

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012623\
 Data File : VN076410.D
 Acq On : 26 Jan 2023 09:58
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Jan 27 00:29:42 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	370340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	606069	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	550665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	272815	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	235177	56.715	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.440%	
35) Dibromofluoromethane	8.171	113	201232	53.079	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.160%	
50) Toluene-d8	10.571	98	729097	52.073	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.140%	
62) 4-Bromofluorobenzene	12.853	95	262476	57.424	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.840%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	180123	47.462	ug/l	95
3) Chloromethane	2.377	50	191040	48.619	ug/l	95
4) Vinyl Chloride	2.530	62	266647	55.343	ug/l	99
5) Bromomethane	2.954	94	195105	49.449	ug/l	100
6) Chloroethane	3.124	64	190448	52.714	ug/l	98
7) Trichlorofluoromethane	3.506	101	356611	53.799	ug/l	98
8) Diethyl Ether	3.971	74	123287	55.453	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.383	101	194256	51.768	ug/l	96
10) Methyl Iodide	4.601	142	272707	47.578	ug/l	95
11) Tert butyl alcohol	5.542	59	130058	234.491	ug/l	99
12) 1,1-Dichloroethene	4.353	96	172785	48.711	ug/l	86
13) Acrolein	4.195	56	211900	319.465	ug/l	99
14) Allyl chloride	5.036	41	213665	51.688	ug/l	97
15) Acrylonitrile	5.730	53	409877	259.690	ug/l	99
16) Acetone	4.442	43	471774	354.939	ug/l	100
17) Carbon Disulfide	4.724	76	384678	43.554	ug/l	98
18) Methyl Acetate	5.036	43	231736	51.440	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	592312	51.292	ug/l	100
20) Methylene Chloride	5.289	84	194716	49.497	ug/l	97
21) trans-1,2-Dichloroethene	5.795	96	179154	46.621	ug/l	96
22) Diisopropyl ether	6.683	45	536098	54.994	ug/l	99
23) Vinyl Acetate	6.612	43	1741261	276.379	ug/l	97
24) 1,1-Dichloroethane	6.583	63	325059	50.025	ug/l	100
25) 2-Butanone	7.489	43	561786	276.712	ug/l	96
26) 2,2-Dichloropropane	7.500	77	283625	51.788	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	220630	49.226	ug/l	96
28) Bromochloromethane	7.818	49	152405	57.865	ug/l	93
29) Tetrahydrofuran	7.847	42	336579	268.614	ug/l	96
30) Chloroform	7.971	83	374583	52.098	ug/l	99
31) Cyclohexane	8.265	56	279290	43.845	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	335691	51.138	ug/l	94
36) 1,1-Dichloropropene	8.377	75	261391	48.520	ug/l	98
37) Ethyl Acetate	7.571	43	218839	50.644	ug/l	98
38) Carbon Tetrachloride	8.371	117	293346	48.829	ug/l	97
39) Methylcyclohexane	9.606	83	322844	49.074	ug/l	98
40) Benzene	8.612	78	781759	48.530	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	119256	52.710	ug/l	96
42) 1,2-Dichloroethane	8.677	62	286736	52.025	ug/l	99
43) Isopropyl Acetate	8.694	43	367146	52.229	ug/l	98
44) Trichloroethene	9.359	130	210224	46.142	ug/l	98
45) 1,2-Dichloropropane	9.624	63	196122	50.852	ug/l	96
46) Dibromomethane	9.712	93	145830	50.081	ug/l	97
47) Bromodichloromethane	9.894	83	302001	53.473	ug/l	97
48) Methyl methacrylate	9.683	41	175846	52.840	ug/l	97
49) 1,4-Dioxane	9.700	88	70401	1002.576	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	1108671	268.666	ug/l	99
52) Toluene	10.635	92	521158	48.379	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	299664	55.660	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	329936	53.268	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	208594	50.659	ug/l	97
56) Ethyl methacrylate	10.877	69	299152	56.275	ug/l	98
57) 1,3-Dichloropropane	11.165	76	343712	51.366	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	437771	243.936	ug/l	98
59) 2-Hexanone	11.200	43	830029	277.569	ug/l	99
60) Dibromochloromethane	11.359	129	237673	54.833	ug/l	99
61) 1,2-Dibromoethane	11.471	107	211911	51.559	ug/l	97
64) Tetrachloroethene	11.106	164	199899	40.254	ug/l	96
65) Chlorobenzene	11.894	112	556469	47.805	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	217033	50.112	ug/l	99
67) Ethyl Benzene	11.965	91	1013614	50.879	ug/l	99
68) m/p-Xylenes	12.071	106	798986	100.017	ug/l	98
69) o-Xylene	12.400	106	395511	50.415	ug/l	98
70) Styrene	12.412	104	651228	51.989	ug/l	98
71) Bromoform	12.582	173	166690	53.295	ug/l #	100
73) Isopropylbenzene	12.700	105	1038962	49.228	ug/l	100
74) N-amyl acetate	12.494	43	322222	53.077	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	289899	47.782	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	358266	72.513	ug/l	84
77) Bromobenzene	12.982	156	239261	48.473	ug/l	96
78) n-propylbenzene	13.035	91	1197991	50.307	ug/l	99
79) 2-Chlorotoluene	13.129	91	706495	48.347	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	883779	49.985	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	85831	52.346	ug/l	99
82) 4-Chlorotoluene	13.129	91	706495	48.347	ug/l	99
83) tert-Butylbenzene	13.441	119	796133	50.627	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	885002	49.918	ug/l	99
85) sec-Butylbenzene	13.618	105	1104652	50.624	ug/l	99
86) p-Isopropyltoluene	13.729	119	941518	52.472	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	463883	46.633	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	450098	47.570	ug/l	99
89) n-Butylbenzene	14.059	91	775855	54.469	ug/l	100
90) Hexachloroethane	14.335	117	159862	51.620	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	451043	45.525	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	53446	50.678	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	227559	47.598	ug/l	99
94) Hexachlorobutadiene	15.506	225	117901	44.843	ug/l	96
95) Naphthalene	15.641	128	659173	46.632	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	219301	48.102	ug/l	99

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDCCC050

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Quant Title : SW846 8260
QLast Update : Tue Jan 17 03:59:22 2023
Response via : Initial Calibration

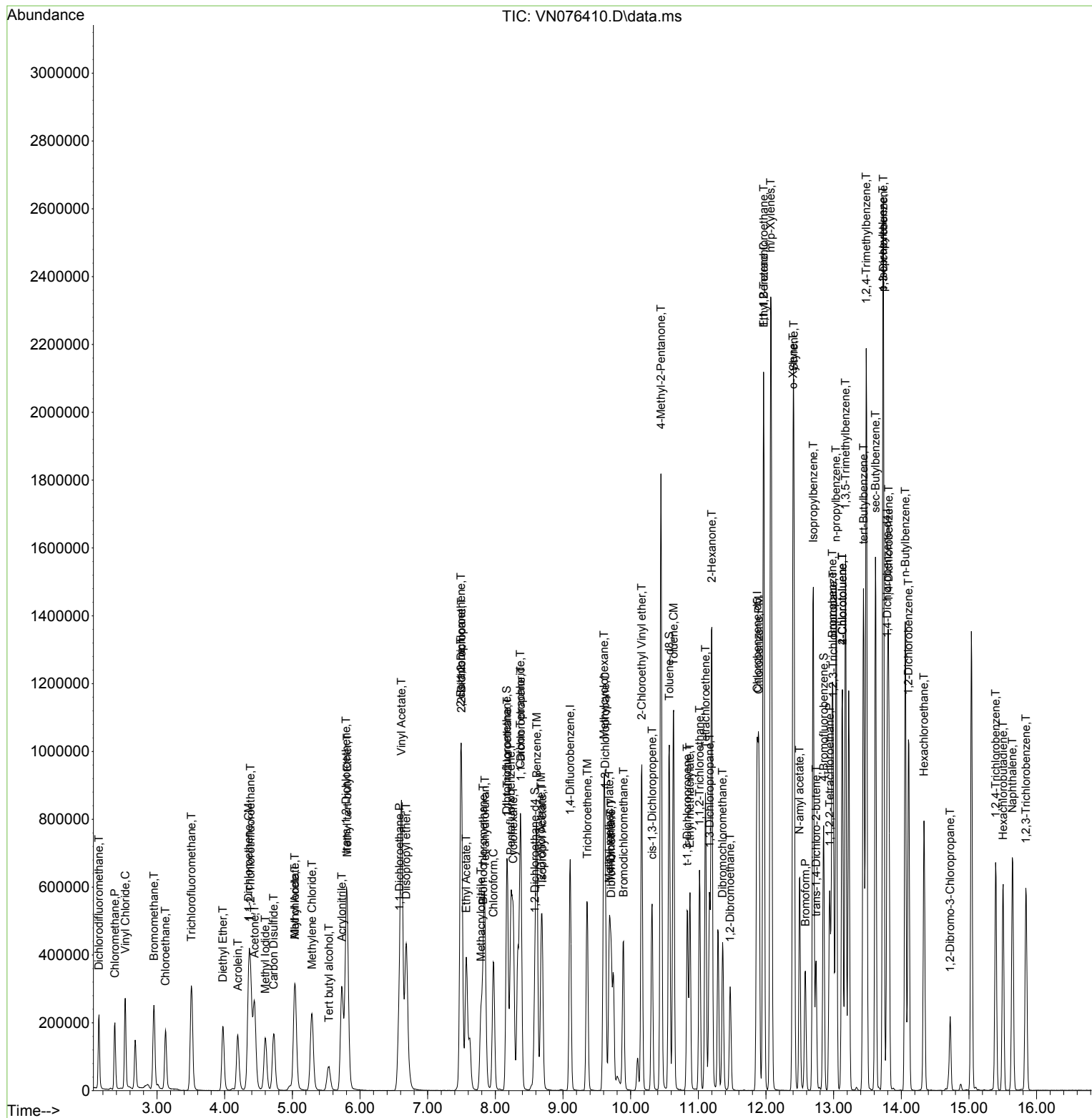
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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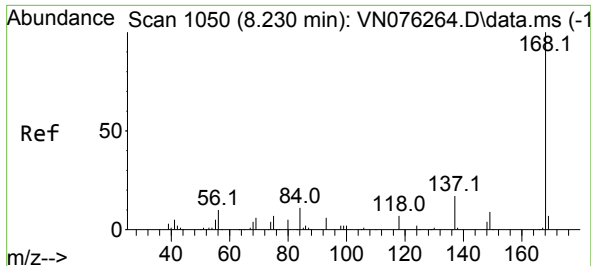
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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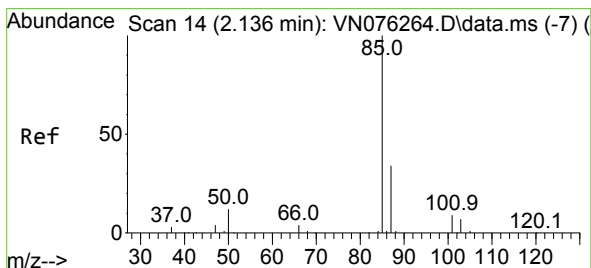
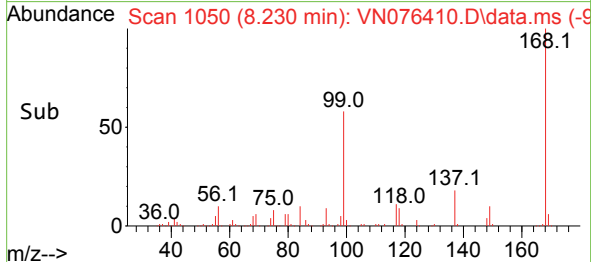
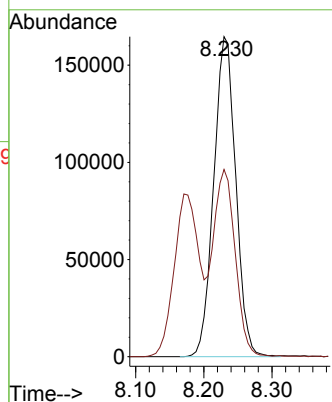
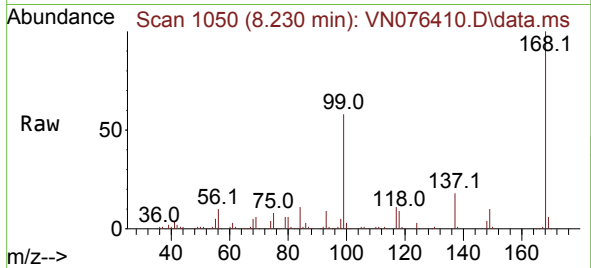




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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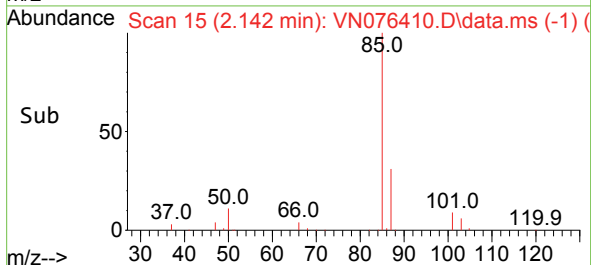
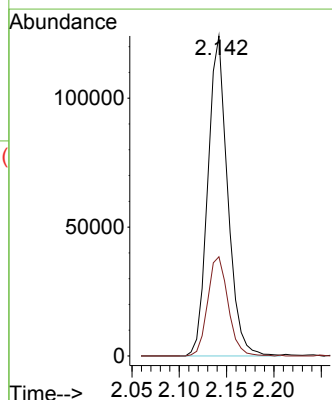
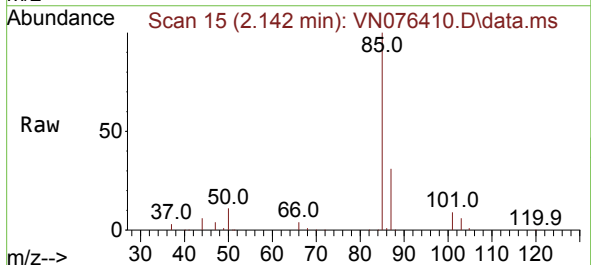
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

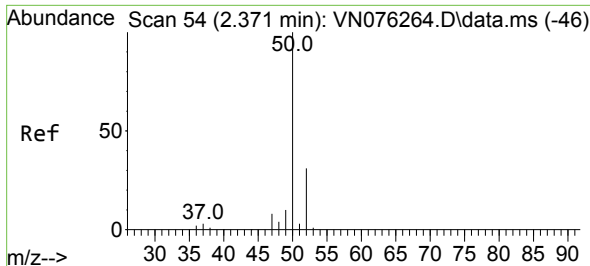
Tgt Ion:168 Resp: 370340
Ion Ratio Lower Upper
168 100
99 58.2 41.6 62.4



#2
Dichlorodifluoromethane
Concen: 47.462 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

Tgt Ion: 85 Resp: 180123
Ion Ratio Lower Upper
85 100
87 31.0 17.1 51.2

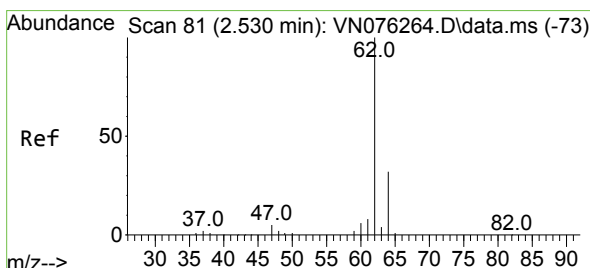
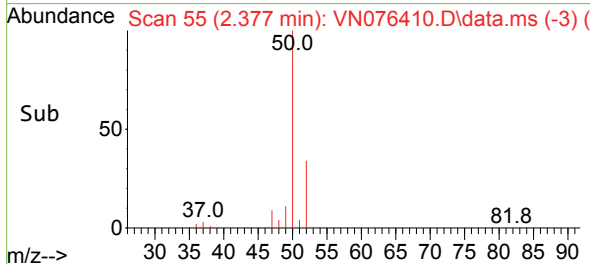
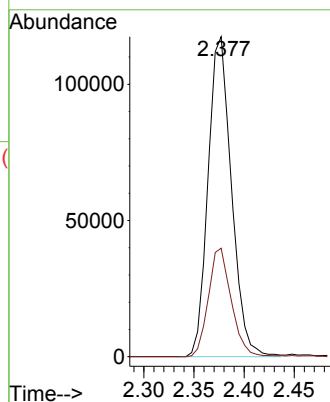
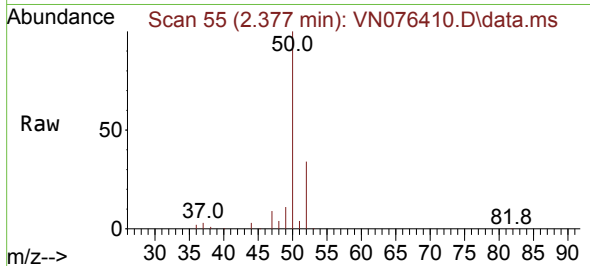




#3
Chloromethane
Concen: 48.619 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

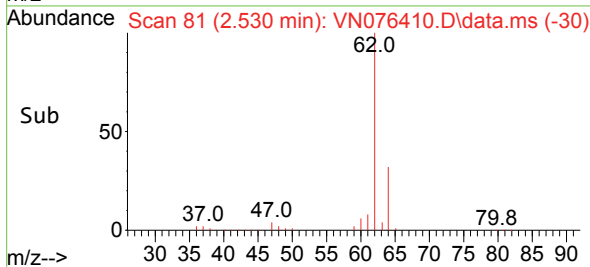
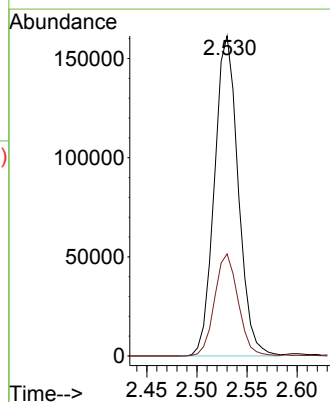
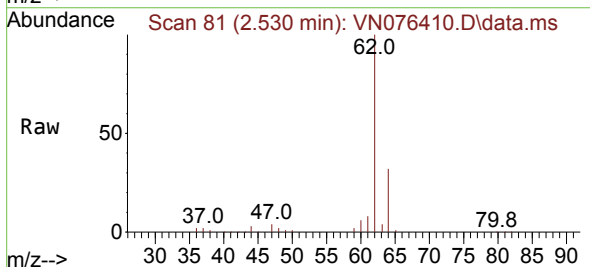
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

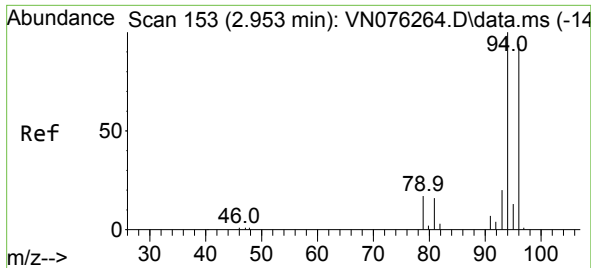
Tgt Ion: 50 Resp: 191040
Ion Ratio Lower Upper
50 100
52 33.9 24.8 37.2



#4
Vinyl Chloride
Concen: 55.343 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

Tgt Ion: 62 Resp: 266647
Ion Ratio Lower Upper
62 100
64 31.9 25.8 38.6

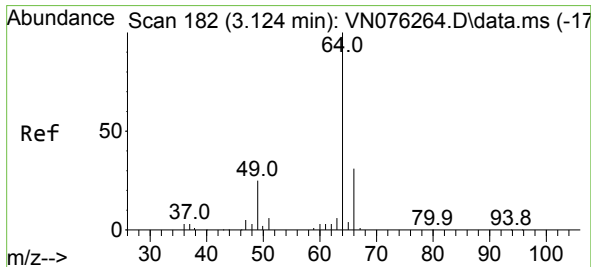
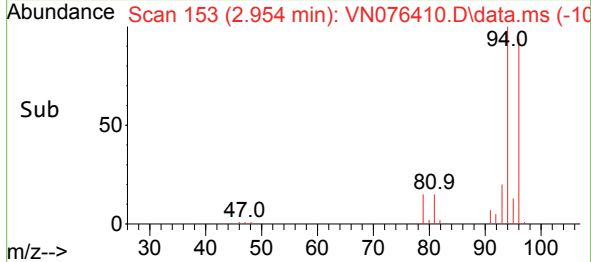
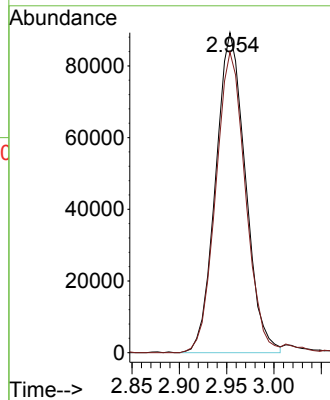
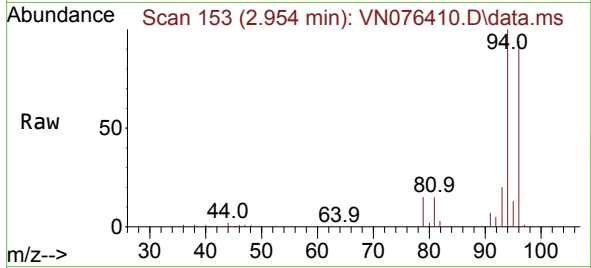




#5
Bromomethane
Concen: 49.449 ug/l
RT: 2.954 min Scan# 153
Delta R.T. 0.001 min
Lab File: VN076410.D
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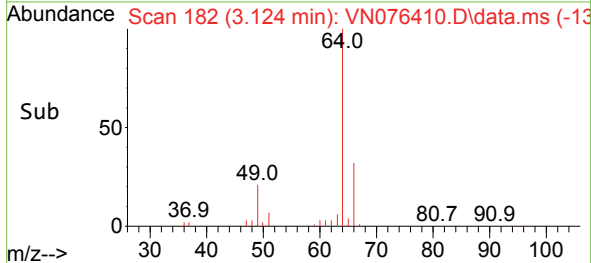
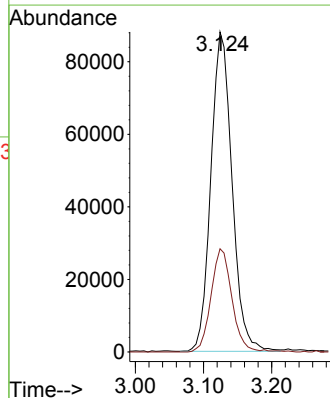
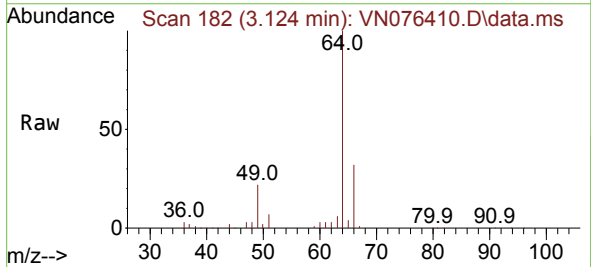
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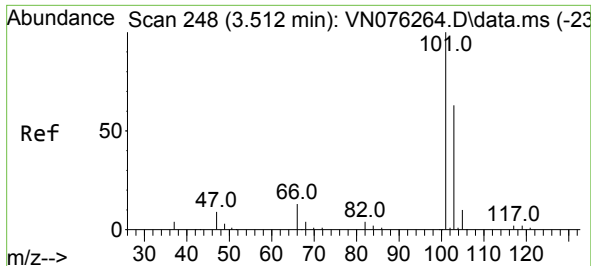
Tgt Ion: 94 Resp: 195105
Ion Ratio Lower Upper
94 100
96 93.9 75.1 112.7



#6
Chloroethane
Concen: 52.714 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

Tgt Ion: 64 Resp: 190448
Ion Ratio Lower Upper
64 100
66 32.3 24.8 37.2

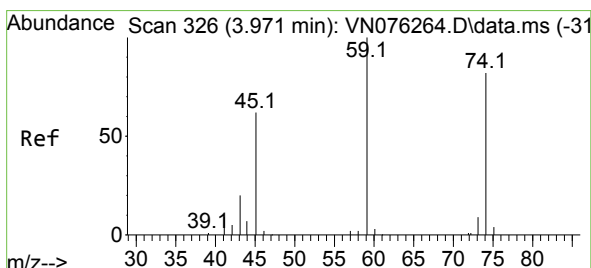
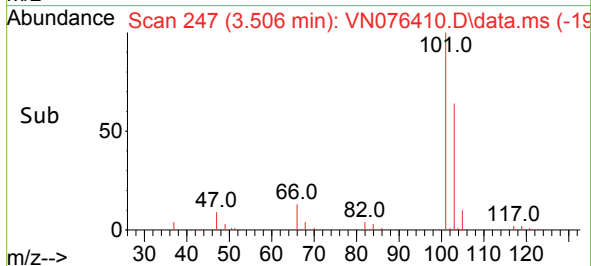
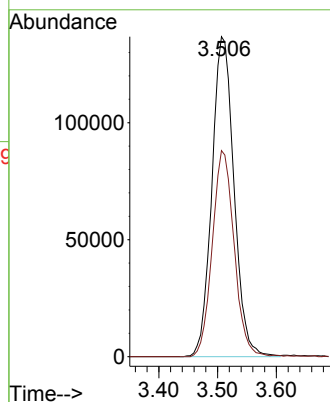
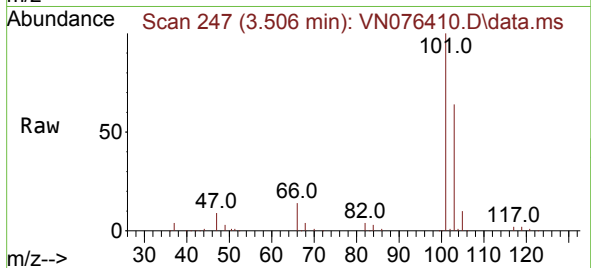




#7
 Trichlorofluoromethane
 Concen: 53.799 ug/l
 RT: 3.506 min Scan# 247
 Delta R.T. -0.006 min
 Lab File: VN076410.D
 Acq: 26 Jan 2023 09:58

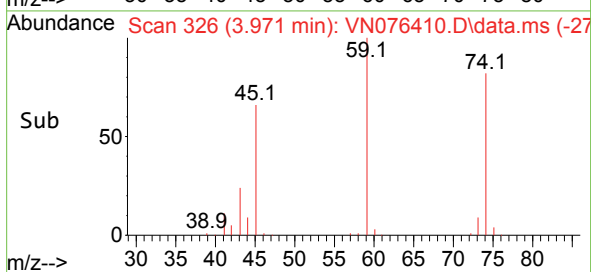
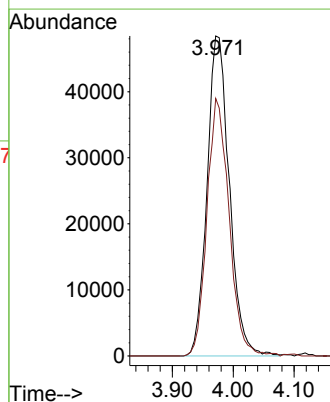
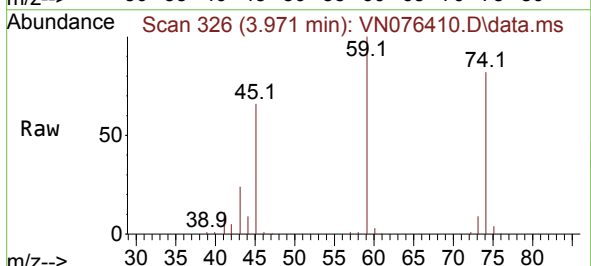
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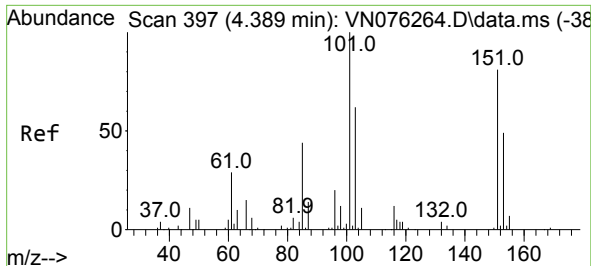
Tgt Ion:101 Resp: 356611
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.2 75.4



#8
 Diethyl Ether
 Concen: 55.453 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.000 min
 Lab File: VN076410.D
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Tgt Ion: 74 Resp: 123287
 Ion Ratio Lower Upper
 74 100
 45 79.9 37.8 113.3

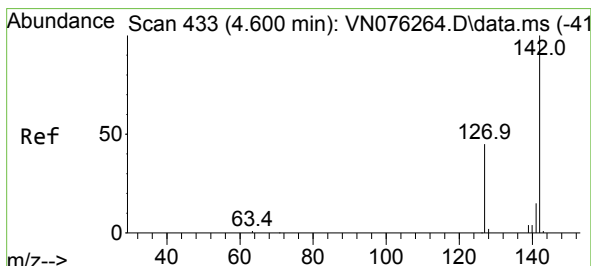
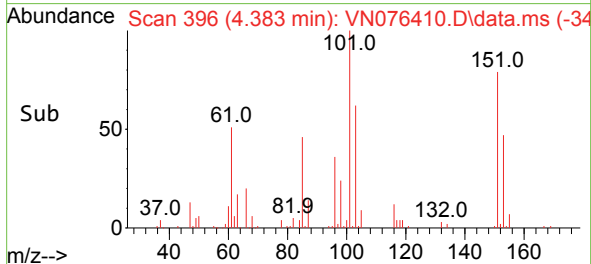
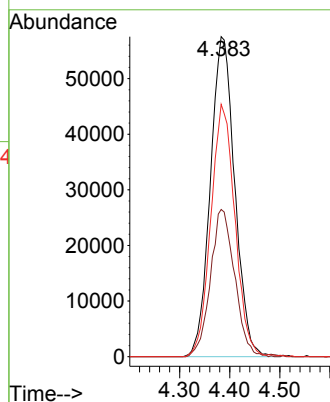
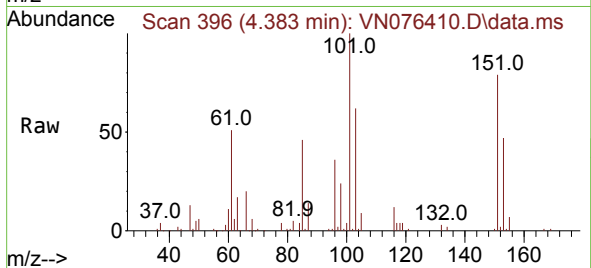




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.768 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

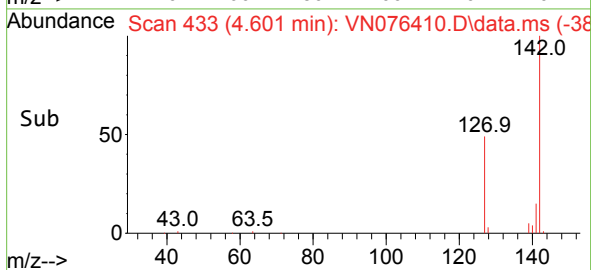
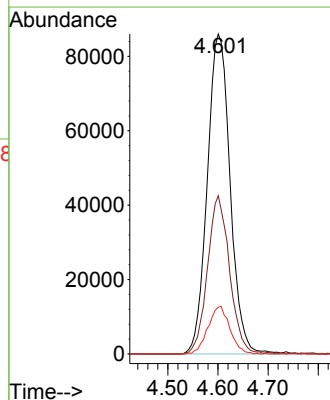
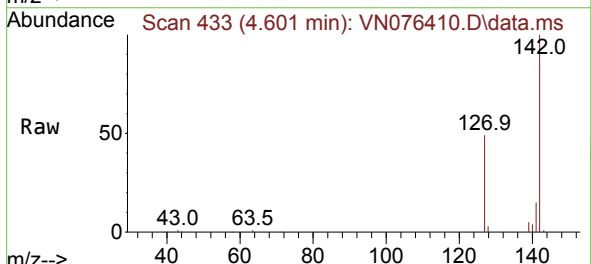
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

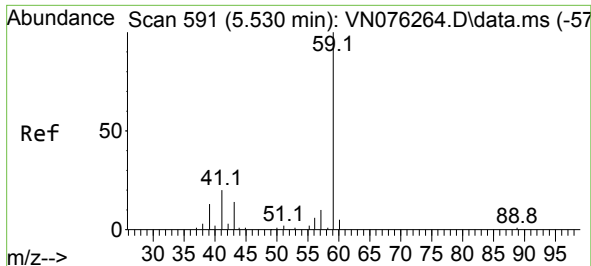
Tgt Ion:101 Resp: 194256
Ion Ratio Lower Upper
101 100
85 45.6 35.5 53.3
151 77.7 65.5 98.3



#10
Methyl Iodide
Concen: 47.578 ug/l
RT: 4.601 min Scan# 433
Delta R.T. 0.001 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

Tgt Ion:142 Resp: 272707
Ion Ratio Lower Upper
142 100
127 47.6 35.0 52.4
141 14.3 11.5 17.3

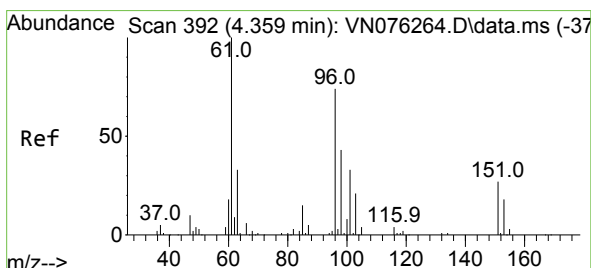
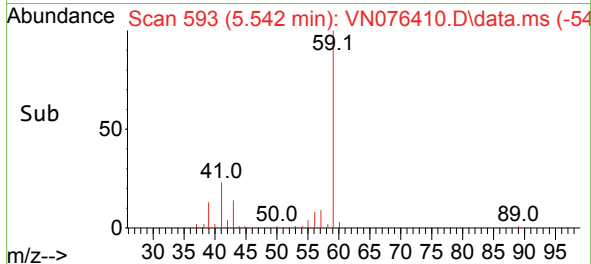
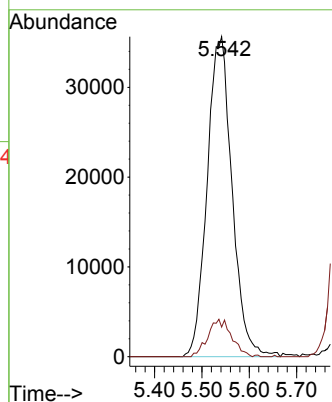
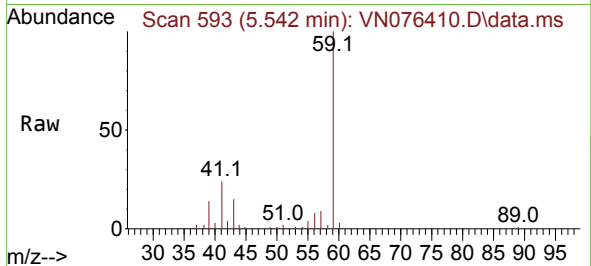




#11
Tert butyl alcohol
Concen: 234.491 ug/l
RT: 5.542 min Scan# 591
Delta R.T. 0.012 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

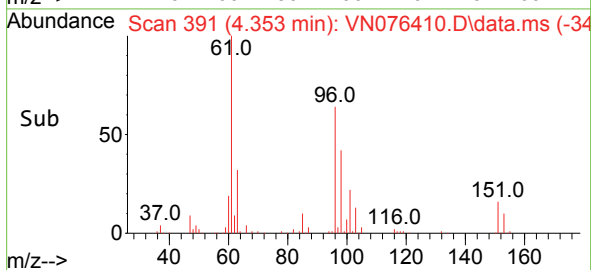
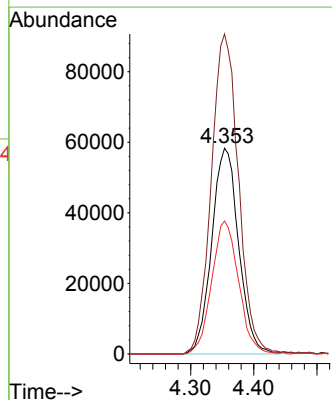
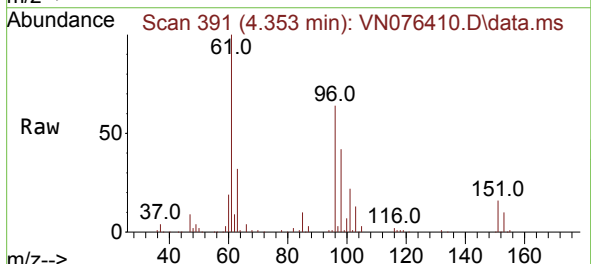
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

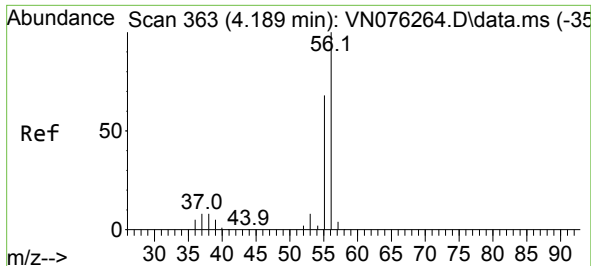
Tgt Ion: 59 Resp: 130058
Ion Ratio Lower Upper
59 100
57 11.1 8.5 12.7



#12
1,1-Dichloroethene
Concen: 48.711 ug/l
RT: 4.353 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

Tgt Ion: 96 Resp: 172785
Ion Ratio Lower Upper
96 100
61 155.5 108.2 162.4
98 64.6 47.0 70.6

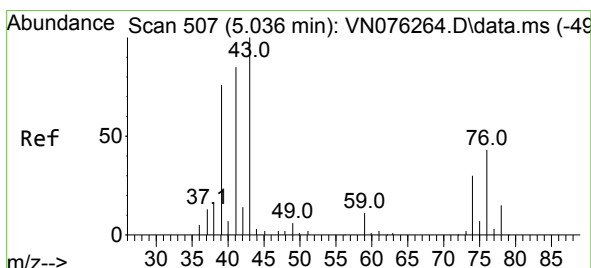
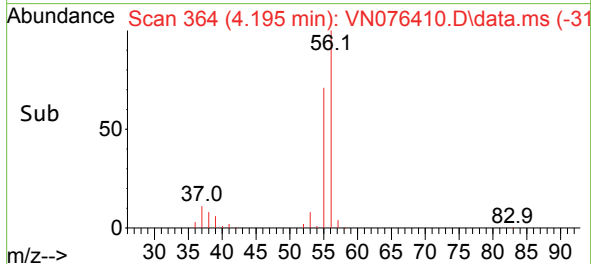
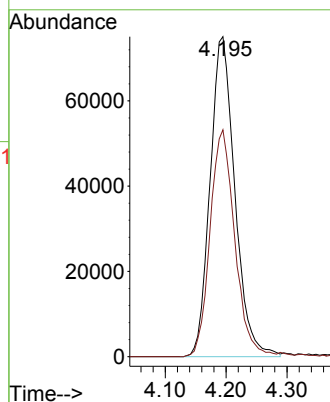
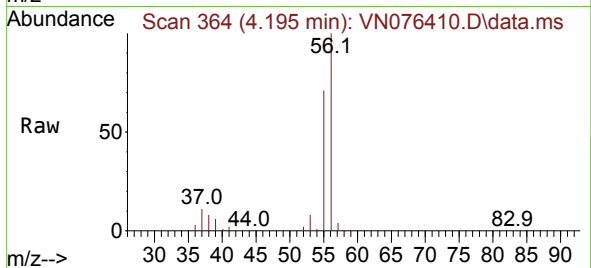




#13
Acrolein
Concen: 319.465 ug/l
RT: 4.195 min Scan# 364
Delta R.T. 0.006 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

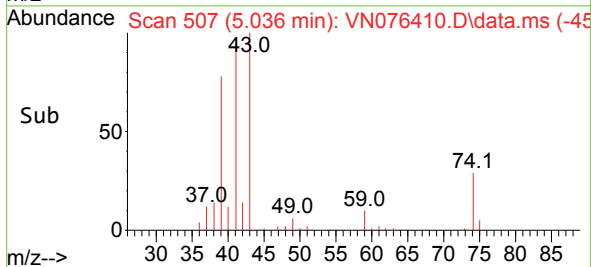
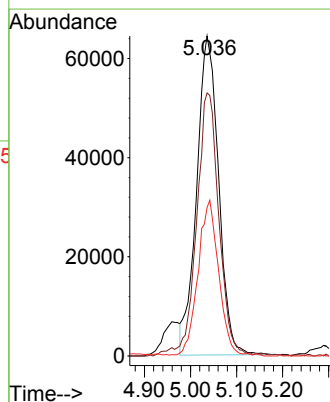
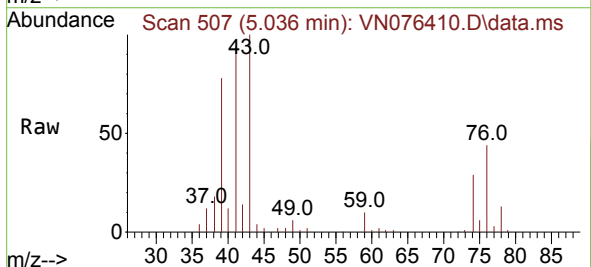
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

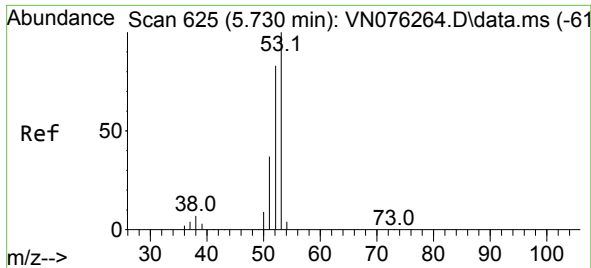
Tgt Ion: 56 Resp: 211900
Ion Ratio Lower Upper
56 100
55 70.6 55.8 83.6



#14
Allyl chloride
Concen: 51.688 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

Tgt Ion: 41 Resp: 213665
Ion Ratio Lower Upper
41 100
39 83.8 67.4 101.0
76 45.3 39.8 59.8

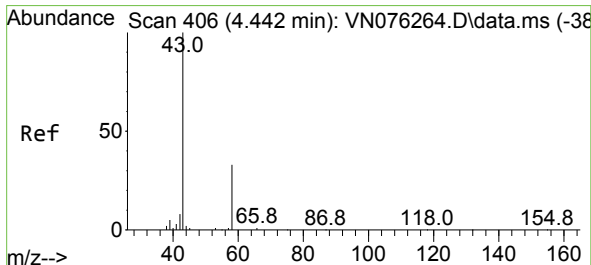
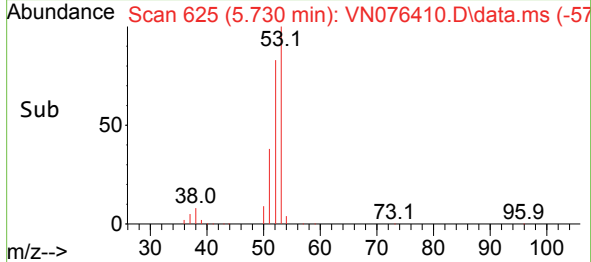
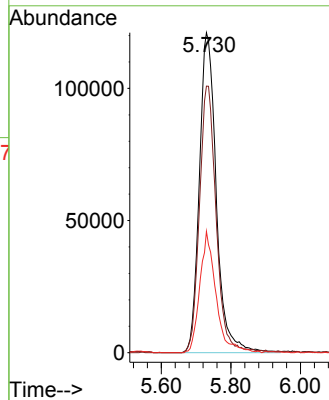
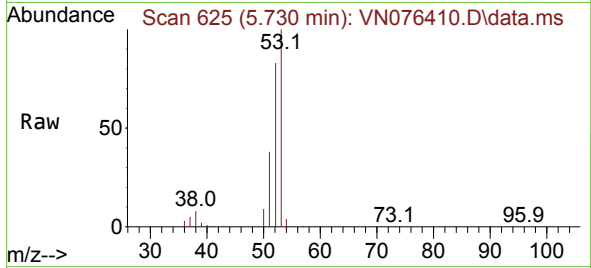




#15
Acrylonitrile
Concen: 259.690 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

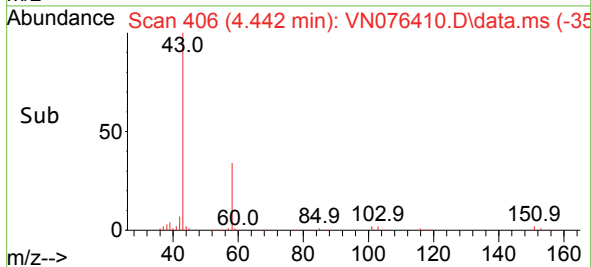
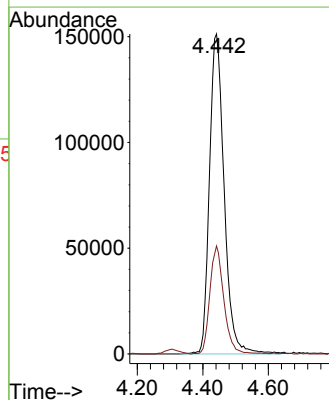
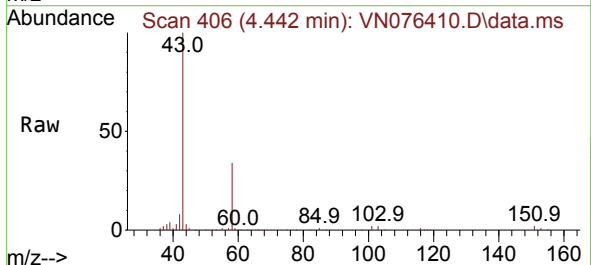
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

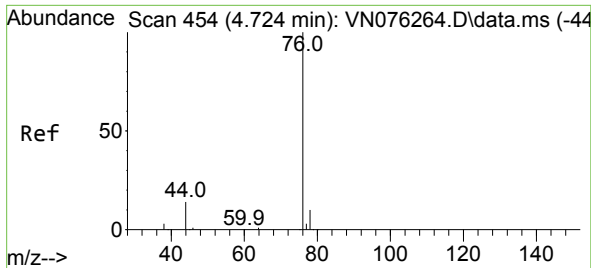
Tgt Ion: 53 Resp: 409877
Ion Ratio Lower Upper
53 100
52 82.1 64.7 97.1
51 36.2 29.2 43.8



#16
Acetone
Concen: 354.939 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

Tgt Ion: 43 Resp: 471774
Ion Ratio Lower Upper
43 100
58 33.6 26.7 40.1

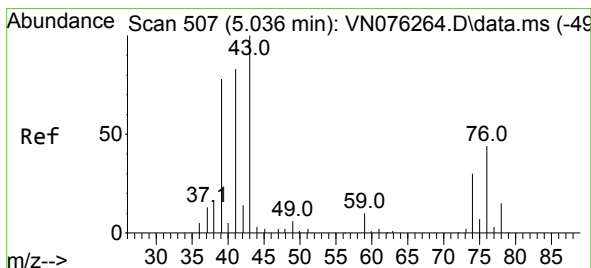
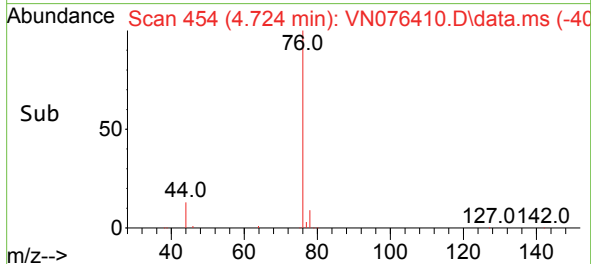
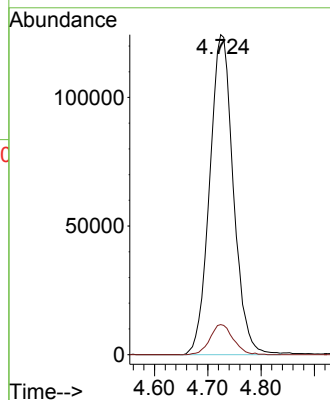
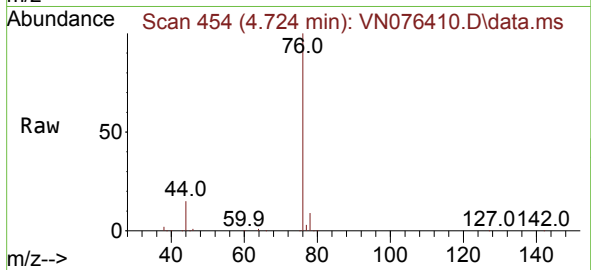




#17
Carbon Disulfide
Concen: 43.554 ug/l
RT: 4.724 min Scan# 454
Delta R.T. 0.000 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

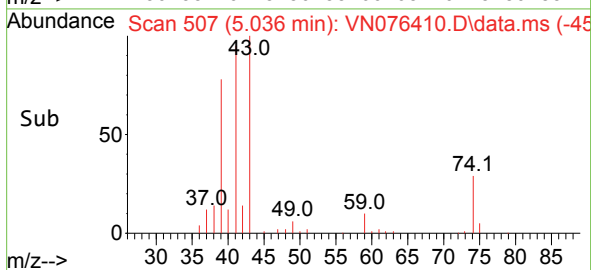
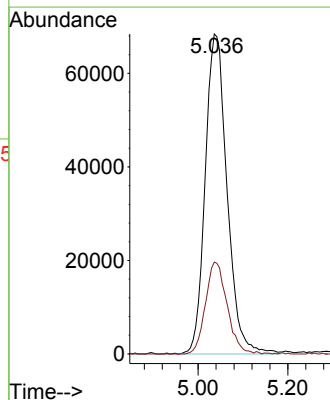
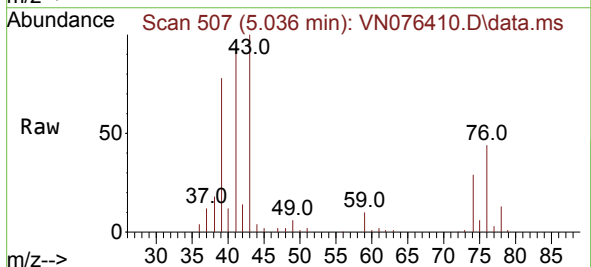
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

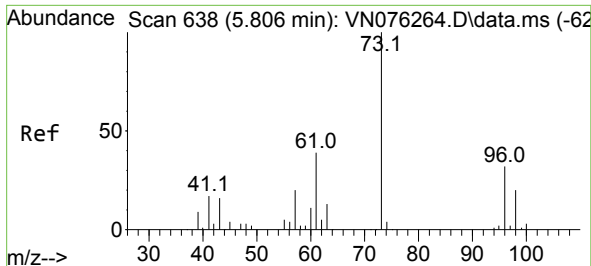
Tgt Ion: 76 Resp: 384678
Ion Ratio Lower Upper
76 100
78 9.4 8.0 12.0



#18
Methyl Acetate
Concen: 51.440 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

Tgt Ion: 43 Resp: 231736
Ion Ratio Lower Upper
43 100
74 28.3 23.3 34.9

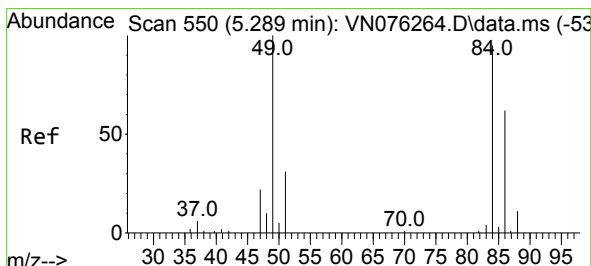
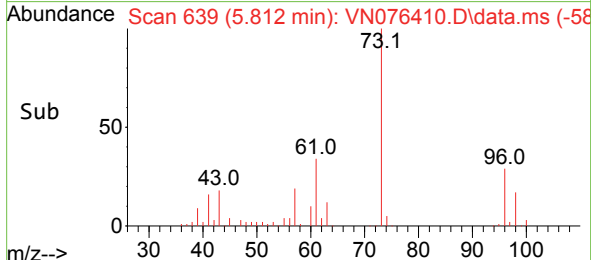
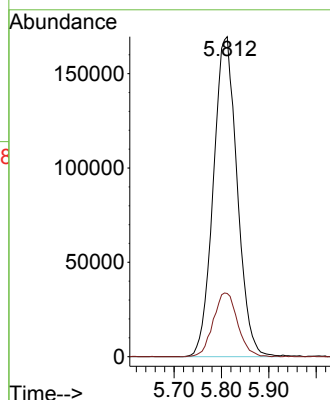
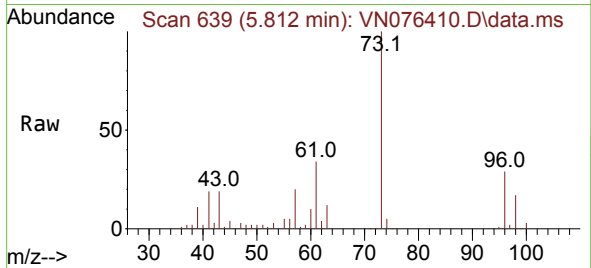




#19
Methyl tert-butyl Ether
Concen: 51.292 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

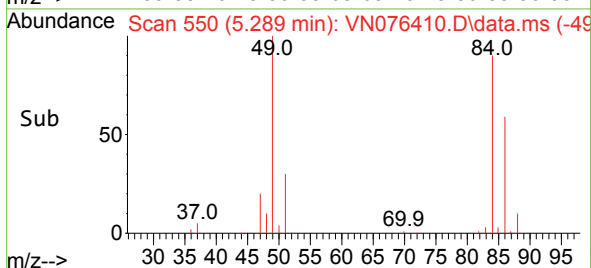
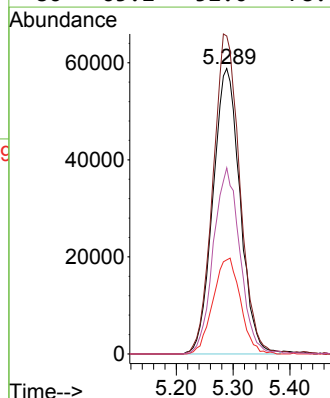
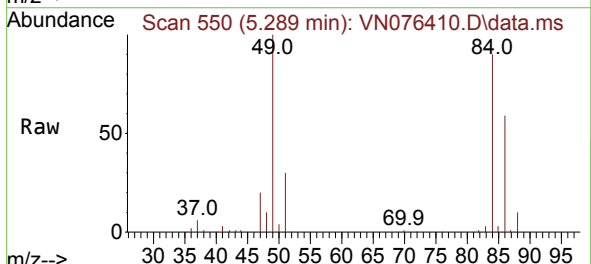
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

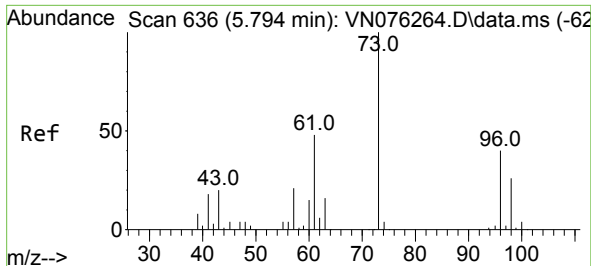
Tgt Ion: 73 Resp: 592312
Ion Ratio Lower Upper
73 100
57 19.8 15.9 23.9



#20
Methylene Chloride
Concen: 49.497 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

Tgt Ion: 84 Resp: 194716
Ion Ratio Lower Upper
84 100
49 111.3 84.5 126.7
51 33.0 26.0 39.0
86 65.2 52.0 78.0

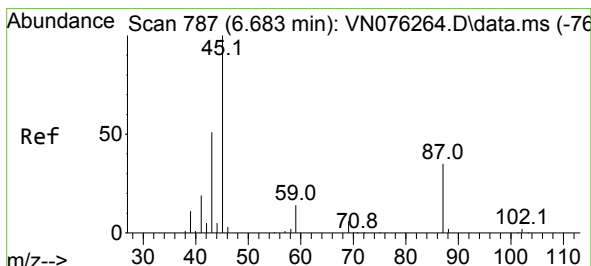
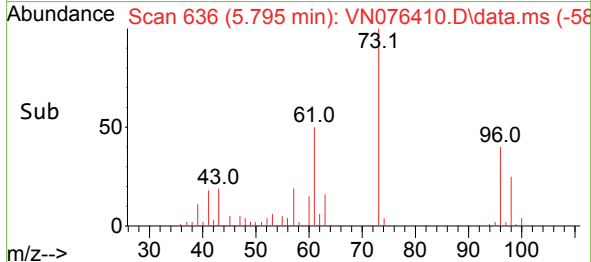
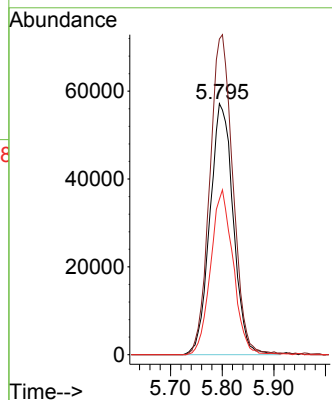
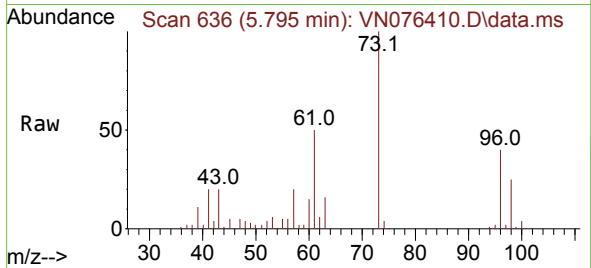




#21
trans-1,2-Dichloroethene
Concen: 46.621 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

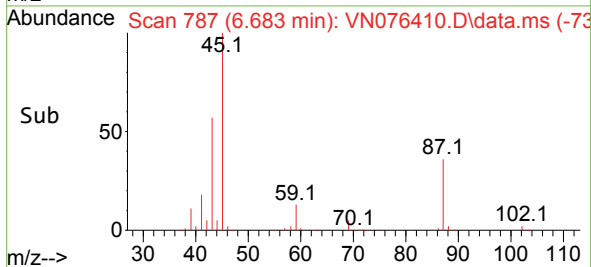
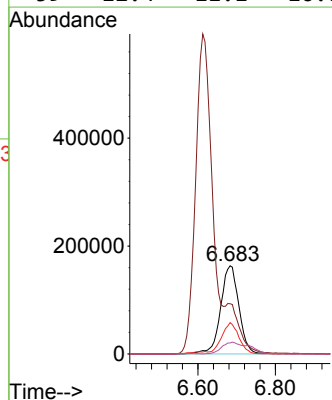
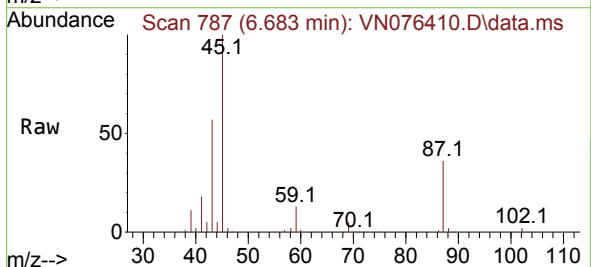
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

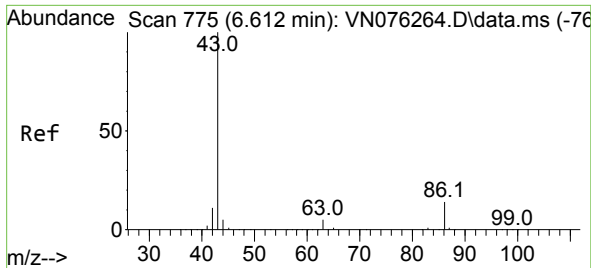
Tgt Ion: 96 Resp: 179154
Ion Ratio Lower Upper
96 100
61 125.8 97.0 145.4
98 61.9 51.9 77.9



#22
Diisopropyl ether
Concen: 54.994 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

Tgt Ion: 45 Resp: 536098
Ion Ratio Lower Upper
45 100
43 56.0 44.4 66.6
87 35.5 28.4 42.6
59 12.4 11.1 16.7

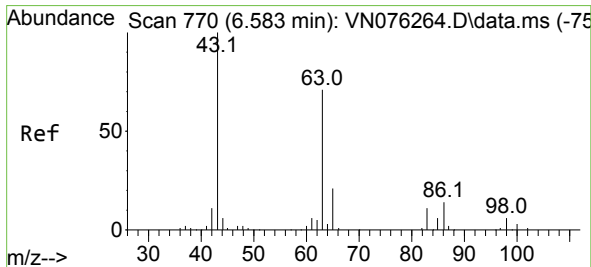
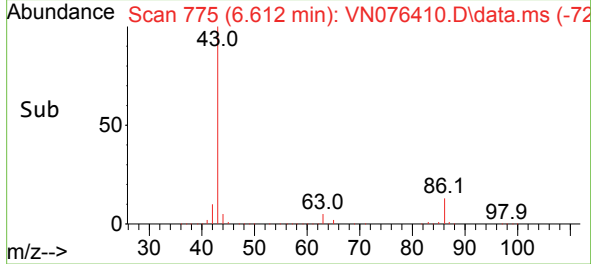
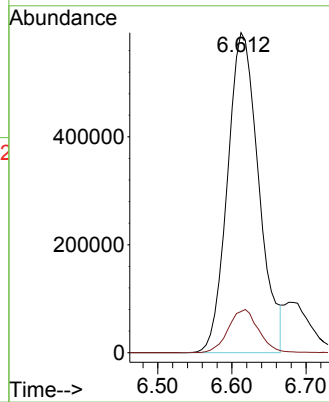
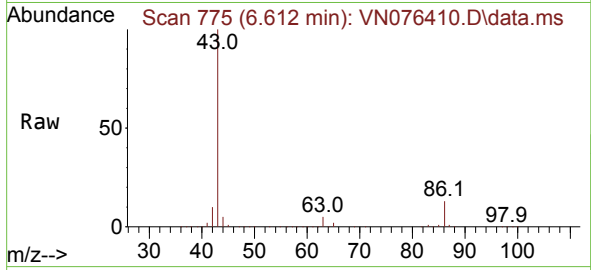




#23
 Vinyl Acetate
 Concen: 276.379 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN076410.D
 Acq: 26 Jan 2023 09:58

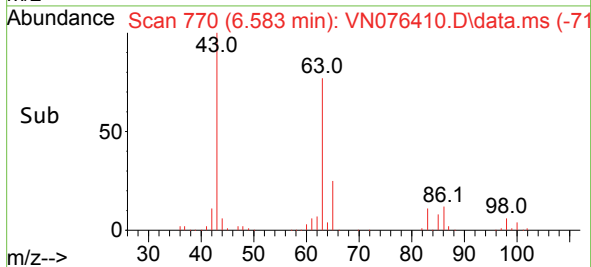
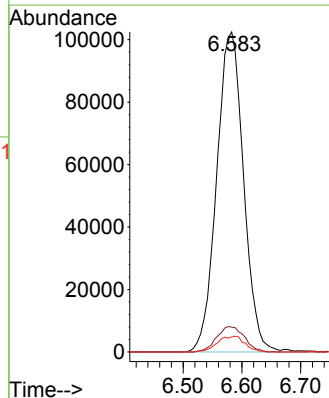
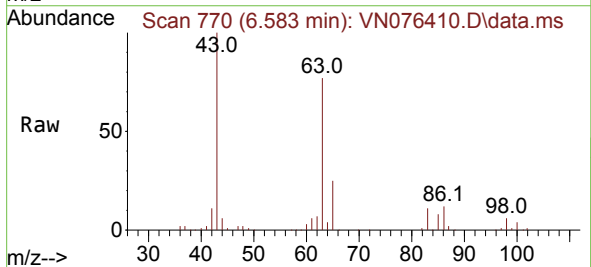
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

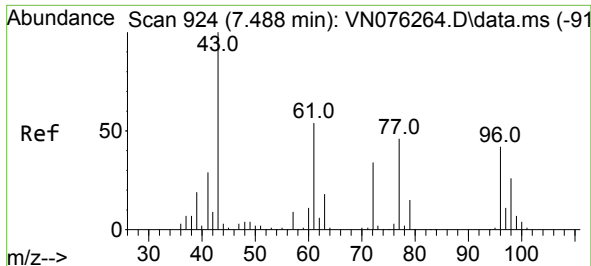
Tgt Ion: 43 Resp: 1741261
 Ion Ratio Lower Upper
 43 100
 86 12.9 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 50.025 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VN076410.D
 Acq: 26 Jan 2023 09:58

Tgt Ion: 63 Resp: 325059
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 4.7 2.2 6.6





#25

2-Butanone

Concen: 276.712 ug/l

RT: 7.489 min Scan# 91

Delta R.T. 0.001 min

Lab File: VN076410.D

Acq: 26 Jan 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

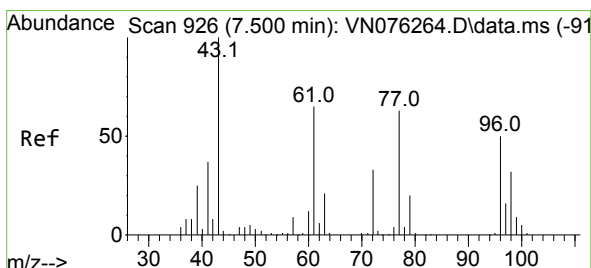
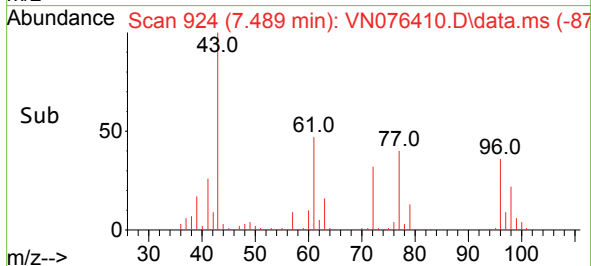
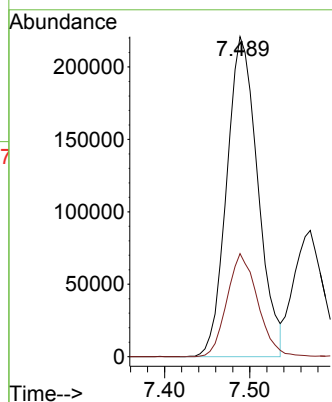
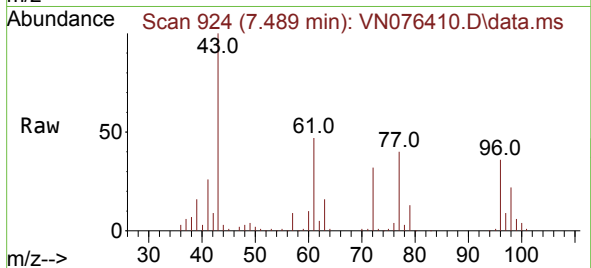
VSTDCCC050

Tgt Ion: 43 Resp: 561786

Ion Ratio Lower Upper

43 100

72 32.2 27.4 41.2



#26

2,2-Dichloropropane

Concen: 51.788 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN076410.D

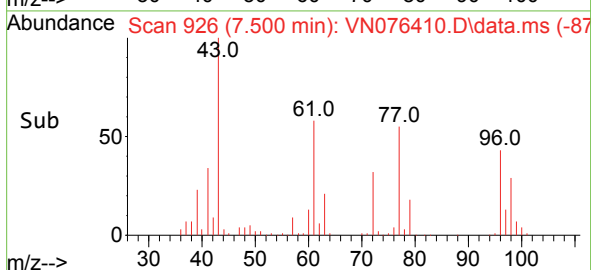
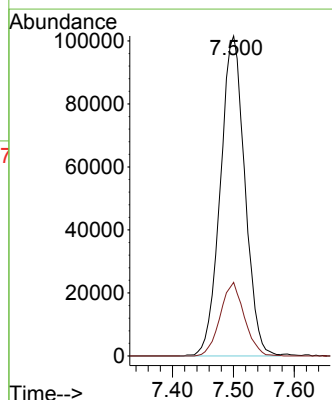
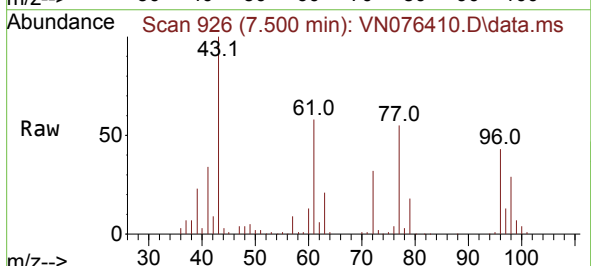
Acq: 26 Jan 2023 09:58

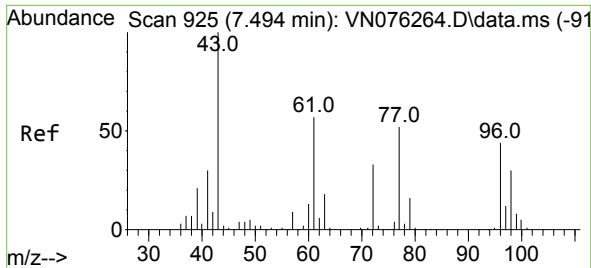
Tgt Ion: 77 Resp: 283625

Ion Ratio Lower Upper

77 100

97 22.7 11.8 35.4

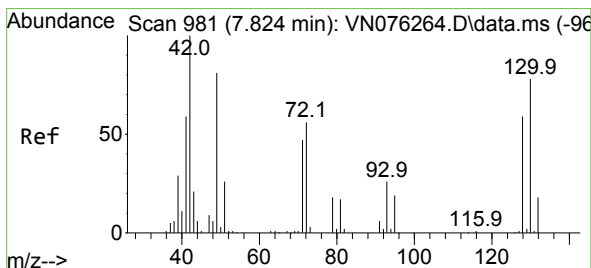
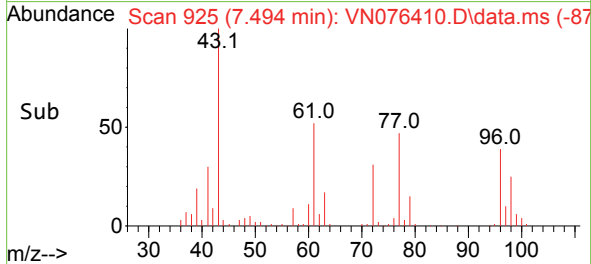
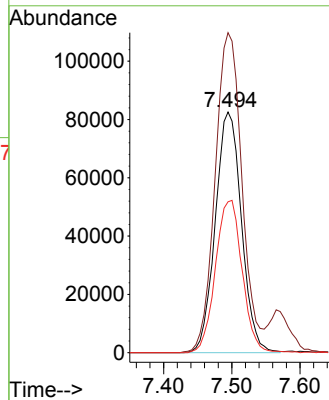
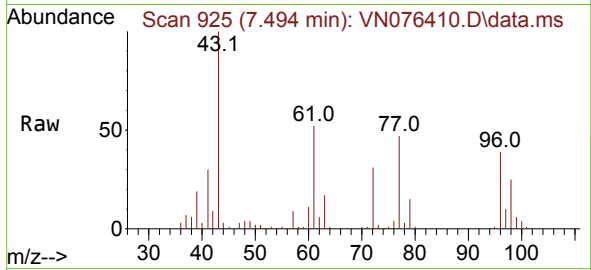




#27
 cis-1,2-Dichloroethene
 Concen: 49.226 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN076410.D
 Acq: 26 Jan 2023 09:58

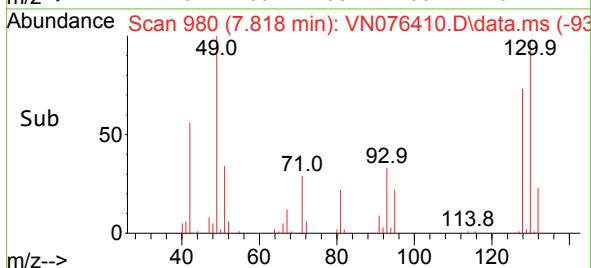
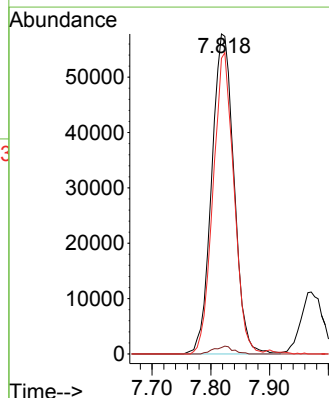
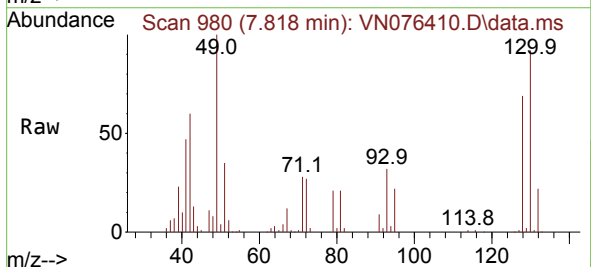
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

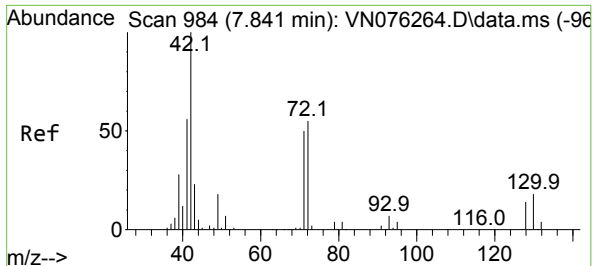
Tgt Ion: 96 Resp: 220630
 Ion Ratio Lower Upper
 96 100
 61 136.5 0.0 259.6
 98 64.6 0.0 129.4



#28
 Bromochloromethane
 Concen: 57.865 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN076410.D
 Acq: 26 Jan 2023 09:58

Tgt Ion: 49 Resp: 152405
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 5.2
 130 88.0 76.0 114.0





#29

Tetrahydrofuran

Concen: 268.614 ug/l

RT: 7.847 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076410.D

Acq: 26 Jan 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

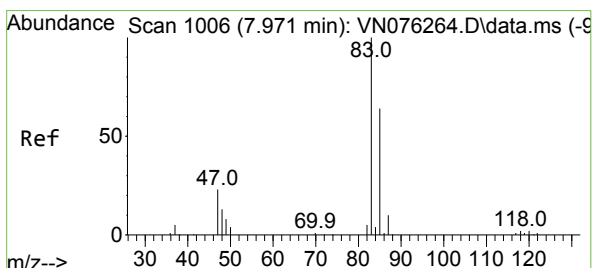
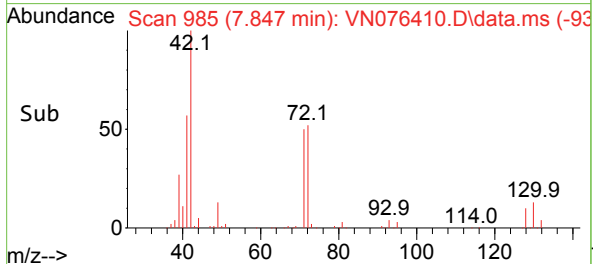
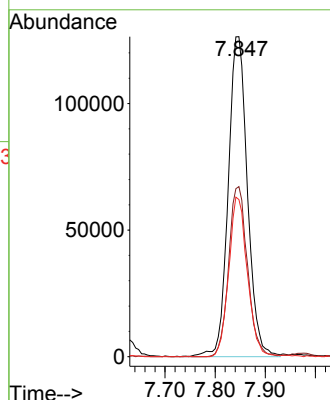
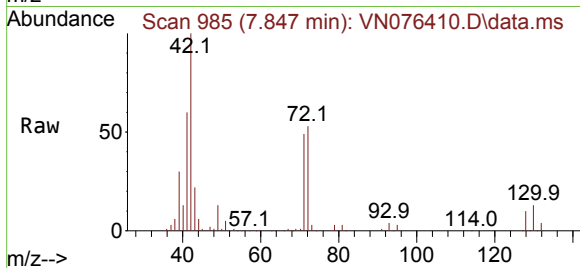
Tgt Ion: 42 Resp: 336579

Ion Ratio Lower Upper

42 100

72 52.1 44.0 66.0

71 48.2 41.1 61.7



#30

Chloroform

Concen: 52.098 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN076410.D

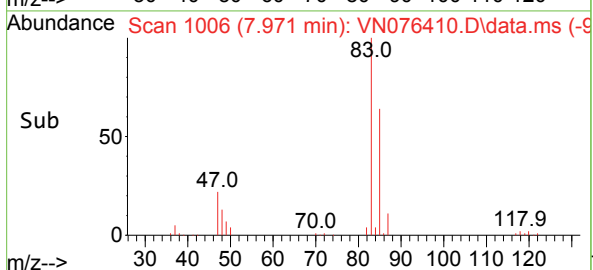
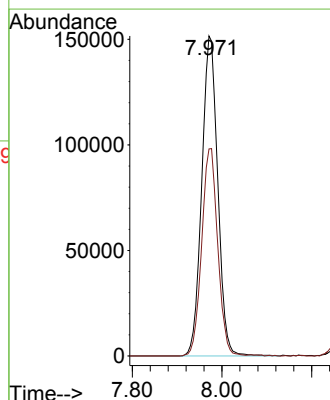
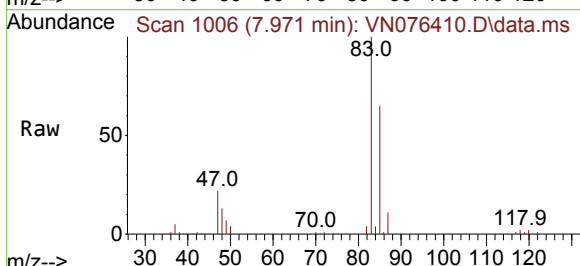
Acq: 26 Jan 2023 09:58

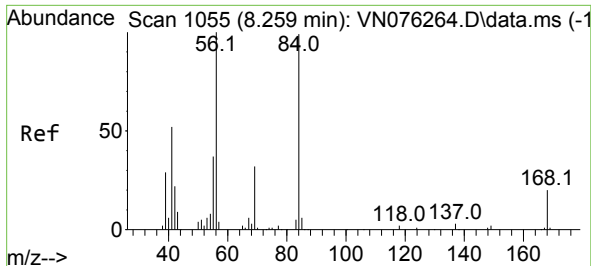
Tgt Ion: 83 Resp: 374583

Ion Ratio Lower Upper

83 100

85 64.7 51.0 76.6

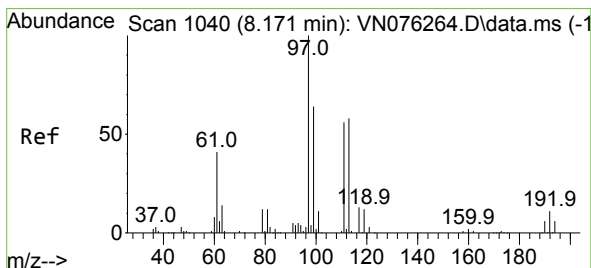
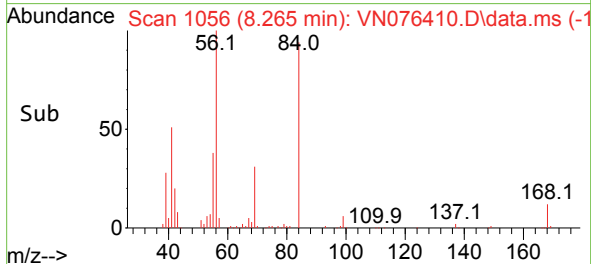
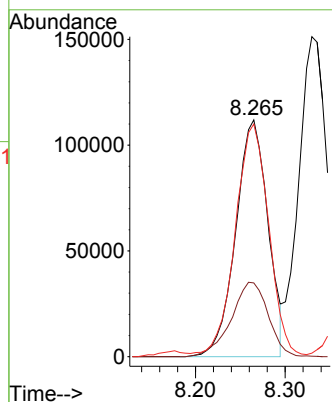
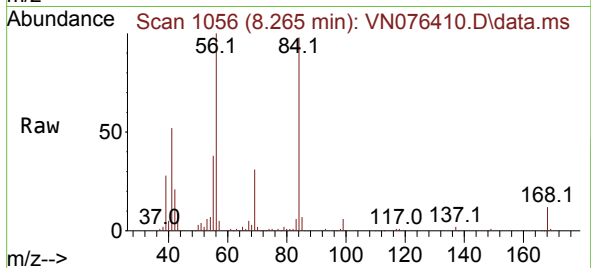




#31
Cyclohexane
Concen: 43.845 ug/l
RT: 8.265 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

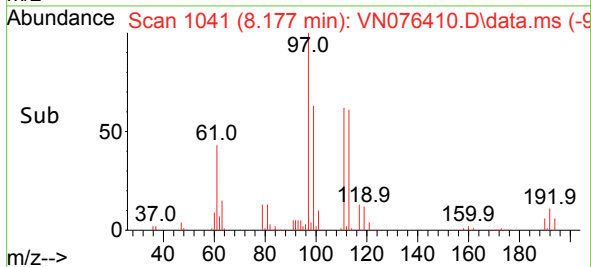
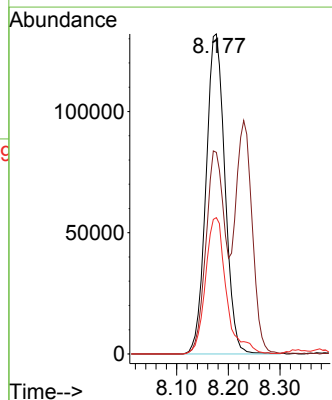
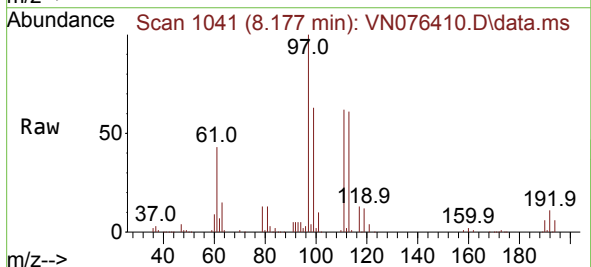
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

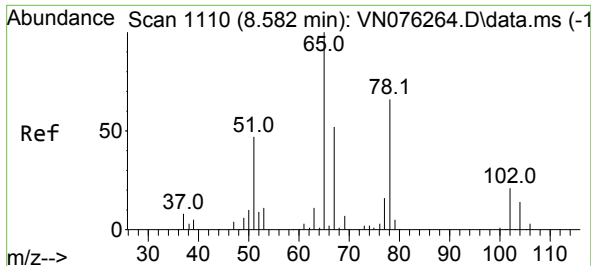
Tgt Ion: 56 Resp: 279290
Ion Ratio Lower Upper
56 100
69 31.2 25.8 38.8
84 96.5 79.0 118.4



#32
1,1,1-Trichloroethane
Concen: 51.138 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

Tgt Ion: 97 Resp: 335691
Ion Ratio Lower Upper
97 100
99 62.5 55.0 82.4
61 47.0 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 56.715 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.001 min

Lab File: VN076410.D

Acq: 26 Jan 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

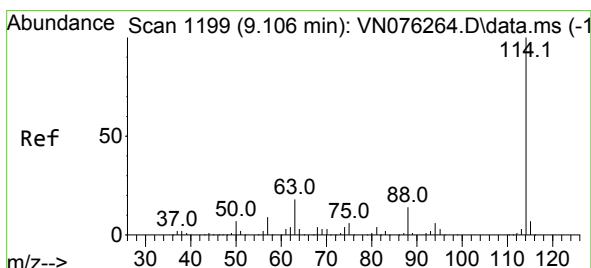
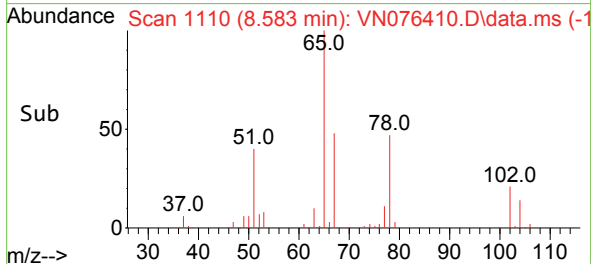
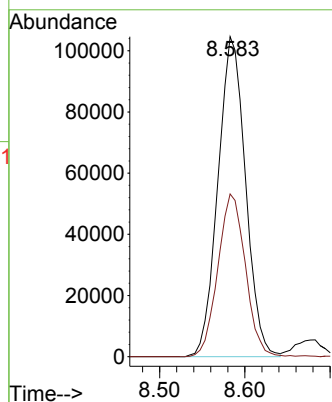
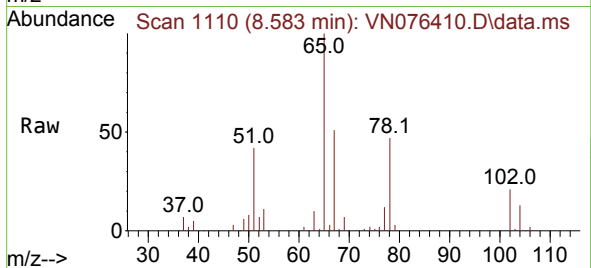
VSTDCCC050

Tgt Ion: 65 Resp: 235177

Ion Ratio Lower Upper

65 100

67 50.7 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: VN076410.D

Acq: 26 Jan 2023 09:58

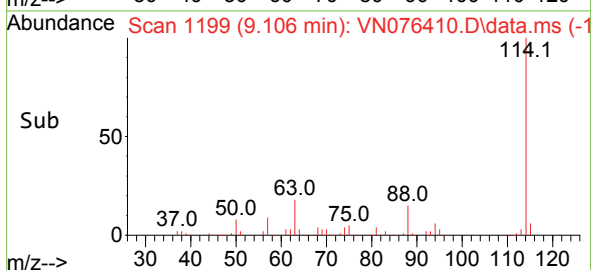
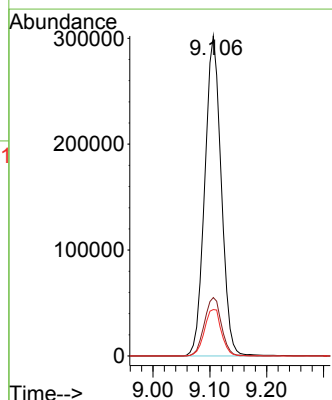
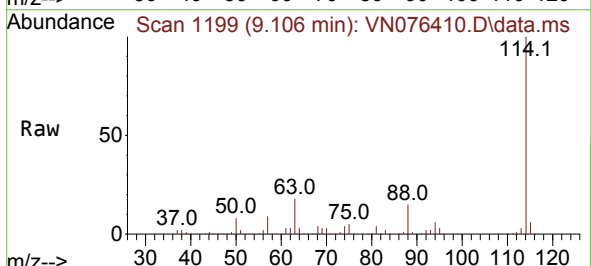
Tgt Ion: 114 Resp: 606069

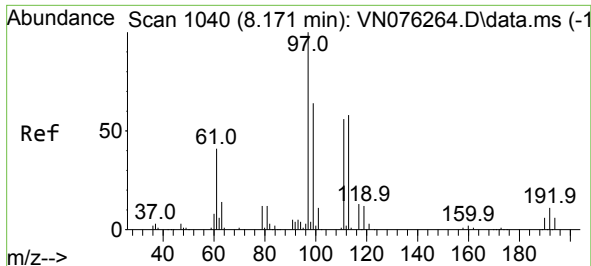
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.8

88 14.5 0.0 28.0

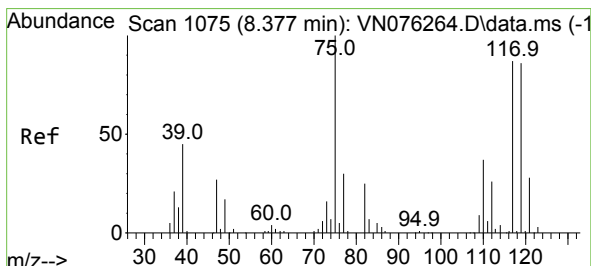
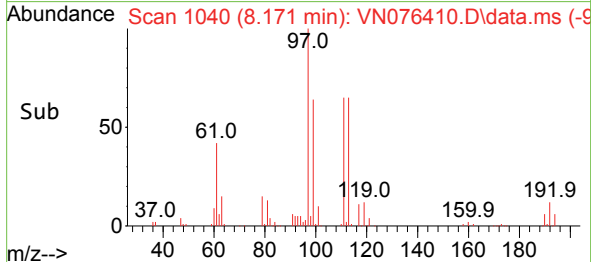
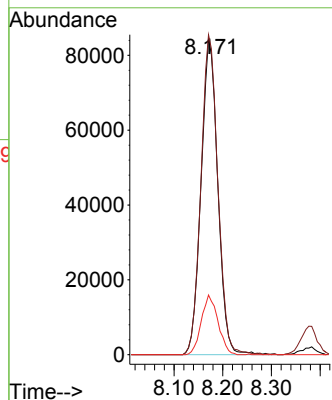
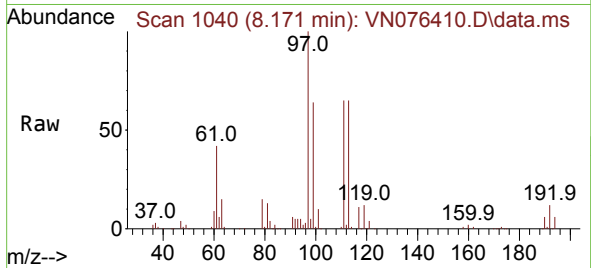




#35
Dibromofluoromethane
Concen: 53.079 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

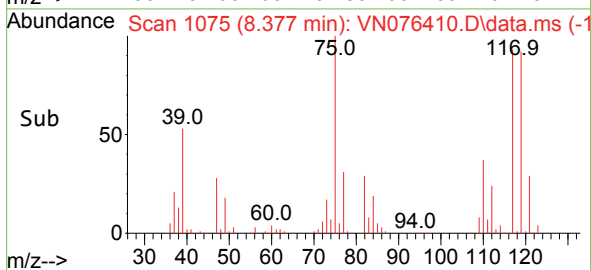
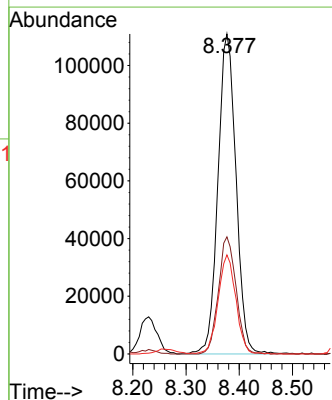
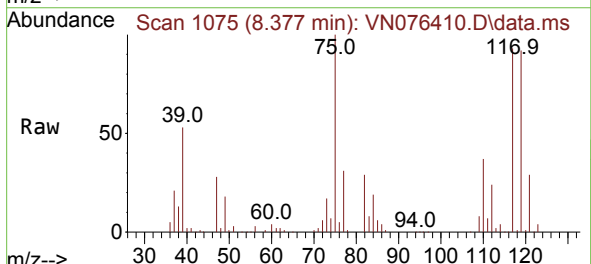
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

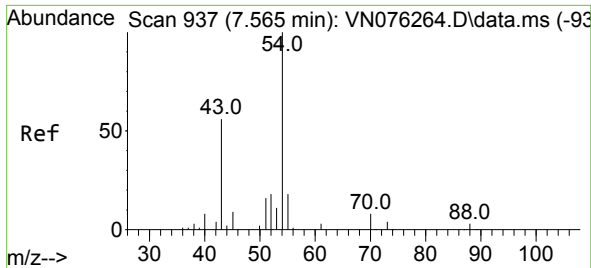
Tgt Ion:113 Resp: 201232
Ion Ratio Lower Upper
113 100
111 102.4 82.7 124.1
192 18.8 15.6 23.4



#36
1,1-Dichloropropene
Concen: 48.520 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

Tgt Ion: 75 Resp: 261391
Ion Ratio Lower Upper
75 100
110 35.8 18.8 56.3
77 30.5 25.0 37.4

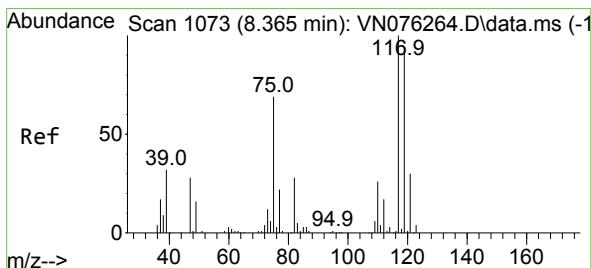
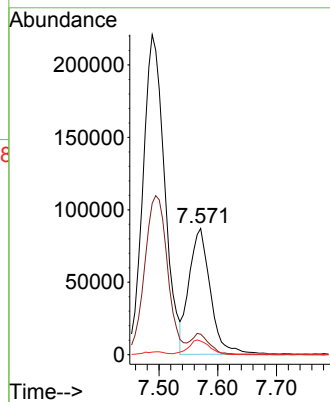
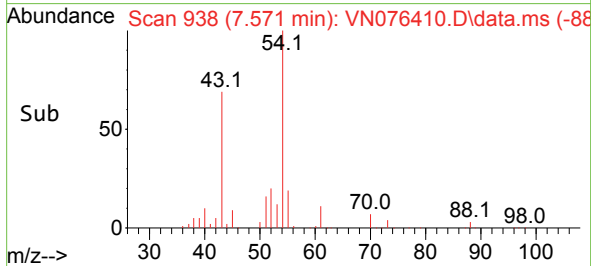
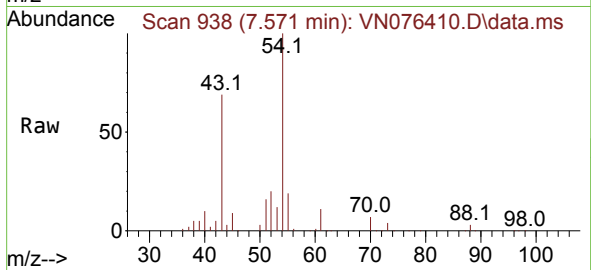




#37
Ethyl Acetate
Concen: 50.644 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

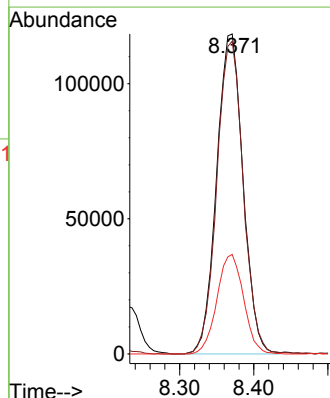
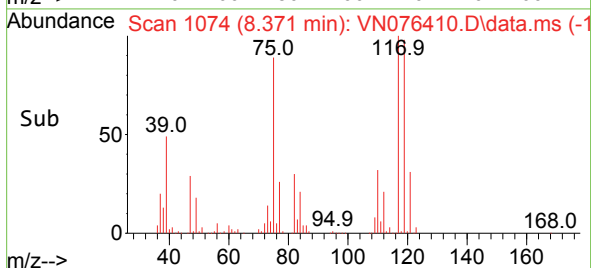
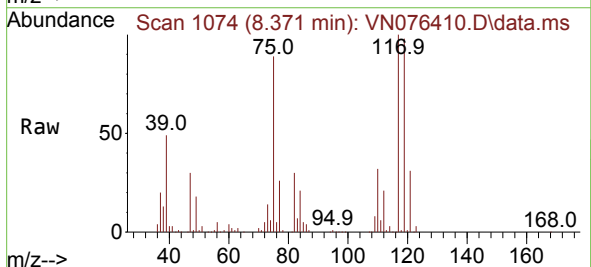
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

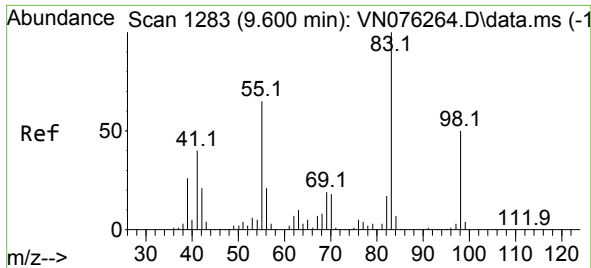
Tgt Ion: 43 Resp: 218839
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 11.2 10.0 15.0



#38
Carbon Tetrachloride
Concen: 48.829 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

Tgt Ion: 117 Resp: 293346
Ion Ratio Lower Upper
117 100
119 97.7 75.4 113.0
121 31.1 24.2 36.2

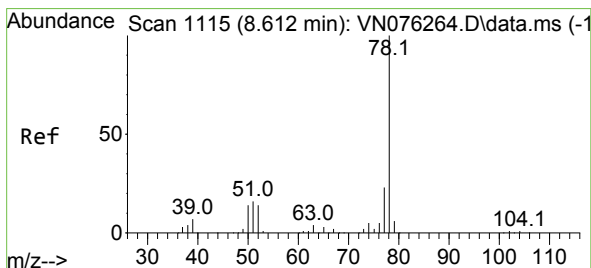
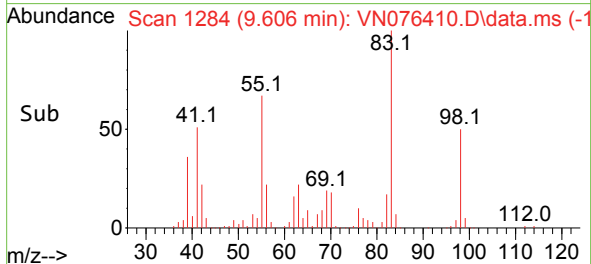
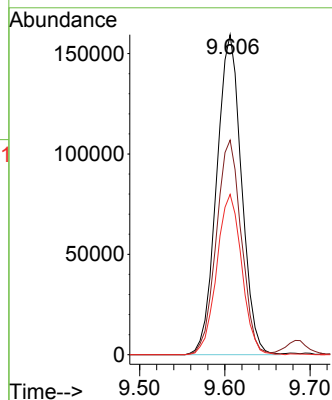
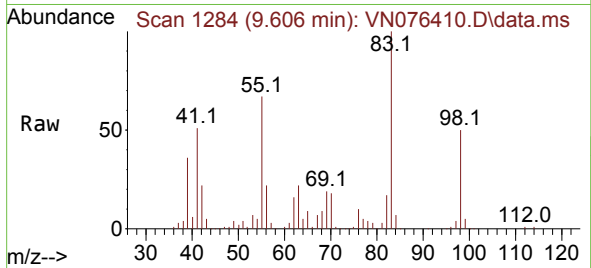




#39
Methylcyclohexane
Concen: 49.074 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

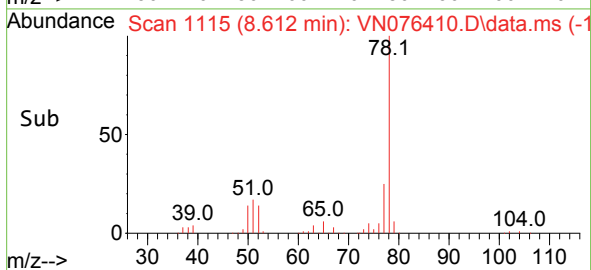
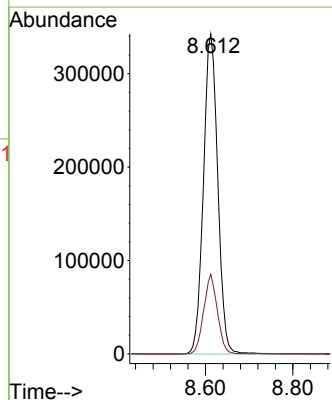
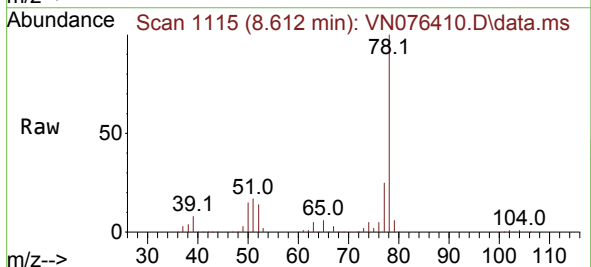
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

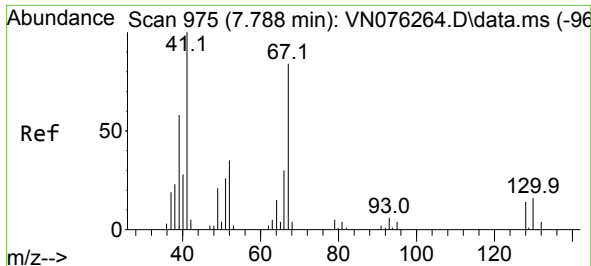
Tgt Ion: 83 Resp: 322844
Ion Ratio Lower Upper
83 100
55 67.0 51.7 77.5
98 50.1 40.0 60.0



#40
Benzene
Concen: 48.530 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

Tgt Ion: 78 Resp: 781759
Ion Ratio Lower Upper
78 100
77 25.0 18.6 28.0



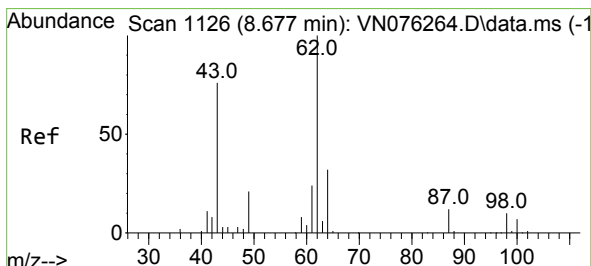
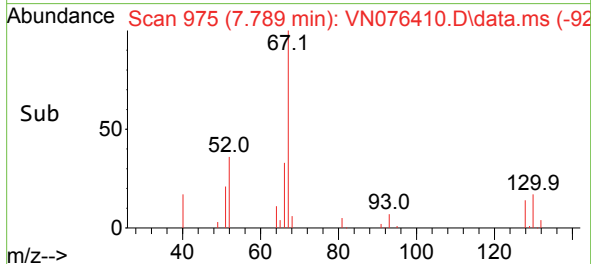
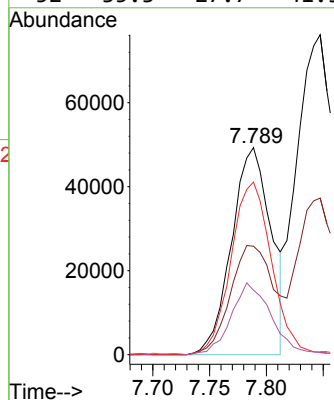
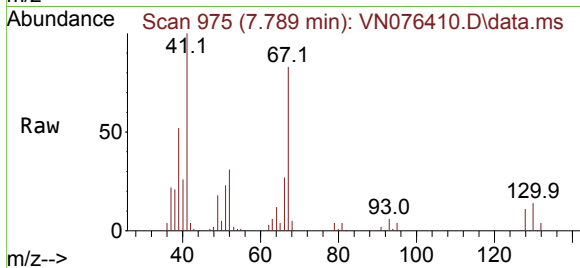


#41
Methacrylonitrile
Concen: 52.710 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.001 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 119256

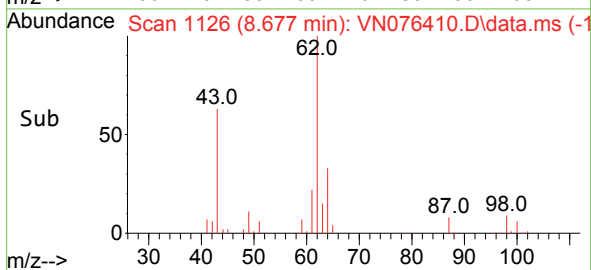
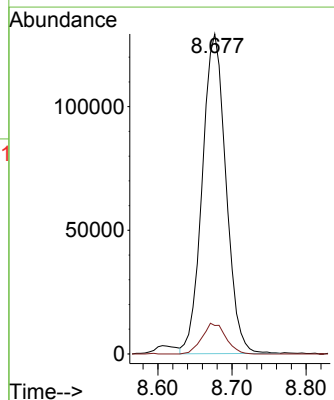
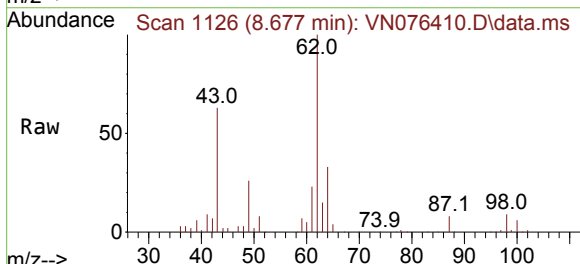
Ion	Ratio	Lower	Upper
41	100		
39	60.4	42.4	63.6
67	86.3	68.8	103.2
52	35.3	27.7	41.5

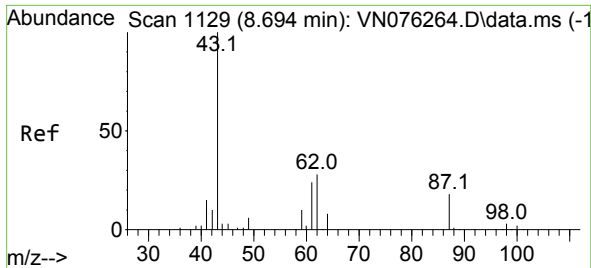


#42
1,2-Dichloroethane
Concen: 52.025 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

Tgt Ion: 62 Resp: 286736

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.4

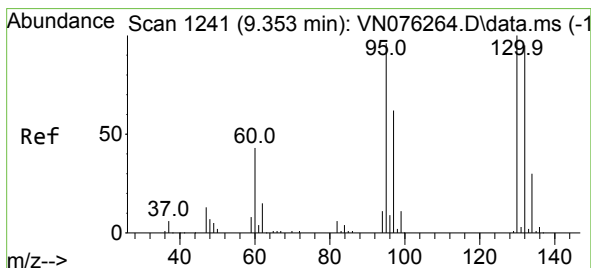
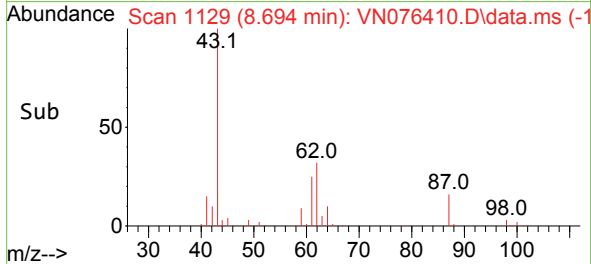
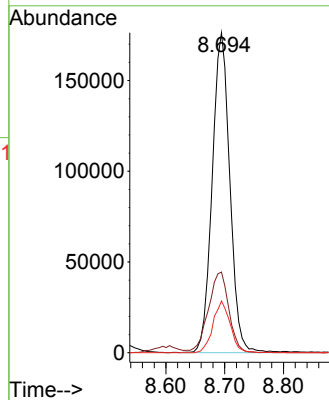
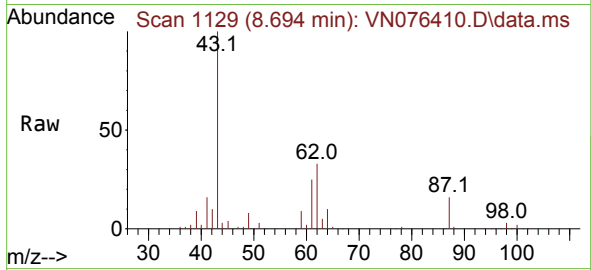




#43
Isopropyl Acetate
Concen: 52.229 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

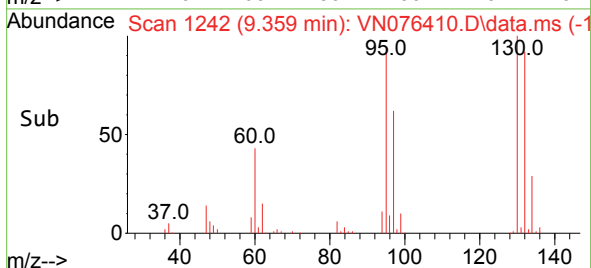
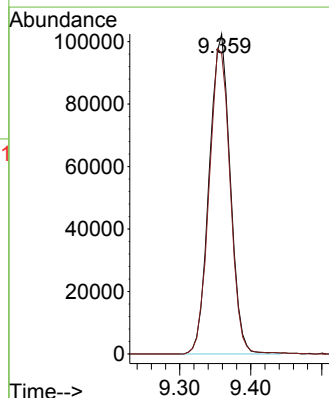
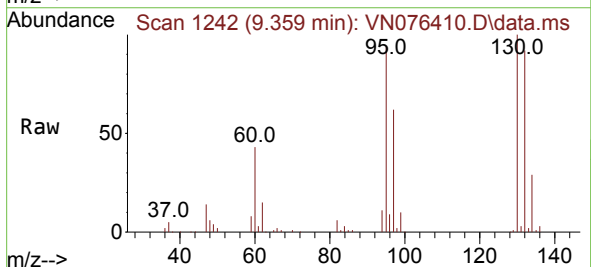
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

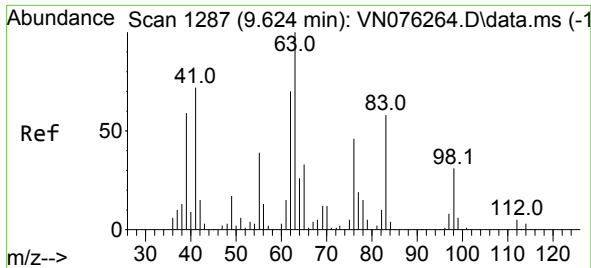
Tgt Ion: 43 Resp: 367146
Ion Ratio Lower Upper
43 100
61 29.1 23.5 35.3
87 15.7 13.8 20.6



#44
Trichloroethene
Concen: 46.142 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

Tgt Ion:130 Resp: 210224
Ion Ratio Lower Upper
130 100
95 93.9 0.0 192.0

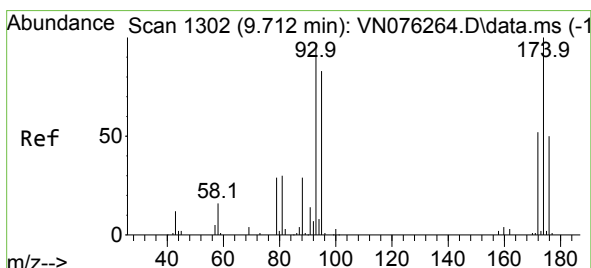
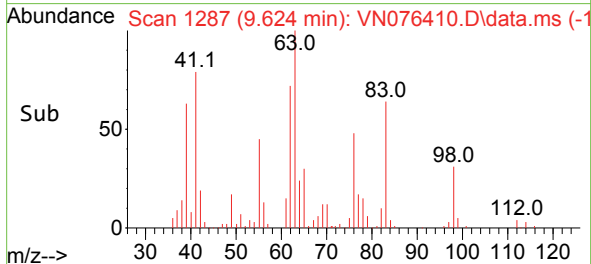
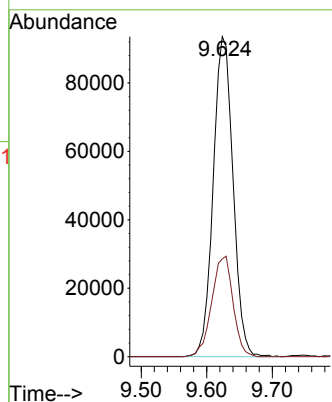
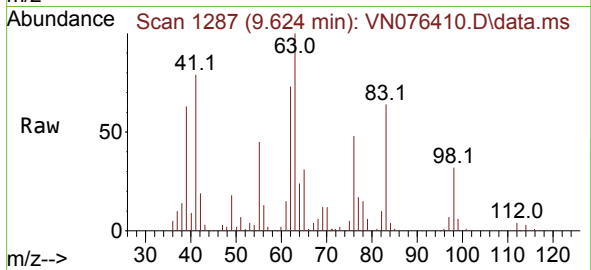




#45
1,2-Dichloropropane
Concen: 50.852 ug/l
RT: 9.624 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

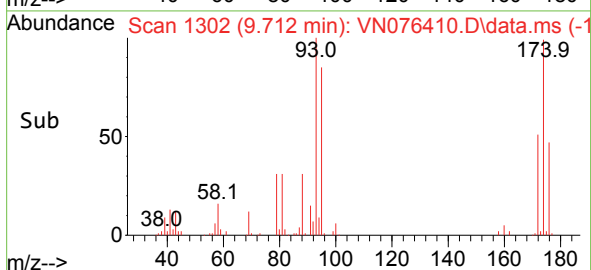
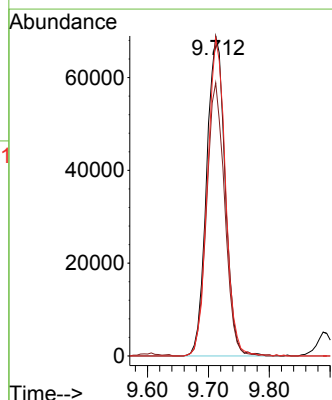
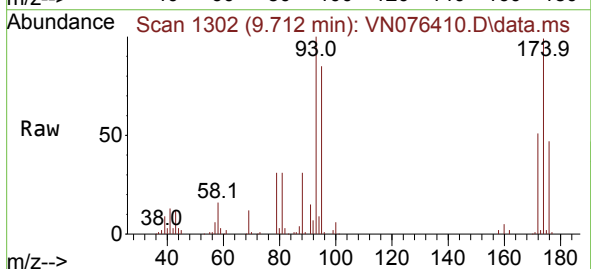
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

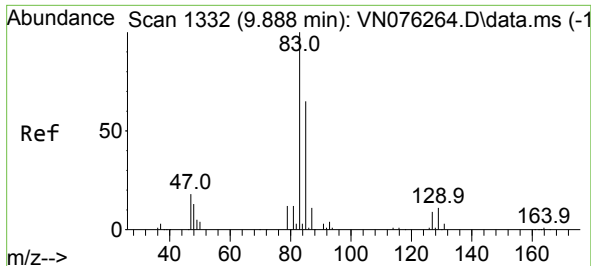
Tgt Ion: 63 Resp: 196122
Ion Ratio Lower Upper
63 100
65 30.6 26.4 39.6



#46
Dibromomethane
Concen: 50.081 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

Tgt Ion: 93 Resp: 145830
Ion Ratio Lower Upper
93 100
95 83.4 66.0 99.0
174 96.4 81.3 121.9

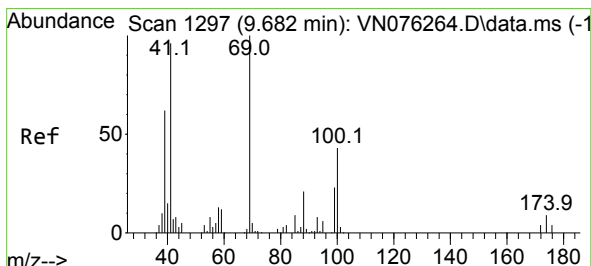
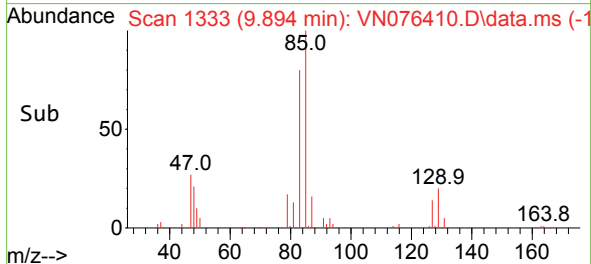
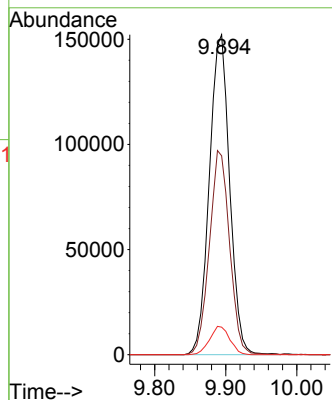
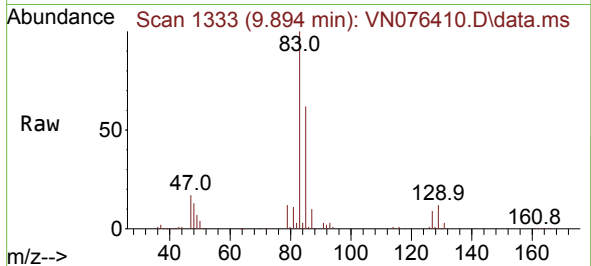




#47
Bromodichloromethane
Concen: 53.473 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

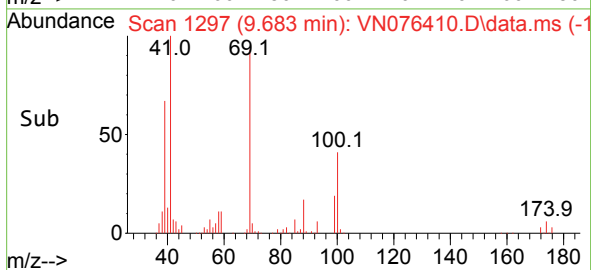
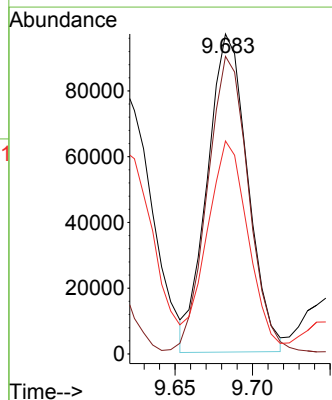
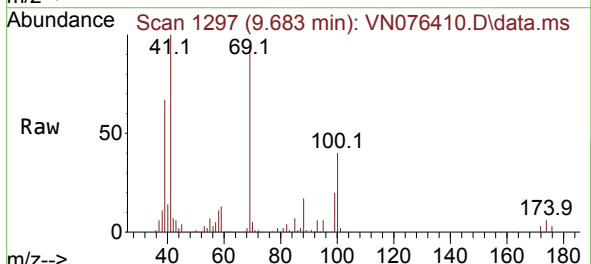
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

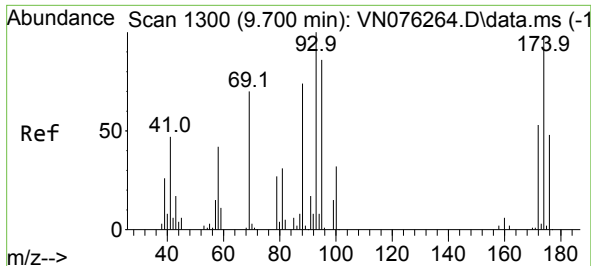
Tgt Ion: 83 Resp: 302001
Ion Ratio Lower Upper
83 100
85 62.1 52.1 78.1
127 8.6 7.4 11.0



#48
Methyl methacrylate
Concen: 52.840 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. 0.001 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

Tgt Ion: 41 Resp: 175846
Ion Ratio Lower Upper
41 100
69 97.2 80.8 121.2
39 68.7 54.4 81.6





#49

1,4-Dioxane

Concen: 1002.576 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076410.D

Acq: 26 Jan 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

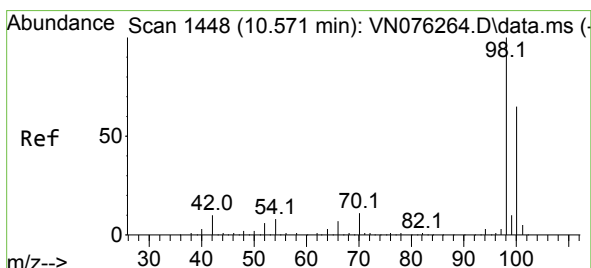
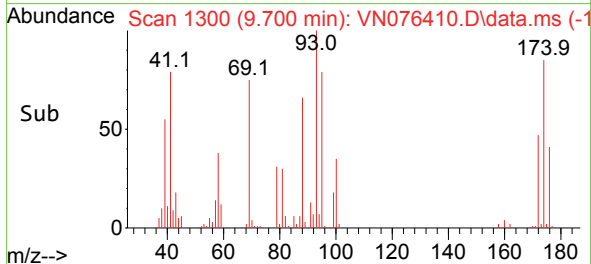
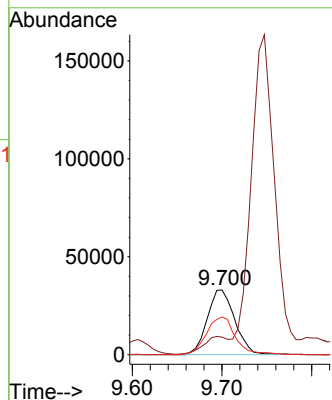
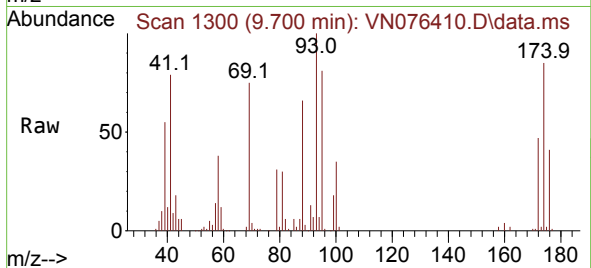
Tgt Ion: 88 Resp: 70401

Ion Ratio Lower Upper

88 100

43 23.4 18.1 27.1

58 61.4 46.5 69.7



#50

Toluene-d8

Concen: 52.073 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076410.D

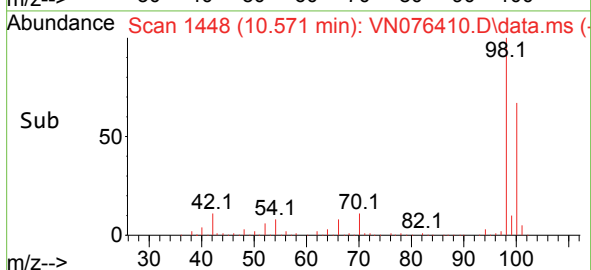
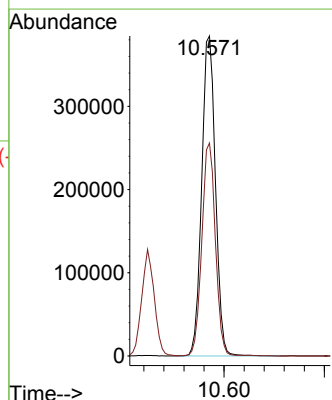
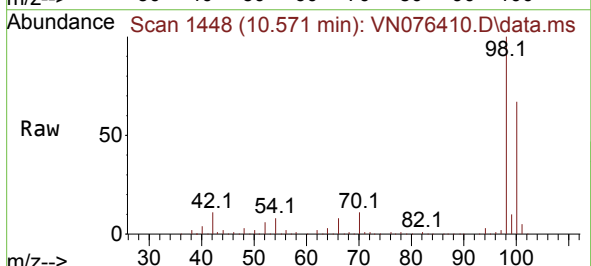
Acq: 26 Jan 2023 09:58

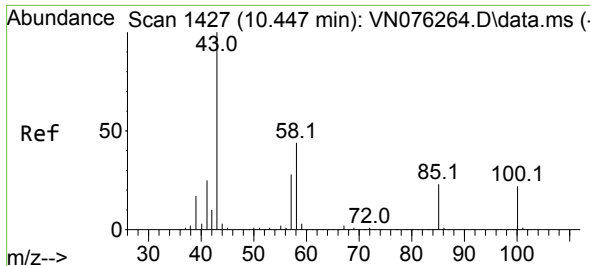
Tgt Ion: 98 Resp: 729097

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.4

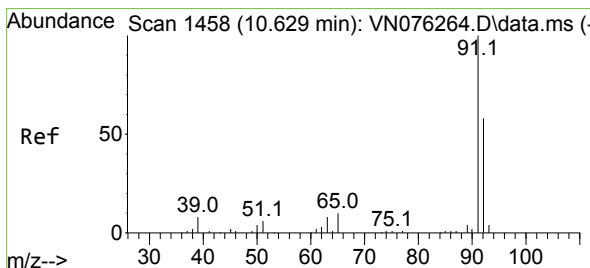
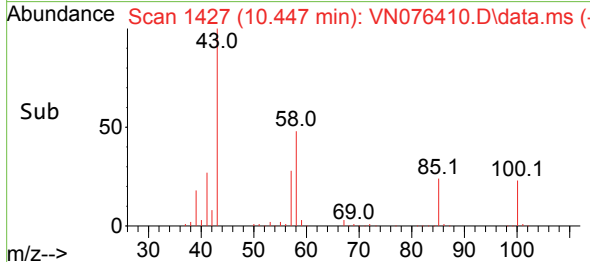
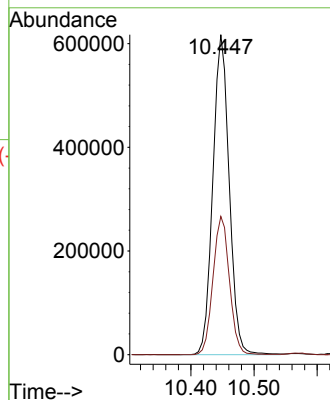
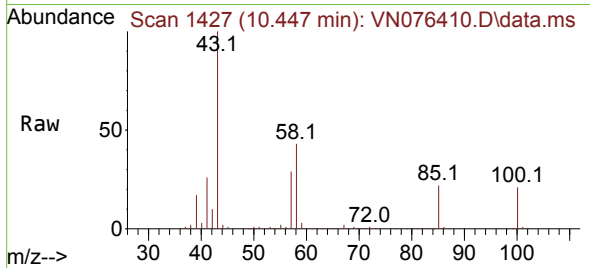




#51
4-Methyl-2-Pentanone
Concen: 268.666 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

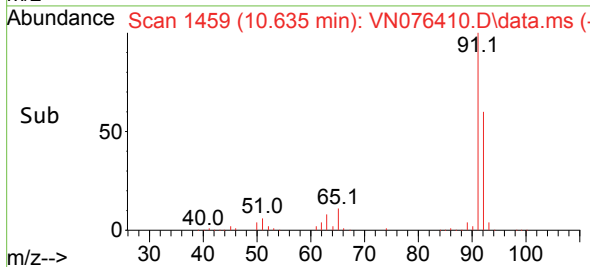
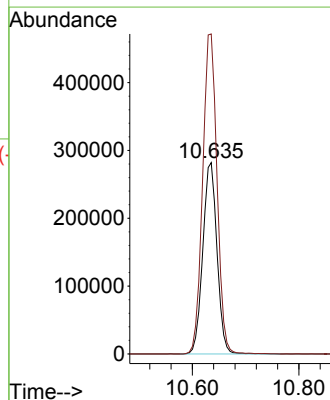
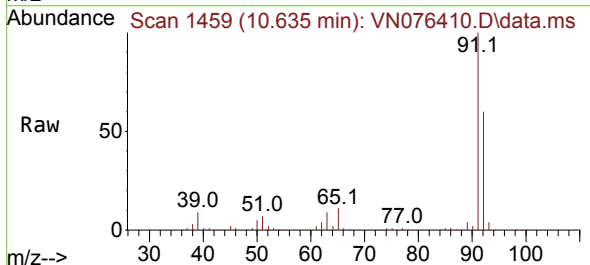
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

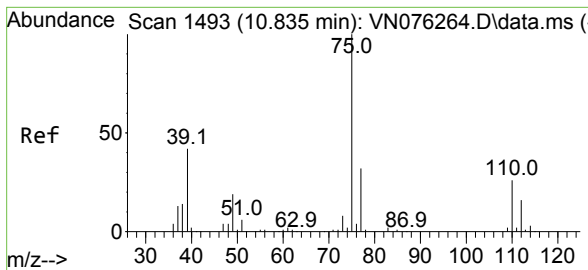
Tgt Ion: 43 Resp: 1108671
Ion Ratio Lower Upper
43 100
58 43.5 35.1 52.7



#52
Toluene
Concen: 48.379 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

Tgt Ion: 92 Resp: 521158
Ion Ratio Lower Upper
92 100
91 169.9 136.6 205.0

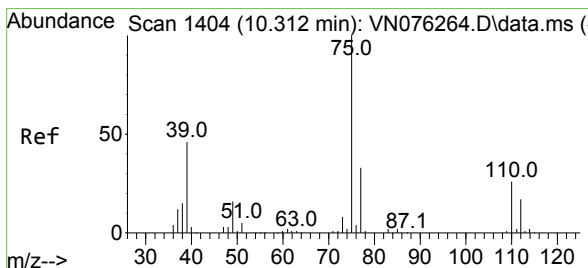
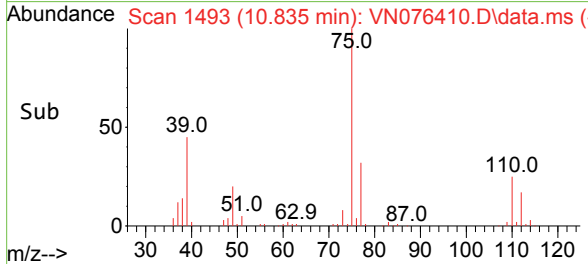
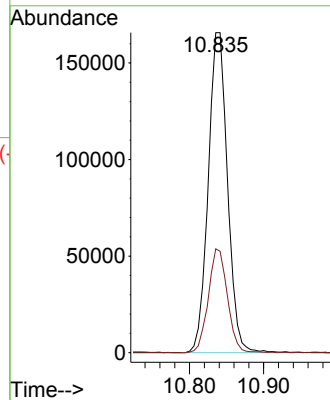
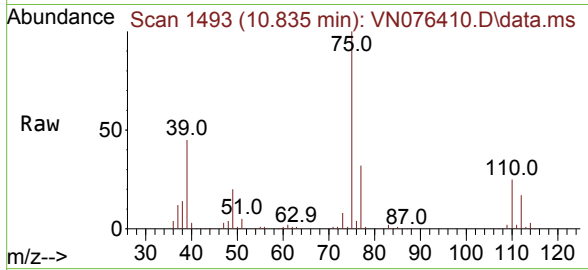




#53
 t-1,3-Dichloropropene
 Concen: 55.660 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VN076410.D
 Acq: 26 Jan 2023 09:58

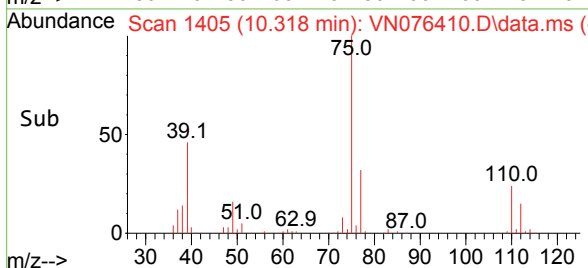
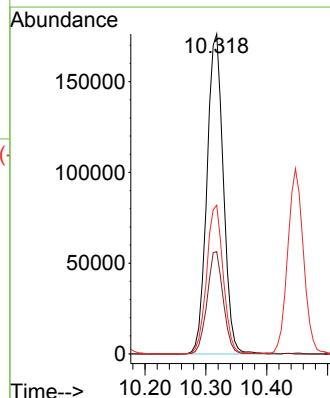
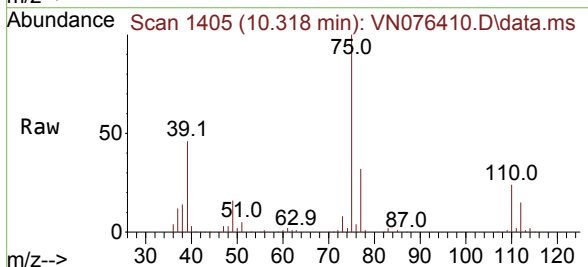
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

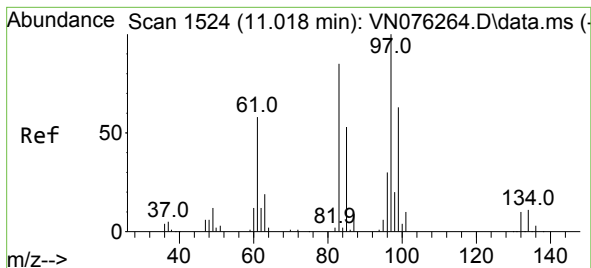
Tgt Ion: 75 Resp: 299664
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 53.268 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN076410.D
 Acq: 26 Jan 2023 09:58

Tgt Ion: 75 Resp: 329936
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.5 39.7
 39 46.5 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 50.659 ug/l

RT: 11.018 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076410.D

Acq: 26 Jan 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 208594

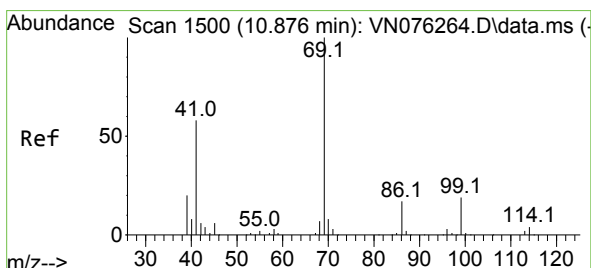
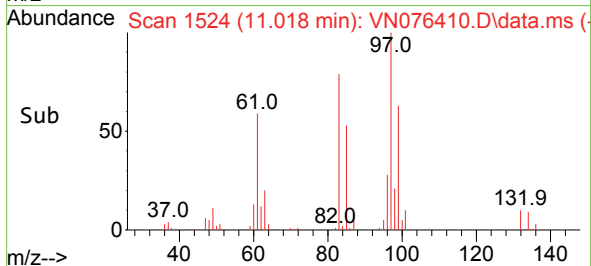
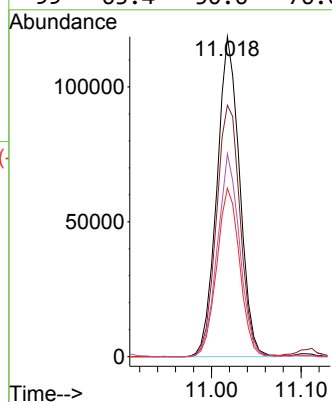
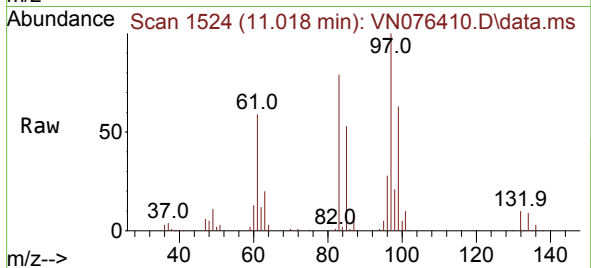
Ion Ratio Lower Upper

97 100

83 78.6 67.8 101.6

85 52.7 42.3 63.5

99 63.4 50.6 76.0



#56

Ethyl methacrylate

Concen: 56.275 ug/l

RT: 10.877 min Scan# 1500

Delta R.T. 0.001 min

Lab File: VN076410.D

Acq: 26 Jan 2023 09:58

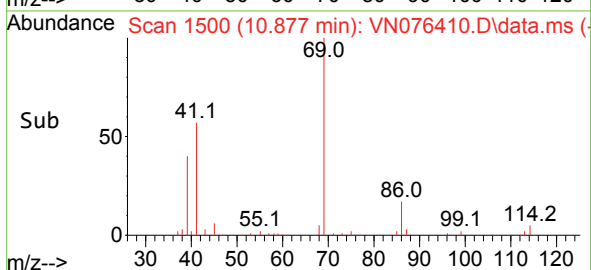
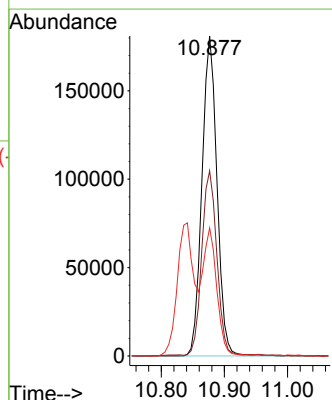
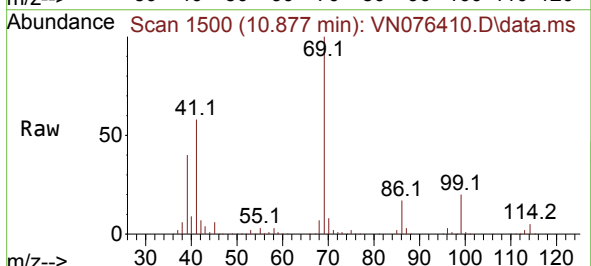
Tgt Ion: 69 Resp: 299152

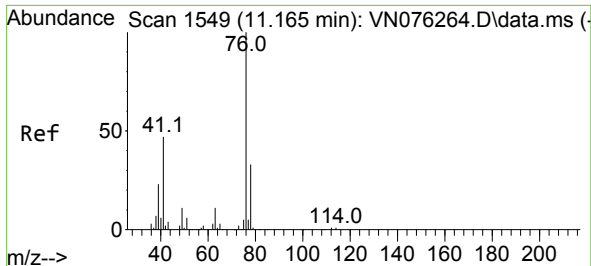
Ion Ratio Lower Upper

69 100

41 58.8 45.3 67.9

39 36.6 29.3 43.9





#57

1,3-Dichloropropane

Concen: 51.366 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN076410.D

Acq: 26 Jan 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

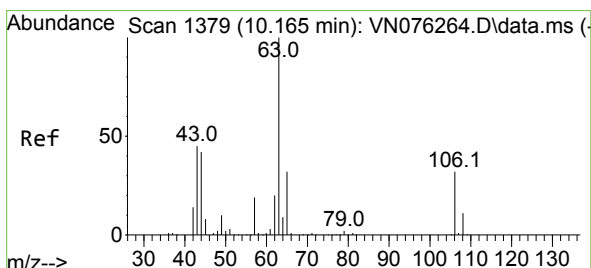
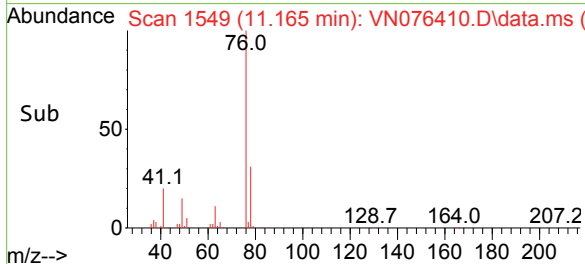
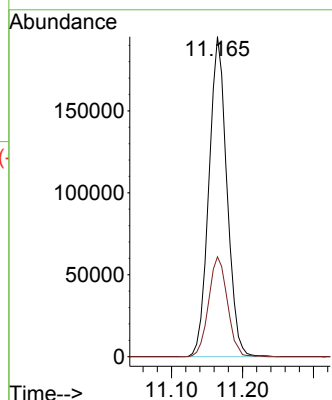
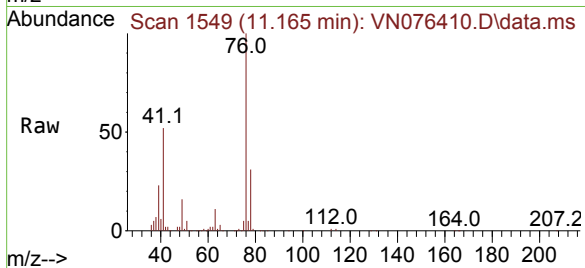
VSTDCCC050

Tgt Ion: 76 Resp: 343712

Ion Ratio Lower Upper

76 100

78 32.6 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 243.936 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076410.D

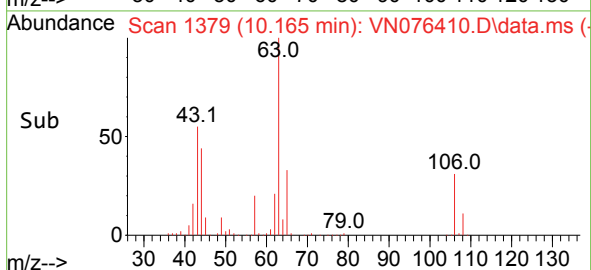
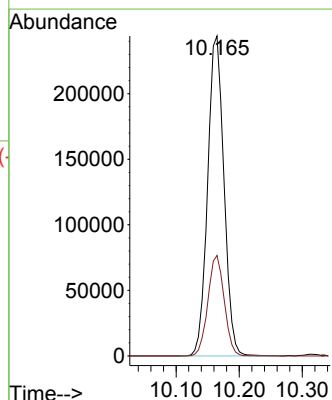
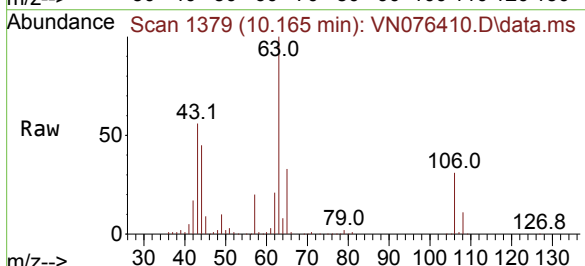
Acq: 26 Jan 2023 09:58

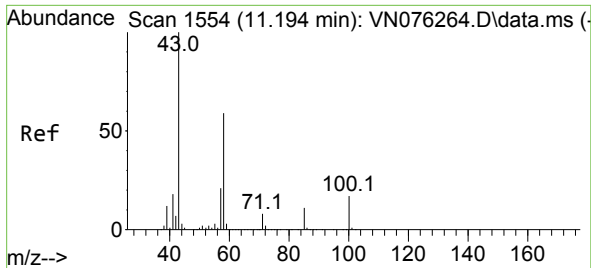
Tgt Ion: 63 Resp: 437771

Ion Ratio Lower Upper

63 100

106 31.5 26.2 39.2

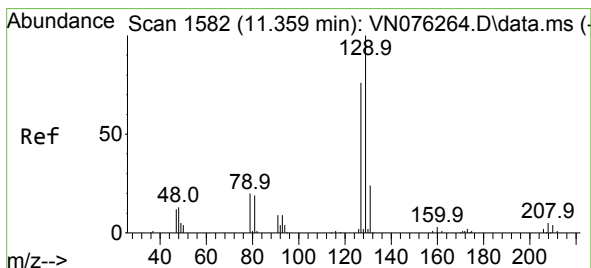
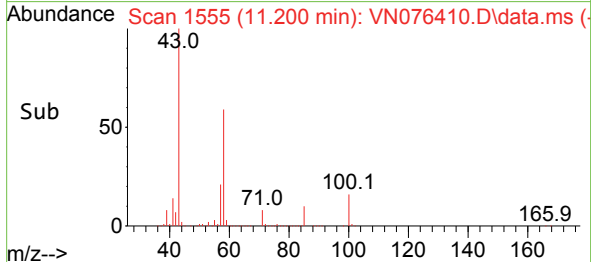
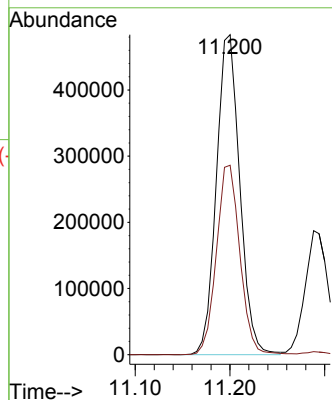
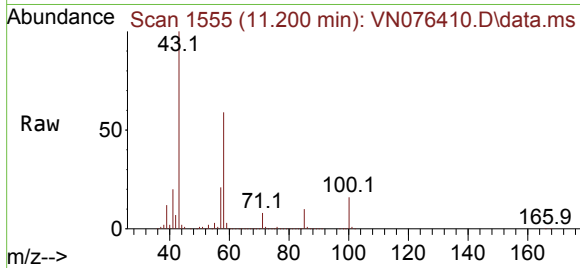




#59
2-Hexanone
Concen: 277.569 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

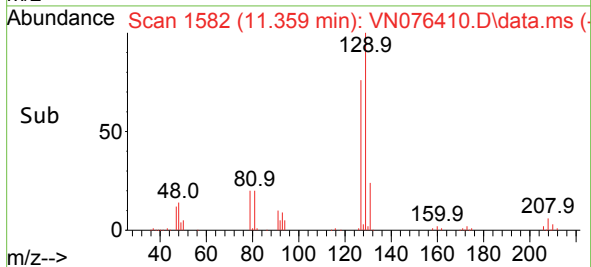
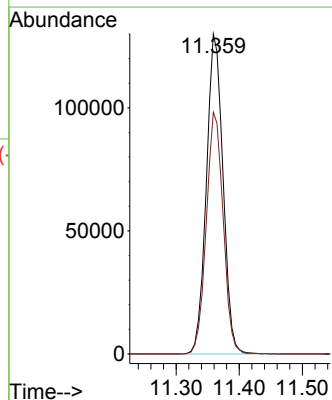
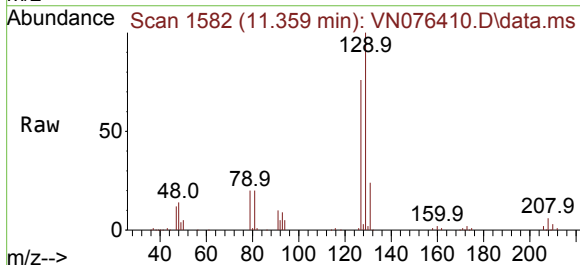
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

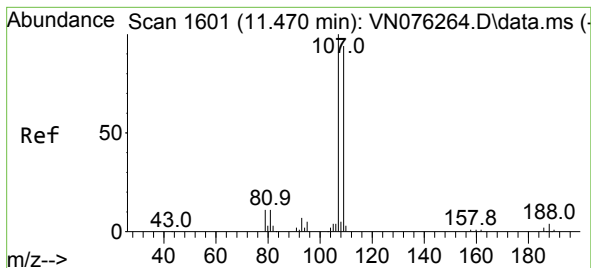
Tgt Ion: 43 Resp: 830029
Ion Ratio Lower Upper
43 100
58 59.3 30.1 90.3



#60
Dibromochloromethane
Concen: 54.833 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

Tgt Ion:129 Resp: 237673
Ion Ratio Lower Upper
129 100
127 76.7 38.7 116.1





#61

1,2-Dibromoethane

Concen: 51.559 ug/l

RT: 11.471 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN076410.D

Acq: 26 Jan 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

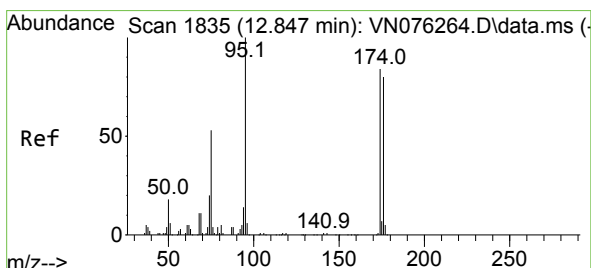
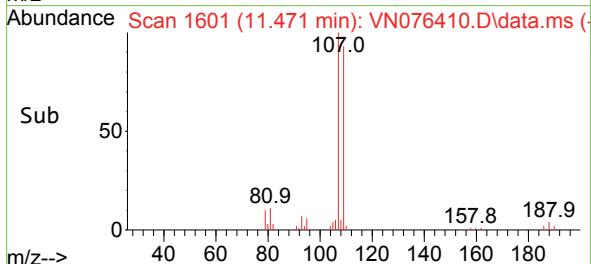
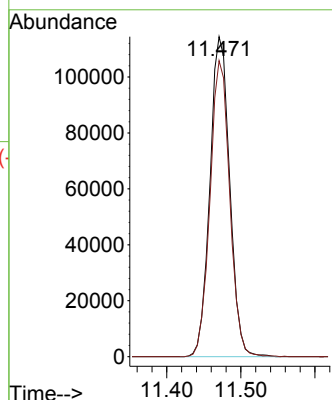
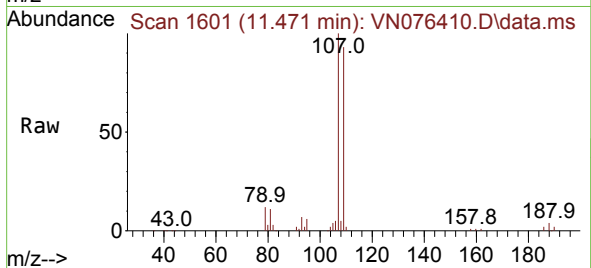
VSTDCCC050

Tgt Ion:107 Resp: 211911

Ion Ratio Lower Upper

107 100

109 92.4 76.0 114.0



#62

4-Bromofluorobenzene

Concen: 57.424 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN076410.D

Acq: 26 Jan 2023 09:58

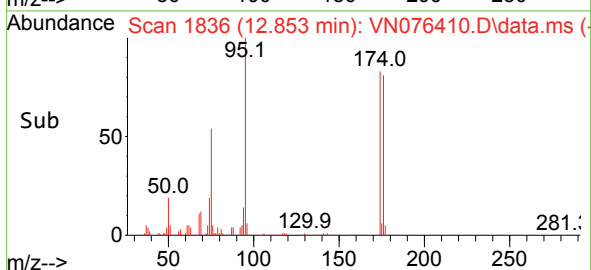
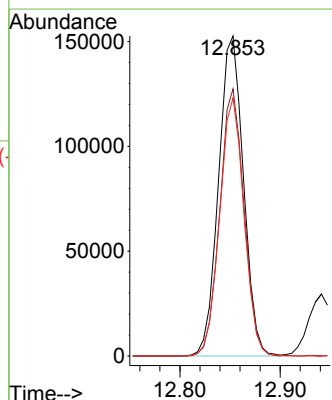
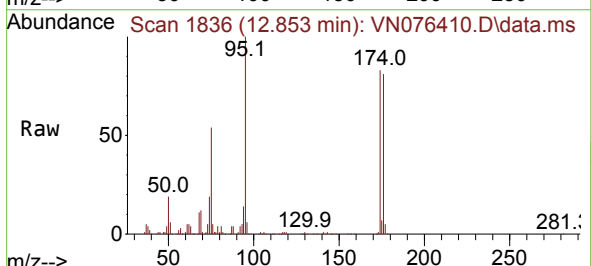
Tgt Ion: 95 Resp: 262476

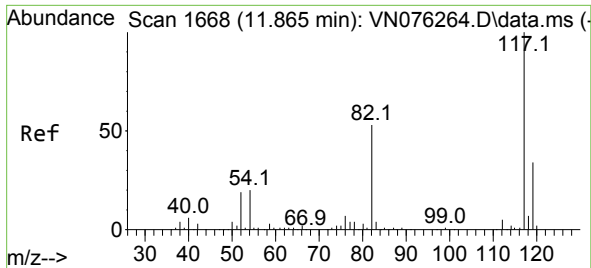
Ion Ratio Lower Upper

95 100

174 81.3 0.0 174.6

176 78.6 0.0 167.8

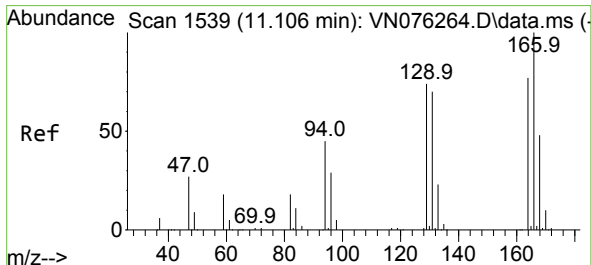
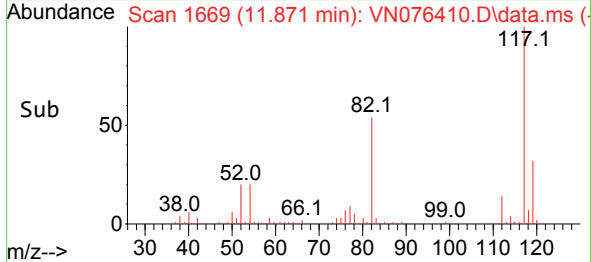
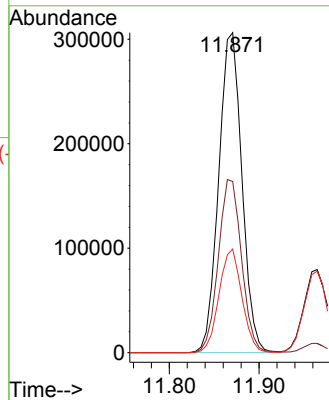
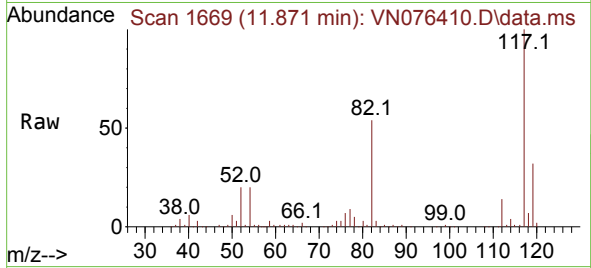




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

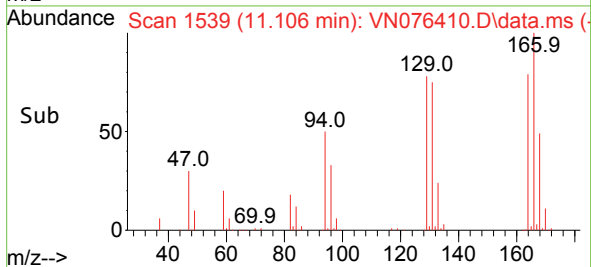
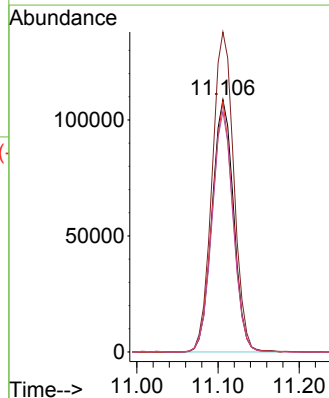
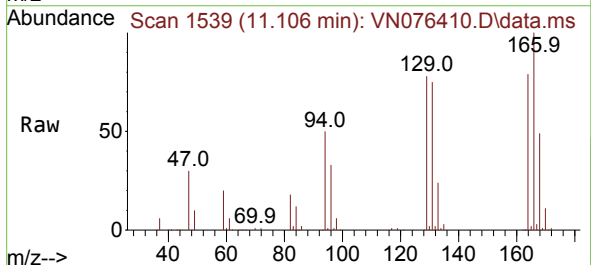
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

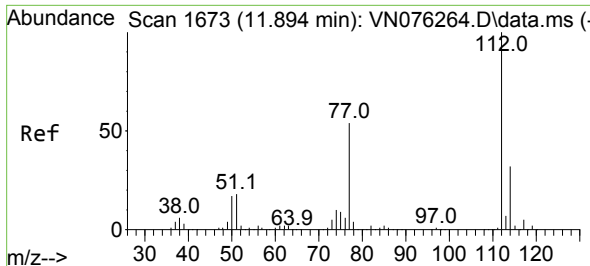
Tgt Ion:117 Resp: 550665
Ion Ratio Lower Upper
117 100
82 53.5 42.2 63.2
119 32.4 26.9 40.3



#64
Tetrachloroethene
Concen: 40.254 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

Tgt Ion:164 Resp: 199899
Ion Ratio Lower Upper
164 100
166 126.8 104.0 156.0
129 99.1 76.6 114.8
131 95.2 72.6 109.0

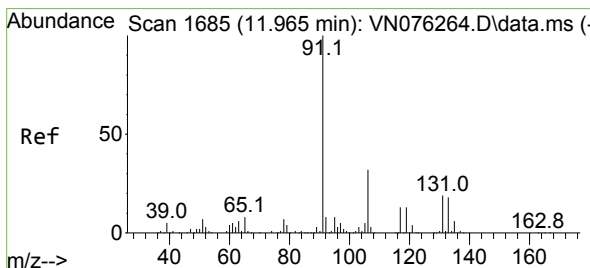
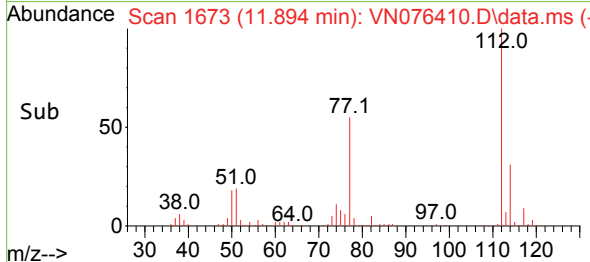
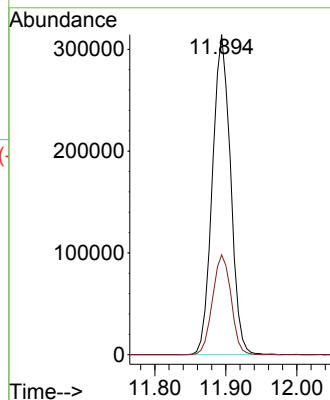
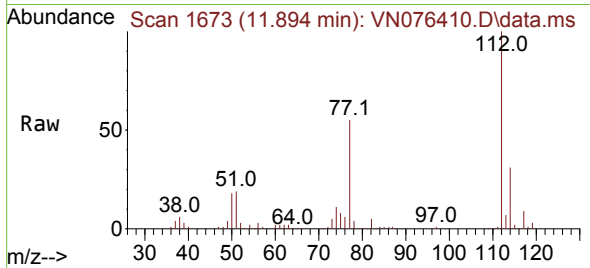




#65
Chlorobenzene
Concen: 47.805 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

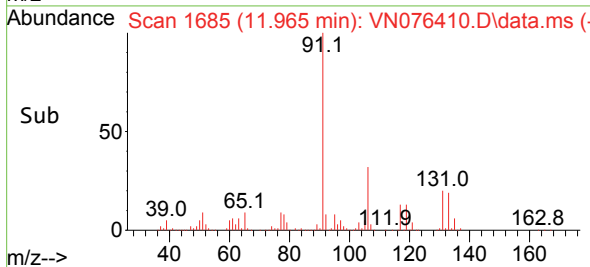
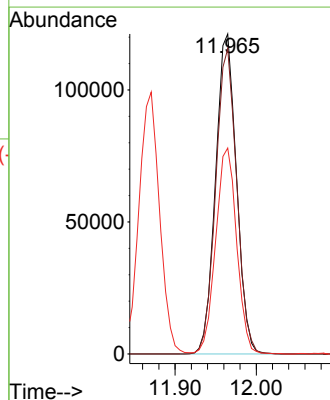
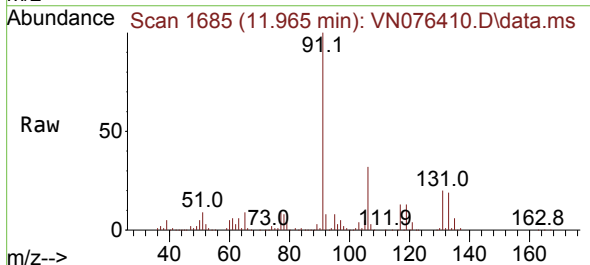
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

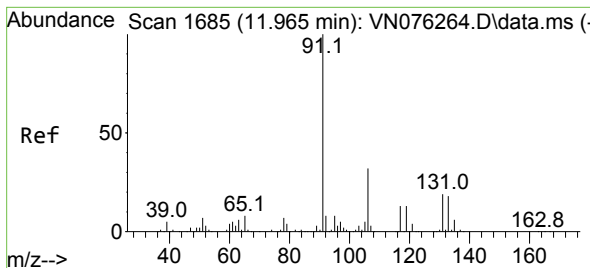
Tgt Ion:112 Resp: 556469
Ion Ratio Lower Upper
112 100
114 31.2 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.112 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

Tgt Ion:131 Resp: 217033
Ion Ratio Lower Upper
131 100
133 95.8 47.4 142.2
119 64.7 32.3 96.8





#67

Ethyl Benzene

Concen: 50.879 ug/l

RT: 11.965 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076410.D

Acq: 26 Jan 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

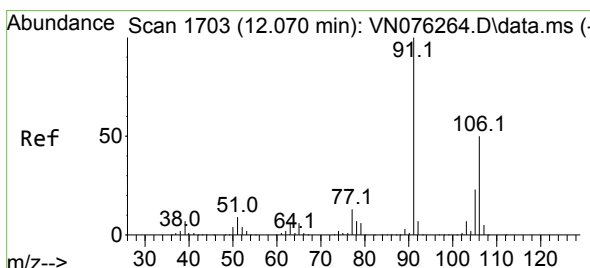
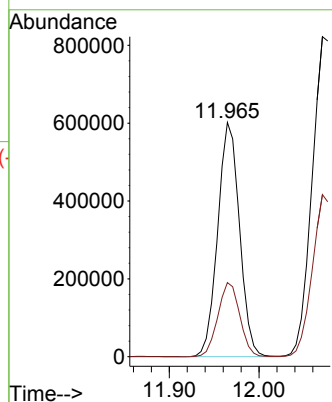
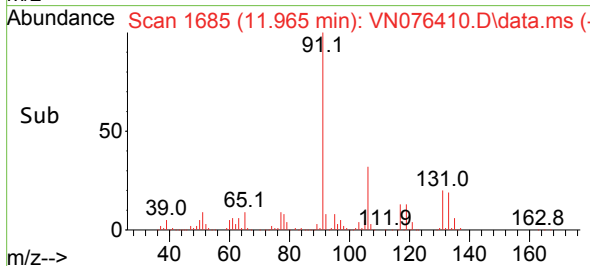
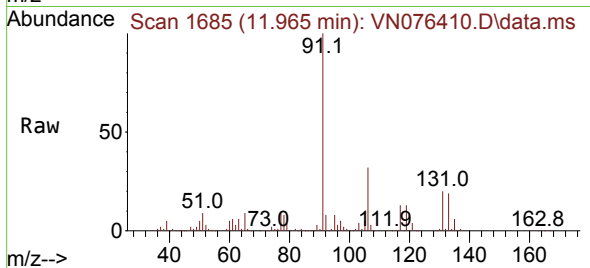
VSTDCCC050

Tgt Ion: 91 Resp: 1013614

Ion Ratio Lower Upper

91 100

106 31.6 25.5 38.3



#68

m/p-Xylenes

Concen: 100.017 ug/l

RT: 12.071 min Scan# 1703

Delta R.T. 0.001 min

Lab File: VN076410.D

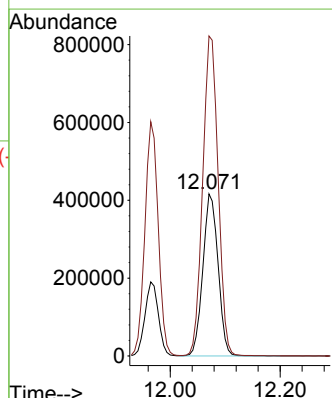
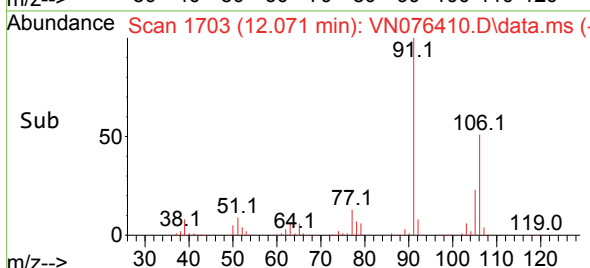
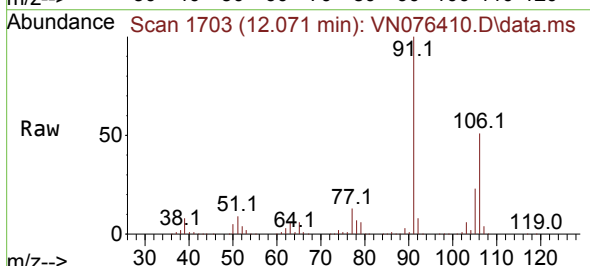
Acq: 26 Jan 2023 09:58

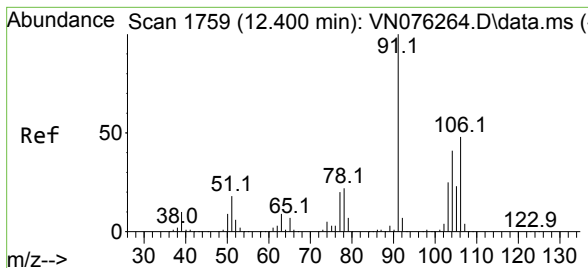
Tgt Ion:106 Resp: 798986

Ion Ratio Lower Upper

106 100

91 200.4 157.5 236.3





#69

o-Xylene

Concen: 50.415 ug/l

RT: 12.400 min Scan# 1759

Delta R.T. -0.000 min

Lab File: VN076410.D

Acq: 26 Jan 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

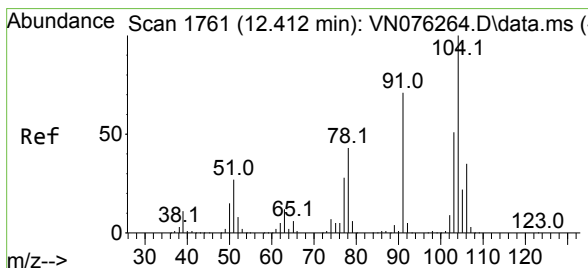
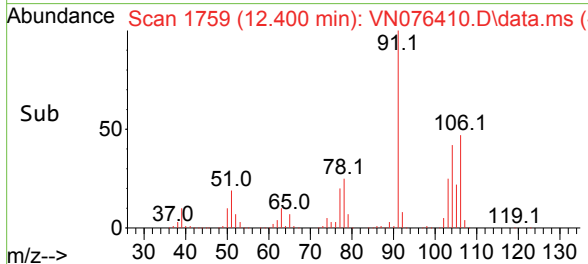
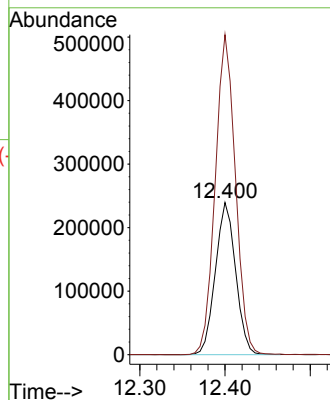
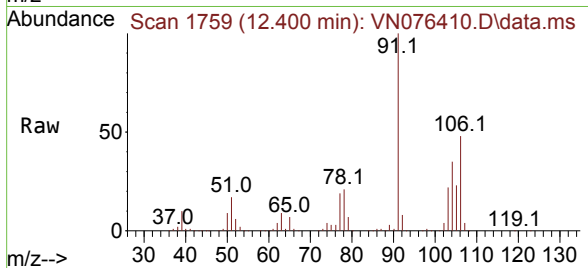
VSTDCCC050

Tgt Ion:106 Resp: 395511

Ion Ratio Lower Upper

106 100

91 209.9 103.2 309.4



#70

Styrene

Concen: 51.989 ug/l

RT: 12.412 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VN076410.D

Acq: 26 Jan 2023 09:58

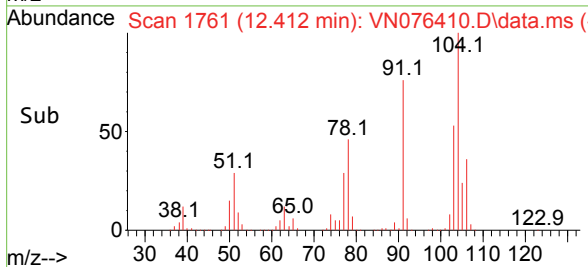
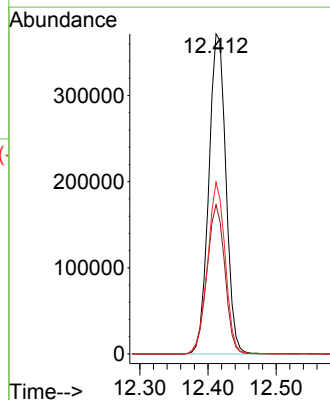
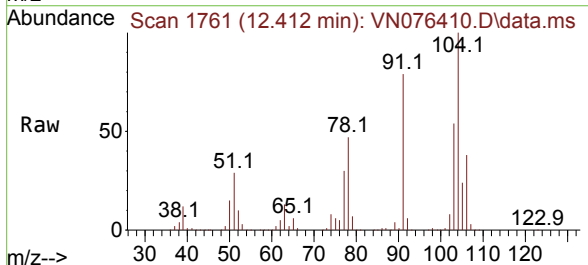
Tgt Ion:104 Resp: 651228

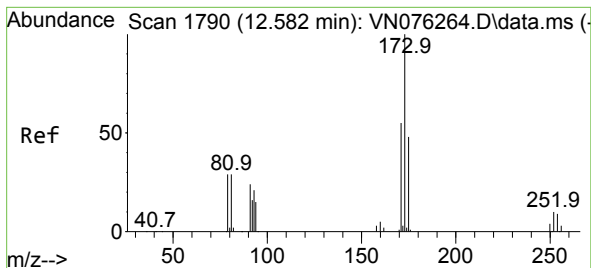
Ion Ratio Lower Upper

104 100

78 48.7 37.4 56.0

103 55.0 44.2 66.2





#71

Bromoform

Concen: 53.295 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076410.D

Acq: 26 Jan 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

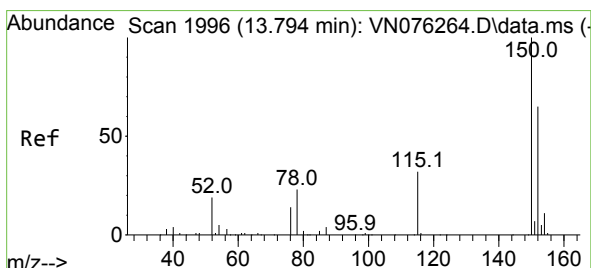
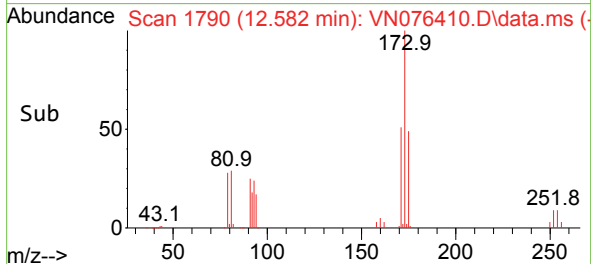
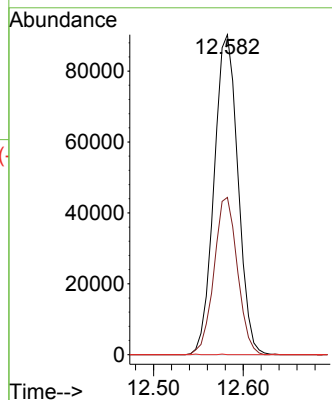
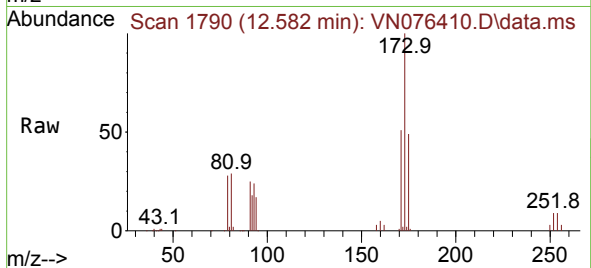
Tgt Ion:173 Resp: 166690

Ion Ratio Lower Upper

173 100

175 48.3 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: VN076410.D

Acq: 26 Jan 2023 09:58

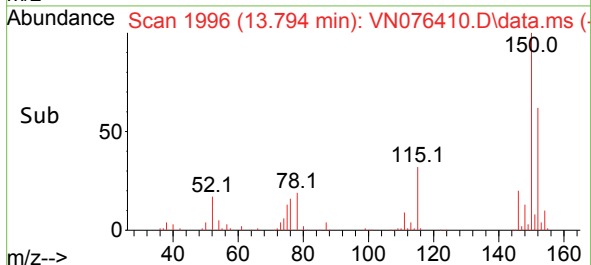
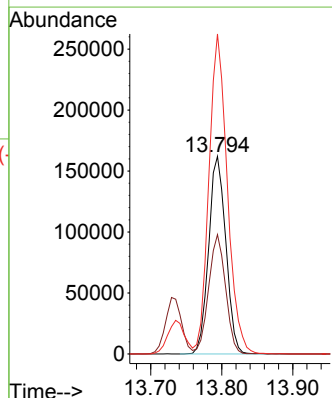
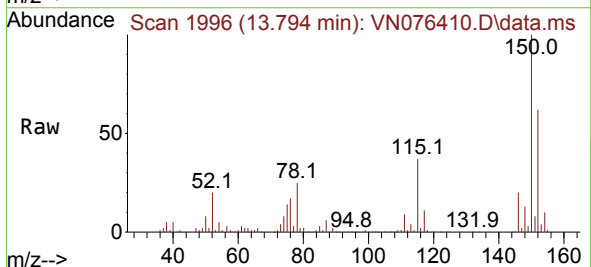
Tgt Ion:152 Resp: 272815

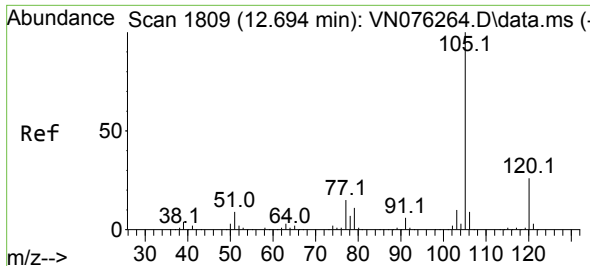
Ion Ratio Lower Upper

152 100

115 59.5 29.6 88.9

150 172.9 0.0 351.4

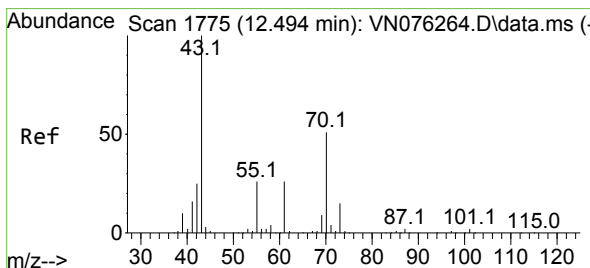
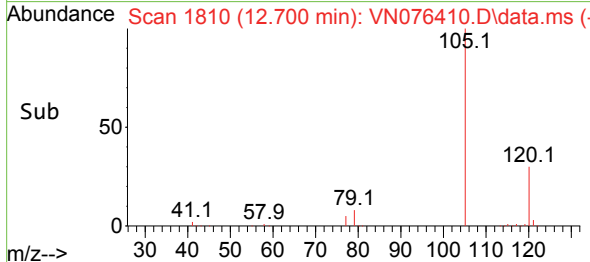
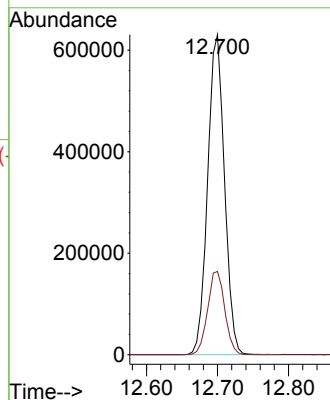
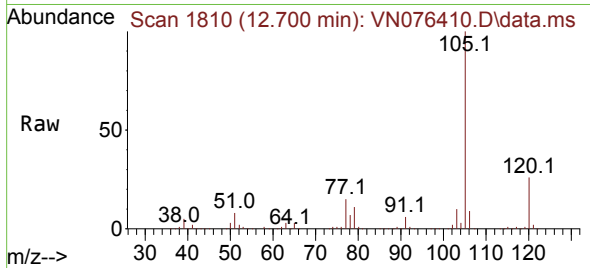




#73
Isopropylbenzene
Concen: 49.228 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

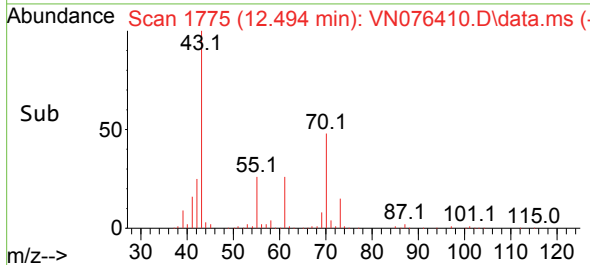
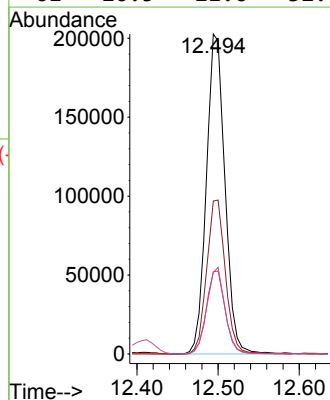
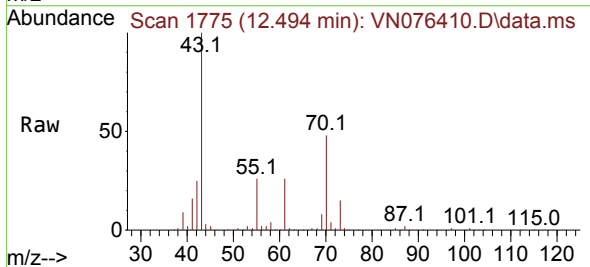
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

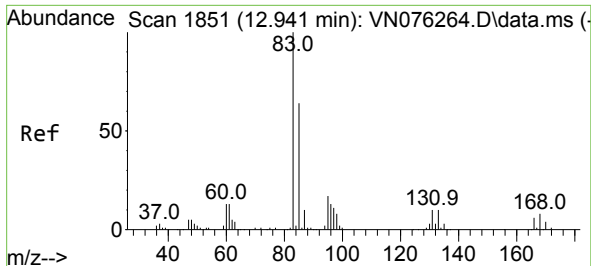
Tgt Ion:105 Resp: 1038962
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.1



#74
N-ethyl acetate
Concen: 53.077 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

Tgt Ion: 43 Resp: 322222
Ion Ratio Lower Upper
43 100
70 48.6 41.2 61.8
55 26.5 21.0 31.6
61 26.5 21.6 32.4

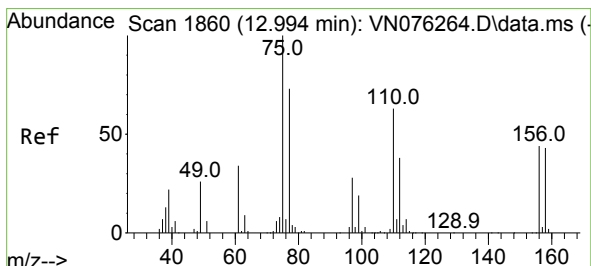
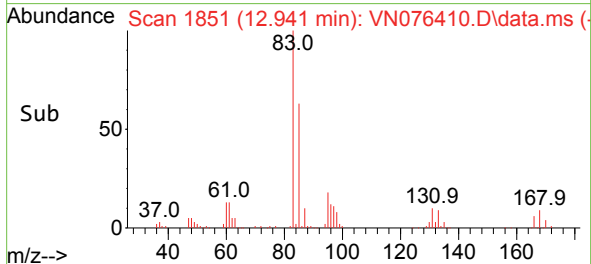
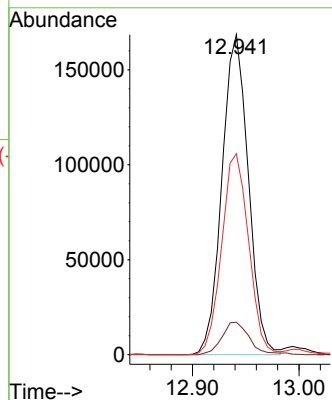
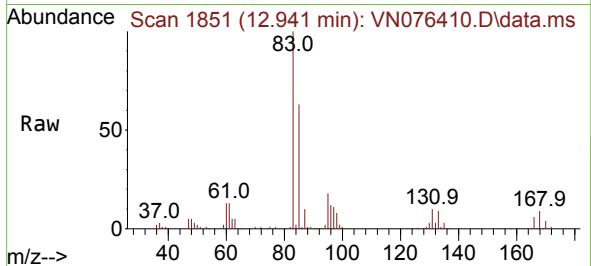




#75
1,1,2,2-Tetrachloroethane
Concen: 47.782 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

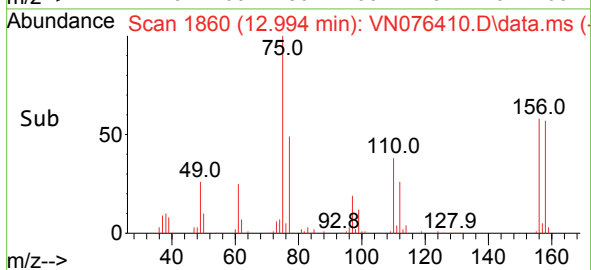
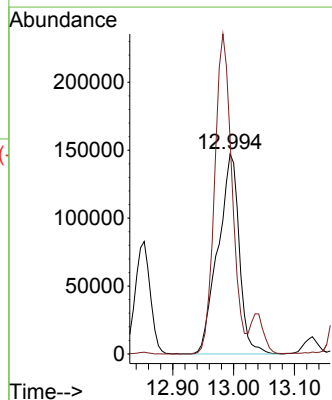
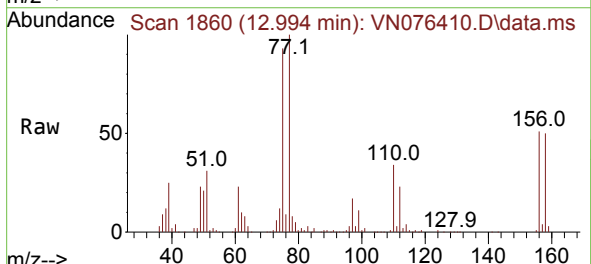
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

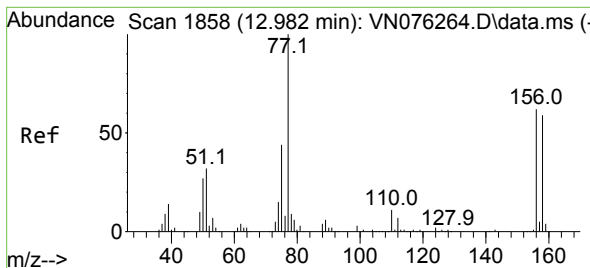
Tgt Ion: 83 Resp: 289899
Ion Ratio Lower Upper
83 100
131 10.7 5.5 16.4
85 64.3 31.7 95.1



#76
1,2,3-Trichloropropane
Concen: 72.513 ug/l
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

Tgt Ion: 75 Resp: 358266
Ion Ratio Lower Upper
75 100
77 130.6 75.2 225.6





#77

Bromobenzene

Concen: 48.473 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN076410.D

Acq: 26 Jan 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

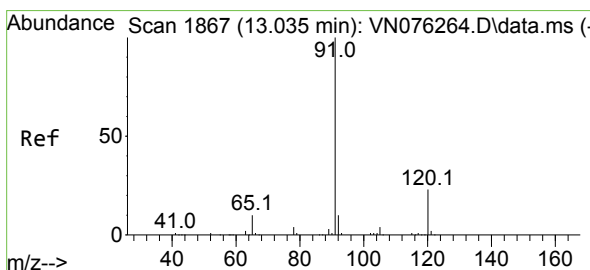
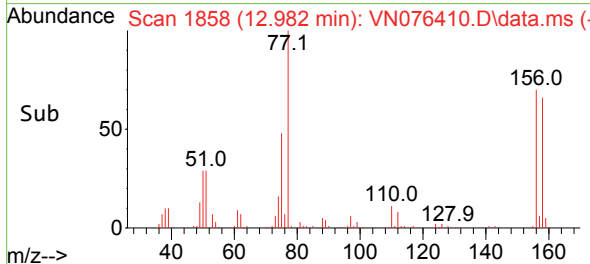
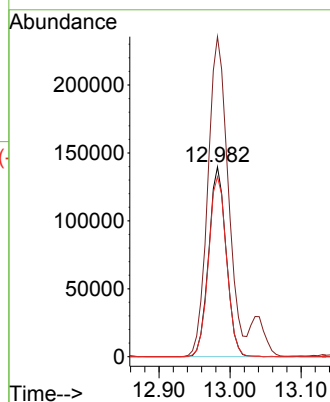
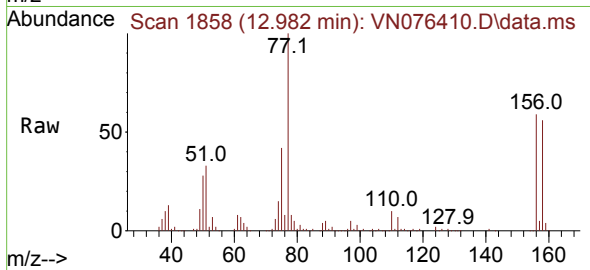
Tgt Ion:156 Resp: 239261

Ion Ratio Lower Upper

156 100

77 195.6 93.4 280.2

158 97.4 48.4 145.2



#78

n-propylbenzene

Concen: 50.307 ug/l

RT: 13.035 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN076410.D

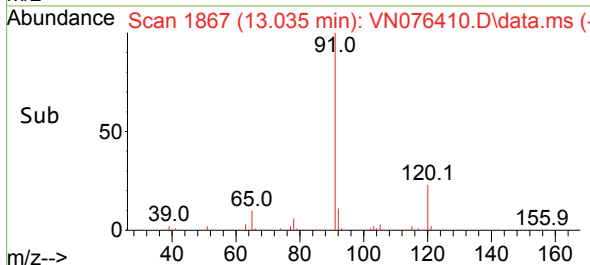
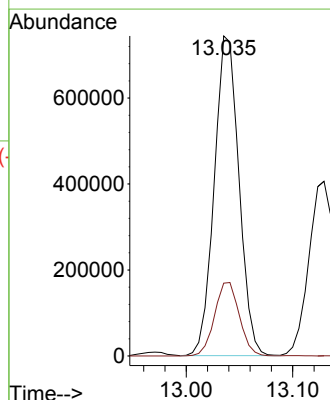
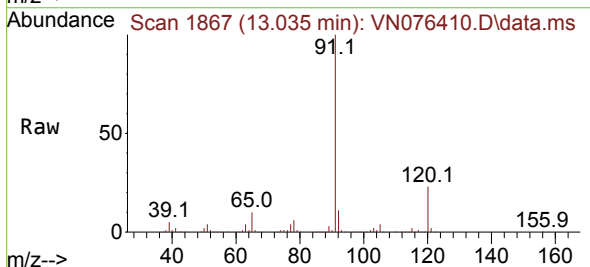
Acq: 26 Jan 2023 09:58

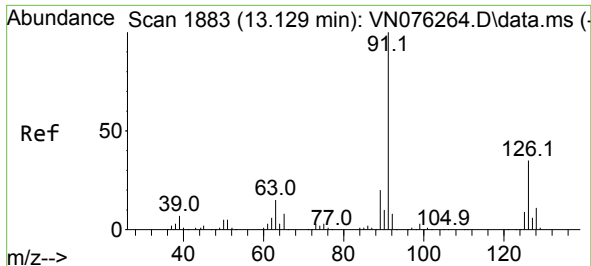
Tgt Ion: 91 Resp: 1197991

Ion Ratio Lower Upper

91 100

120 23.0 11.9 35.5

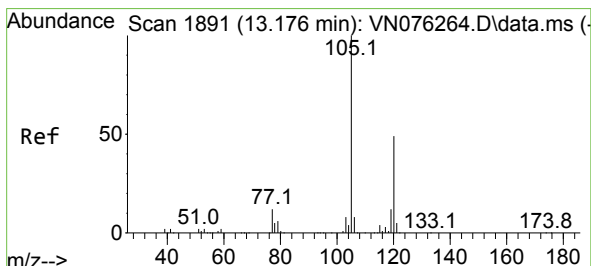
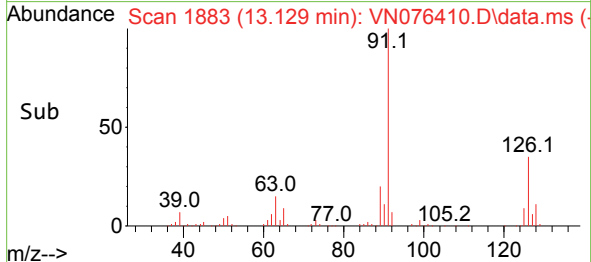
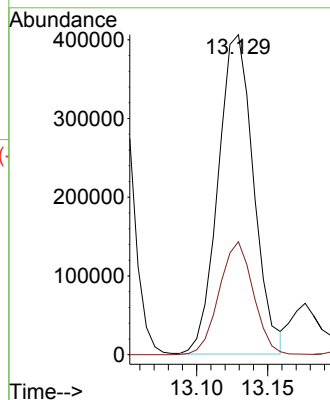
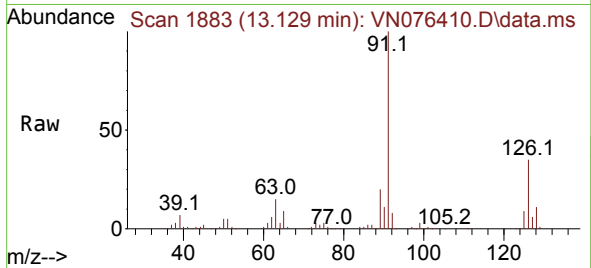




#79
2-Chlorotoluene
Concen: 48.347 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

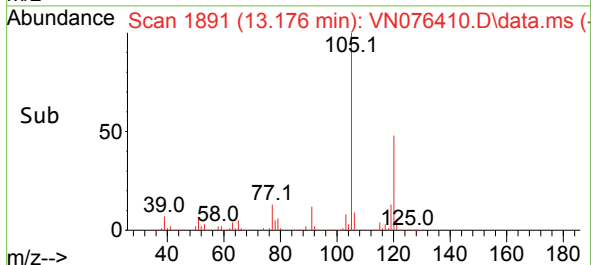
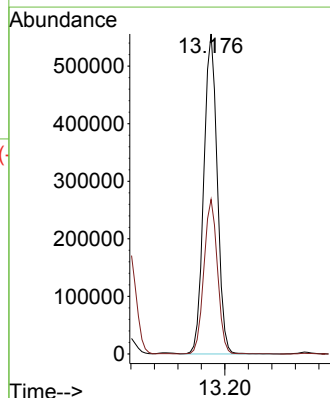
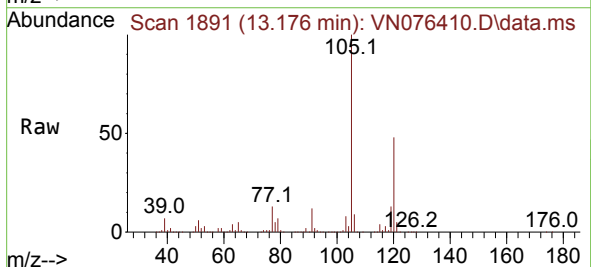
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

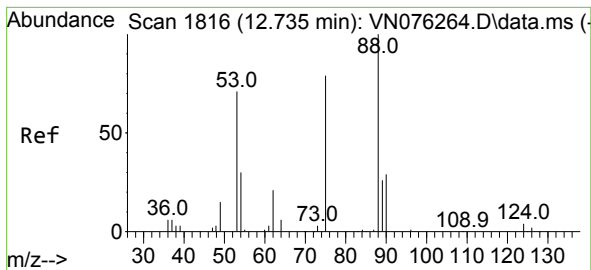
Tgt Ion: 91 Resp: 706495
Ion Ratio Lower Upper
91 100
126 34.0 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 49.985 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

Tgt Ion: 105 Resp: 883779
Ion Ratio Lower Upper
105 100
120 48.7 25.0 75.0

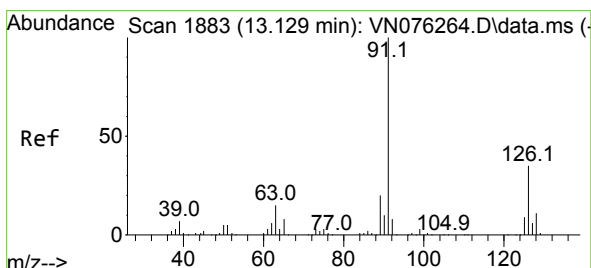
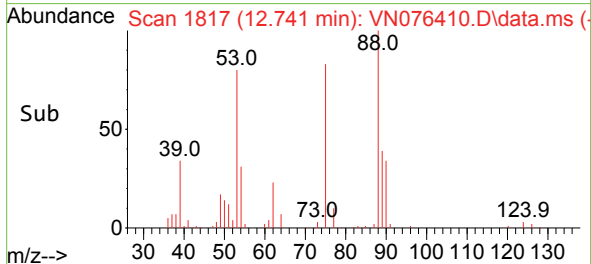
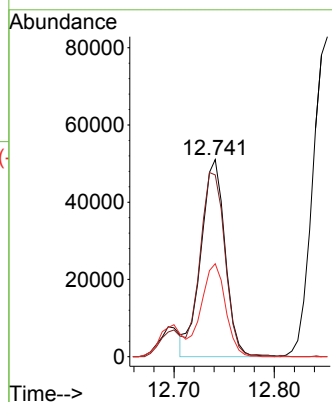
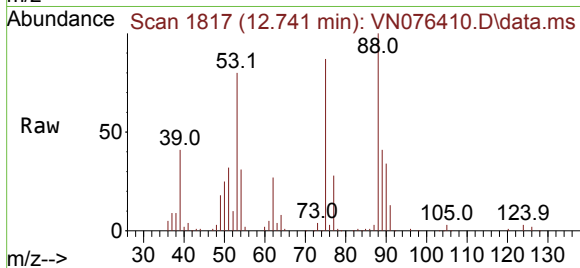




#81
trans-1,4-Dichloro-2-butene
Concen: 52.346 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

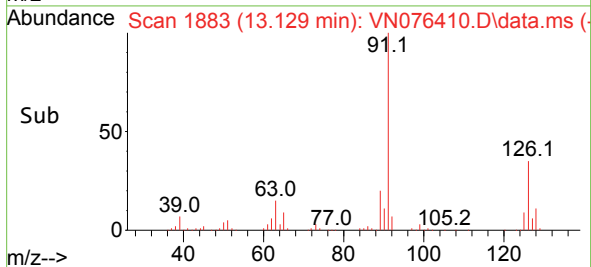
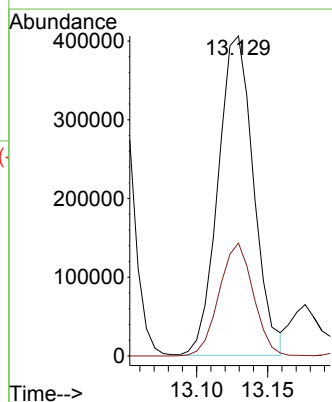
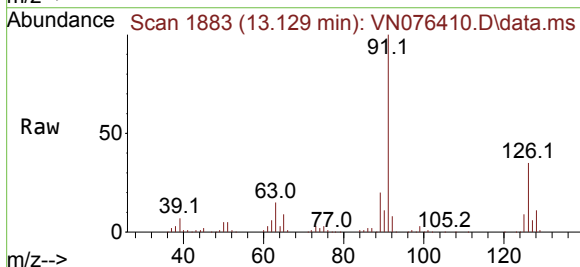
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

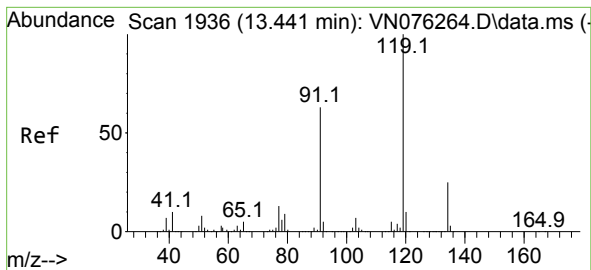
Tgt Ion: 75 Resp: 85831
Ion Ratio Lower Upper
75 100
53 95.6 75.8 113.8
89 47.2 37.0 55.6



#82
4-Chlorotoluene
Concen: 48.347 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

Tgt Ion: 91 Resp: 706495
Ion Ratio Lower Upper
91 100
126 34.0 17.4 52.2





#83

tert-Butylbenzene

Concen: 50.627 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. 0.000 min

Lab File: VN076410.D

Acq: 26 Jan 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

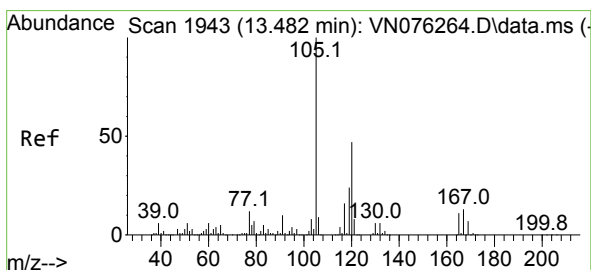
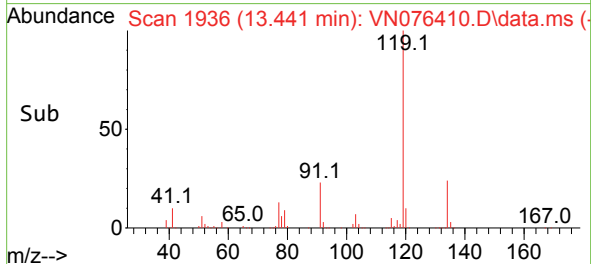
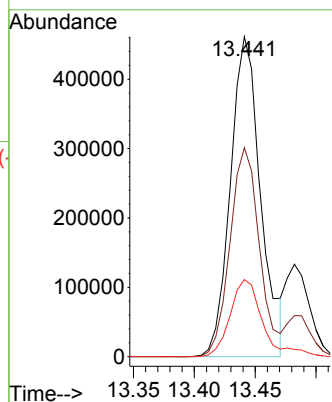
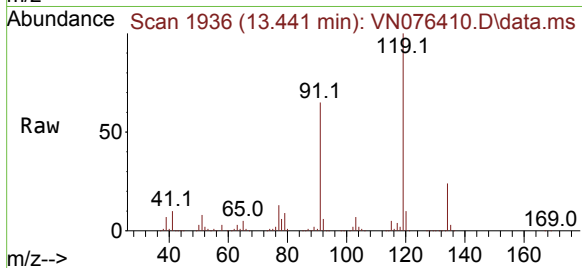
Tgt Ion:119 Resp: 796133

Ion Ratio Lower Upper

119 100

91 63.7 32.2 96.6

134 26.0 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 49.918 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN076410.D

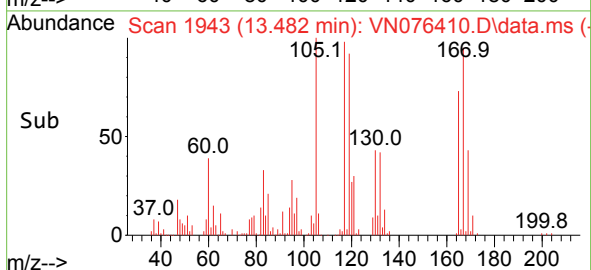
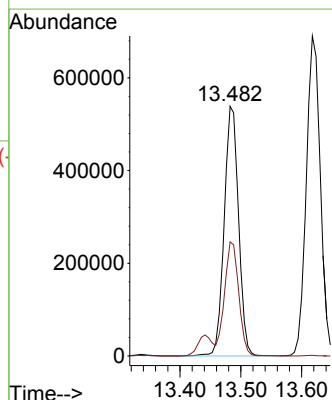
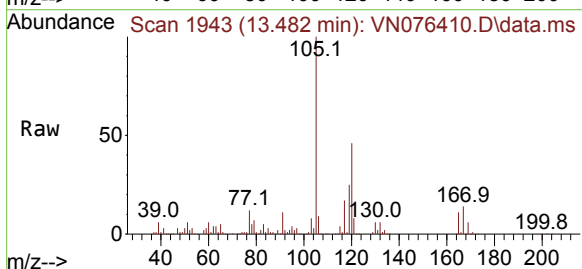
Acq: 26 Jan 2023 09:58

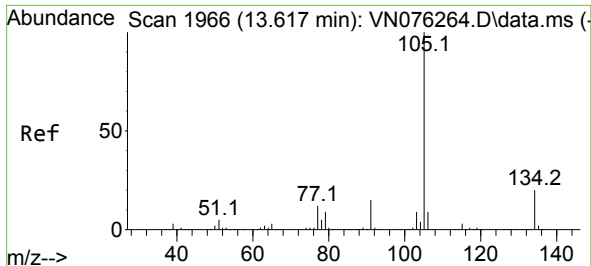
Tgt Ion:105 Resp: 885002

Ion Ratio Lower Upper

105 100

120 45.1 22.9 68.5

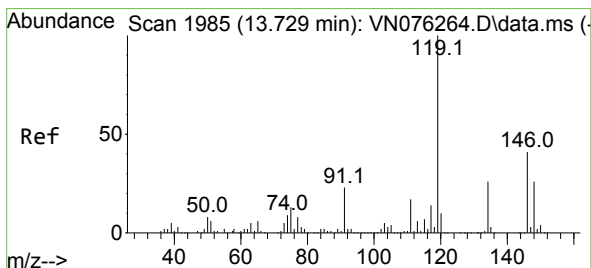
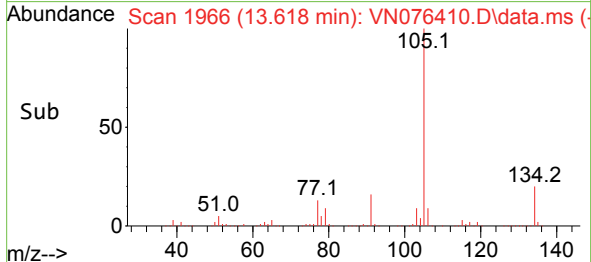
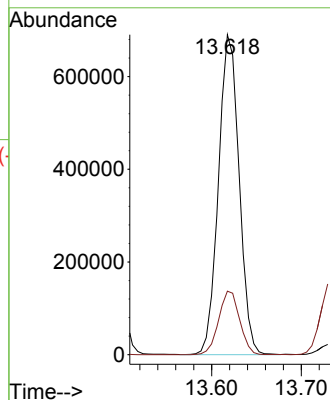
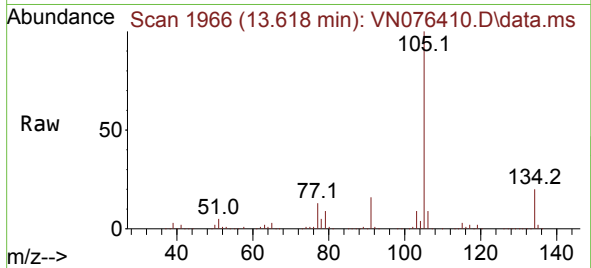




#85
 sec-Butylbenzene
 Concen: 50.624 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.001 min
 Lab File: VN076410.D
 Acq: 26 Jan 2023 09:58

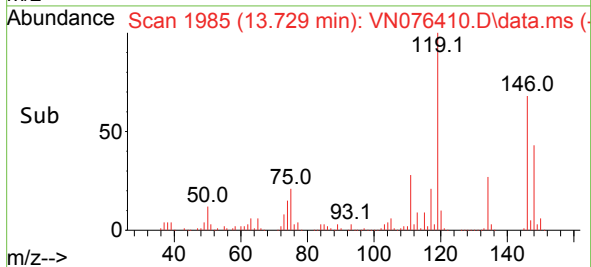
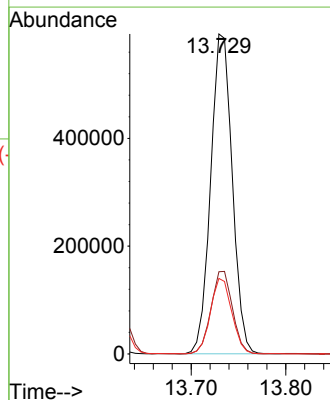
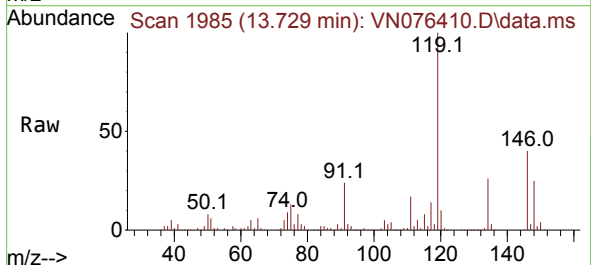
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

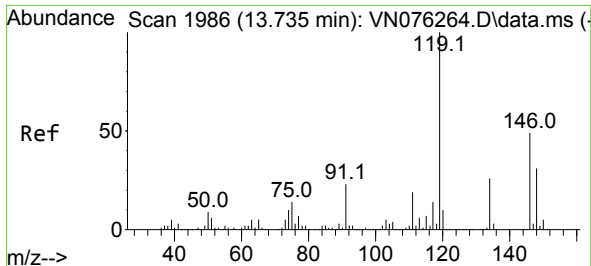
Tgt Ion:105 Resp: 1104652
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 52.472 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076410.D
 Acq: 26 Jan 2023 09:58

Tgt Ion:119 Resp: 941518
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.6
 91 23.4 11.8 35.3

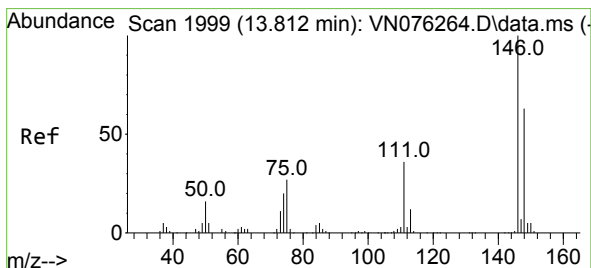
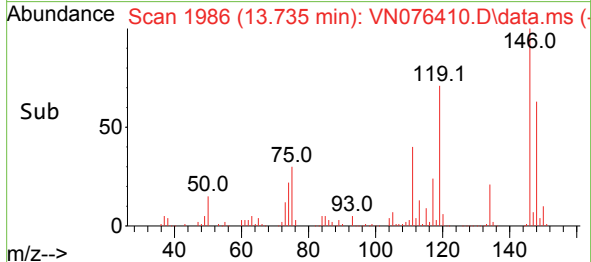
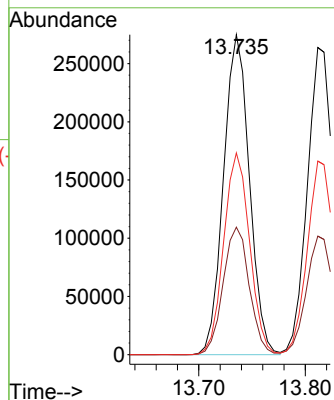
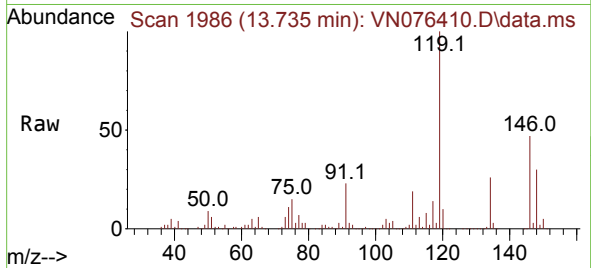




#87
 1,3-Dichlorobenzene
 Concen: 46.633 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076410.D
 Acq: 26 Jan 2023 09:58

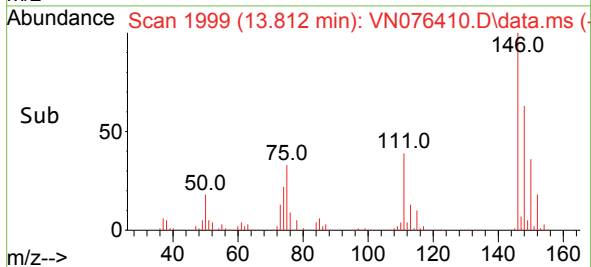
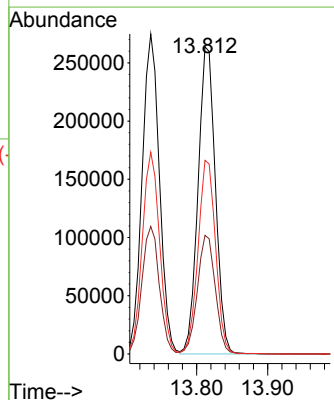
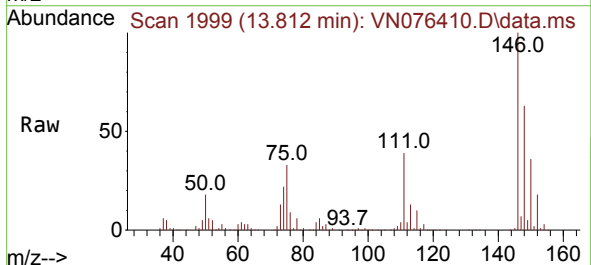
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

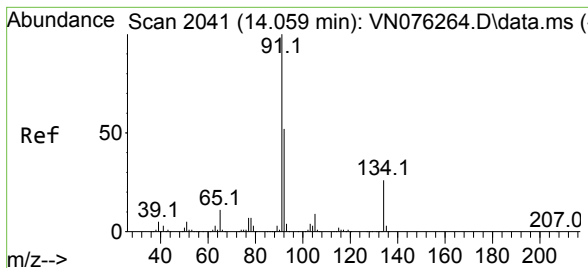
Tgt Ion:146 Resp: 463883
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.9 59.7
 148 63.2 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 47.570 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN076410.D
 Acq: 26 Jan 2023 09:58

Tgt Ion:146 Resp: 450098
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.1 57.5
 148 63.4 31.9 95.9

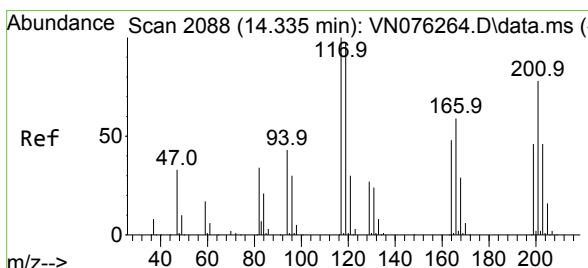
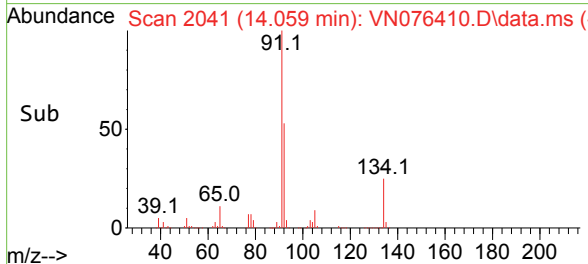
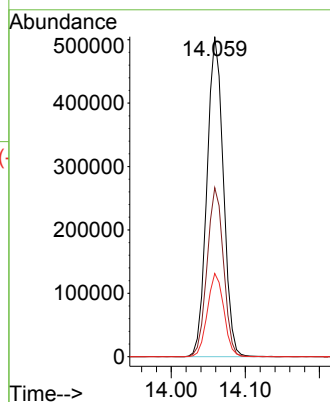
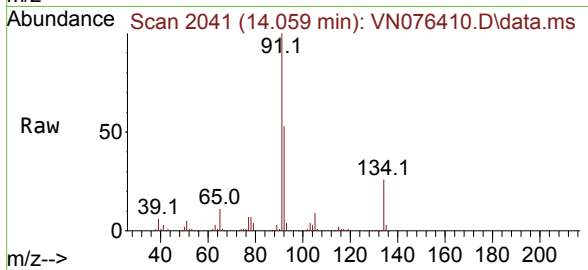




#89
n-Butylbenzene
Concen: 54.469 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

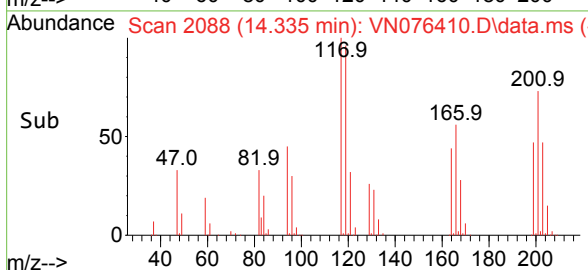
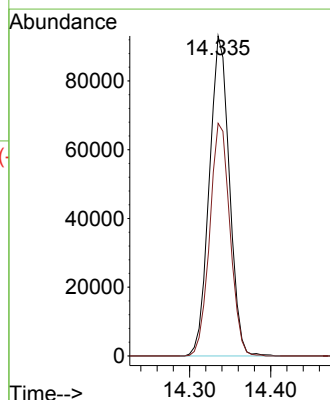
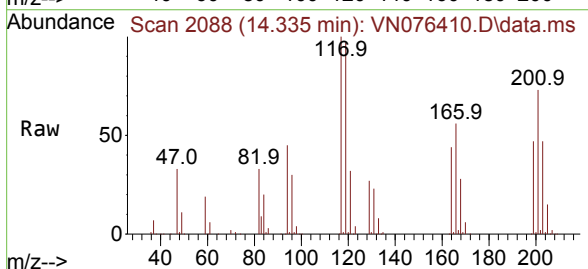
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

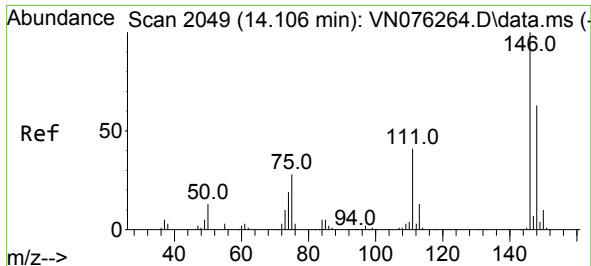
Tgt Ion: 91 Resp: 775855
Ion Ratio Lower Upper
91 100
92 52.8 26.3 78.9
134 26.1 13.2 39.5



#90
Hexachloroethane
Concen: 51.620 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

Tgt Ion: 117 Resp: 159862
Ion Ratio Lower Upper
117 100
201 73.3 37.3 111.9

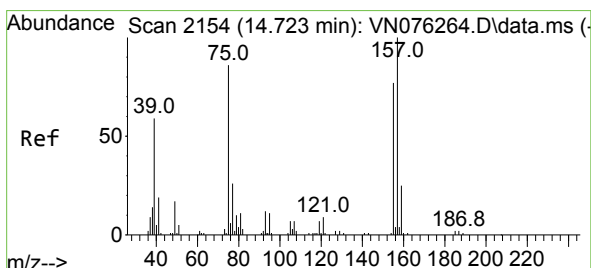
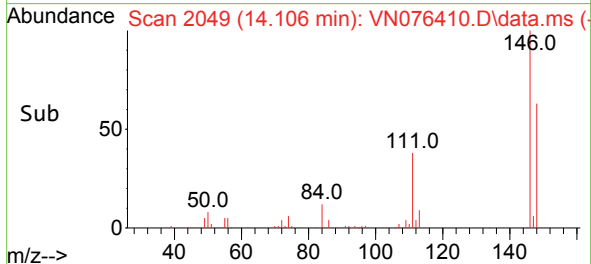
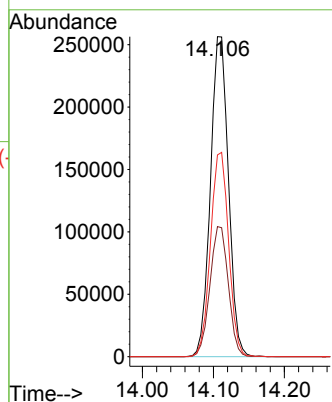
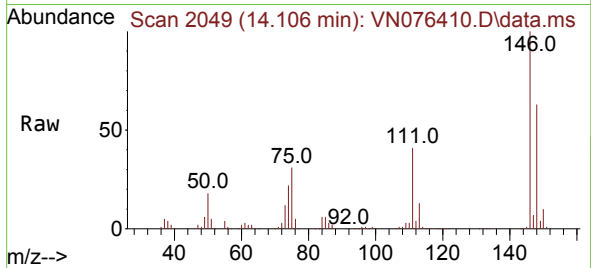




#91
1,2-Dichlorobenzene
Concen: 45.525 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

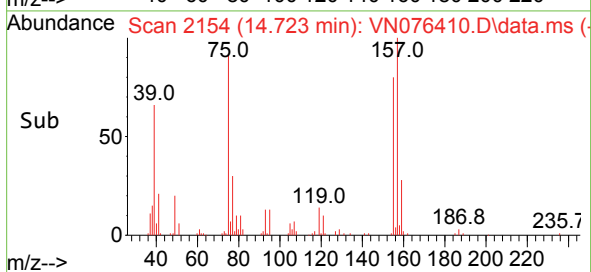
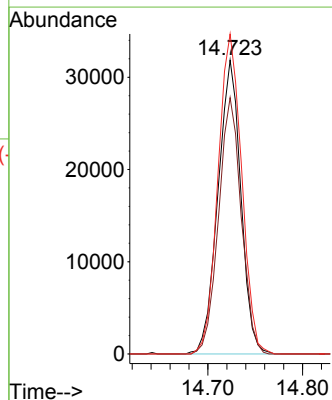
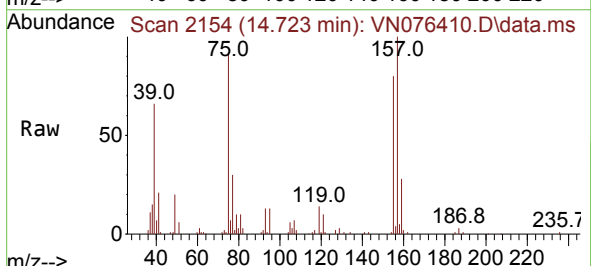
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ClientSampleId :
VSTDCCC050

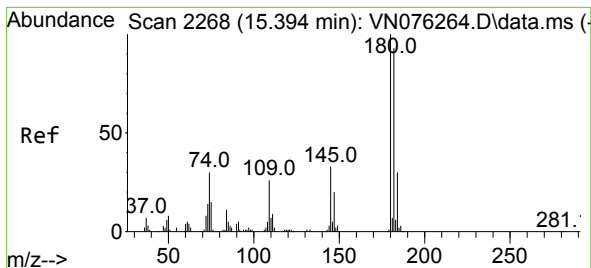
Tgt Ion:146 Resp: 451043
Ion Ratio Lower Upper
146 100
111 41.6 20.3 60.8
148 64.5 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.678 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076410.D
Acq: 26 Jan 2023 09:58

Tgt Ion: 75 Resp: 53446
Ion Ratio Lower Upper
75 100
155 86.7 45.0 135.0
157 112.8 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 47.598 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN076410.D

Acq: 26 Jan 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

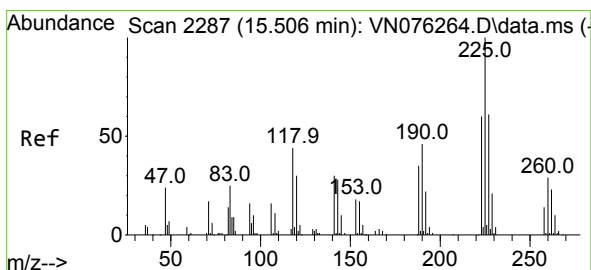
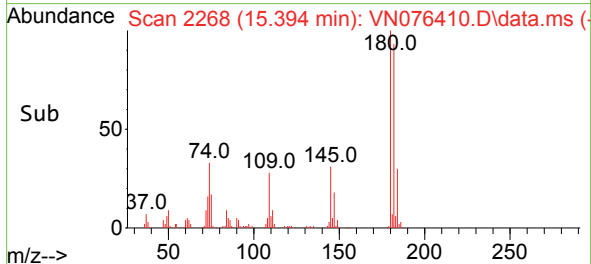
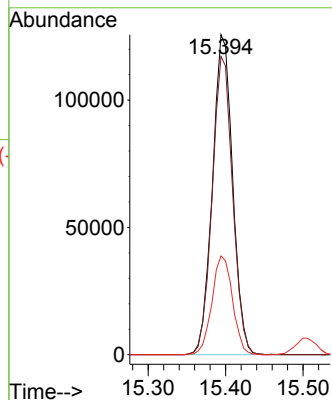
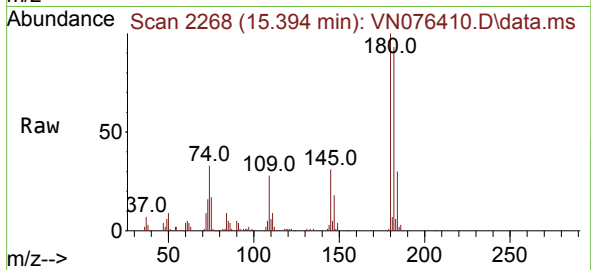
Tgt Ion:180 Resp: 227559

Ion Ratio Lower Upper

180 100

182 93.9 47.0 141.2

145 31.5 15.2 45.5



#94

Hexachlorobutadiene

Concen: 44.843 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076410.D

Acq: 26 Jan 2023 09:58

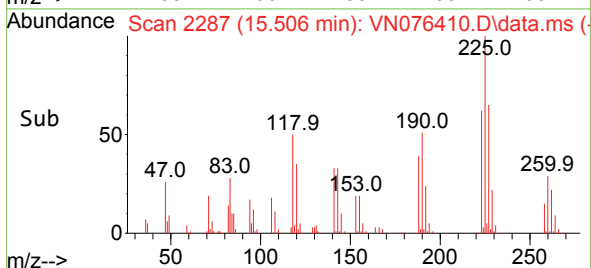
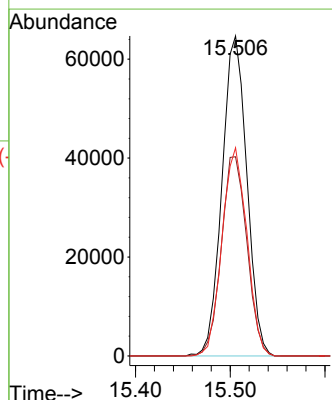
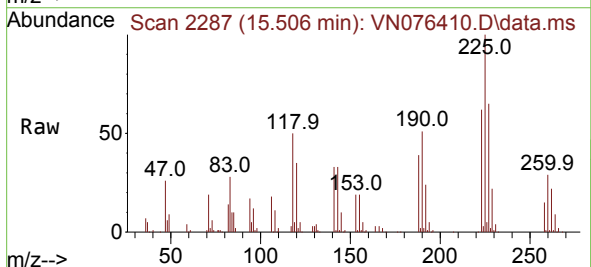
Tgt Ion:225 Resp: 117901

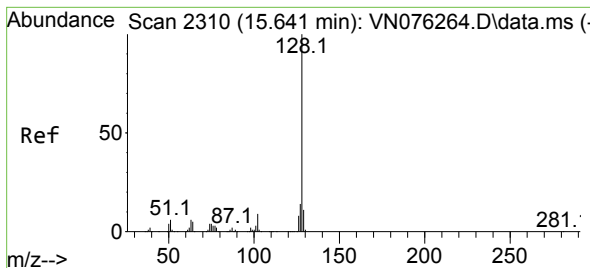
Ion Ratio Lower Upper

225 100

223 64.2 30.8 92.3

227 65.2 30.9 92.8





#95

Naphthalene

Concen: 46.632 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN076410.D

Acq: 26 Jan 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

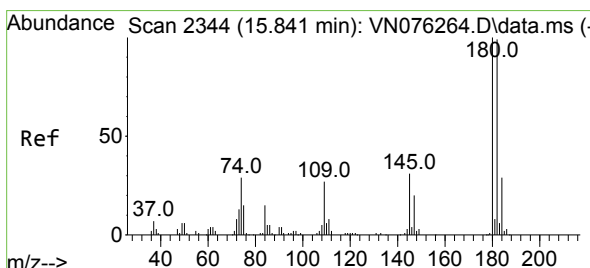
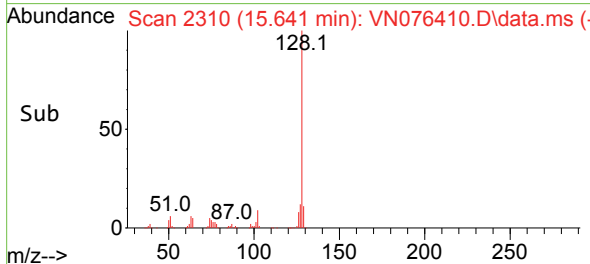
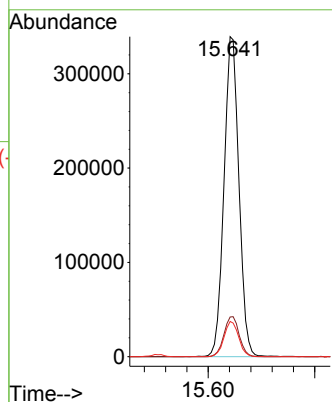
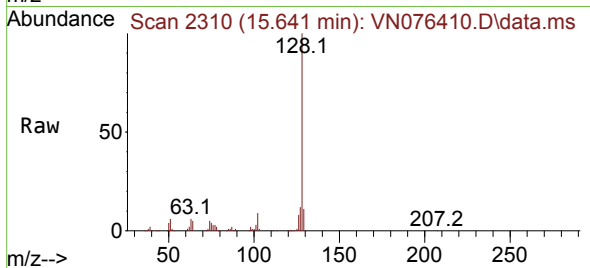
Tgt Ion:128 Resp: 659173

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 48.102 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN076410.D

Acq: 26 Jan 2023 09:58

Tgt Ion:180 Resp: 219301

Ion Ratio Lower Upper

180 100

182 94.3 47.5 142.5

145 33.2 15.9 47.6

