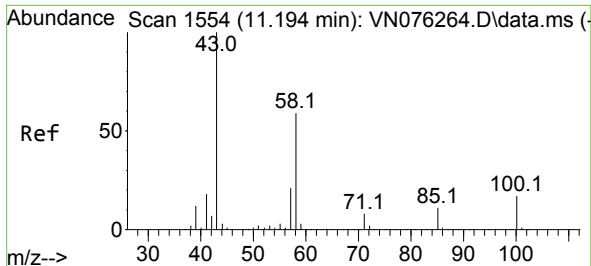
Tgt Ion: 63 Resp: 490848

Ion Ratio Lower Upper

63 100

106 31.8 26.2 39.2

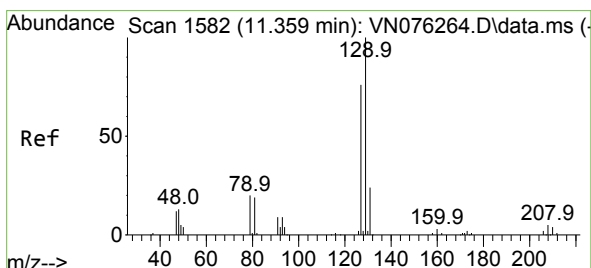
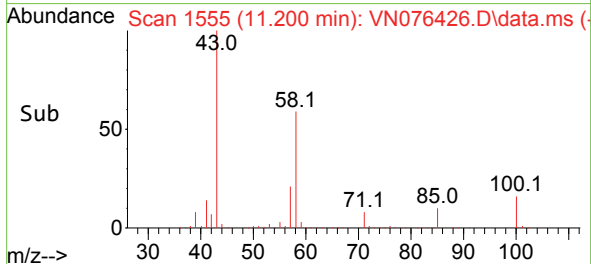
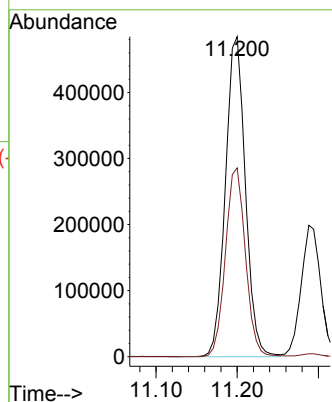
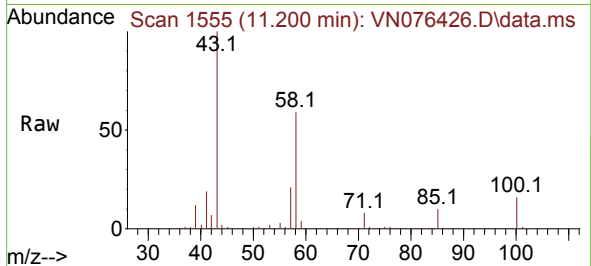




#59
2-Hexanone
Concen: 263.096 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

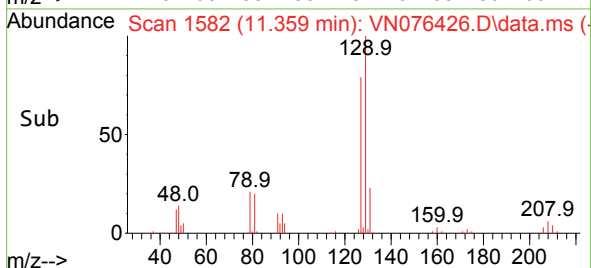
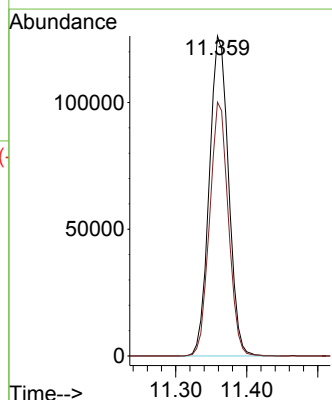
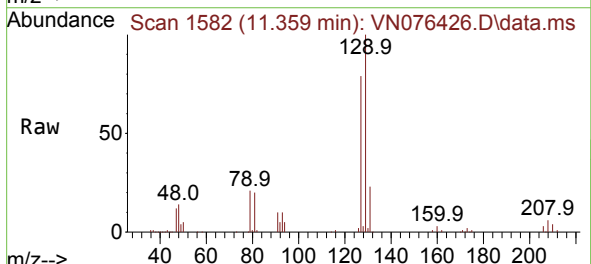
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

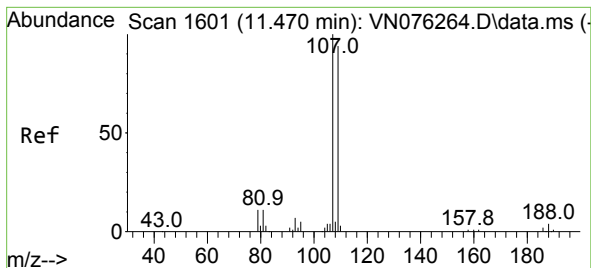
Tgt Ion: 43 Resp: 828093
Ion Ratio Lower Upper
43 100
58 59.2 30.1 90.3



#60
Dibromochloromethane
Concen: 52.090 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

Tgt Ion: 129 Resp: 237648
Ion Ratio Lower Upper
129 100
127 76.9 38.7 116.1

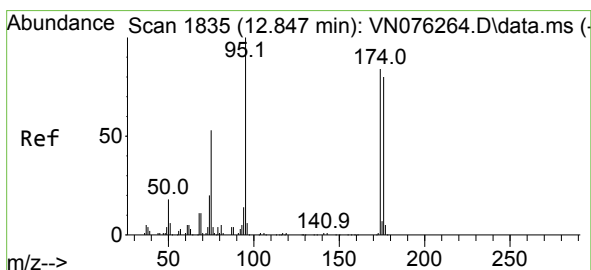
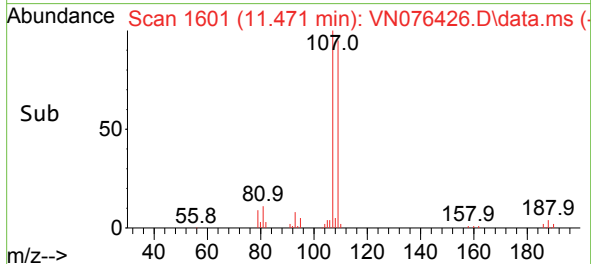
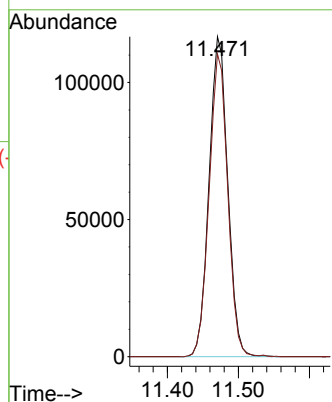
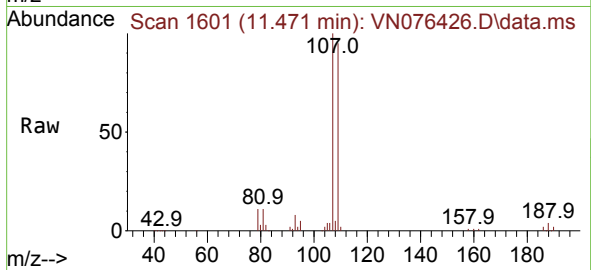




#61
1,2-Dibromoethane
Concen: 49.265 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.001 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

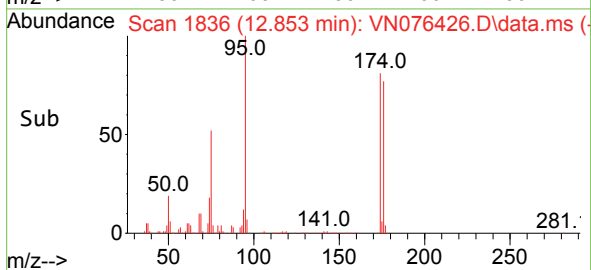
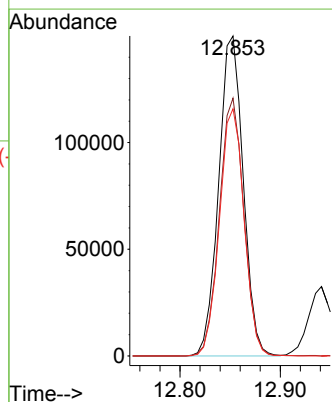
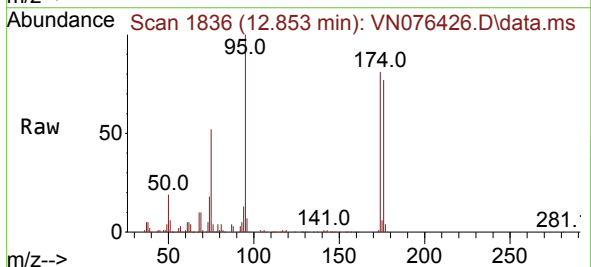
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

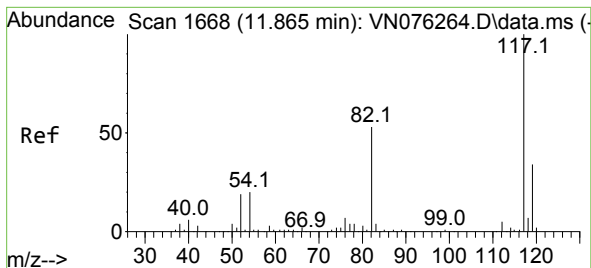
Tgt Ion:107 Resp: 213123
Ion Ratio Lower Upper
107 100
109 94.3 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 52.854 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

Tgt Ion: 95 Resp: 254281
Ion Ratio Lower Upper
95 100
174 80.2 0.0 174.6
176 77.6 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076426.D

Acq: 26 Jan 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

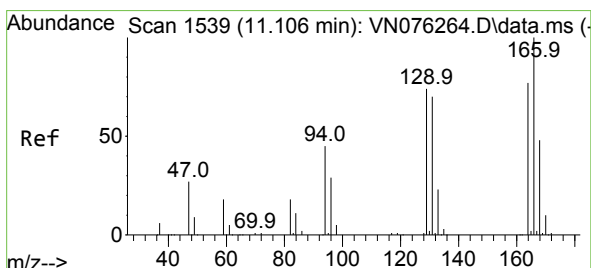
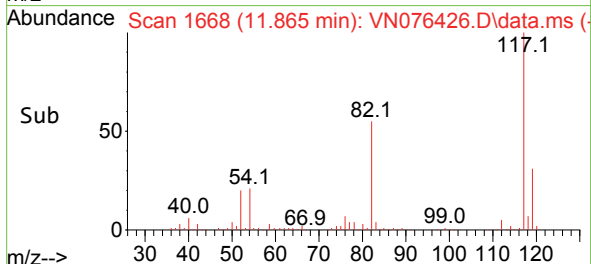
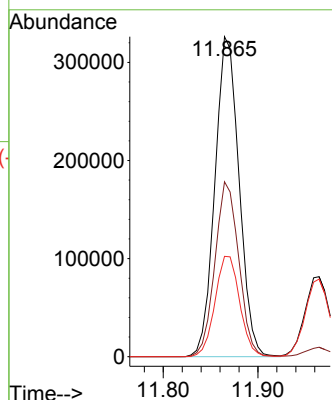
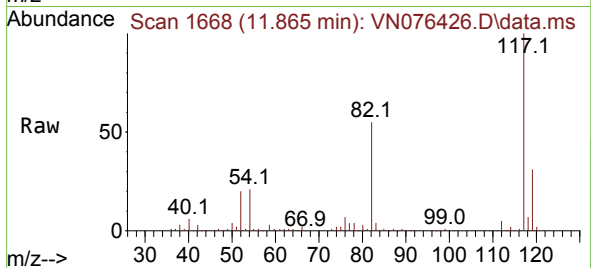
Tgt Ion:117 Resp: 579074

Ion Ratio Lower Upper

117 100

82 54.7 42.2 63.2

119 31.3 26.9 40.3



#64

Tetrachloroethene

Concen: 38.069 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN076426.D

Acq: 26 Jan 2023 17:37

Tgt Ion:164 Resp: 198803

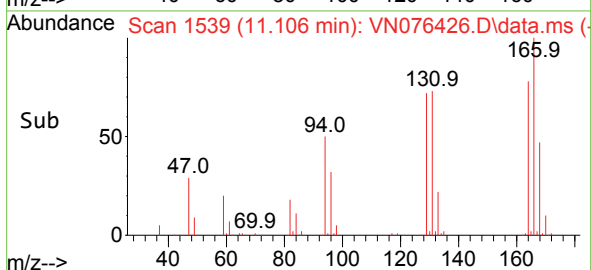
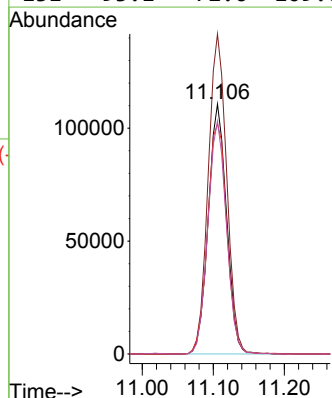
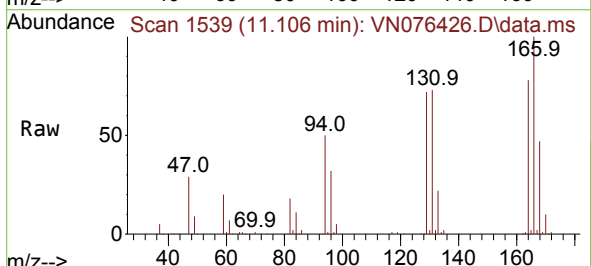
Ion Ratio Lower Upper

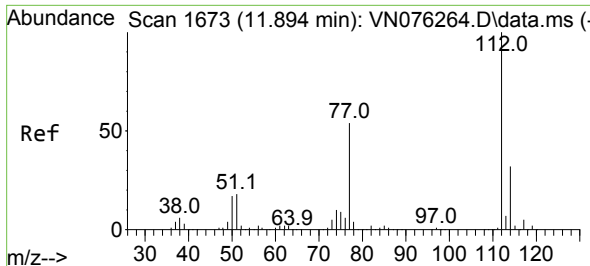
164 100

166 128.1 104.0 156.0

129 92.0 76.6 114.8

131 93.1 72.6 109.0

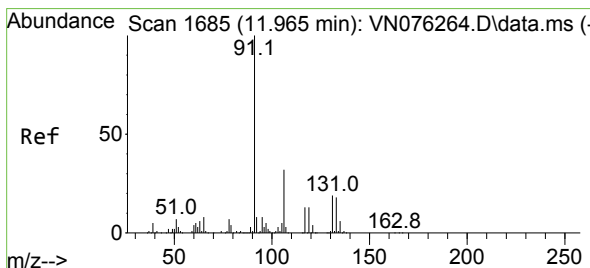
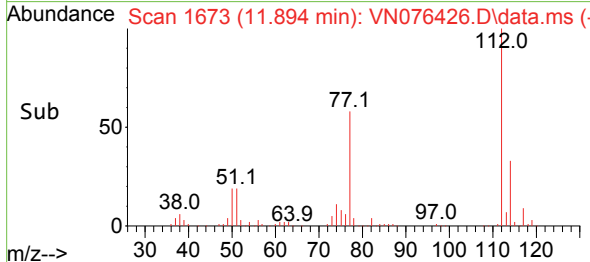
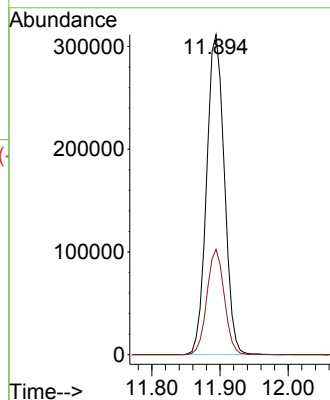
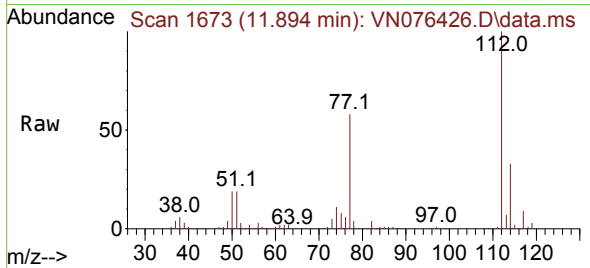




#65
Chlorobenzene
Concen: 46.130 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

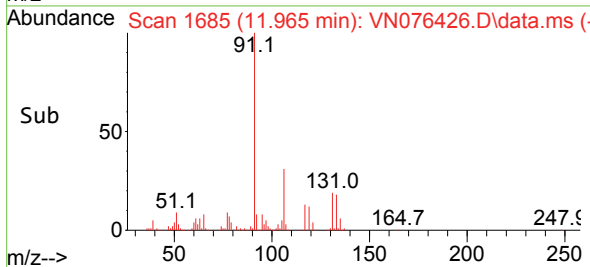
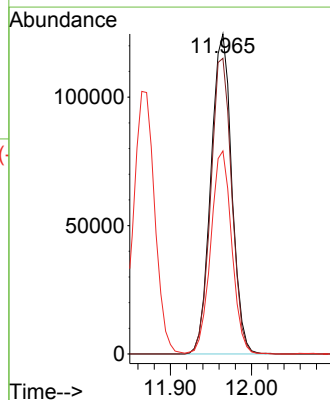
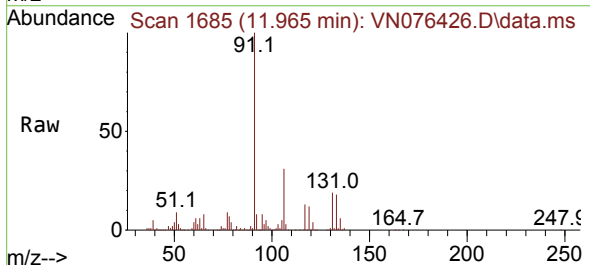
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

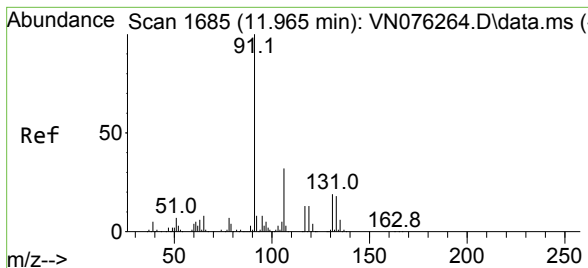
Tgt Ion:112 Resp: 564673
Ion Ratio Lower Upper
112 100
114 32.9 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 48.896 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

Tgt Ion:131 Resp: 222691
Ion Ratio Lower Upper
131 100
133 93.1 47.4 142.2
119 63.7 32.3 96.8





#67

Ethyl Benzene

Concen: 50.203 ug/l

RT: 11.965 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076426.D

Acq: 26 Jan 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

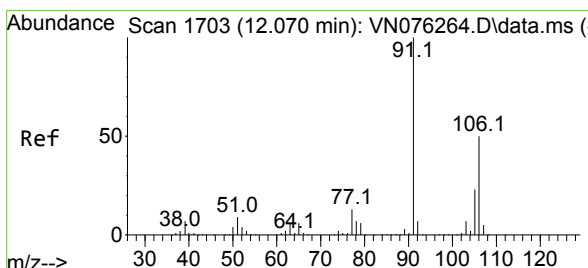
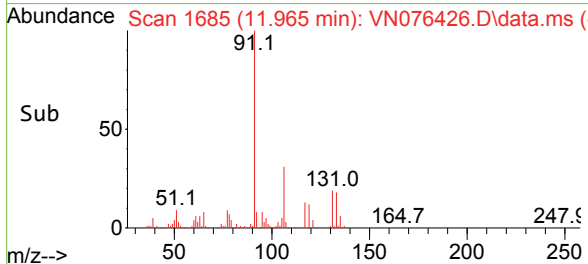
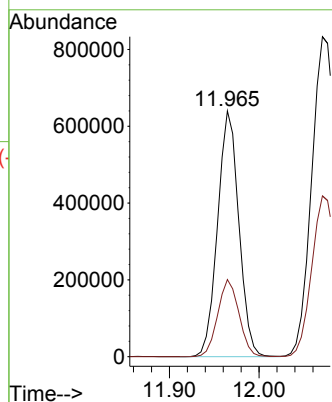
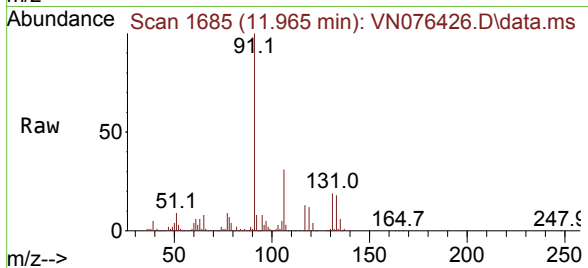
VSTDCCC050EC

Tgt Ion: 91 Resp: 1051762

Ion Ratio Lower Upper

91 100

106 31.4 25.5 38.3



#68

m/p-Xylenes

Concen: 97.664 ug/l

RT: 12.071 min Scan# 1703

Delta R.T. 0.001 min

Lab File: VN076426.D

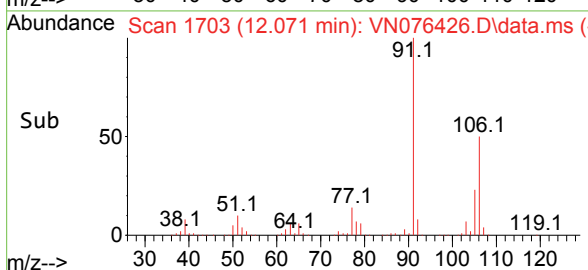
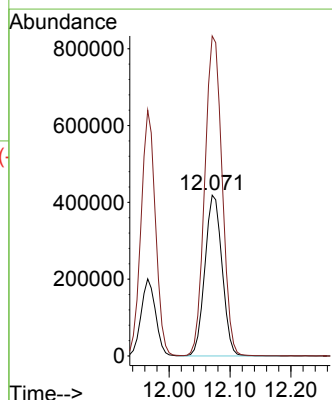
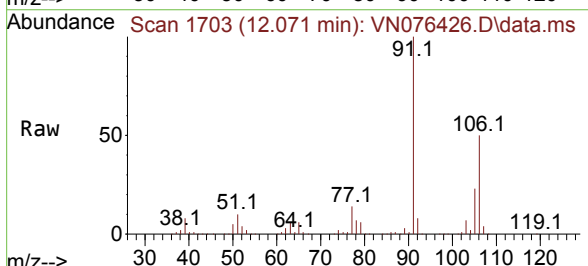
Acq: 26 Jan 2023 17:37

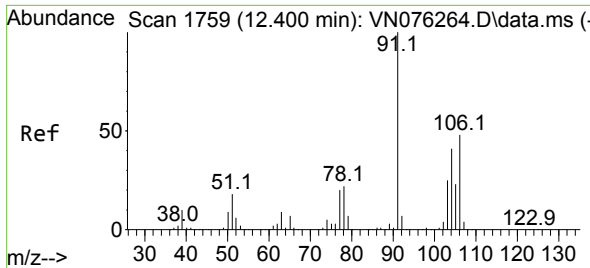
Tgt Ion:106 Resp: 820446

Ion Ratio Lower Upper

106 100

91 200.3 157.5 236.3

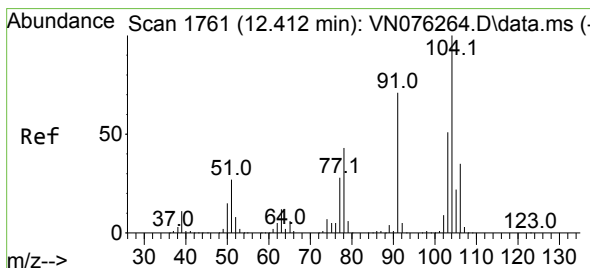
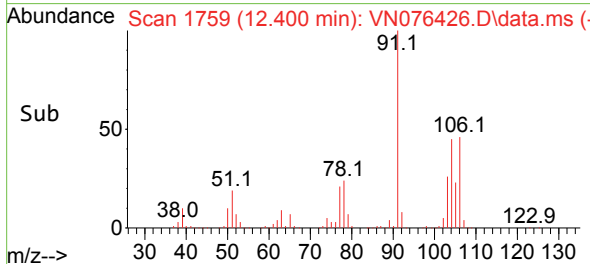
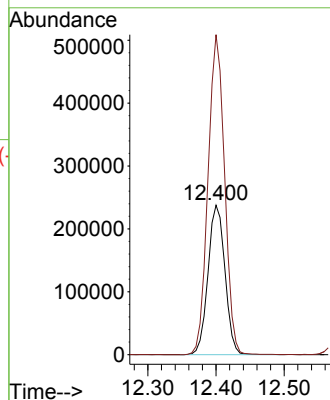
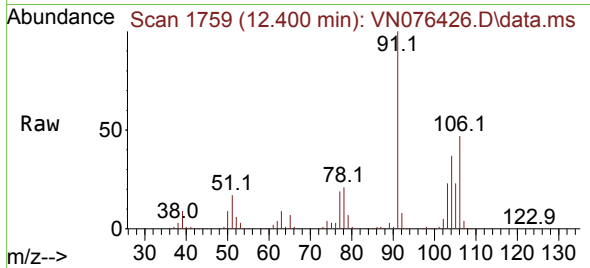




#69
o-Xylene
Concen: 49.812 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

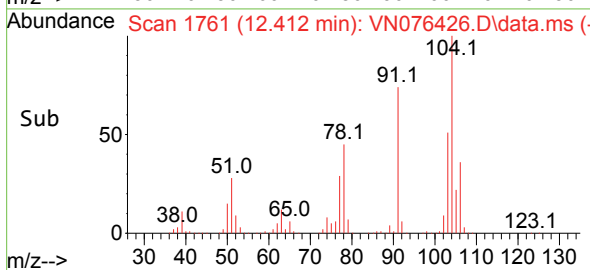
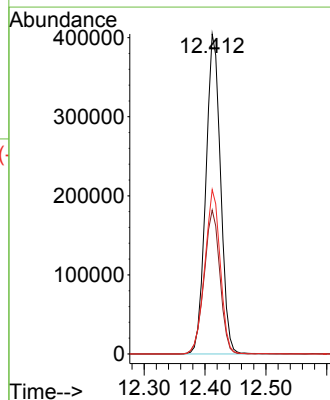
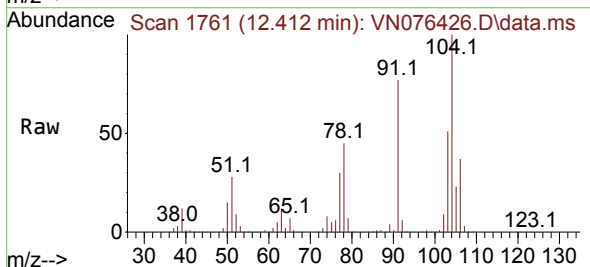
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

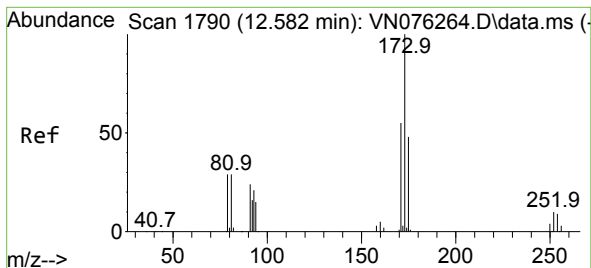
Tgt Ion:106 Resp: 410936
Ion Ratio Lower Upper
106 100
91 209.8 103.2 309.4



#70
Styrene
Concen: 51.615 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

Tgt Ion:104 Resp: 679897
Ion Ratio Lower Upper
104 100
78 48.1 37.4 56.0
103 53.9 44.2 66.2





#71

Bromoform

Concen: 51.821 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076426.D

Acq: 26 Jan 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

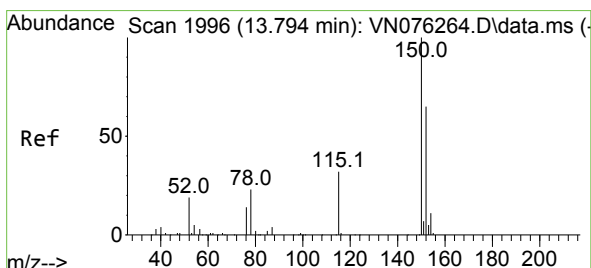
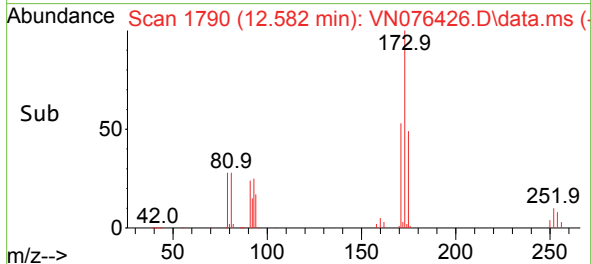
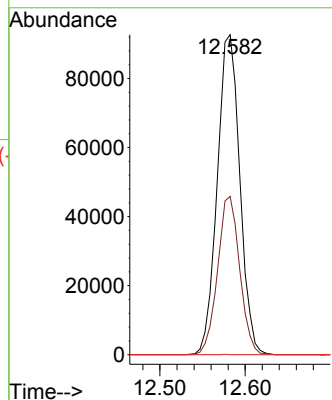
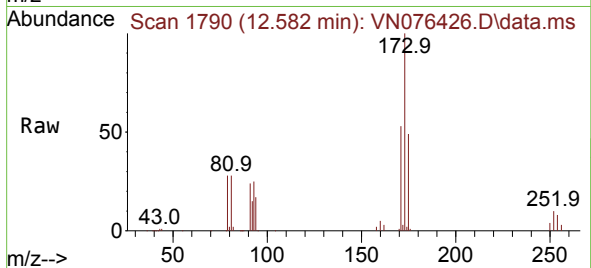
Tgt Ion:173 Resp: 170442

Ion Ratio Lower Upper

173 100

175 48.4 24.1 72.4

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: VN076426.D

Acq: 26 Jan 2023 17:37

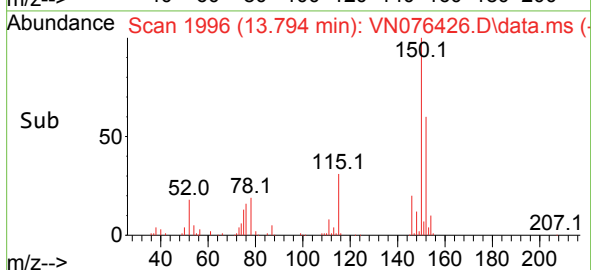
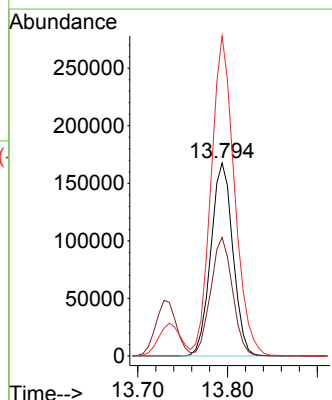
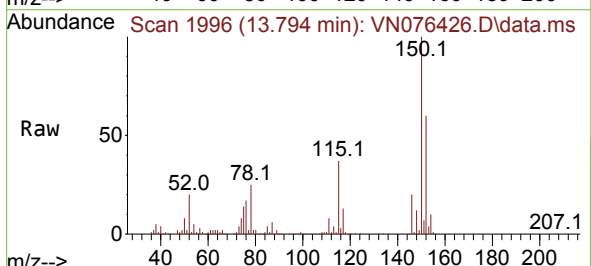
Tgt Ion:152 Resp: 285886

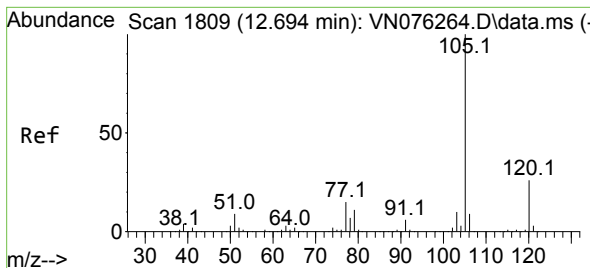
Ion Ratio Lower Upper

152 100

115 61.0 29.6 88.9

150 175.9 0.0 351.4





#73

Isopropylbenzene

Concen: 49.267 ug/l

RT: 12.700 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN076426.D

Acq: 26 Jan 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

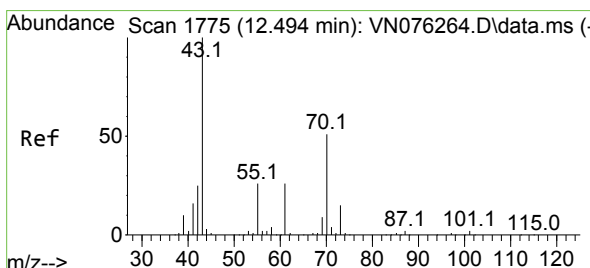
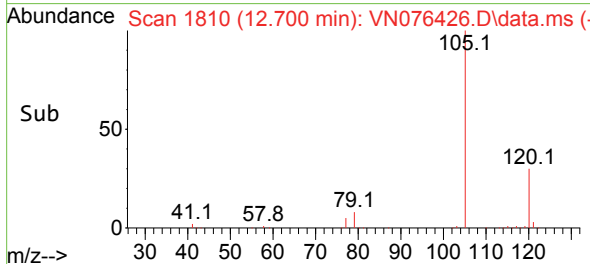
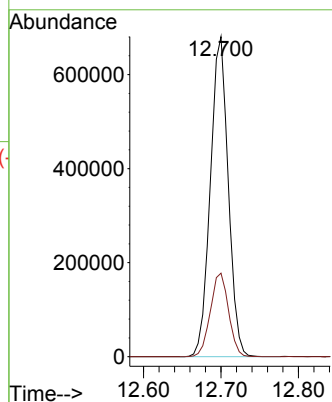
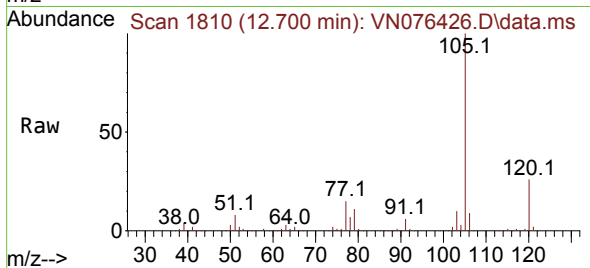
VSTDCCC050EC

Tgt Ion:105 Resp: 1089603

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.1



#74

N-ethyl acetate

Concen: 53.634 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN076426.D

Acq: 26 Jan 2023 17:37

Tgt Ion: 43 Resp: 341204

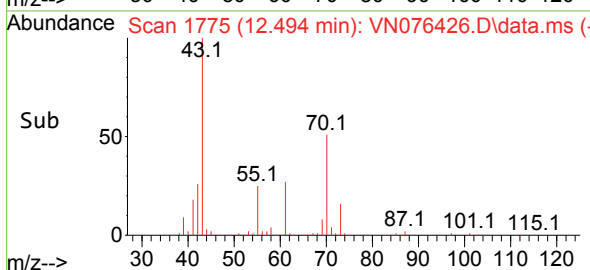
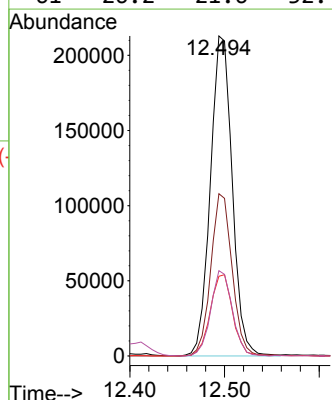
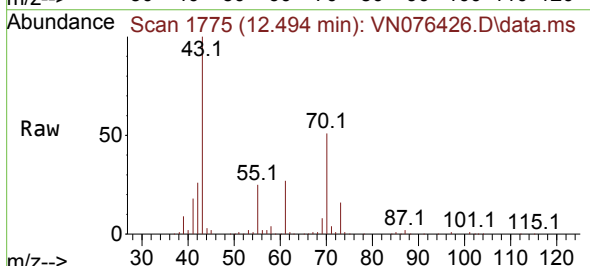
Ion Ratio Lower Upper

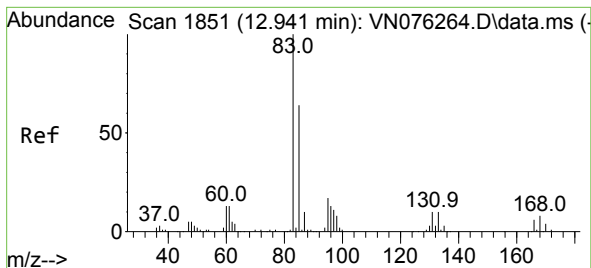
43 100

70 49.5 41.2 61.8

55 26.3 21.0 31.6

61 26.2 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.520 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN076426.D

Acq: 26 Jan 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

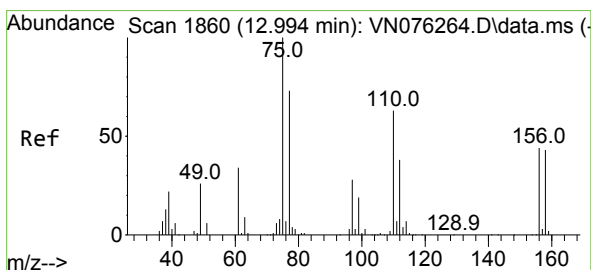
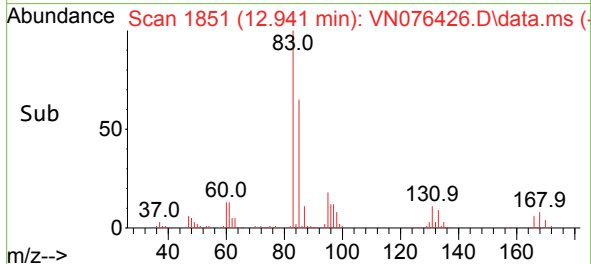
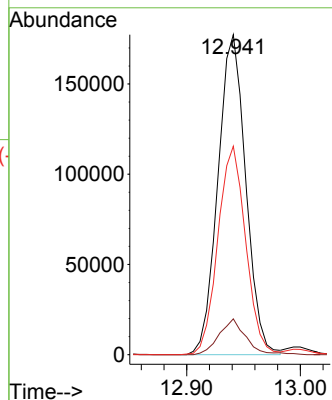
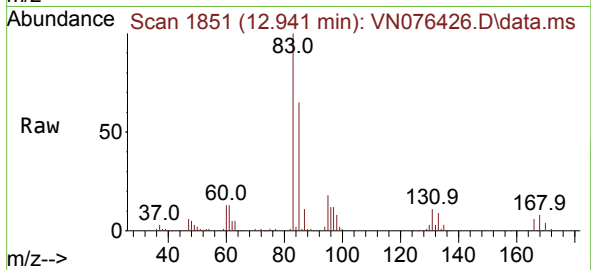
Tgt Ion: 83 Resp: 302120

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.4

85 65.0 31.7 95.1



#76

1,2,3-Trichloropropane

Concen: 72.544 ug/l

RT: 12.994 min Scan# 1860

Delta R.T. -0.000 min

Lab File: VN076426.D

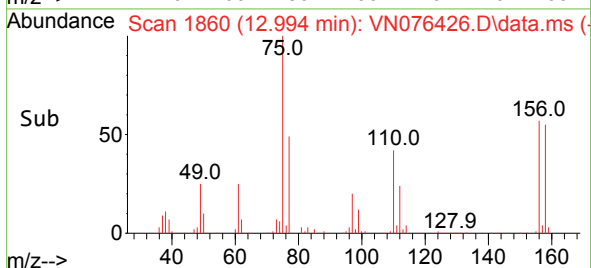
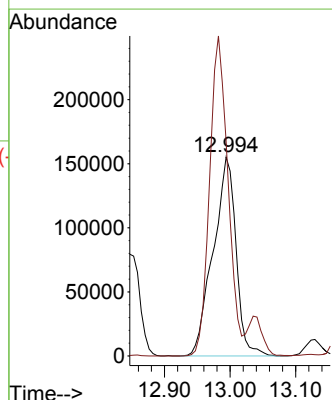
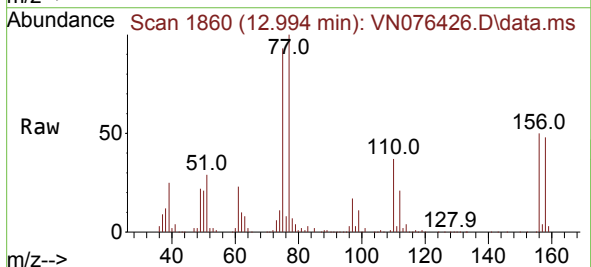
Acq: 26 Jan 2023 17:37

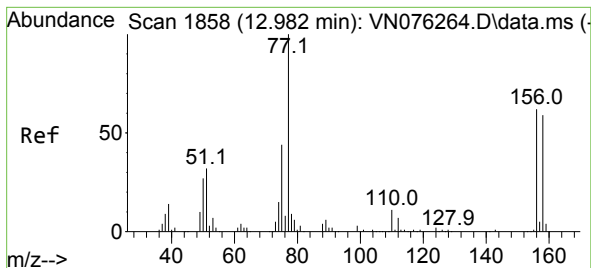
Tgt Ion: 75 Resp: 375590

Ion Ratio Lower Upper

75 100

77 129.1 75.2 225.6





#77

Bromobenzene

Concen: 48.132 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN076426.D

Acq: 26 Jan 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

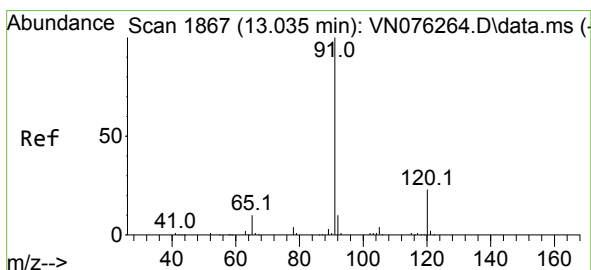
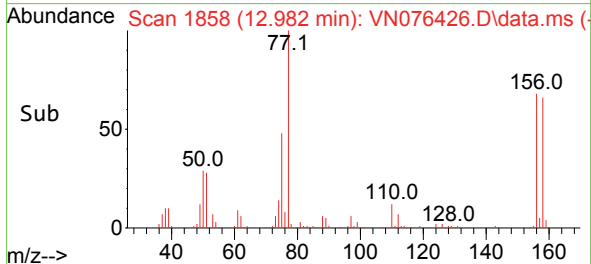
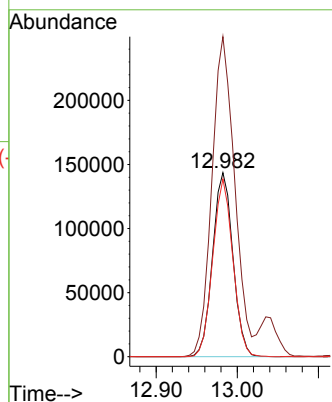
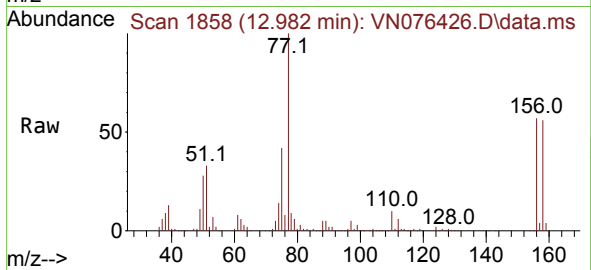
Tgt Ion:156 Resp: 248980

Ion Ratio Lower Upper

156 100

77 194.8 93.4 280.2

158 95.7 48.4 145.2



#78

n-propylbenzene

Concen: 49.856 ug/l

RT: 13.035 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN076426.D

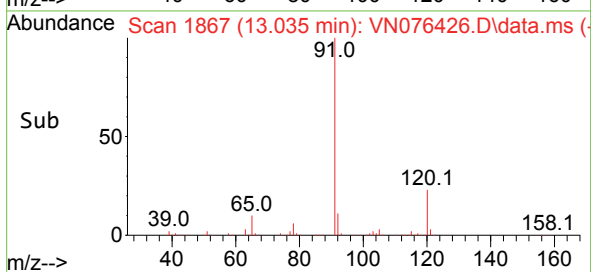
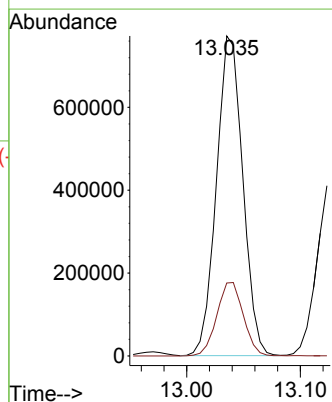
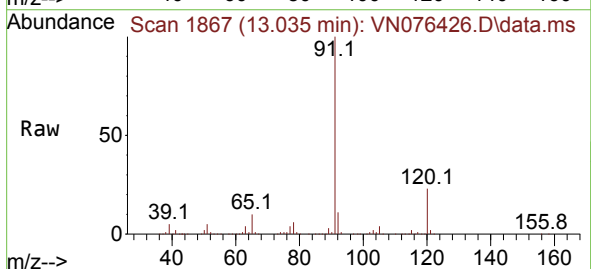
Acq: 26 Jan 2023 17:37

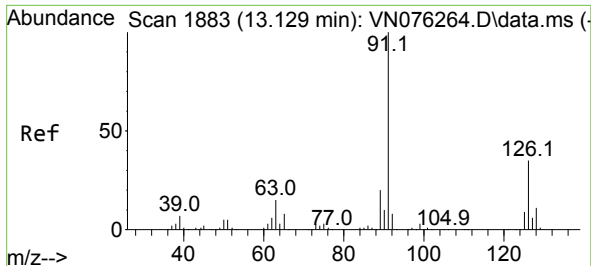
Tgt Ion: 91 Resp: 1244142

Ion Ratio Lower Upper

91 100

120 23.2 11.9 35.5

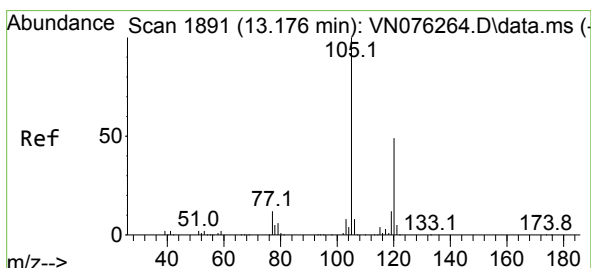
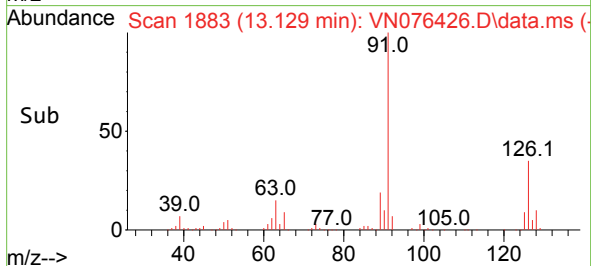
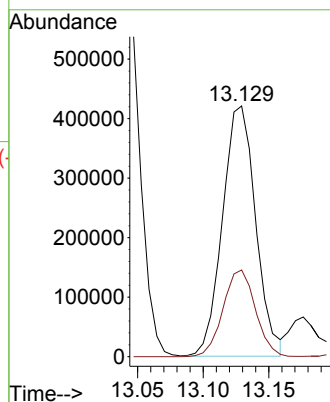
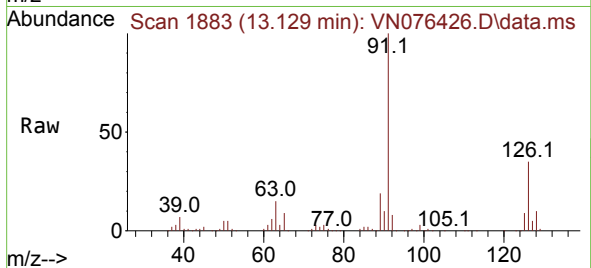




#79
2-Chlorotoluene
Concen: 48.392 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

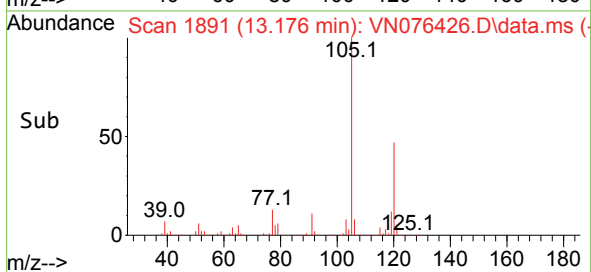
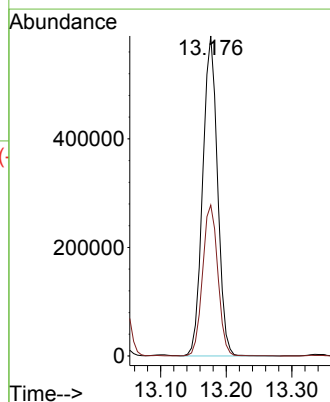
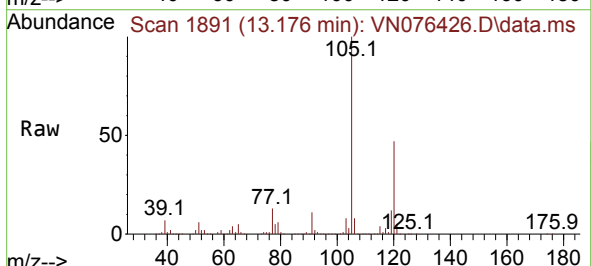
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

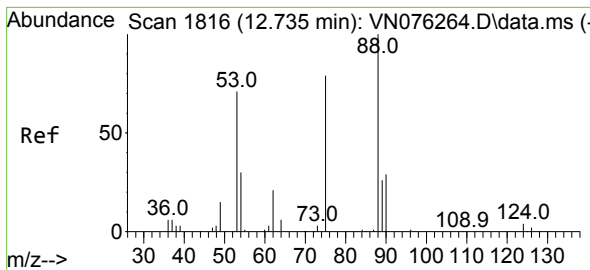
Tgt Ion: 91 Resp: 741028
Ion Ratio Lower Upper
91 100
126 33.8 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 50.190 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

Tgt Ion: 105 Resp: 929931
Ion Ratio Lower Upper
105 100
120 48.3 25.0 75.0

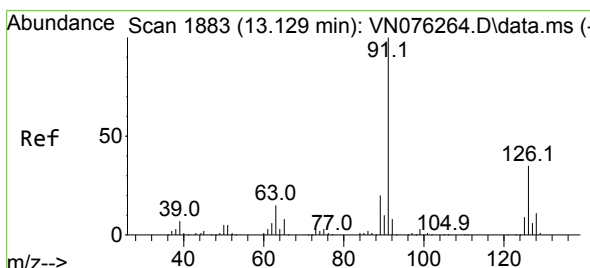
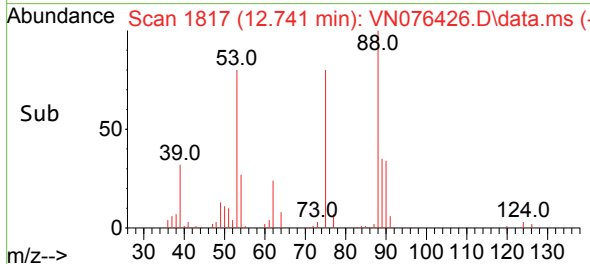
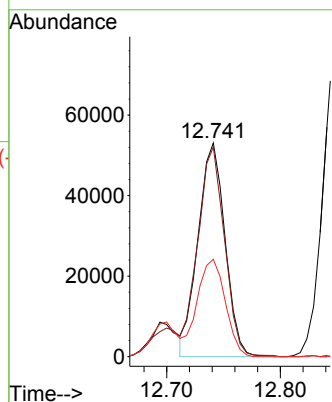
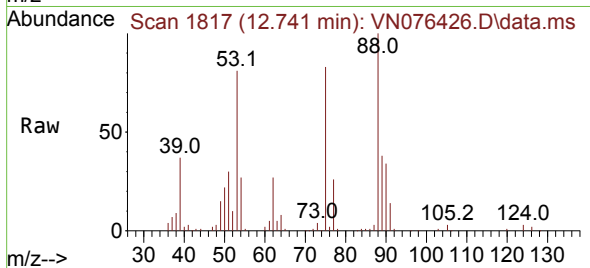




#81
trans-1,4-Dichloro-2-butene
Concen: 50.997 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

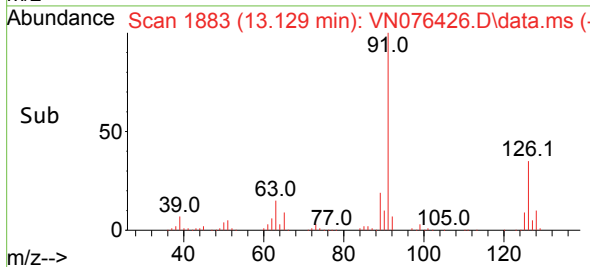
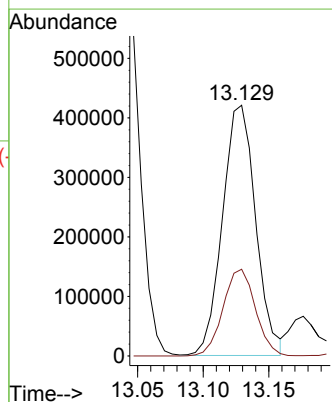
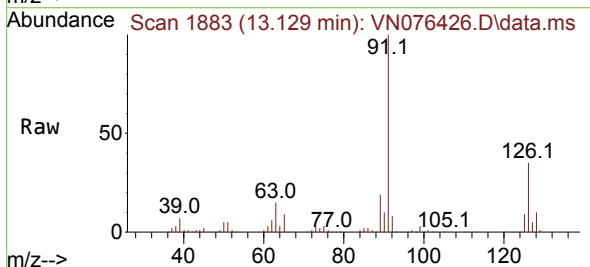
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

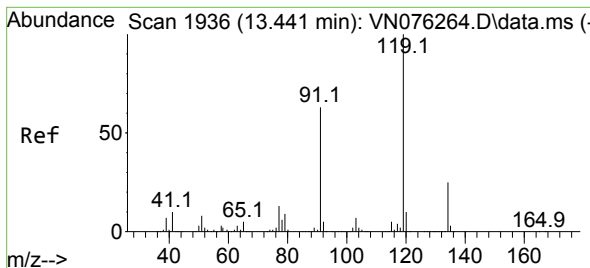
Tgt Ion: 75 Resp: 87626
Ion Ratio Lower Upper
75 100
53 97.2 75.8 113.8
89 47.8 37.0 55.6



#82
4-Chlorotoluene
Concen: 48.392 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

Tgt Ion: 91 Resp: 741028
Ion Ratio Lower Upper
91 100
126 33.8 17.4 52.2





#83

tert-Butylbenzene

Concen: 49.585 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. 0.000 min

Lab File: VN076426.D

Acq: 26 Jan 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

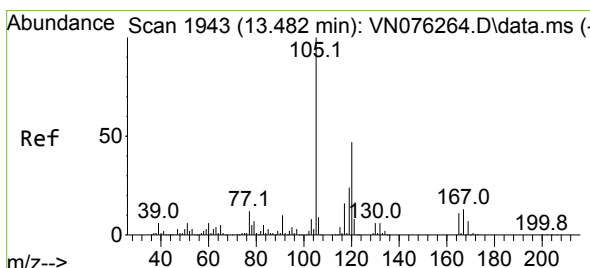
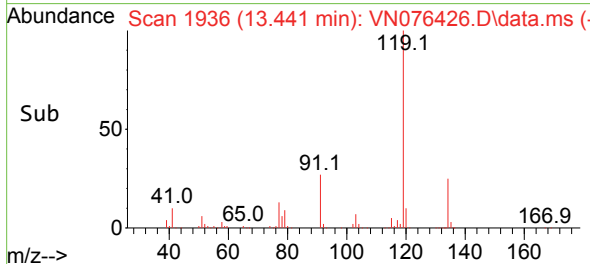
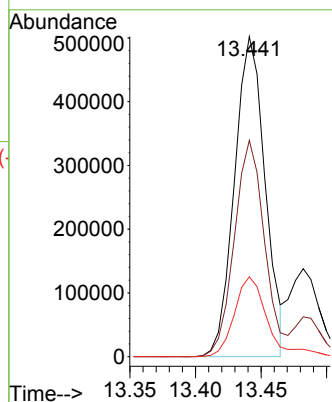
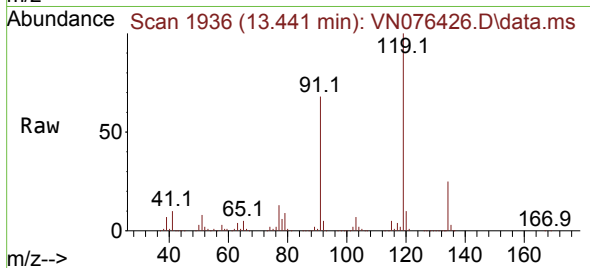
Tgt Ion:119 Resp: 817108

Ion Ratio Lower Upper

119 100

91 67.1 32.2 96.6

134 26.9 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 50.059 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN076426.D

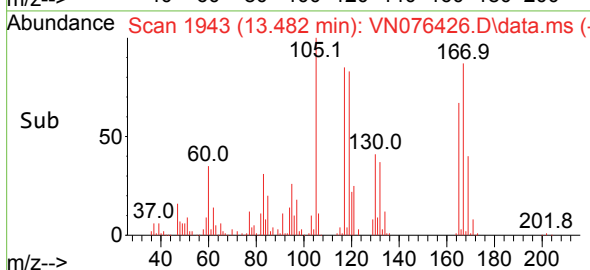
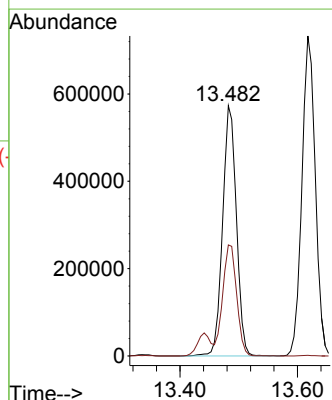
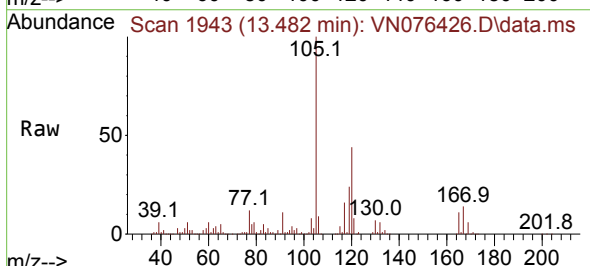
Acq: 26 Jan 2023 17:37

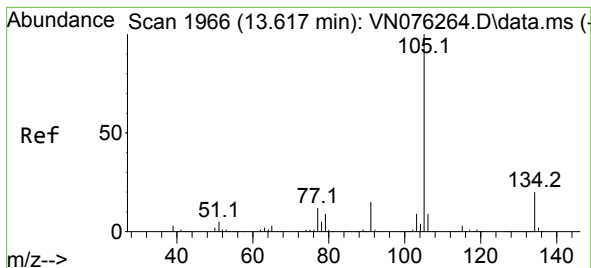
Tgt Ion:105 Resp: 930021

Ion Ratio Lower Upper

105 100

120 44.8 22.9 68.5





#85

sec-Butylbenzene

Concen: 50.657 ug/l

RT: 13.617 min Scan# 1966

Delta R.T. 0.000 min

Lab File: VN076426.D

Acq: 26 Jan 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

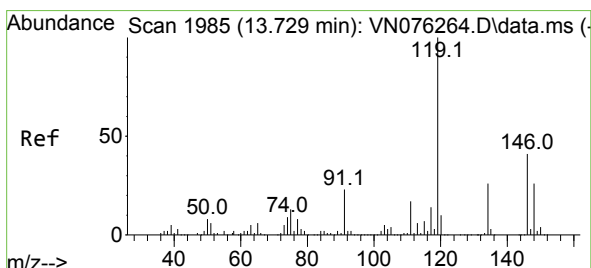
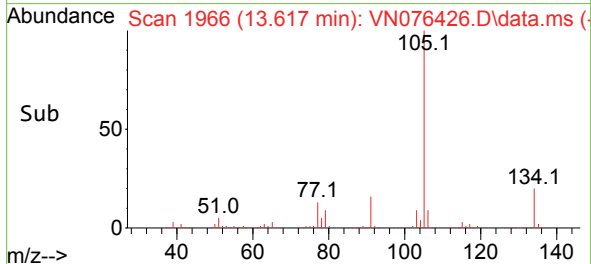
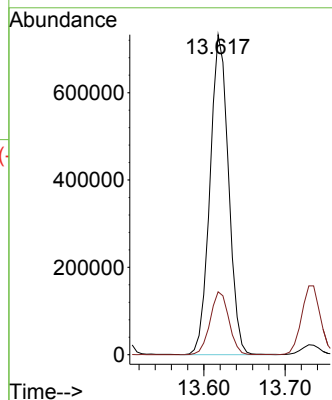
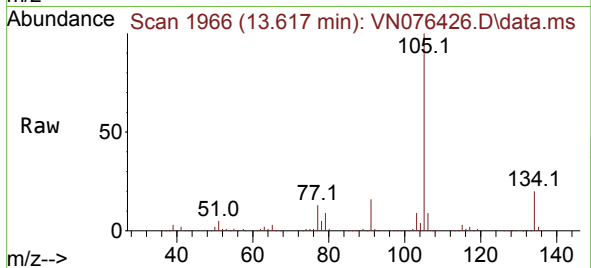
VSTDCCC050EC

Tgt Ion:105 Resp: 1158342

Ion Ratio Lower Upper

105 100

134 19.9 10.3 30.8



#86

p-Isopropyltoluene

Concen: 51.609 ug/l

RT: 13.729 min Scan# 1985

Delta R.T. 0.000 min

Lab File: VN076426.D

Acq: 26 Jan 2023 17:37

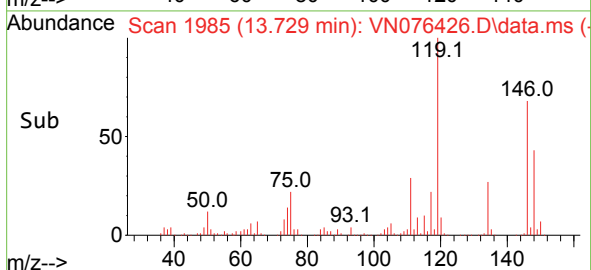
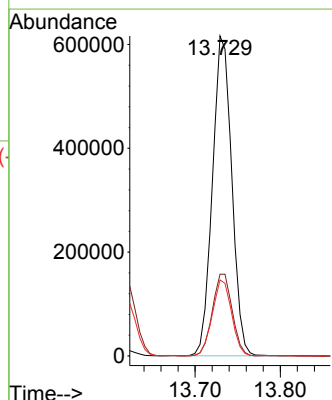
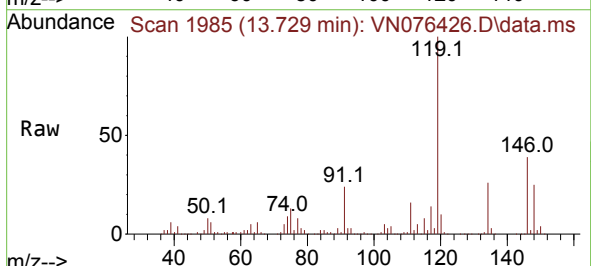
Tgt Ion:119 Resp: 970417

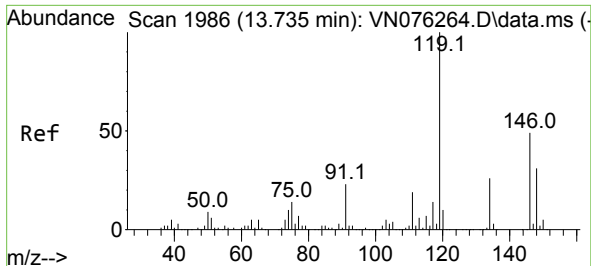
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.6

91 23.6 11.8 35.3

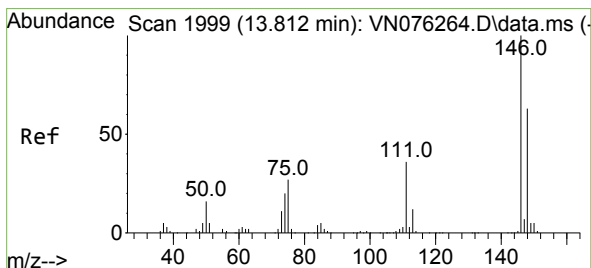
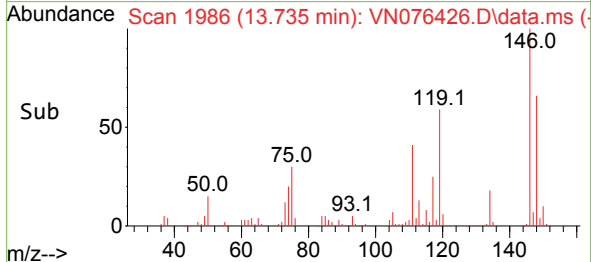
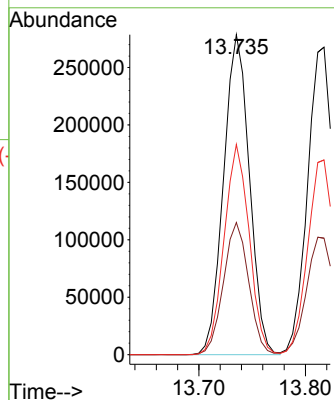
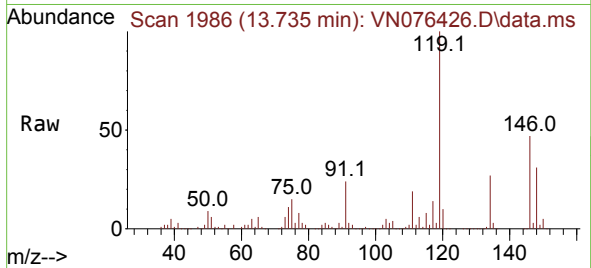




#87
1,3-Dichlorobenzene
Concen: 45.075 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

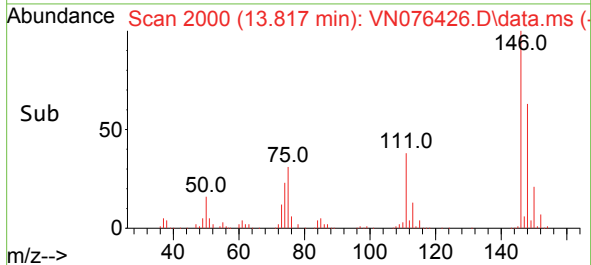
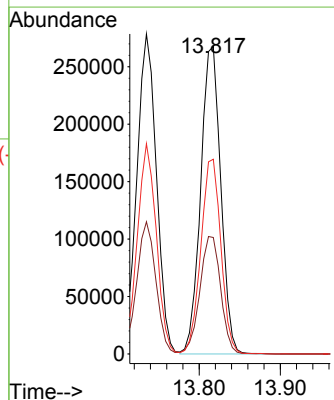
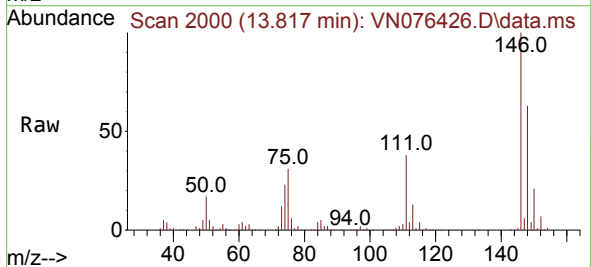
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

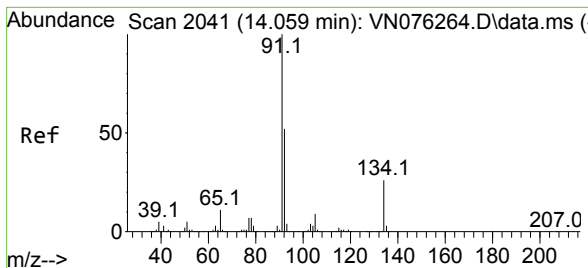
Tgt Ion:146 Resp: 469860
Ion Ratio Lower Upper
146 100
111 40.4 19.9 59.7
148 63.9 31.6 94.8



#88
1,4-Dichlorobenzene
Concen: 46.437 ug/l
RT: 13.817 min Scan# 2000
Delta R.T. 0.005 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

Tgt Ion:146 Resp: 460400
Ion Ratio Lower Upper
146 100
111 39.8 19.1 57.5
148 63.3 31.9 95.9





#89

n-Butylbenzene

Concen: 52.735 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN076426.D

Acq: 26 Jan 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

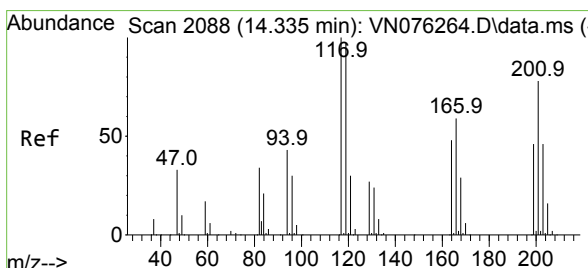
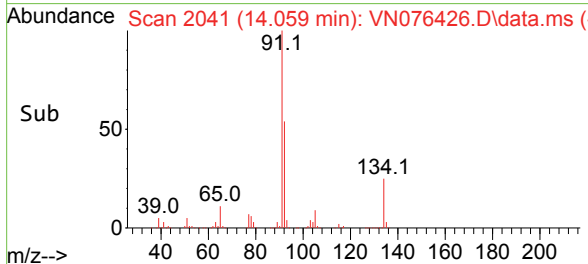
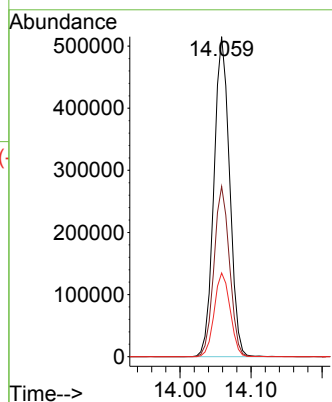
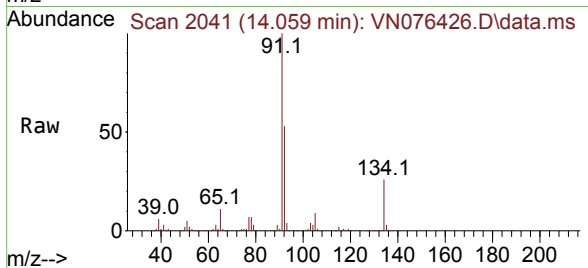
Tgt Ion: 91 Resp: 787150

Ion Ratio Lower Upper

91 100

92 52.9 26.3 78.9

134 26.5 13.2 39.5



#90

Hexachloroethane

Concen: 50.889 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN076426.D

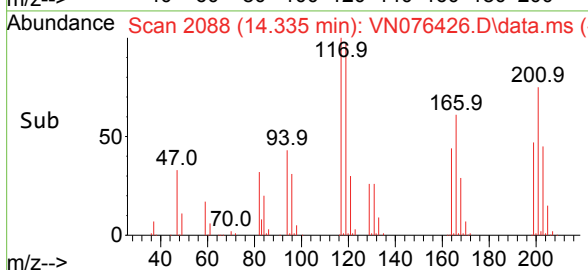
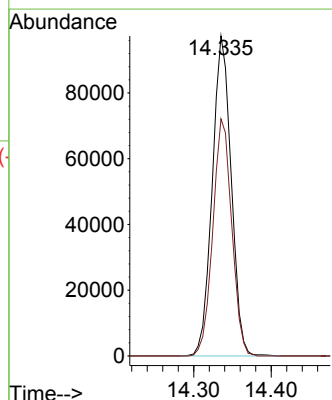
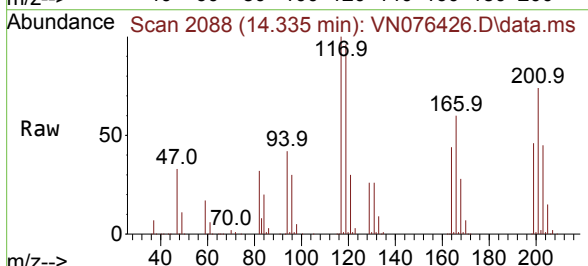
Acq: 26 Jan 2023 17:37

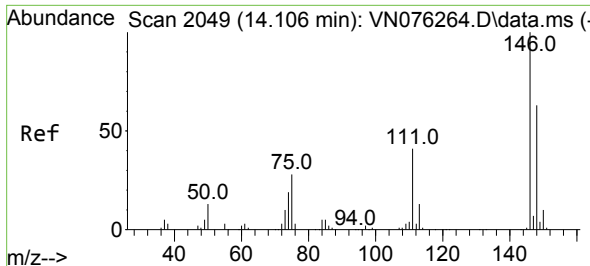
Tgt Ion: 117 Resp: 165149

Ion Ratio Lower Upper

117 100

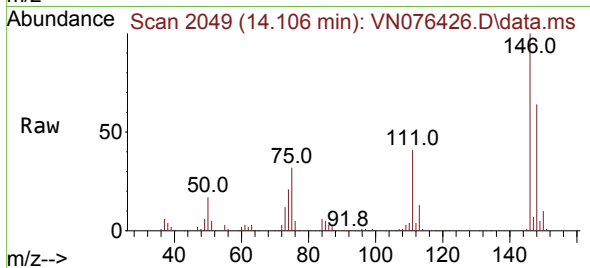
201 73.9 37.3 111.9



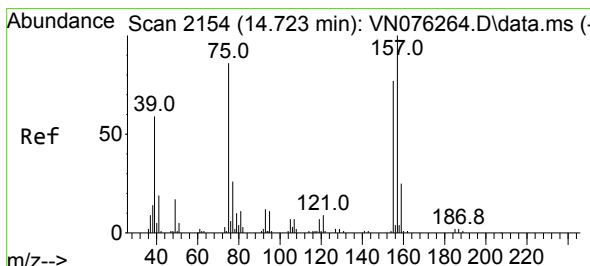
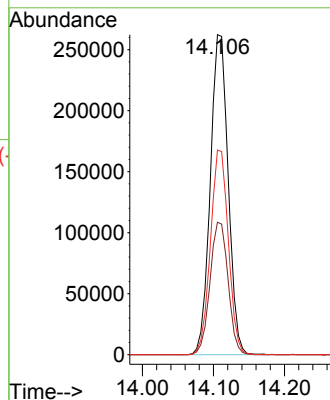
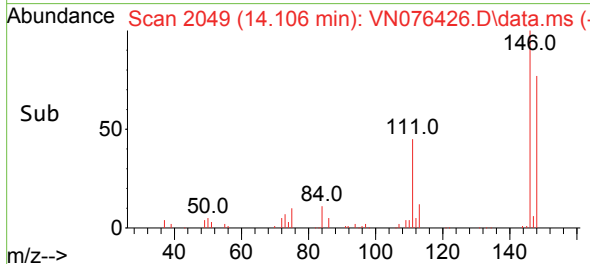


#91
1,2-Dichlorobenzene
Concen: 44.126 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37

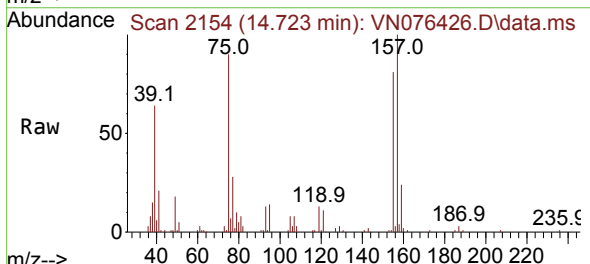
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



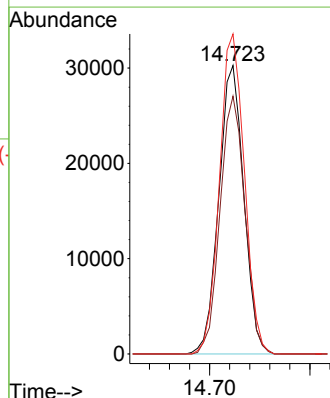
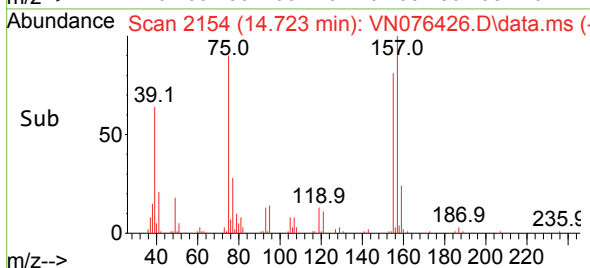
Tgt Ion:146 Resp: 458130
Ion Ratio Lower Upper
146 100
111 41.9 20.3 60.8
148 64.1 31.8 95.4

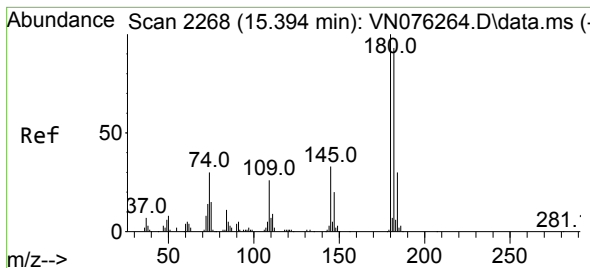


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.336 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076426.D
Acq: 26 Jan 2023 17:37



Tgt Ion: 75 Resp: 52314
Ion Ratio Lower Upper
75 100
155 88.9 45.0 135.0
157 110.4 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 42.765 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076426.D

Acq: 26 Jan 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

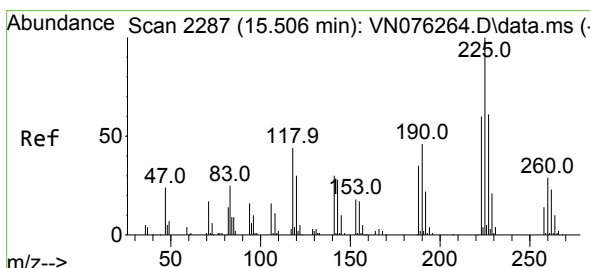
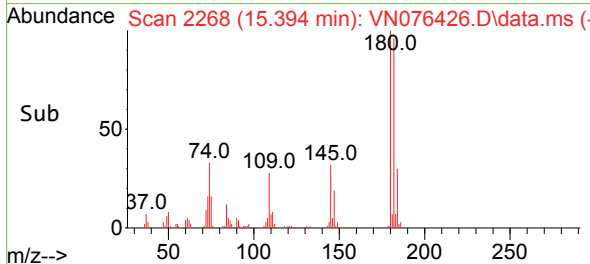
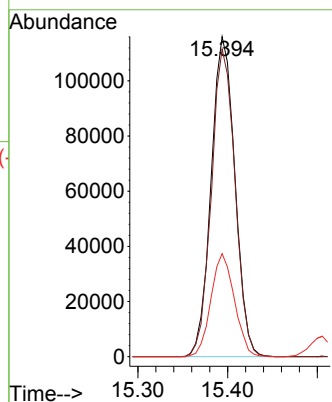
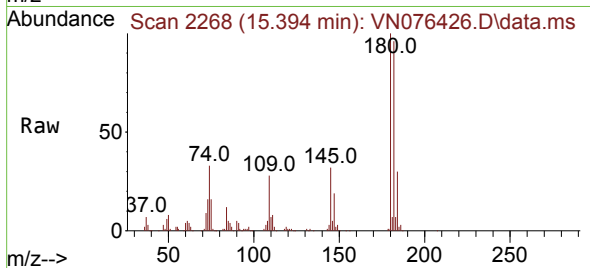
Tgt Ion:180 Resp: 213566

Ion Ratio Lower Upper

180 100

182 95.5 47.0 141.2

145 31.8 15.2 45.5



#94

Hexachlorobutadiene

Concen: 42.694 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076426.D

Acq: 26 Jan 2023 17:37

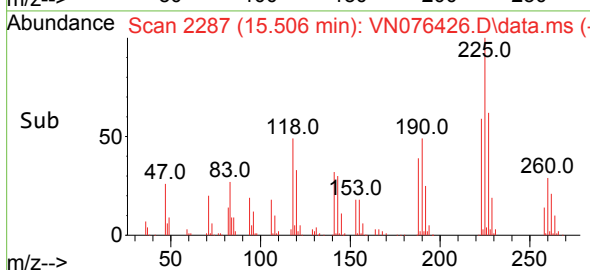
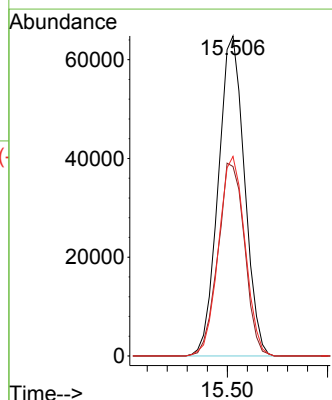
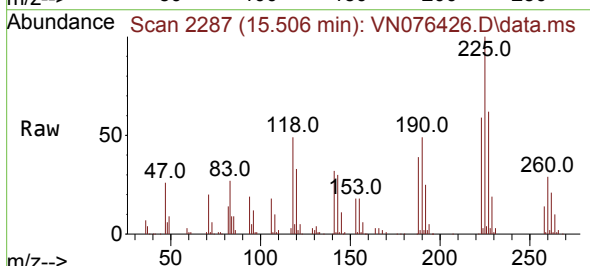
Tgt Ion:225 Resp: 117630

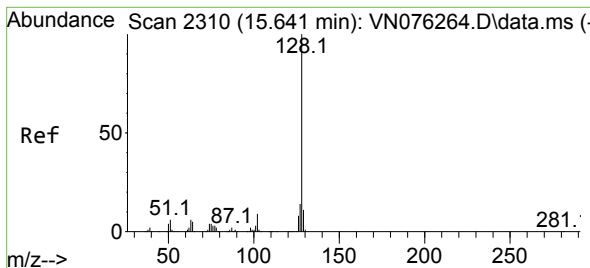
Ion Ratio Lower Upper

225 100

223 61.1 30.8 92.3

227 62.8 30.9 92.8





#95

Naphthalene

Concen: 41.924 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076426.D

Acq: 26 Jan 2023 17:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

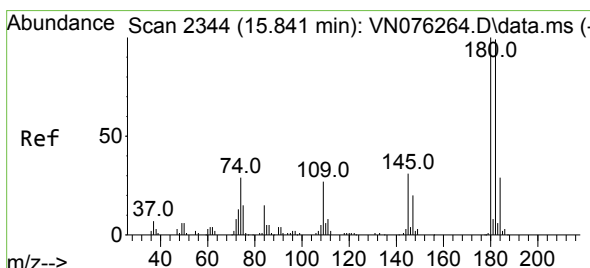
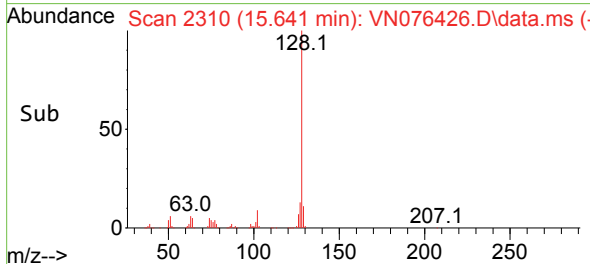
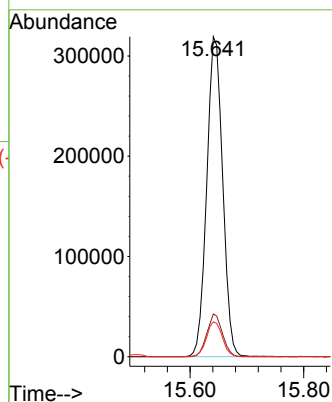
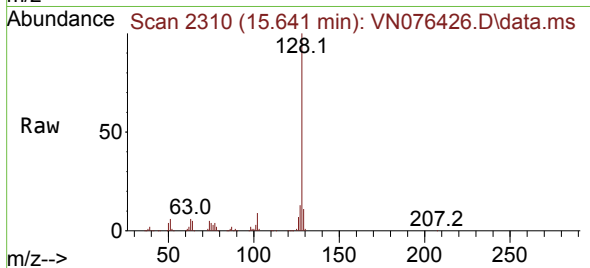
Tgt Ion:128 Resp: 618155

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 43.360 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.006 min

Lab File: VN076426.D

Acq: 26 Jan 2023 17:37

Tgt Ion:180 Resp: 206595

Ion Ratio Lower Upper

180 100

182 94.1 47.5 142.5

145 34.2 15.9 47.6

