

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011223\
 Data File : VN076218.D
 Acq On : 12 Jan 2023 09:52
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 13 01:53:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	365914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	568737	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	518268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	262374	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	174514	43.839	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.680%
35) Dibromofluoromethane	8.171	113	165134	46.885	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.780%
50) Toluene-d8	10.571	98	588490	44.688	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.380%
62) 4-Bromofluorobenzene	12.853	95	210823	48.336	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.680%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	159949	61.564	ug/l	99
3) Chloromethane	2.371	50	150611	46.619	ug/l	96
4) Vinyl Chloride	2.530	62	190509	49.435	ug/l	98
5) Bromomethane	2.942	94	150888	46.070	ug/l	98
6) Chloroethane	3.118	64	135558	47.500	ug/l	99
7) Trichlorofluoromethane	3.506	101	289009	49.423	ug/l	97
8) Diethyl Ether	3.971	74	103053	48.250	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	167201	50.073	ug/l	99
10) Methyl Iodide	4.594	142	256071	47.254	ug/l	100
11) Tert butyl alcohol	5.536	59	114754	203.725	ug/l	99
12) 1,1-Dichloroethene	4.353	96	157082	48.436	ug/l	97
13) Acrolein	4.189	56	112408	162.778	ug/l	98
14) Allyl chloride	5.036	41	176067	46.442	ug/l	87
15) Acrylonitrile	5.730	53	344805	224.314	ug/l	99
16) Acetone	4.436	43	309075	225.231	ug/l	96
17) Carbon Disulfide	4.724	76	345273	43.972	ug/l	99
18) Methyl Acetate	5.036	43	192429	47.440	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	533714	49.975	ug/l	98
20) Methylene Chloride	5.283	84	174523	47.510	ug/l	96
21) trans-1,2-Dichloroethene	5.794	96	165266	46.532	ug/l	95
22) Diisopropyl ether	6.677	45	453104	49.199	ug/l	97
23) Vinyl Acetate	6.612	43	1459669	235.479	ug/l	100
24) 1,1-Dichloroethane	6.583	63	289842	47.190	ug/l	98
25) 2-Butanone	7.488	43	436839	227.353	ug/l	97
26) 2,2-Dichloropropane	7.500	77	256417	49.298	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	202465	47.664	ug/l	98
28) Bromochloromethane	7.818	49	110704	41.122	ug/l	100
29) Tetrahydrofuran	7.841	42	275917	229.148	ug/l	99
30) Chloroform	7.971	83	321228	46.451	ug/l	93
31) Cyclohexane	8.265	56	252130	44.224	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	294698	48.068	ug/l	98
36) 1,1-Dichloropropene	8.377	75	234664	50.155	ug/l	98
37) Ethyl Acetate	7.565	43	173618	46.197	ug/l	98
38) Carbon Tetrachloride	8.365	117	266501	50.892	ug/l	99
39) Methylcyclohexane	9.606	83	300998	53.325	ug/l	98
40) Benzene	8.612	78	708703	49.094	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	93026	47.621	ug/l	94
42) 1,2-Dichloroethane	8.677	62	236142	49.204	ug/l	100
43) Isopropyl Acetate	8.694	43	303696	48.988	ug/l	100
44) Trichloroethene	9.353	130	196900	48.417	ug/l	95
45) 1,2-Dichloropropane	9.624	63	168674	48.016	ug/l	99
46) Dibromomethane	9.712	93	124343	47.724	ug/l	97
47) Bromodichloromethane	9.888	83	253168	49.549	ug/l	97
48) Methyl methacrylate	9.682	41	142381	50.993	ug/l	98
49) 1,4-Dioxane	9.700	88	62878	916.005	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	902961	240.844	ug/l	99
52) Toluene	10.629	92	464445	49.401	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	255391	51.062	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	285470	51.984	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	182355	49.417	ug/l	96
56) Ethyl methacrylate	10.876	69	250401	51.086	ug/l	98
57) 1,3-Dichloropropane	11.165	76	296146	48.926	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	350363	224.512	ug/l	100
59) 2-Hexanone	11.194	43	658658	240.902	ug/l	99
60) Dibromochloromethane	11.359	129	206968	50.433	ug/l	99
61) 1,2-Dibromoethane	11.470	107	184160	49.315	ug/l	99
64) Tetrachloroethene	11.106	164	193245	52.988	ug/l	96
65) Chlorobenzene	11.894	112	511884	48.121	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	194906	49.468	ug/l	99
67) Ethyl Benzene	11.965	91	904055	50.356	ug/l	100
68) m/p-Xylenes	12.070	106	733917	103.284	ug/l	99
69) o-Xylene	12.400	106	354965	50.479	ug/l	99
70) Styrene	12.412	104	590068	52.775	ug/l	100
71) Bromoform	12.582	173	149307	52.078	ug/l #	99
73) Isopropylbenzene	12.700	105	941678	49.666	ug/l	100
74) N-amyl acetate	12.494	43	266956	47.994	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	249308	42.534	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	308996	58.424	ug/l	75
77) Bromobenzene	12.982	156	224356	46.756	ug/l	97
78) n-propylbenzene	13.035	91	1083683	51.821	ug/l	99
79) 2-Chlorotoluene	13.129	91	625695	47.931	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	804575	50.702	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	71845	48.897	ug/l	98
82) 4-Chlorotoluene	13.129	91	625695	47.931	ug/l	99
83) tert-Butylbenzene	13.441	119	711529	50.856	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	805950	51.196	ug/l	99
85) sec-Butylbenzene	13.617	105	1016341	52.630	ug/l	99
86) p-Isopropyltoluene	13.729	119	872751	54.314	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	434851	49.060	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	431530	47.658	ug/l	100
89) n-Butylbenzene	14.059	91	714646	54.898	ug/l	100
90) Hexachloroethane	14.335	117	148752	51.752	ug/l	99
91) 1,2-Dichlorobenzene	14.111	146	422616	48.406	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	42939	41.286	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	219366	50.752	ug/l	99
94) Hexachlorobutadiene	15.505	225	117858	49.978	ug/l	100
95) Naphthalene	15.641	128	596533	42.134	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	208413	51.589	ug/l	100

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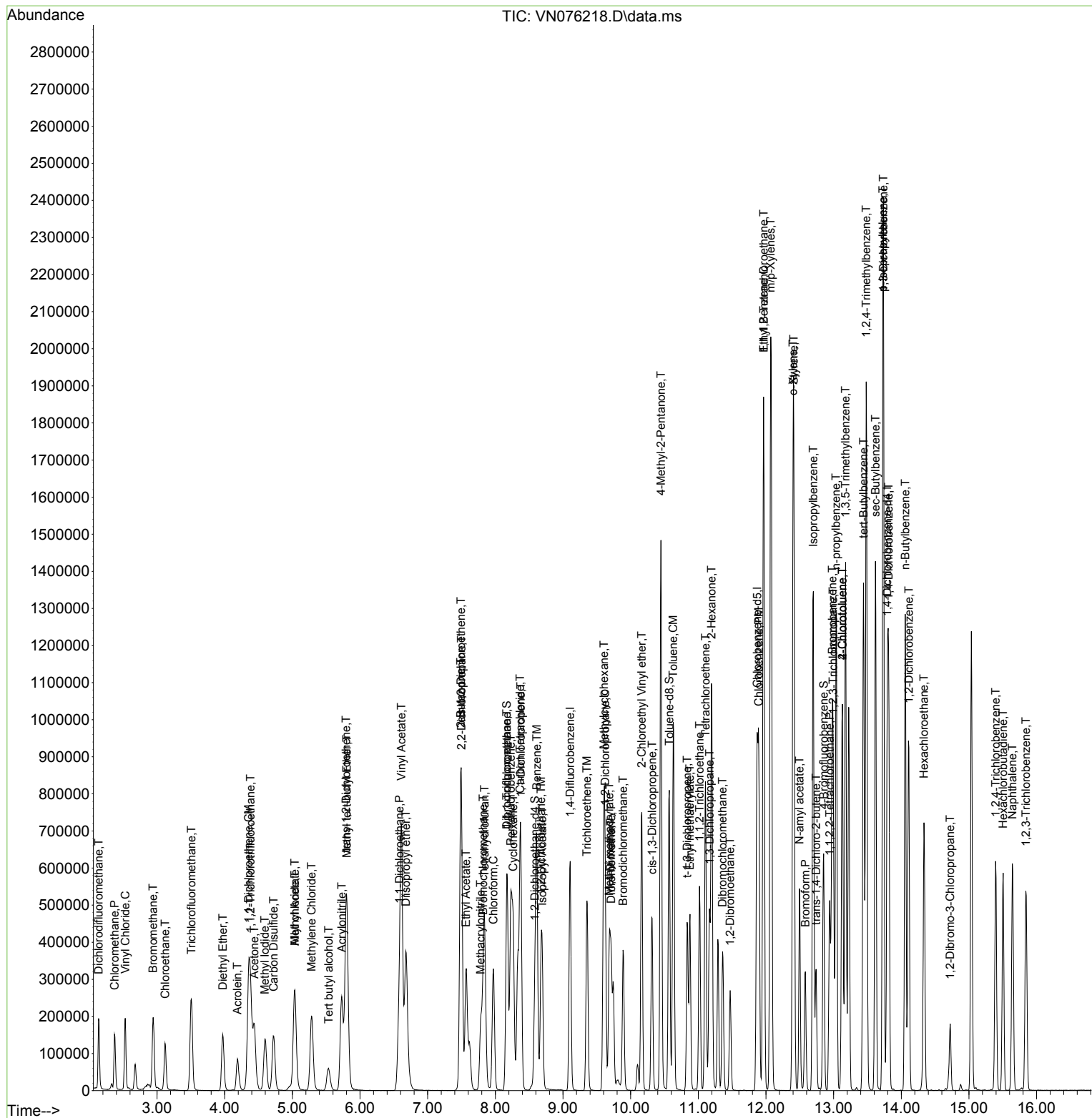
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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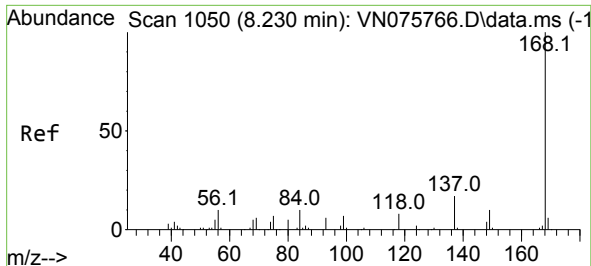
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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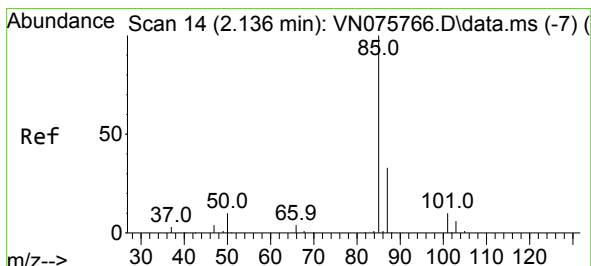
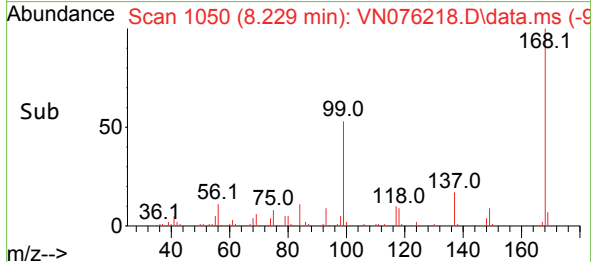
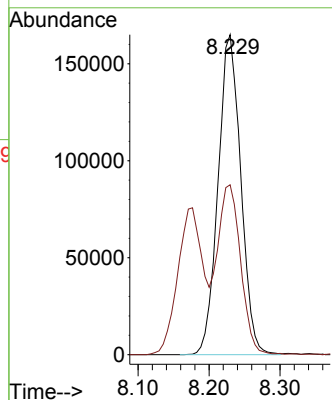
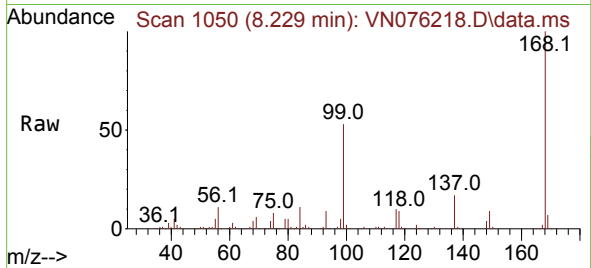




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
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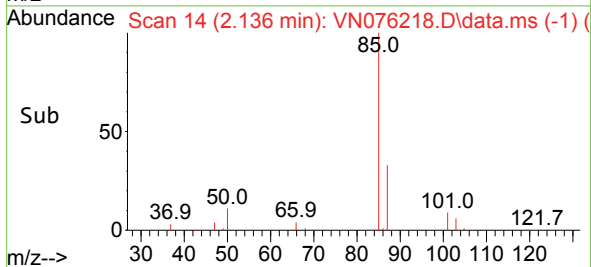
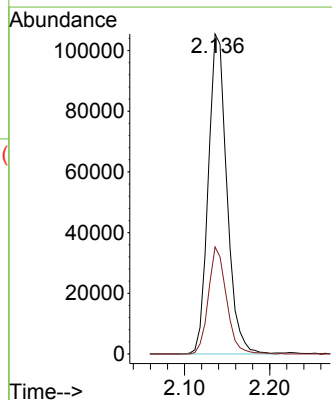
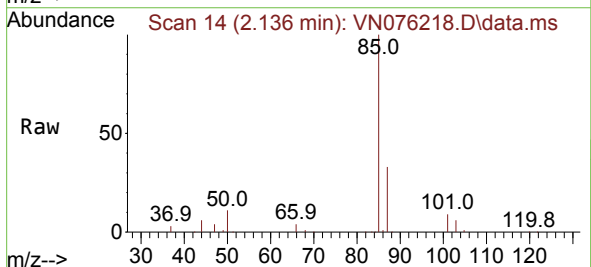
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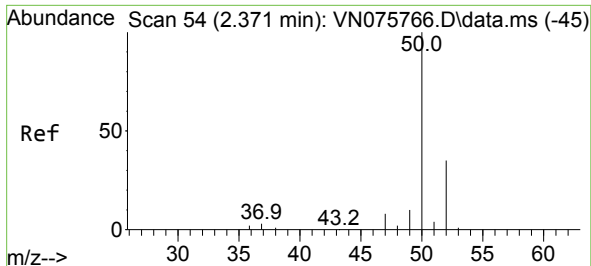
Tgt Ion:168 Resp: 365914
Ion Ratio Lower Upper
168 100
99 52.7 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 61.564 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

Tgt Ion: 85 Resp: 159949
Ion Ratio Lower Upper
85 100
87 33.4 16.3 48.9

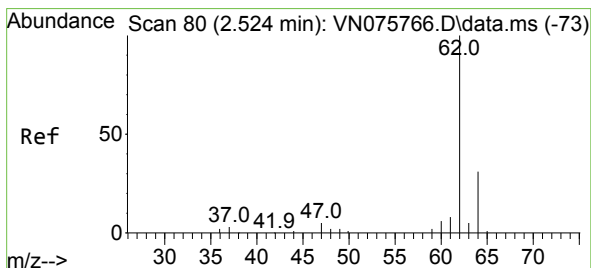
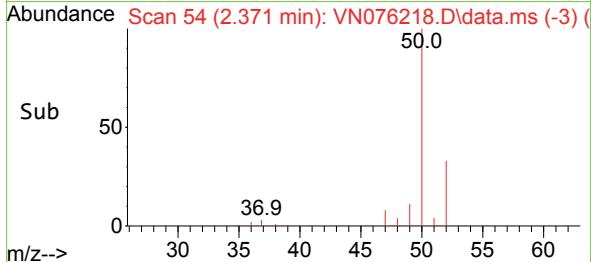
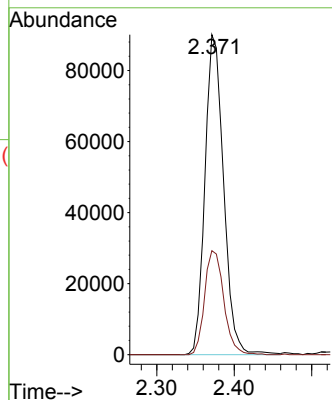
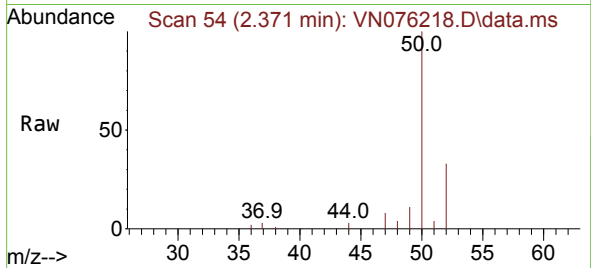




#3
Chloromethane
Concen: 46.619 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

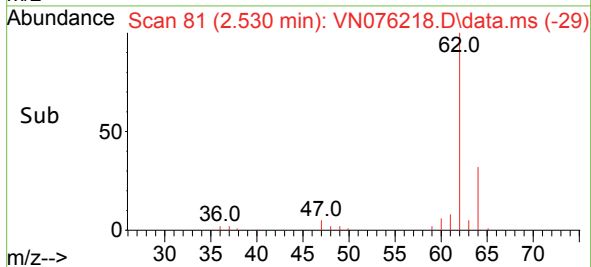
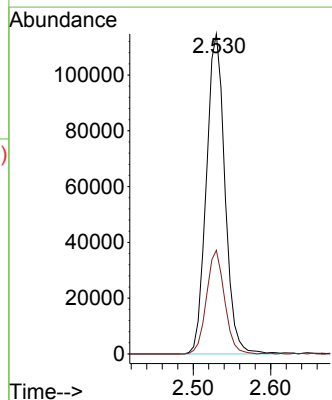
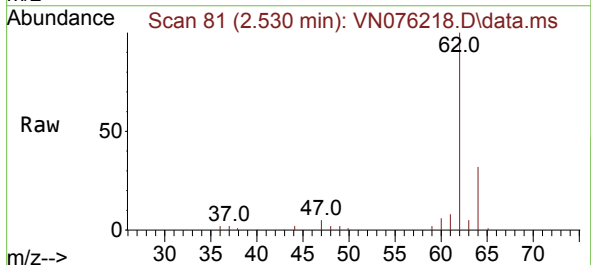
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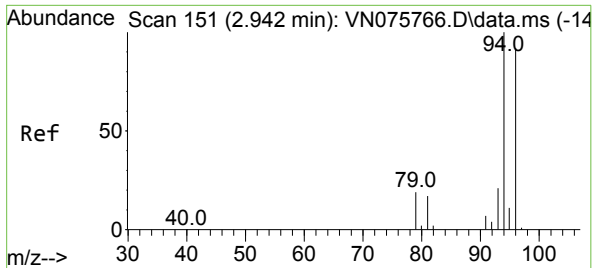
Tgt Ion: 50 Resp: 150611
Ion Ratio Lower Upper
50 100
52 32.5 27.7 41.5



#4
Vinyl Chloride
Concen: 49.435 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

Tgt Ion: 62 Resp: 190509
Ion Ratio Lower Upper
62 100
64 32.4 24.9 37.3

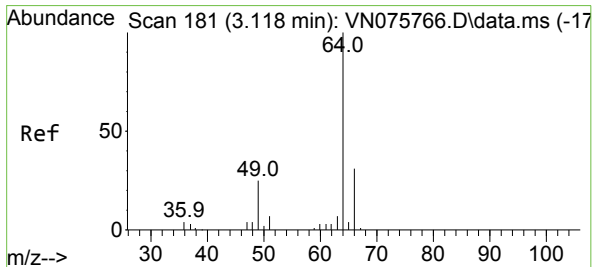
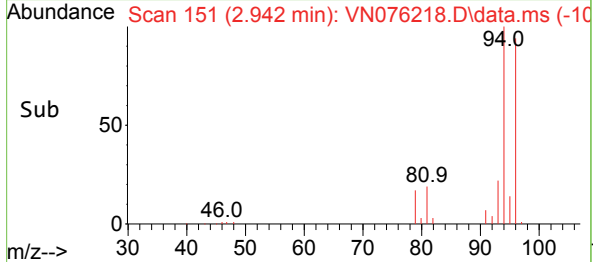
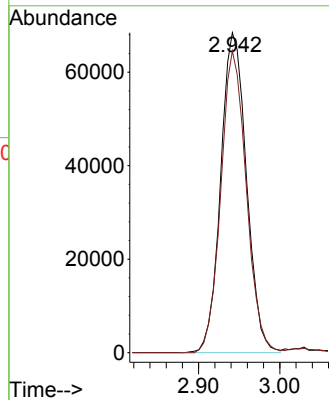
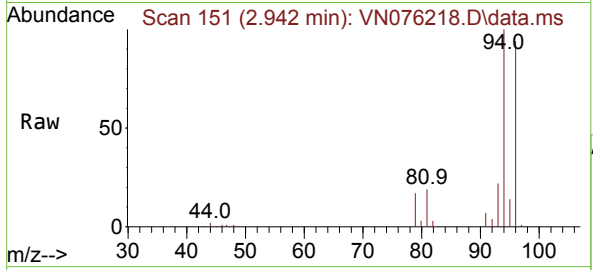




#5
Bromomethane
Concen: 46.070 ug/l
RT: 2.942 min Scan# 151
Delta R.T. -0.000 min
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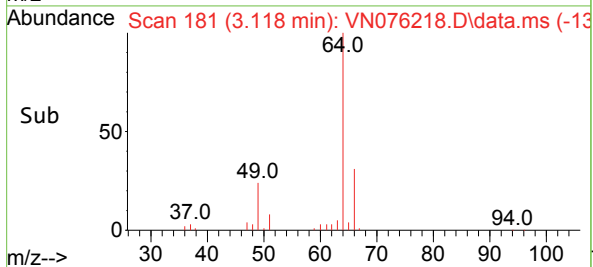
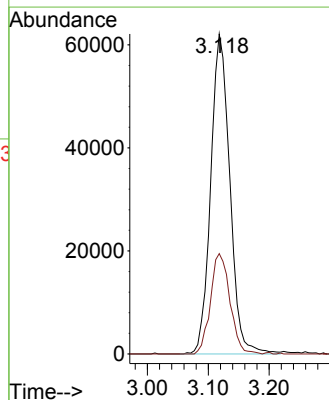
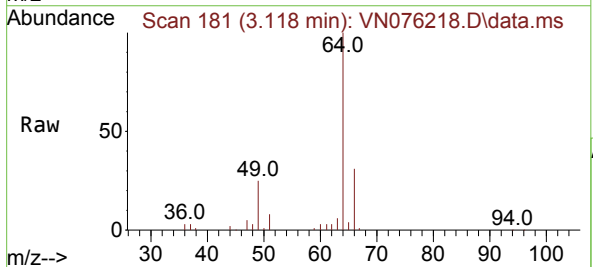
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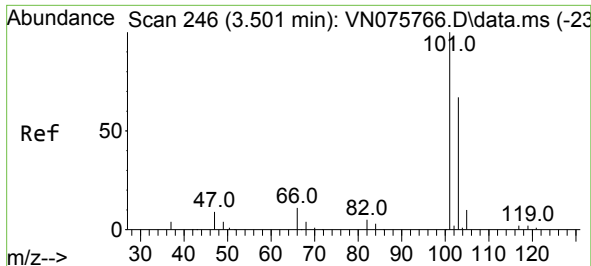
Tgt Ion: 94 Resp: 150888
Ion Ratio Lower Upper
94 100
96 94.3 73.8 110.6



#6
Chloroethane
Concen: 47.500 ug/l
RT: 3.118 min Scan# 181
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 135558
Ion Ratio Lower Upper
64 100
66 31.3 24.6 36.8

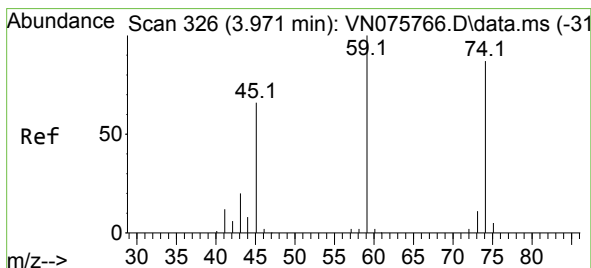
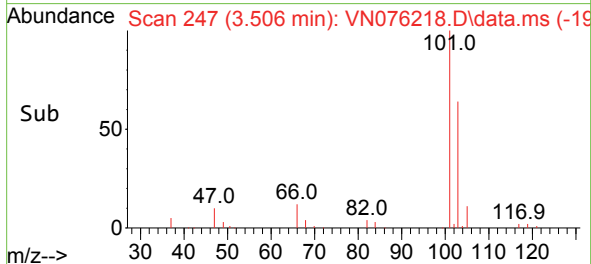
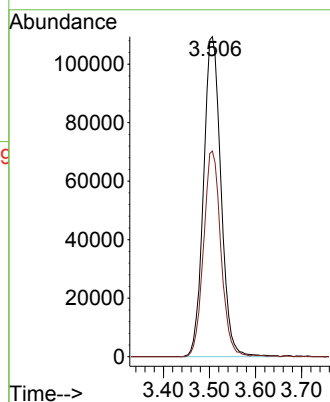
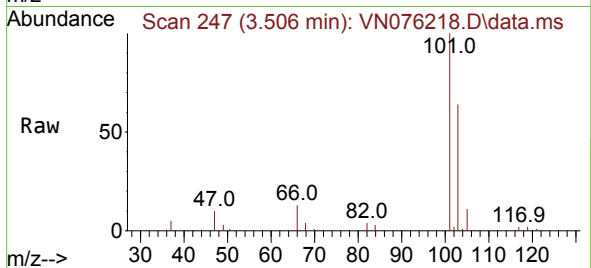




#7
 Trichlorofluoromethane
 Concen: 49.423 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN076218.D
 Acq: 12 Jan 2023 09:52

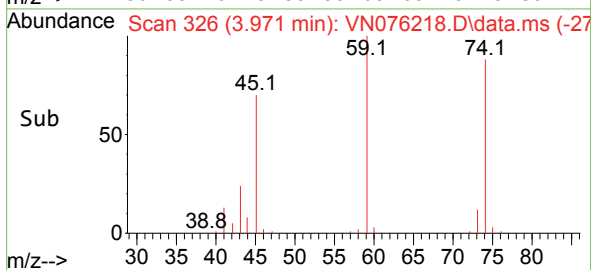
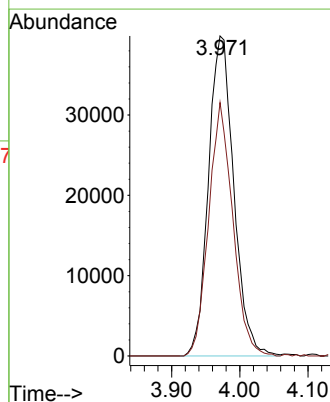
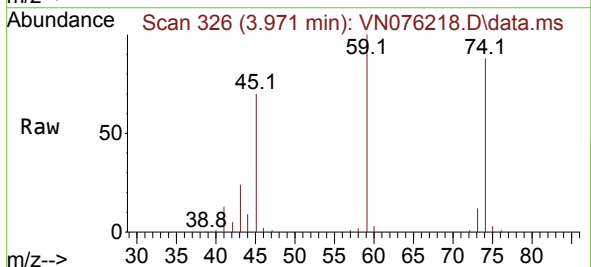
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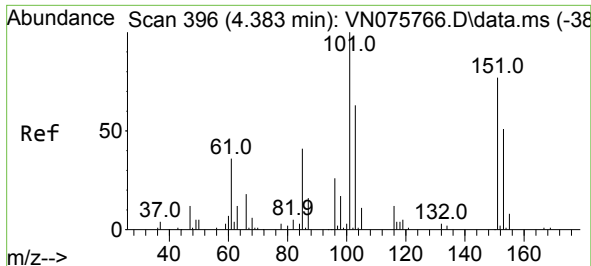
Tgt Ion:101 Resp: 289009
 Ion Ratio Lower Upper
 101 100
 103 64.3 53.4 80.2



#8
 Diethyl Ether
 Concen: 48.250 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 103053
 Ion Ratio Lower Upper
 74 100
 45 75.3 37.8 113.4

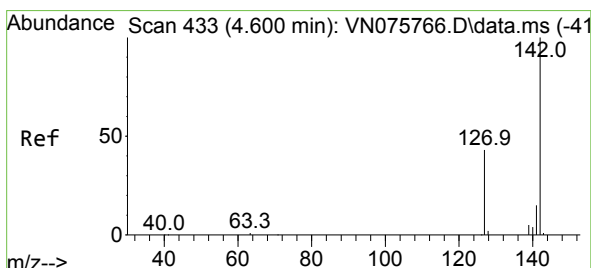
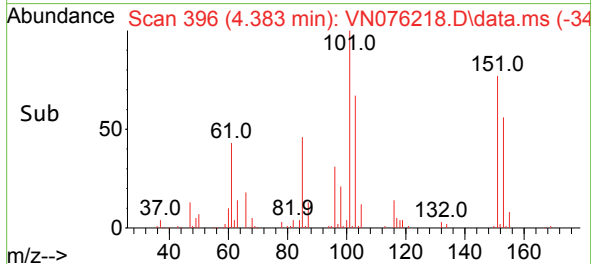
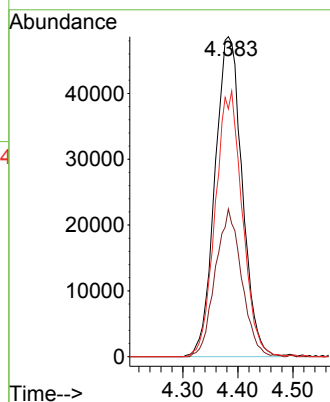
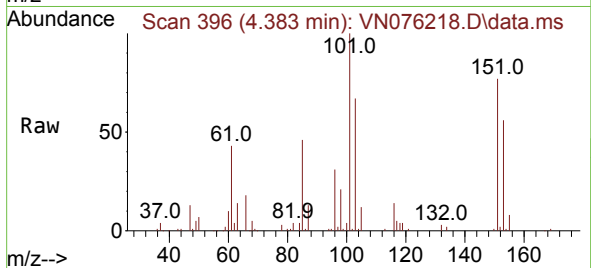




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.073 ug/l
 RT: 4.383 min Scan# 396
 Delta R.T. -0.000 min
 Lab File: VN076218.D
 Acq: 12 Jan 2023 09:52

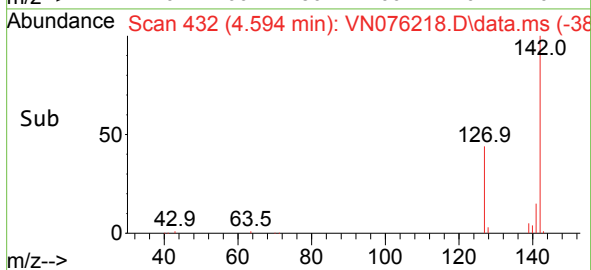
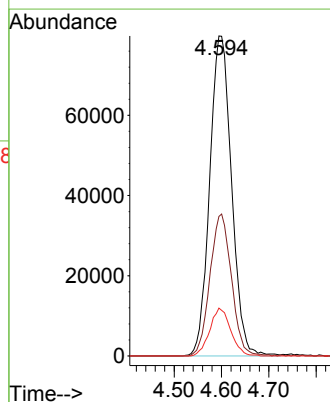
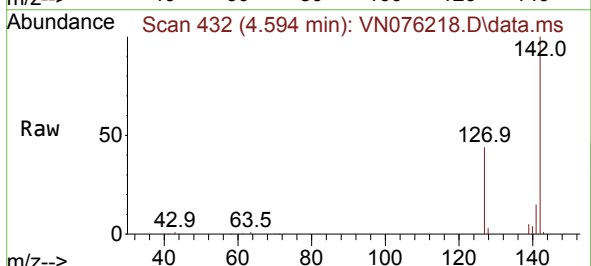
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

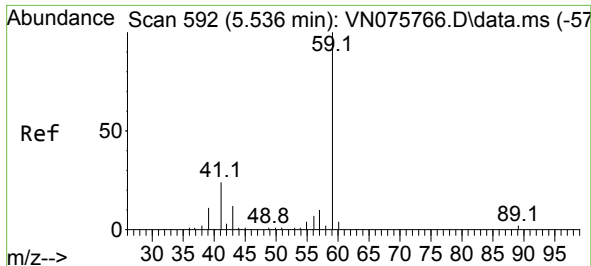
Tgt Ion:101 Resp: 167201
 Ion Ratio Lower Upper
 101 100
 85 44.7 35.3 52.9
 151 82.4 65.6 98.4



#10
 Methyl Iodide
 Concen: 47.254 ug/l
 RT: 4.594 min Scan# 432
 Delta R.T. -0.006 min
 Lab File: VN076218.D
 Acq: 12 Jan 2023 09:52

Tgt Ion:142 Resp: 256071
 Ion Ratio Lower Upper
 142 100
 127 43.5 34.7 52.1
 141 14.4 11.4 17.2

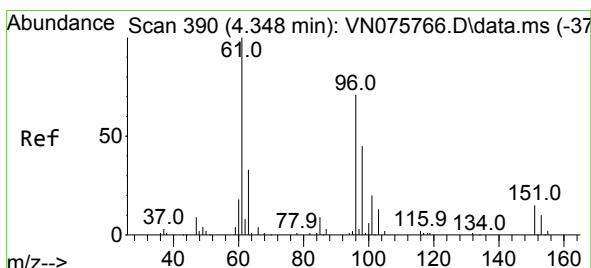
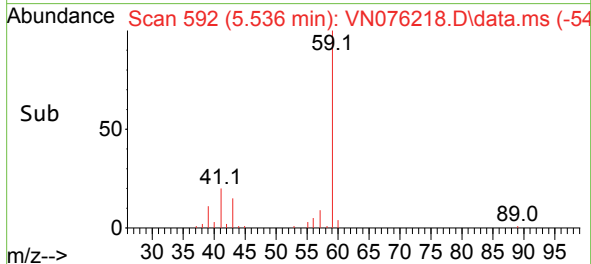
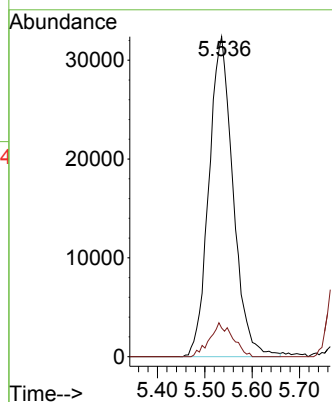
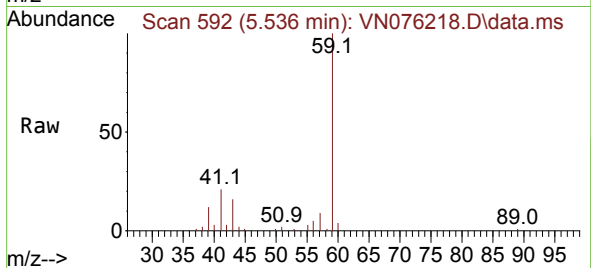




#11
Tert butyl alcohol
Concen: 203.725 ug/l
RT: 5.536 min Scan# 591
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

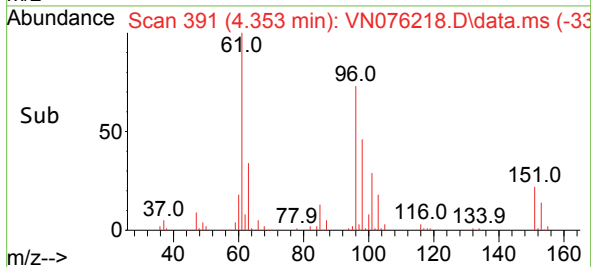
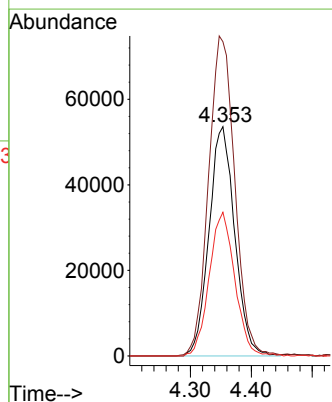
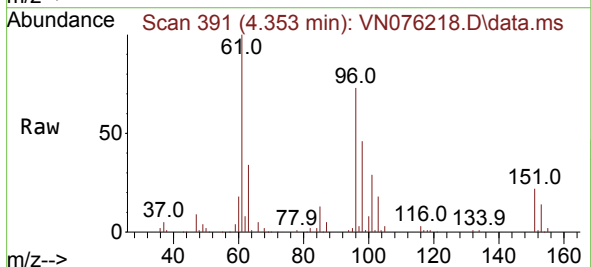
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

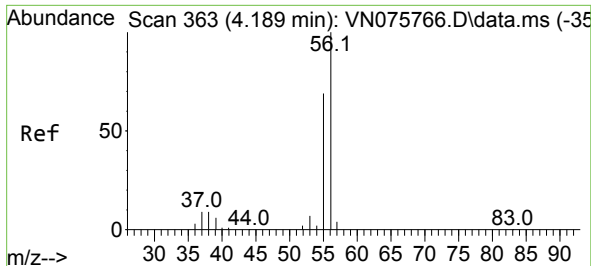
Tgt Ion: 59 Resp: 114754
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 48.436 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

Tgt Ion: 96 Resp: 157082
Ion Ratio Lower Upper
96 100
61 136.7 113.3 169.9
98 62.6 50.9 76.3





#13

Acrolein

Concen: 162.778 ug/l

RT: 4.189 min Scan# 3

Delta R.T. -0.000 min

Lab File: VN076218.D

Acq: 12 Jan 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

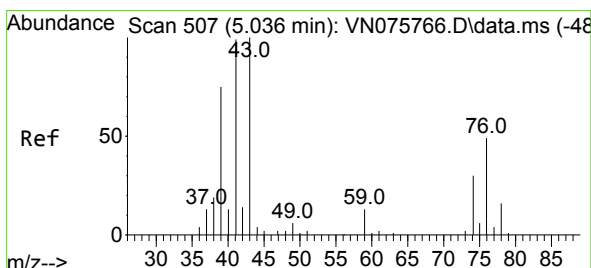
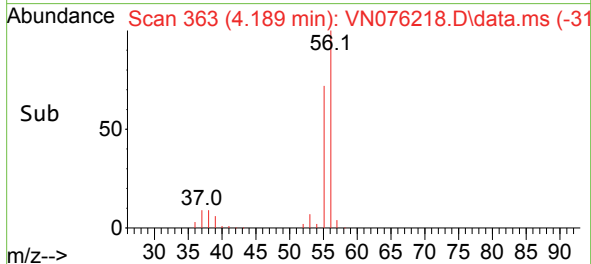
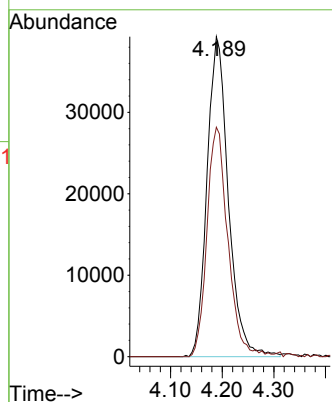
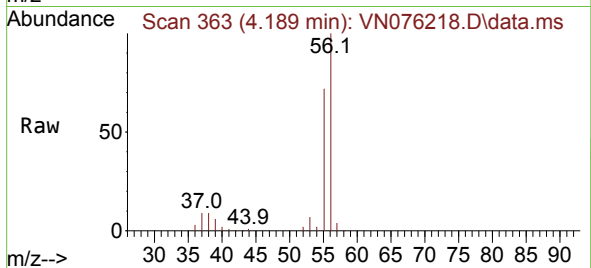
VSTDCCC050

Tgt Ion: 56 Resp: 112408

Ion Ratio Lower Upper

56 100

55 70.3 54.8 82.2



#14

Allyl chloride

Concen: 46.442 ug/l

RT: 5.036 min Scan# 507

Delta R.T. -0.000 min

Lab File: VN076218.D

Acq: 12 Jan 2023 09:52

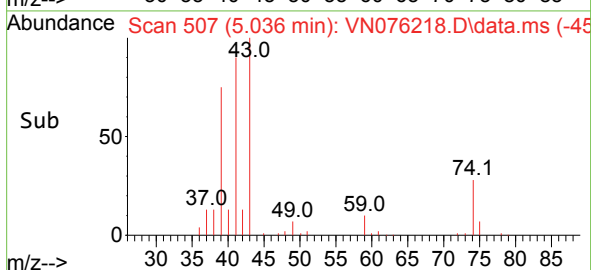
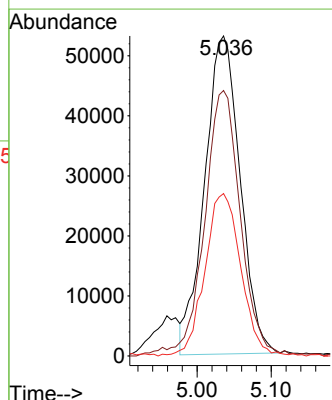
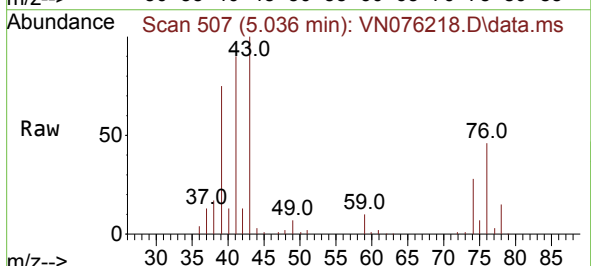
Tgt Ion: 41 Resp: 176067

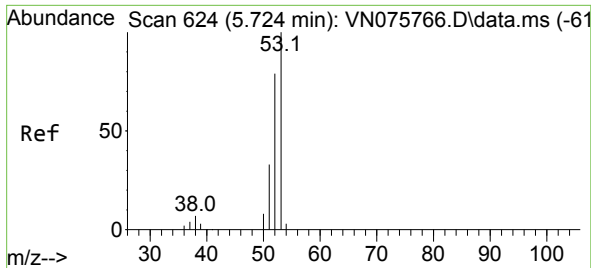
Ion Ratio Lower Upper

41 100

39 84.7 58.3 87.5

76 51.8 35.8 53.6

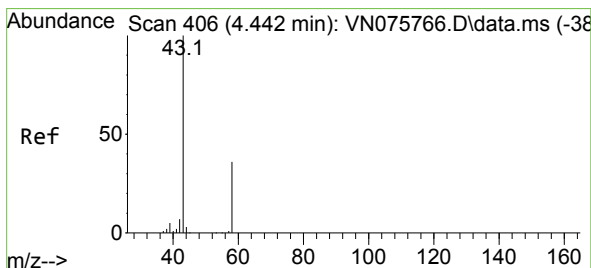
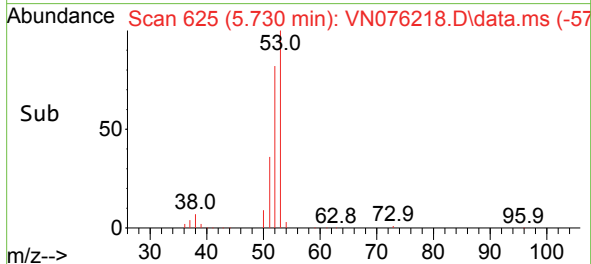
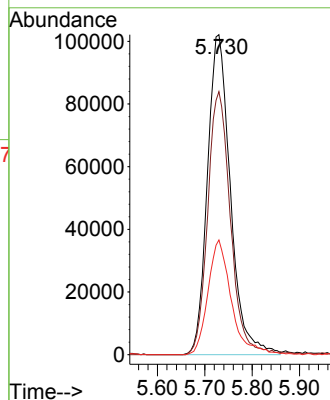
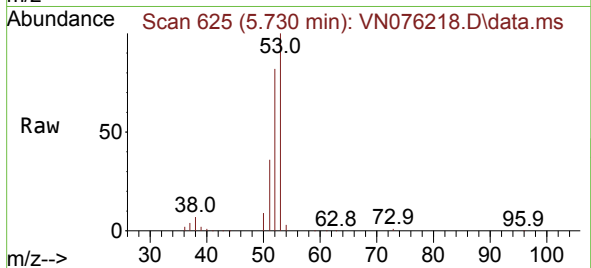




#15
Acrylonitrile
Concen: 224.314 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

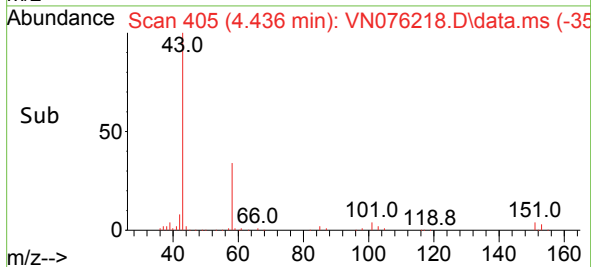
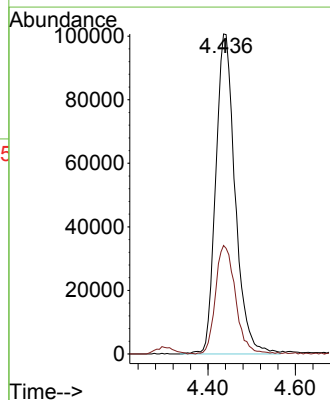
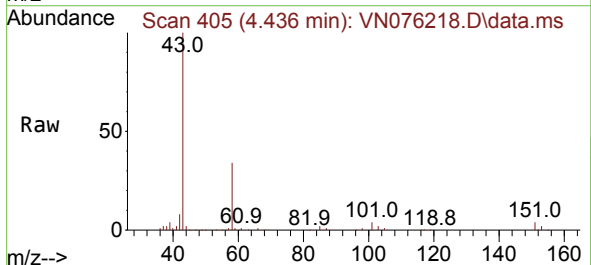
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

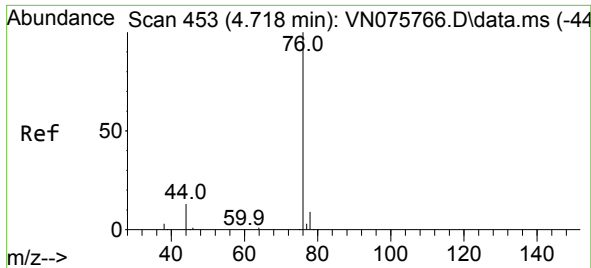
Tgt Ion: 53 Resp: 344805
Ion Ratio Lower Upper
53 100
52 81.3 65.4 98.0
51 36.6 28.9 43.3



#16
Acetone
Concen: 225.231 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

Tgt Ion: 43 Resp: 309075
Ion Ratio Lower Upper
43 100
58 33.7 28.6 43.0

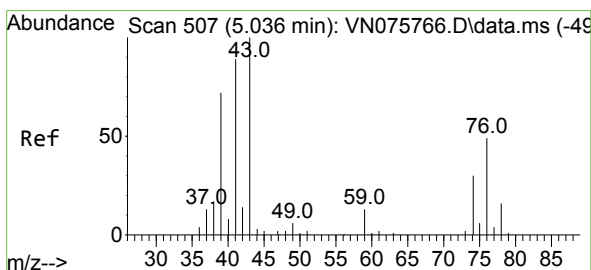
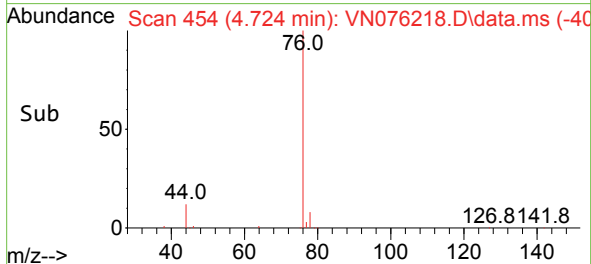
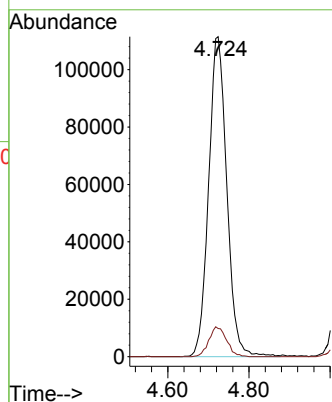
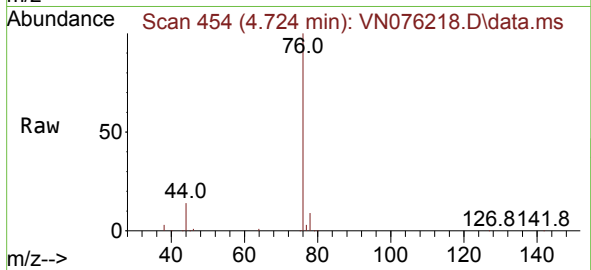




#17
Carbon Disulfide
Concen: 43.972 ug/l
RT: 4.724 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

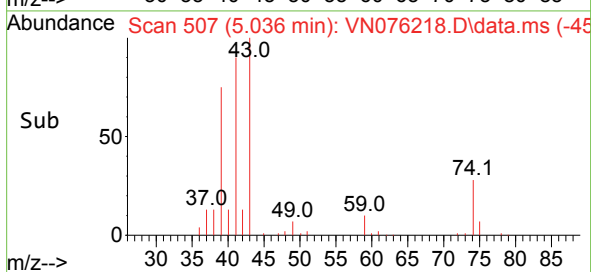
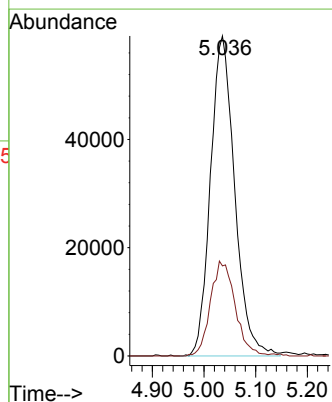
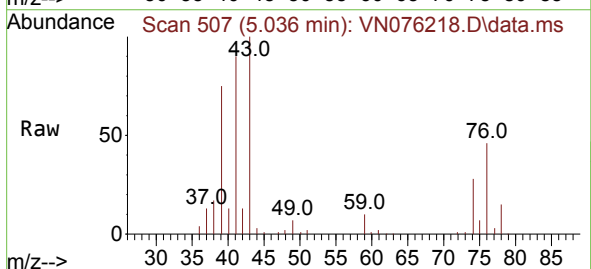
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

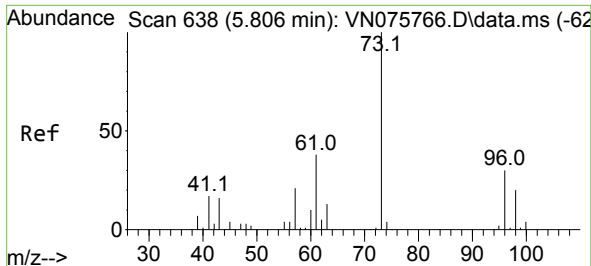
Tgt Ion: 76 Resp: 345273
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 47.440 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

Tgt Ion: 43 Resp: 192429
Ion Ratio Lower Upper
43 100
74 30.1 23.6 35.4

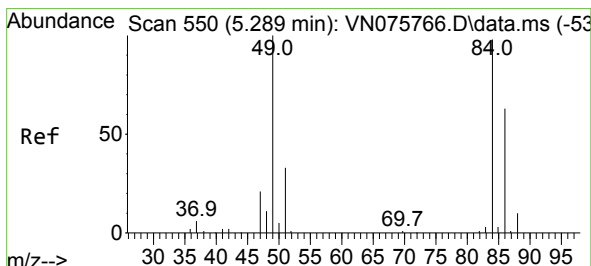
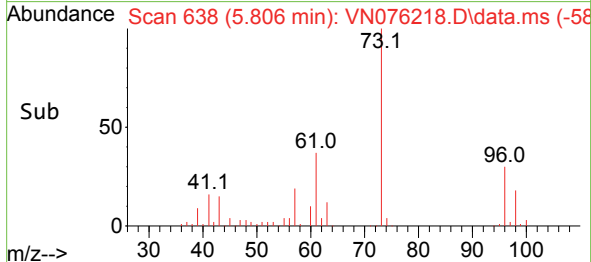
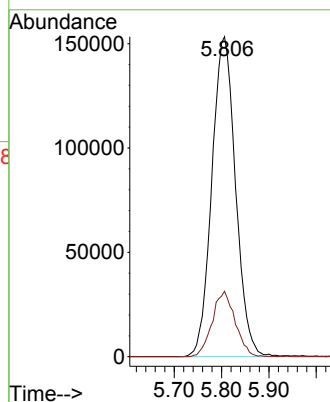
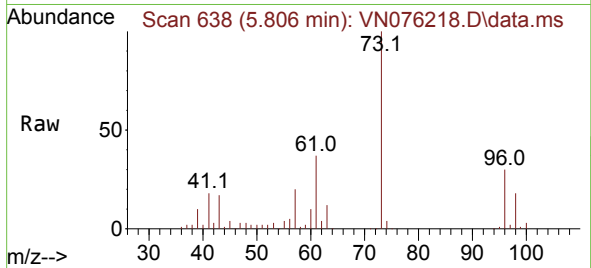




#19
Methyl tert-butyl Ether
Concen: 49.975 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

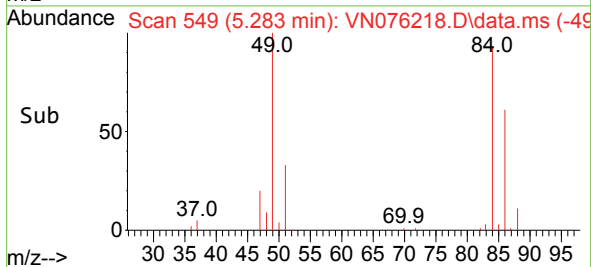
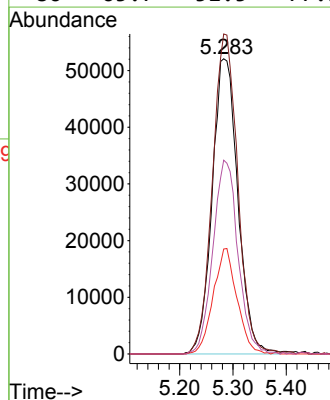
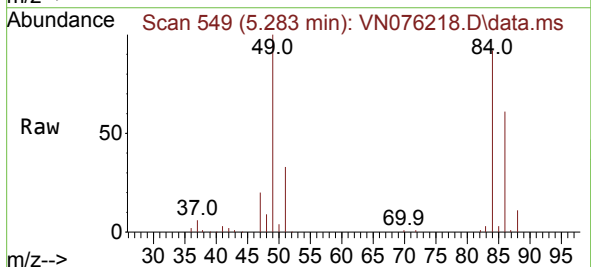
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

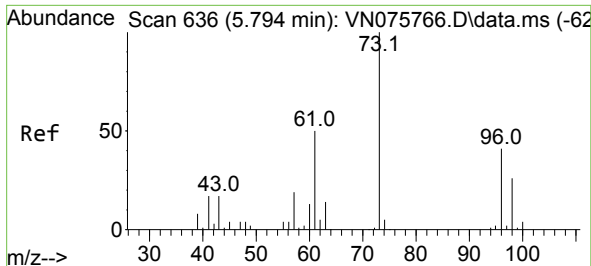
Tgt Ion: 73 Resp: 533714
Ion Ratio Lower Upper
73 100
57 20.5 17.1 25.7



#20
Methylene Chloride
Concen: 47.510 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

Tgt Ion: 84 Resp: 174523
Ion Ratio Lower Upper
84 100
49 108.4 81.8 122.6
51 35.5 26.7 40.1
86 65.7 51.5 77.3

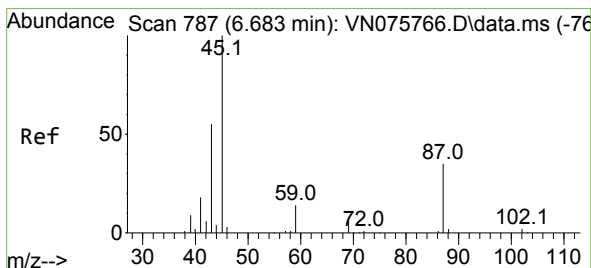
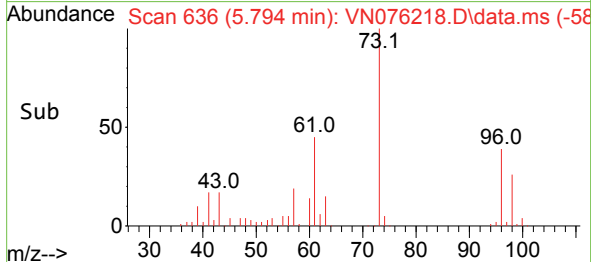
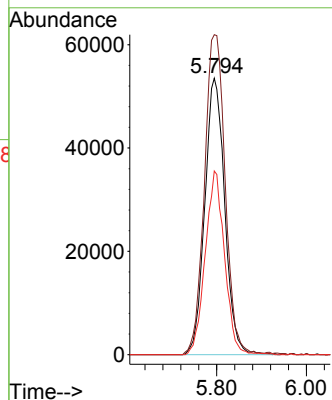
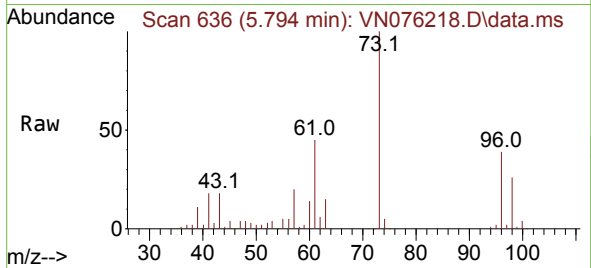




#21
trans-1,2-Dichloroethene
Concen: 46.532 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

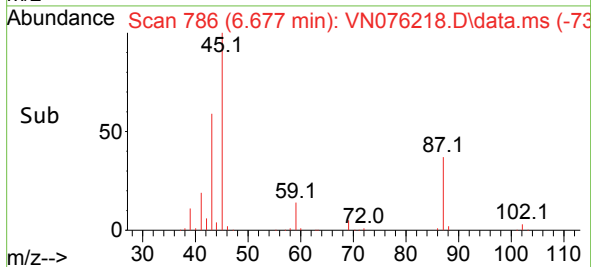
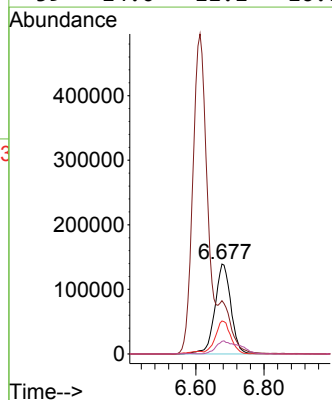
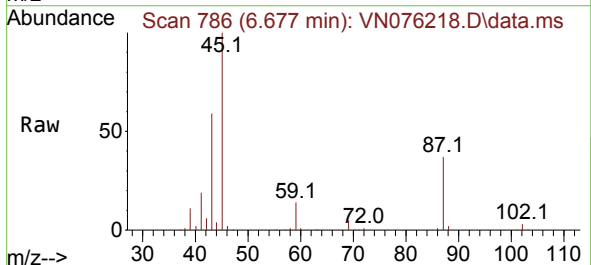
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

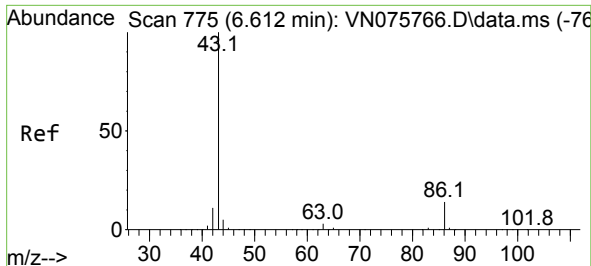
Tgt Ion: 96 Resp: 165266
Ion Ratio Lower Upper
96 100
61 115.7 98.1 147.1
98 66.4 51.4 77.2



#22
Diisopropyl ether
Concen: 49.199 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

Tgt Ion: 45 Resp: 453104
Ion Ratio Lower Upper
45 100
43 58.7 44.2 66.4
87 36.6 28.3 42.5
59 14.0 11.1 16.7

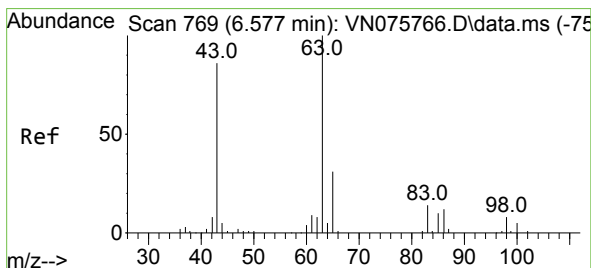
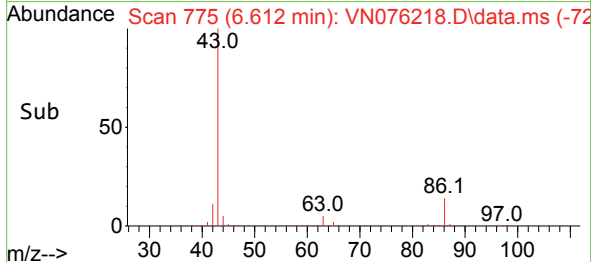
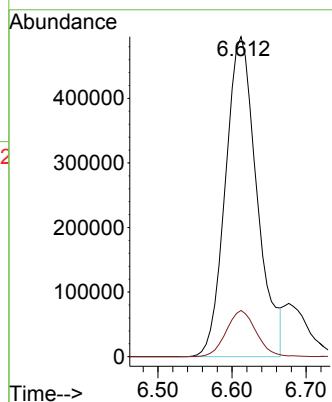
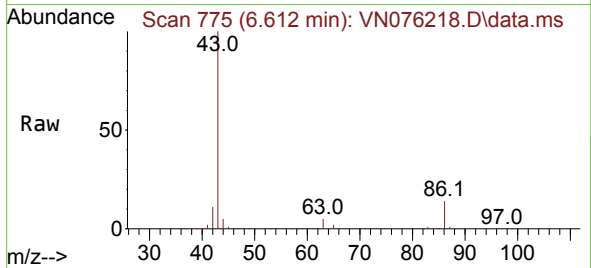




#23
 Vinyl Acetate
 Concen: 235.479 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN076218.D
 Acq: 12 Jan 2023 09:52

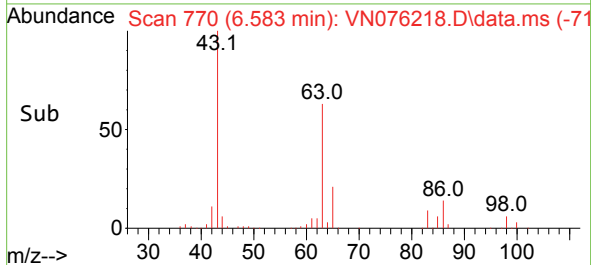
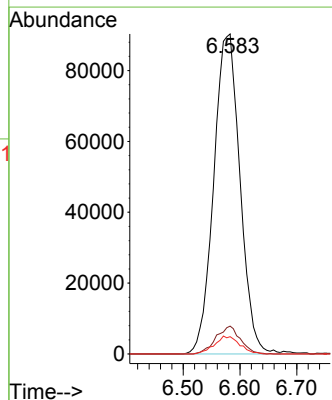
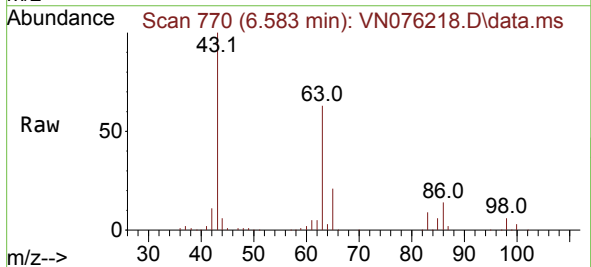
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

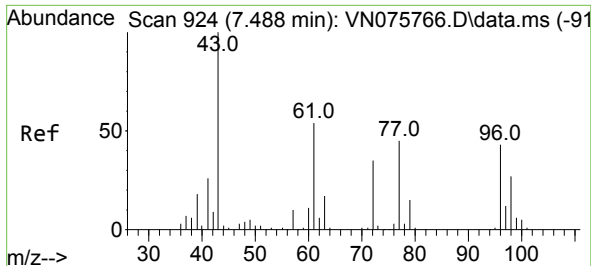
Tgt Ion: 43 Resp: 1459669
 Ion Ratio Lower Upper
 43 100
 86 14.5 11.4 17.2



#24
 1,1-Dichloroethane
 Concen: 47.190 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN076218.D
 Acq: 12 Jan 2023 09:52

Tgt Ion: 63 Resp: 289842
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.9 11.5
 100 5.4 2.5 7.6





#25

2-Butanone

Concen: 227.353 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN076218.D

Acq: 12 Jan 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

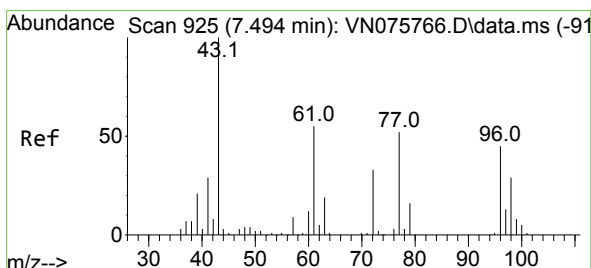
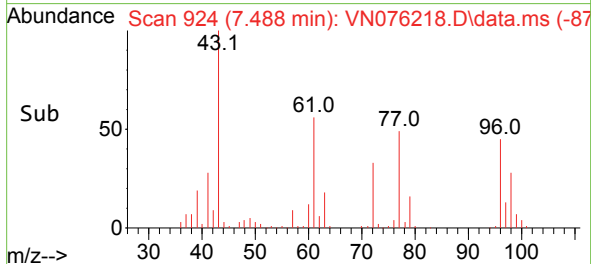
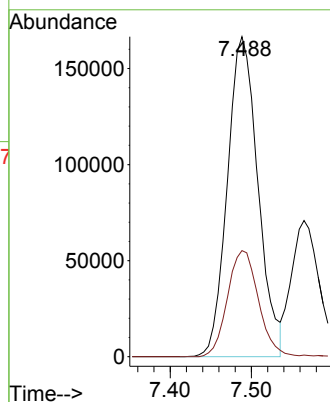
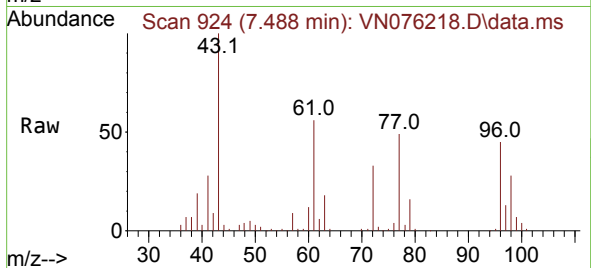
VSTDCCC050

Tgt Ion: 43 Resp: 436839

Ion Ratio Lower Upper

43 100

72 33.2 28.0 42.0



#26

2,2-Dichloropropane

Concen: 49.298 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN076218.D

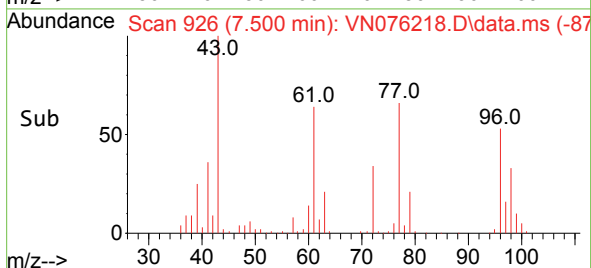
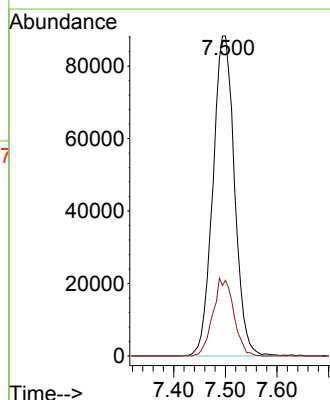
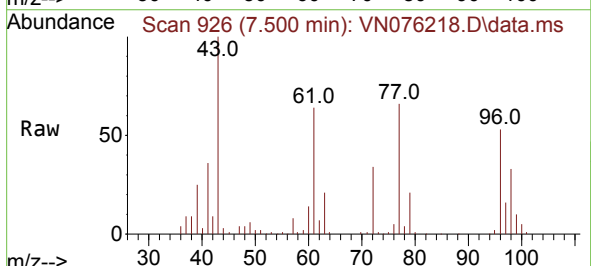
Acq: 12 Jan 2023 09:52

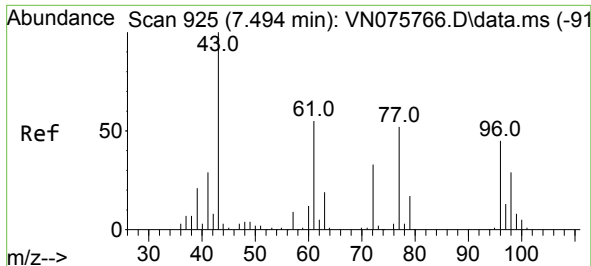
Tgt Ion: 77 Resp: 256417

Ion Ratio Lower Upper

77 100

97 23.4 12.7 38.0

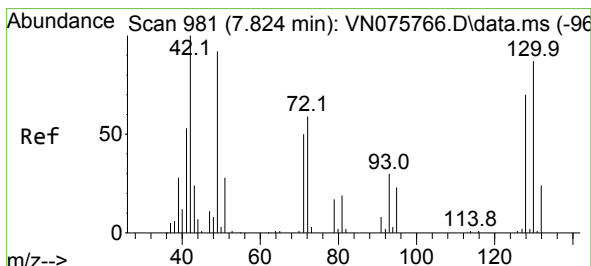
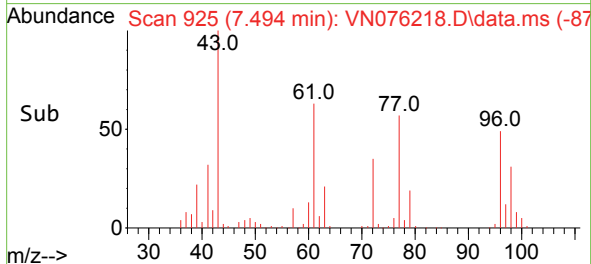
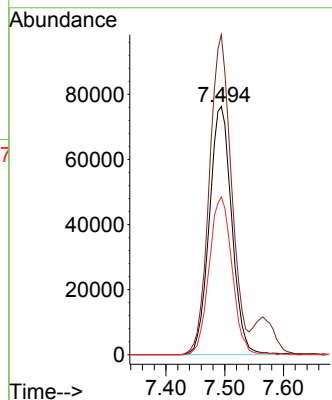
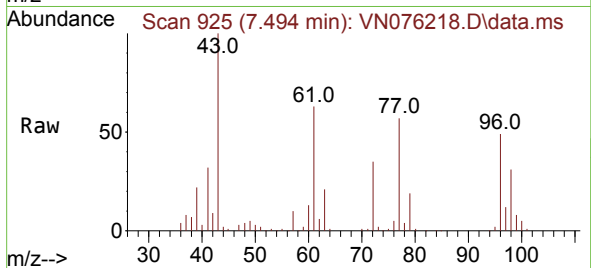




#27
 cis-1,2-Dichloroethene
 Concen: 47.664 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN076218.D
 Acq: 12 Jan 2023 09:52

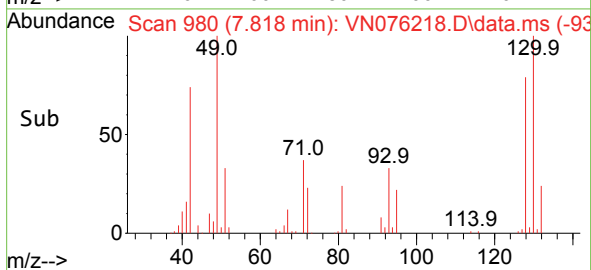
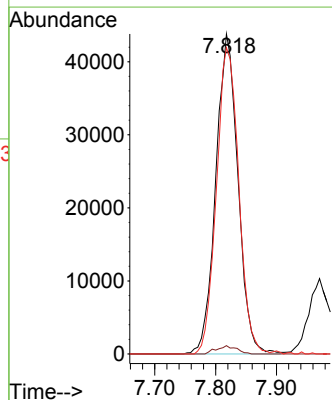
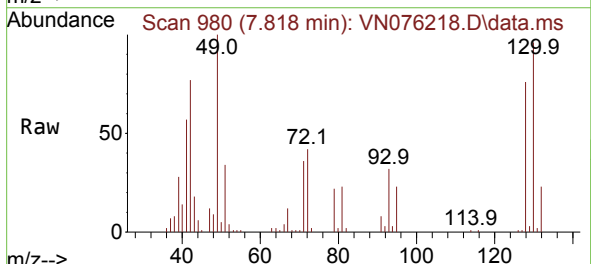
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

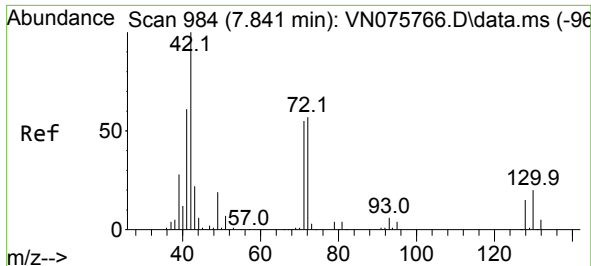
Tgt Ion: 96 Resp: 202465
 Ion Ratio Lower Upper
 96 100
 61 127.1 0.0 247.8
 98 64.8 0.0 128.4



#28
 Bromochloromethane
 Concen: 41.122 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN076218.D
 Acq: 12 Jan 2023 09:52

Tgt Ion: 49 Resp: 110704
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 5.0
 130 96.2 77.0 115.4





#29

Tetrahydrofuran

Concen: 229.148 ug/l

RT: 7.841 min Scan# 984

Delta R.T. -0.000 min

Lab File: VN076218.D

Acq: 12 Jan 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

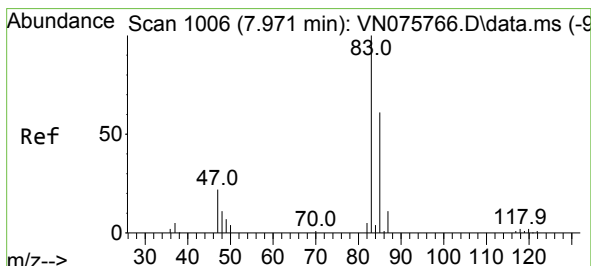
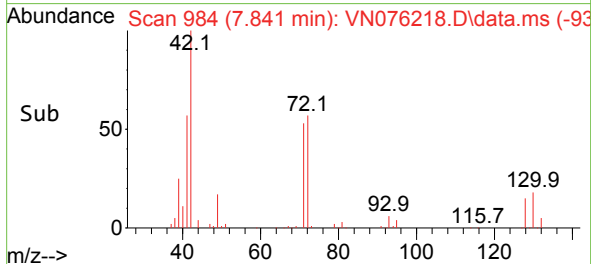
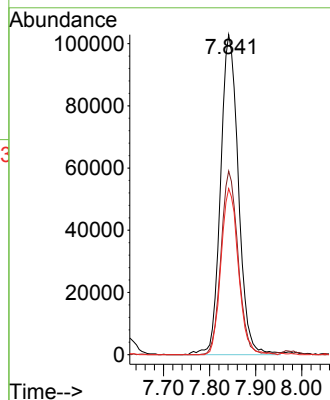
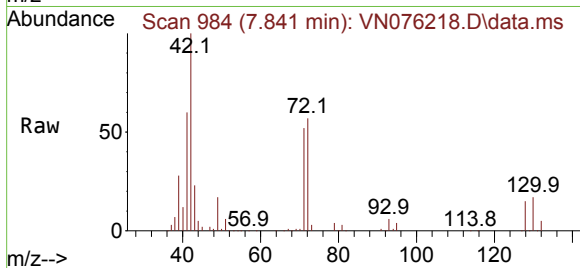
Tgt Ion: 42 Resp: 275917

Ion Ratio Lower Upper

42 100

72 54.9 44.5 66.7

71 50.4 41.0 61.6



#30

Chloroform

Concen: 46.451 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN076218.D

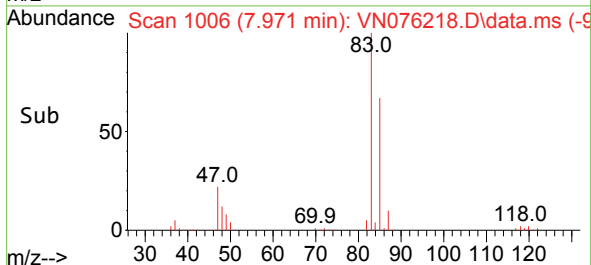
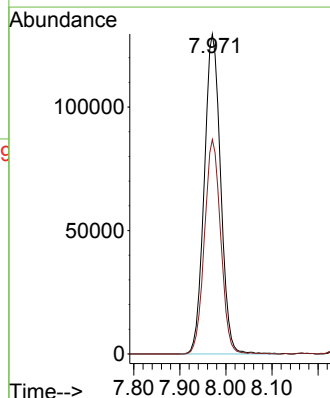
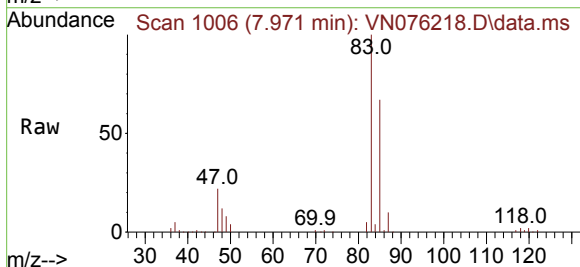
Acq: 12 Jan 2023 09:52

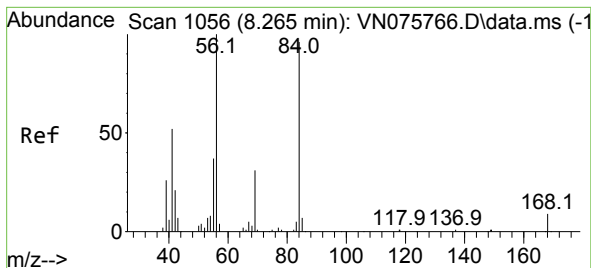
Tgt Ion: 83 Resp: 321228

Ion Ratio Lower Upper

83 100

85 67.0 49.1 73.7





#31

Cyclohexane

Concen: 44.224 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN076218.D

Acq: 12 Jan 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

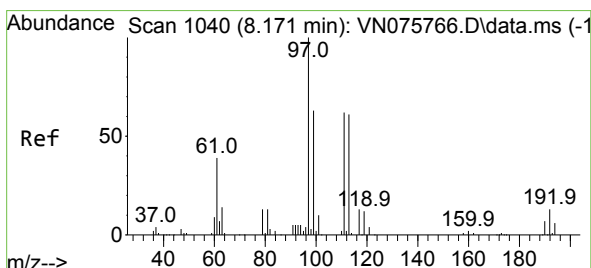
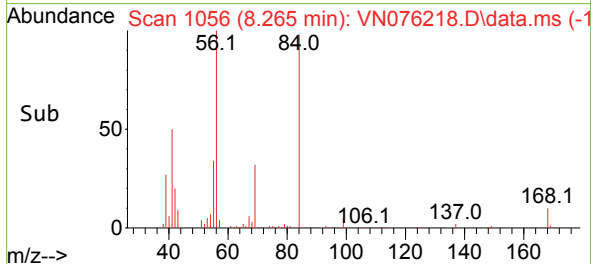
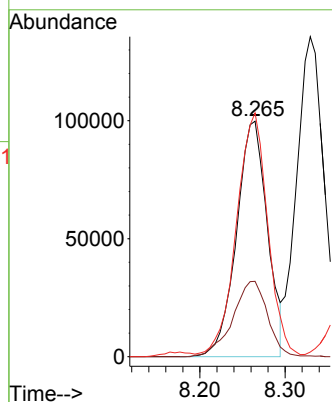
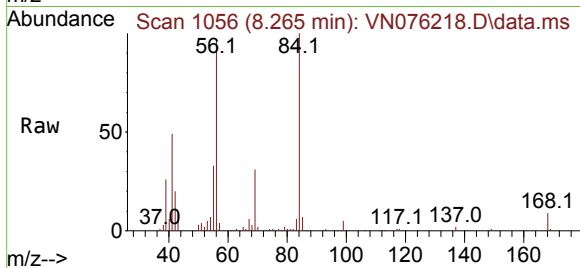
Tgt Ion: 56 Resp: 252130

Ion Ratio Lower Upper

56 100

69 32.0 24.7 37.1

84 101.6 76.5 114.7



#32

1,1,1-Trichloroethane

Concen: 48.068 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076218.D

Acq: 12 Jan 2023 09:52

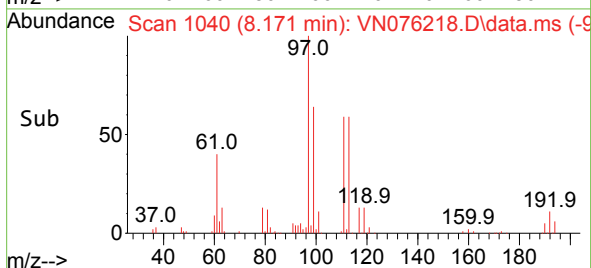
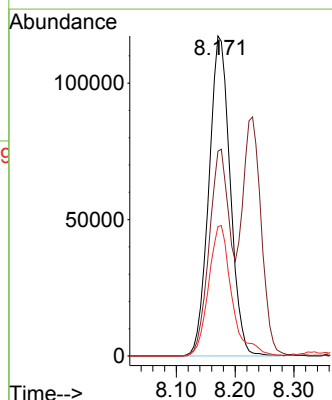
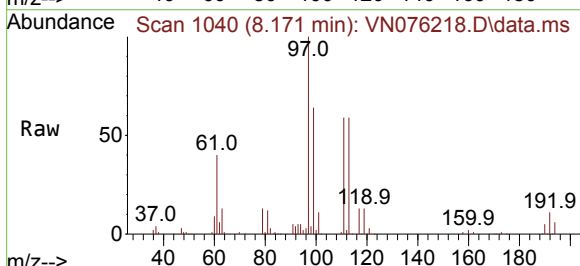
Tgt Ion: 97 Resp: 294698

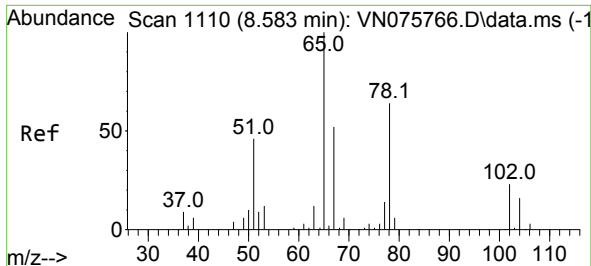
Ion Ratio Lower Upper

97 100

99 63.9 50.2 75.2

61 44.4 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 43.839 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN076218.D

Acq: 12 Jan 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

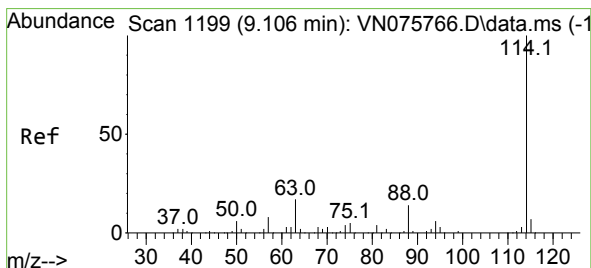
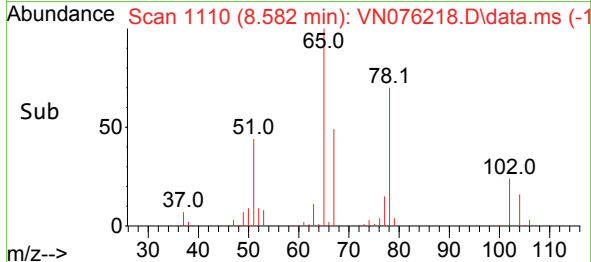
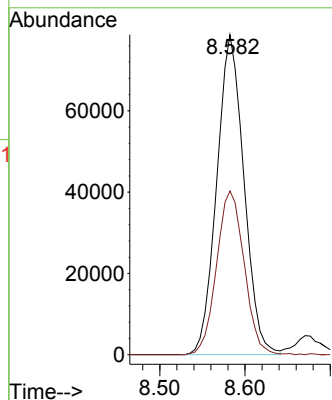
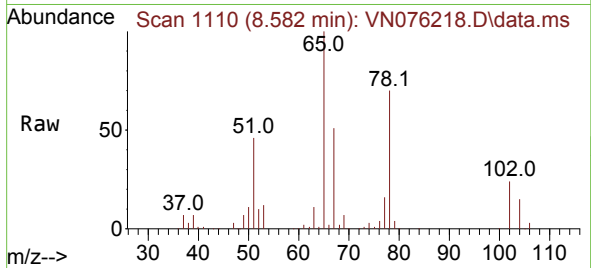
VSTDCCC050

Tgt Ion: 65 Resp: 174514

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076218.D

Acq: 12 Jan 2023 09:52

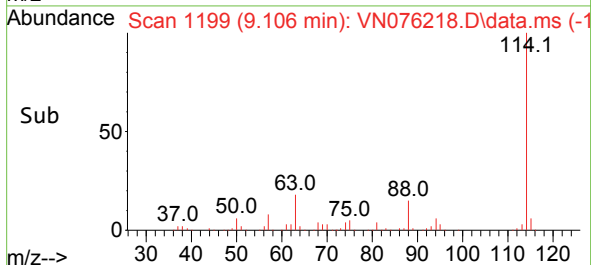
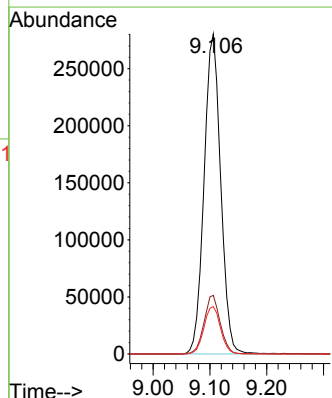
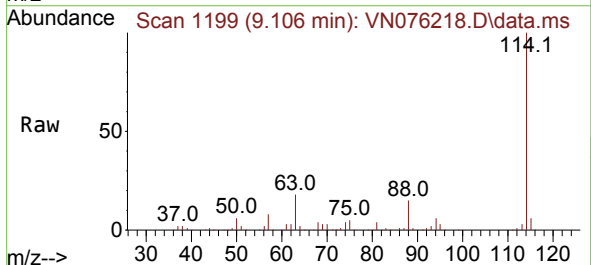
Tgt Ion: 114 Resp: 568737

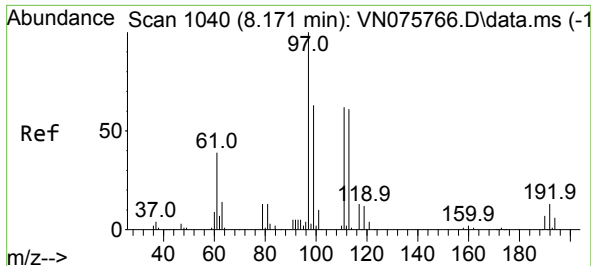
Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.4

88 14.8 0.0 28.8





#35

Dibromofluoromethane

Concen: 46.885 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076218.D

Acq: 12 Jan 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

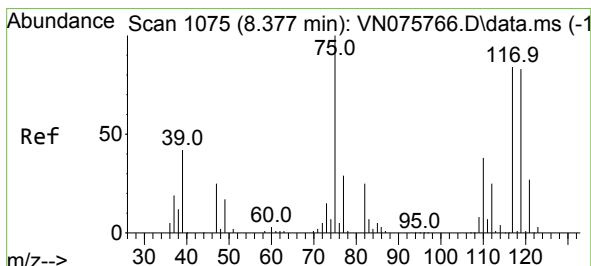
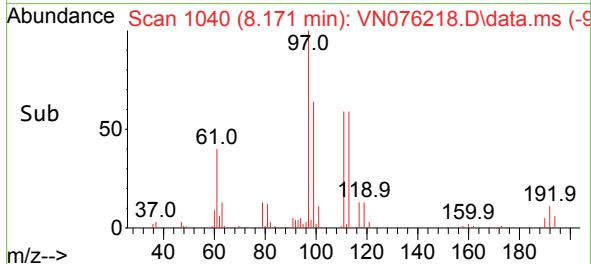
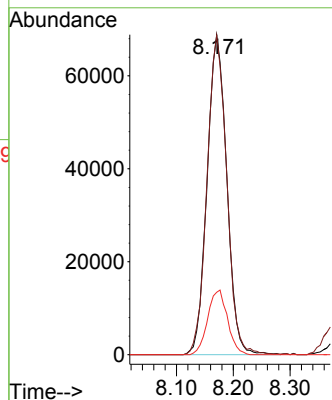
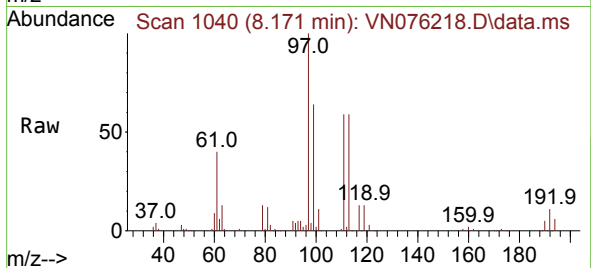
Tgt Ion:113 Resp: 165134

Ion Ratio Lower Upper

113 100

111 100.2 83.4 125.2

192 20.4 16.1 24.1



#36

1,1-Dichloropropene

Concen: 50.155 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN076218.D

Acq: 12 Jan 2023 09:52

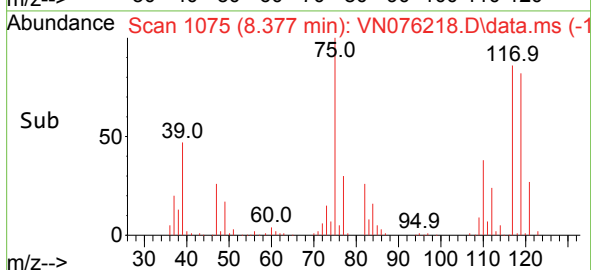
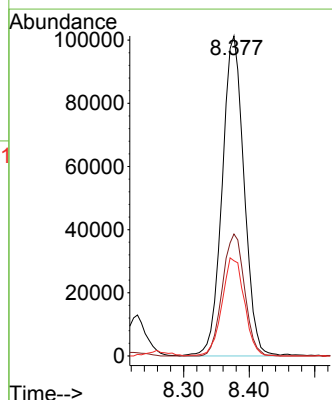
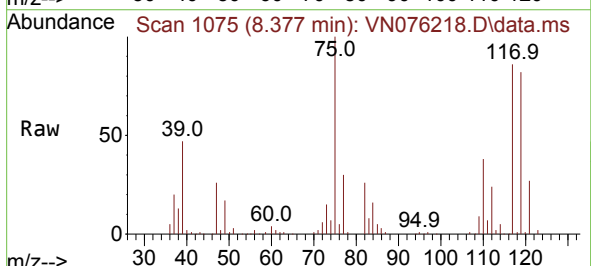
Tgt Ion: 75 Resp: 234664

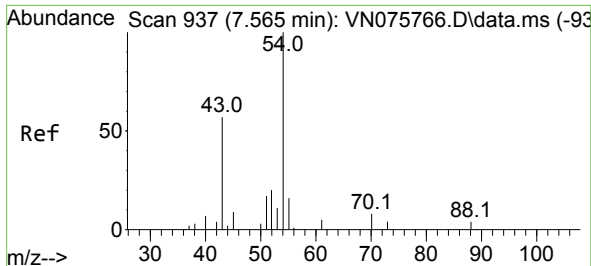
Ion Ratio Lower Upper

75 100

110 38.6 18.8 56.4

77 31.3 24.1 36.1

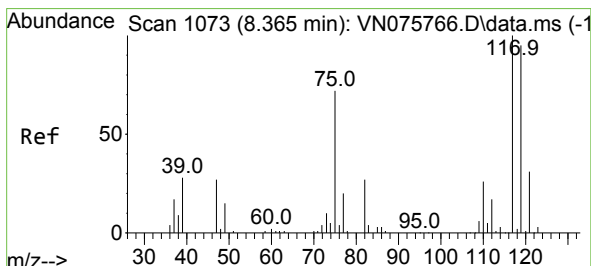
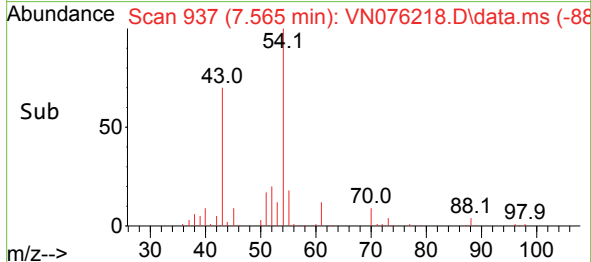
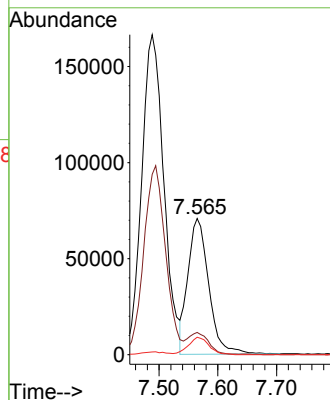
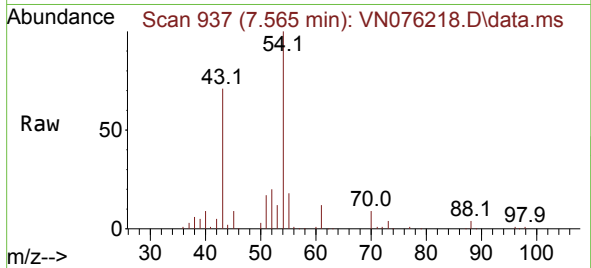




#37
Ethyl Acetate
Concen: 46.197 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

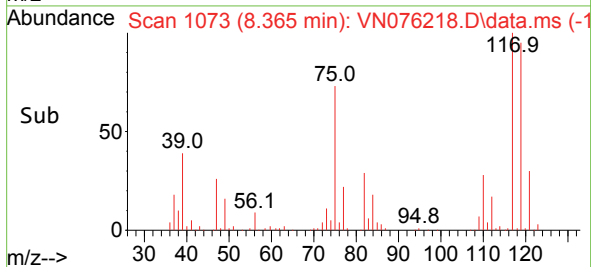
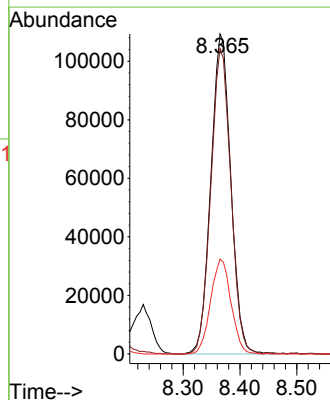
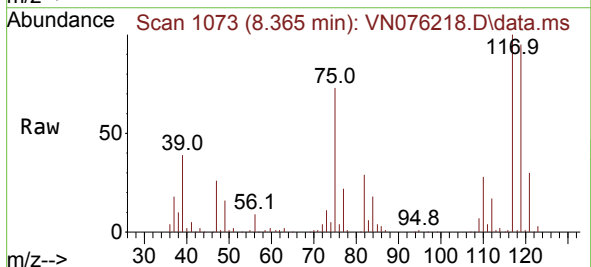
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

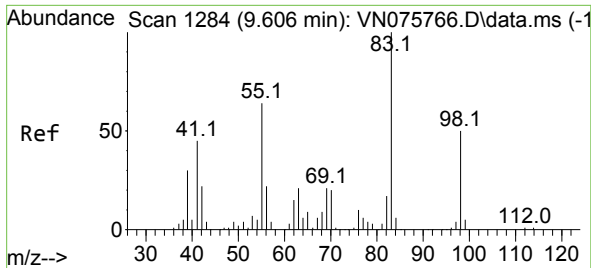
Tgt Ion: 43 Resp: 173618
Ion Ratio Lower Upper
43 100
61 15.6 13.0 19.4
70 12.7 9.4 14.0



#38
Carbon Tetrachloride
Concen: 50.892 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

Tgt Ion: 117 Resp: 266501
Ion Ratio Lower Upper
117 100
119 95.4 76.1 114.1
121 29.6 24.5 36.7

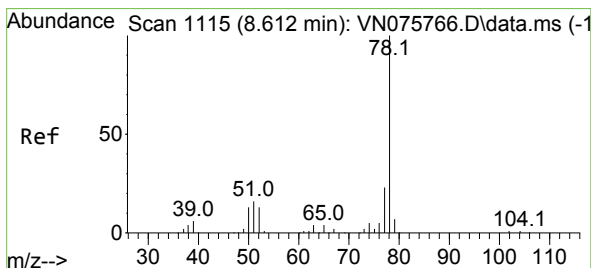
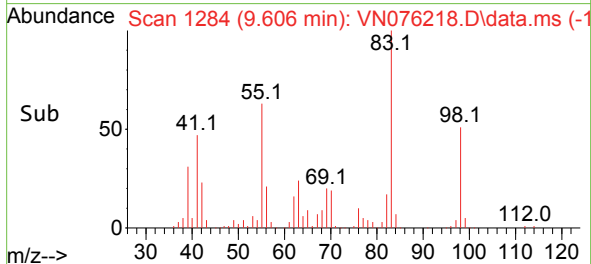
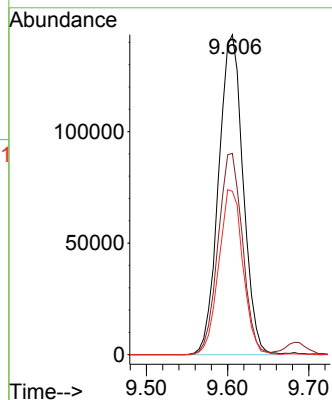
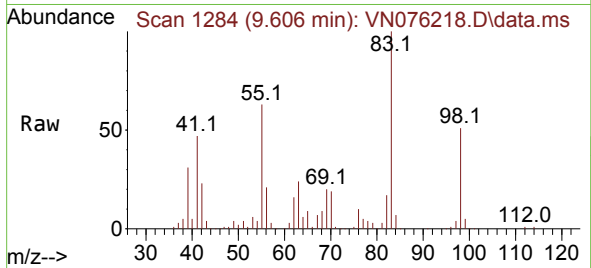




#39
Methylcyclohexane
Concen: 53.325 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

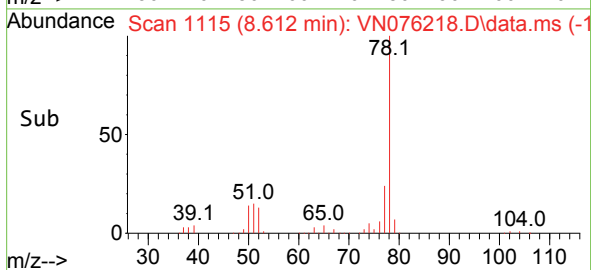
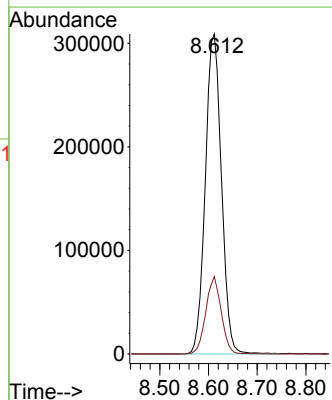
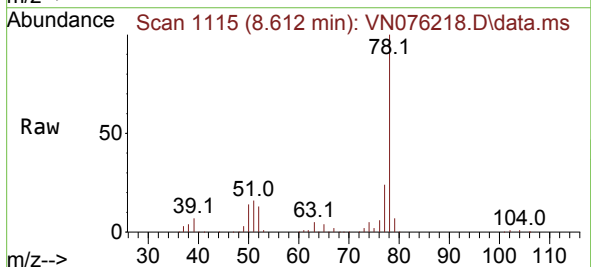
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

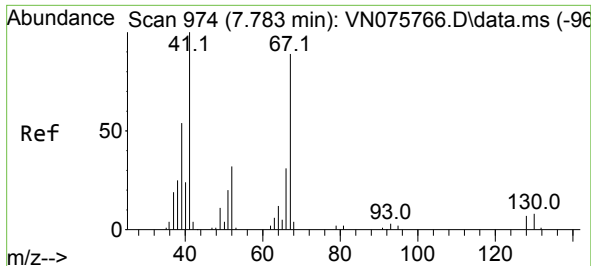
Tgt Ion: 83 Resp: 300998
Ion Ratio Lower Upper
83 100
55 62.9 51.4 77.0
98 51.1 39.8 59.8



#40
Benzene
Concen: 49.094 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

Tgt Ion: 78 Resp: 708703
Ion Ratio Lower Upper
78 100
77 24.2 18.5 27.7

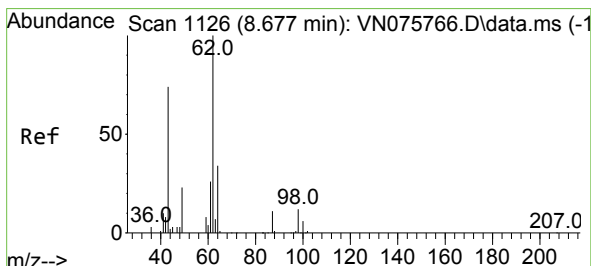
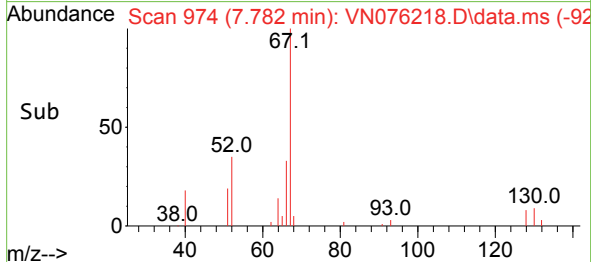
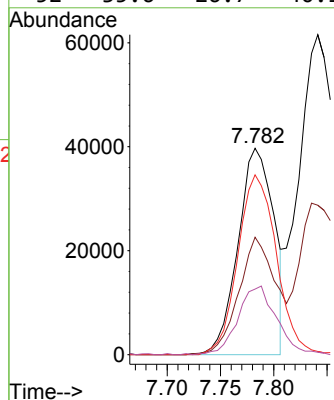
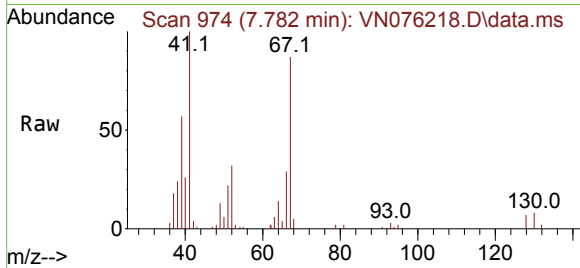




#41
Methacrylonitrile
Concen: 47.621 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

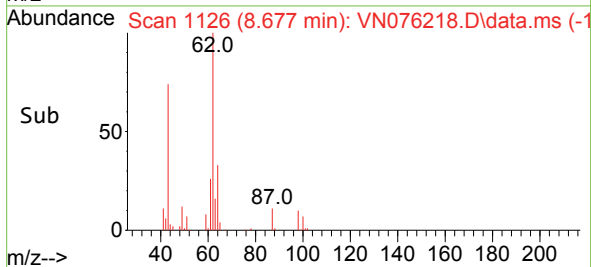
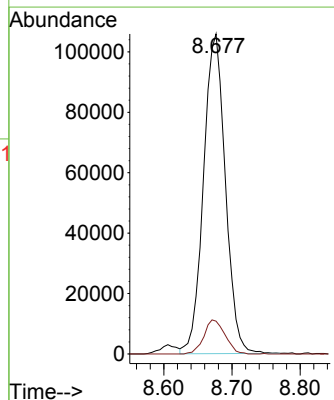
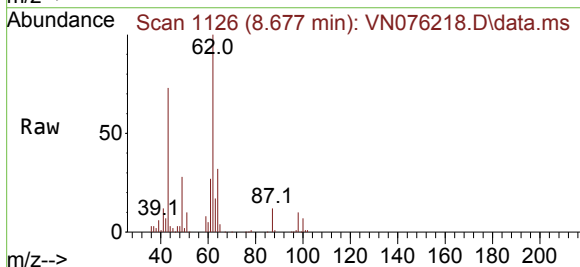
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

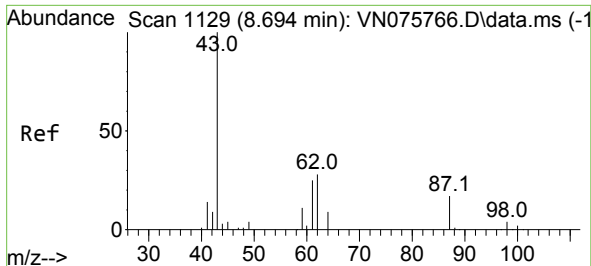
Tgt Ion:	41	Resp:	93026
Ion	Ratio	Lower	Upper
41	100		
39	59.1	43.1	64.7
67	94.0	70.7	106.1
52	35.6	26.7	40.1



#42
1,2-Dichloroethane
Concen: 49.204 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

Tgt Ion:	62	Resp:	236142
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.8

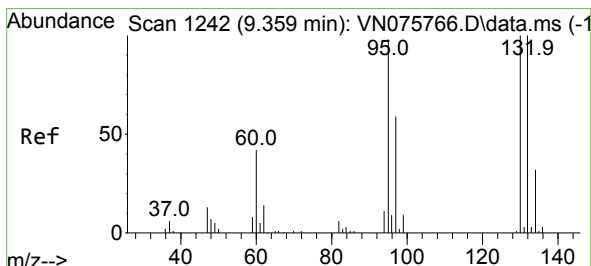
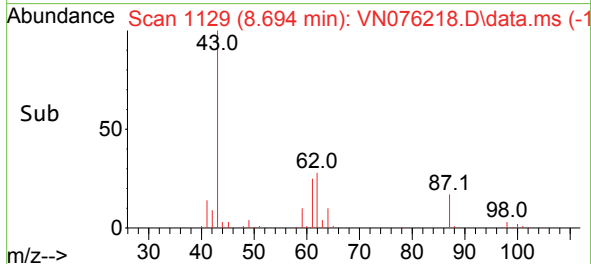
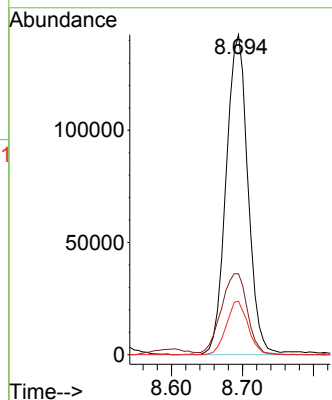
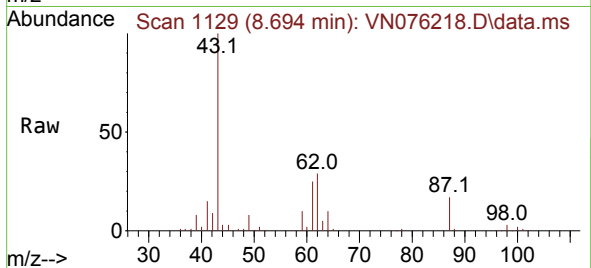




#43
Isopropyl Acetate
Concen: 48.988 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

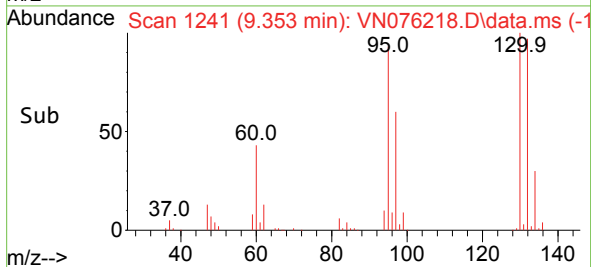
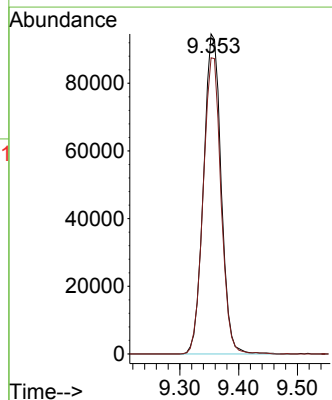
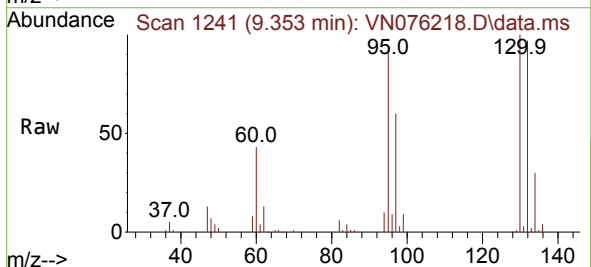
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

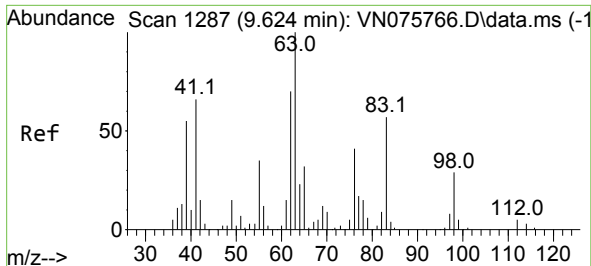
Tgt Ion: 43 Resp: 303696
Ion Ratio Lower Upper
43 100
61 30.5 24.2 36.4
87 16.7 13.3 19.9



#44
Trichloroethene
Concen: 48.417 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

Tgt Ion:130 Resp: 196900
Ion Ratio Lower Upper
130 100
95 92.6 0.0 195.4





#45

1,2-Dichloropropane

Concen: 48.016 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076218.D

Acq: 12 Jan 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

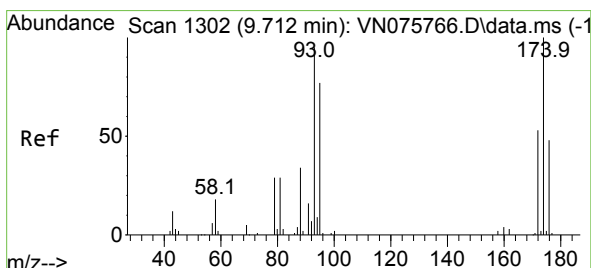
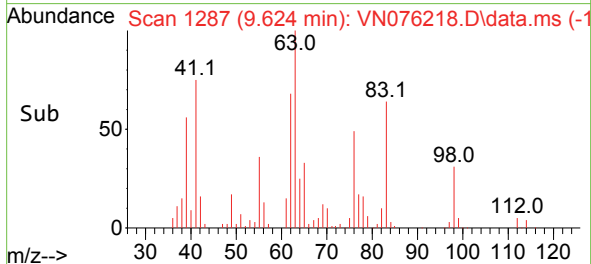
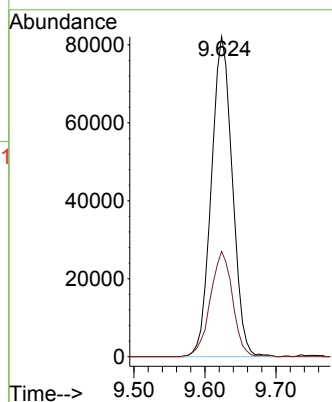
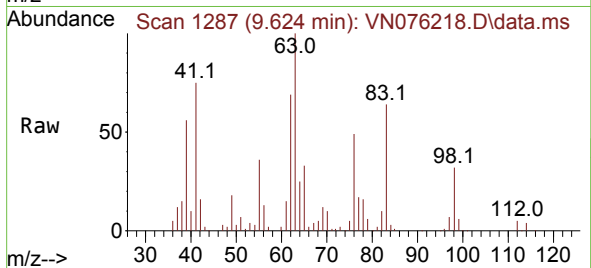
VSTDCCC050

Tgt Ion: 63 Resp: 168674

Ion Ratio Lower Upper

63 100

65 32.9 25.7 38.5



#46

Dibromomethane

Concen: 47.724 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076218.D

Acq: 12 Jan 2023 09:52

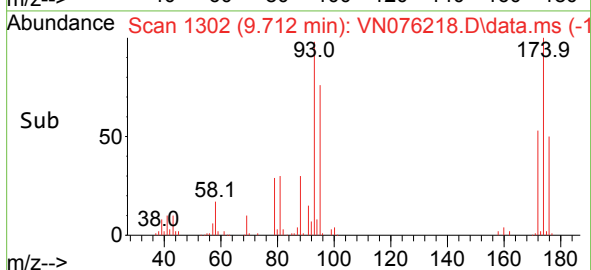
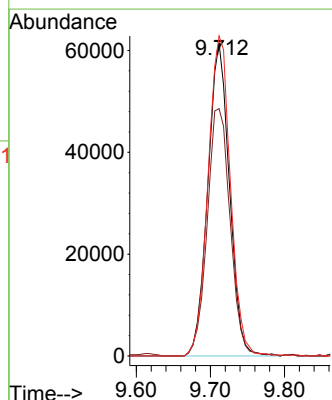
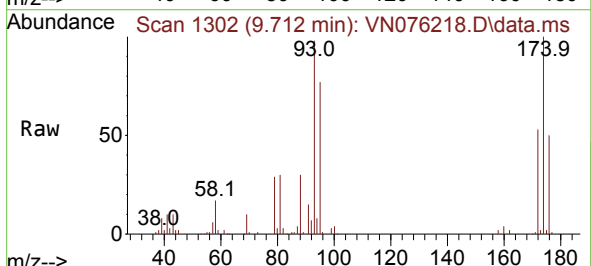
Tgt Ion: 93 Resp: 124343

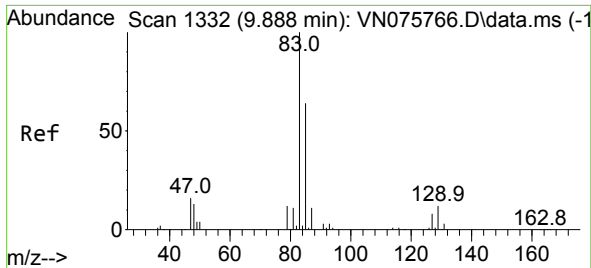
Ion Ratio Lower Upper

93 100

95 84.1 65.2 97.8

174 106.3 82.4 123.6

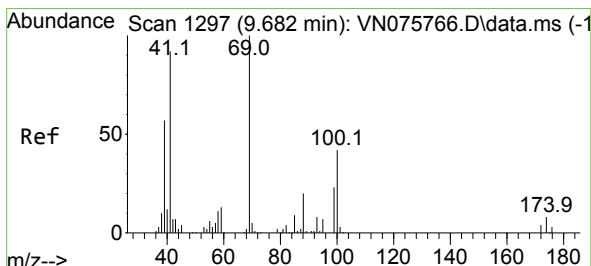
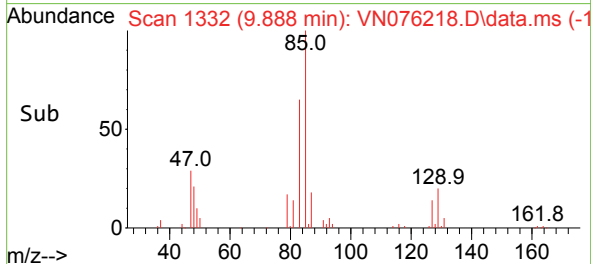
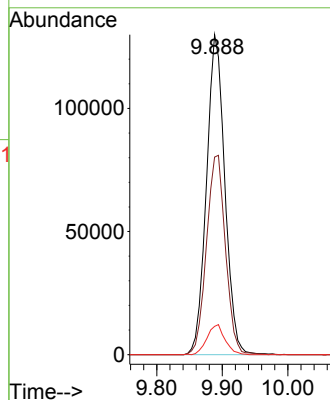
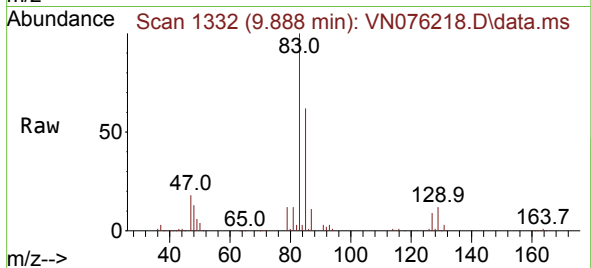




#47
Bromodichloromethane
Concen: 49.549 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

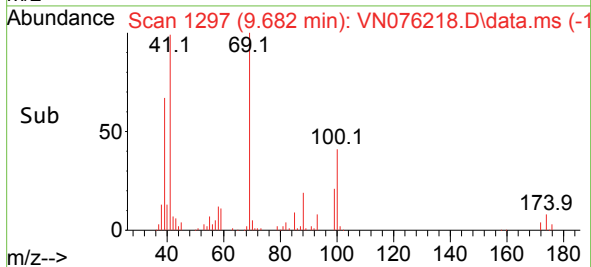
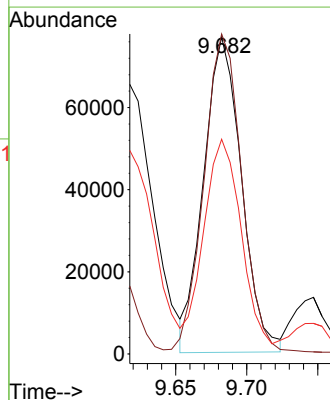
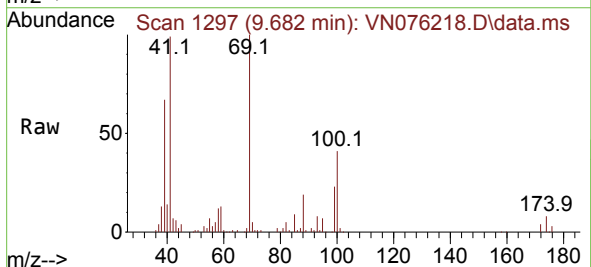
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

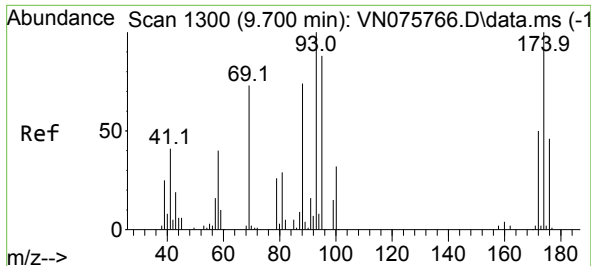
Tgt Ion: 83 Resp: 253168
Ion Ratio Lower Upper
83 100
85 61.8 51.5 77.3
127 8.9 6.6 10.0



#48
Methyl methacrylate
Concen: 50.993 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

Tgt Ion: 41 Resp: 142381
Ion Ratio Lower Upper
41 100
69 102.9 81.9 122.9
39 68.5 51.6 77.4





#49

1,4-Dioxane

Concen: 916.005 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076218.D

Acq: 12 Jan 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

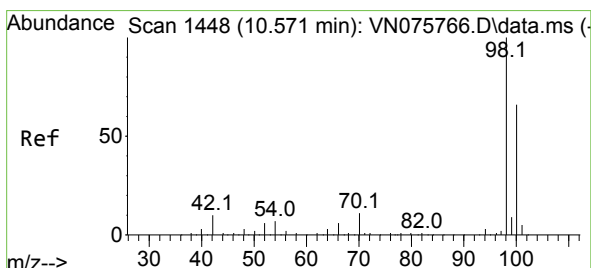
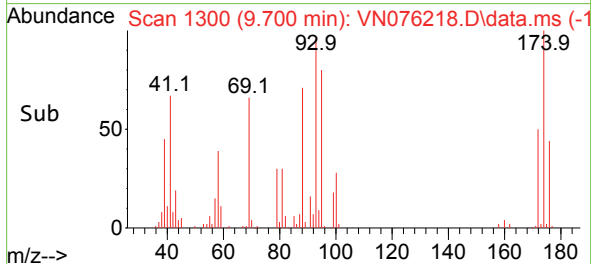
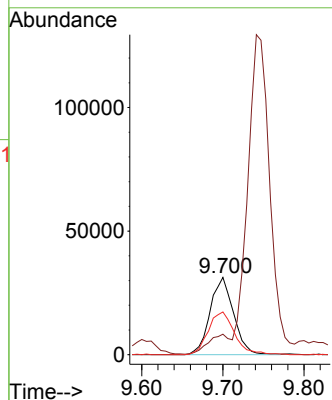
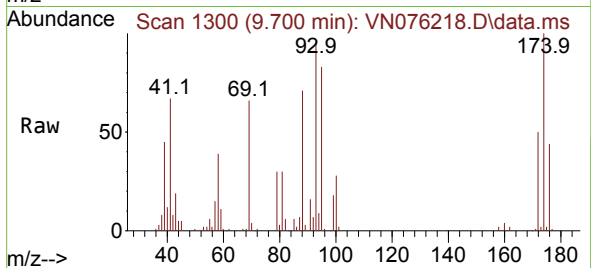
Tgt Ion: 88 Resp: 62878

Ion Ratio Lower Upper

88 100

43 21.9 17.1 25.7

58 62.1 47.8 71.8



#50

Toluene-d8

Concen: 44.688 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076218.D

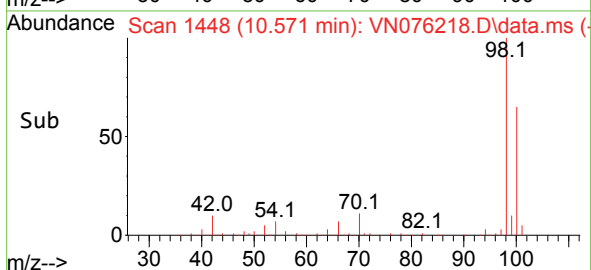
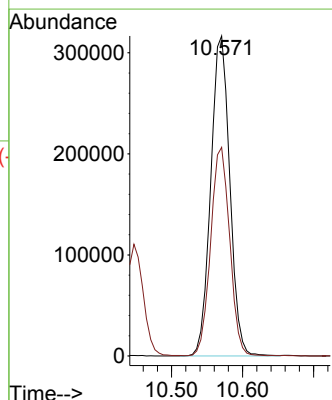
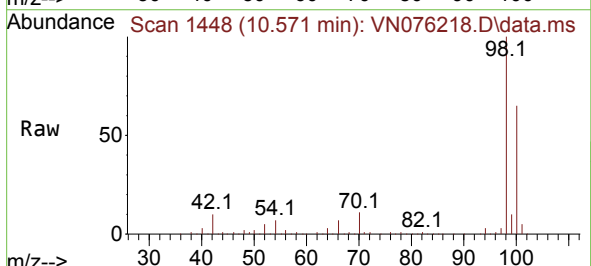
Acq: 12 Jan 2023 09:52

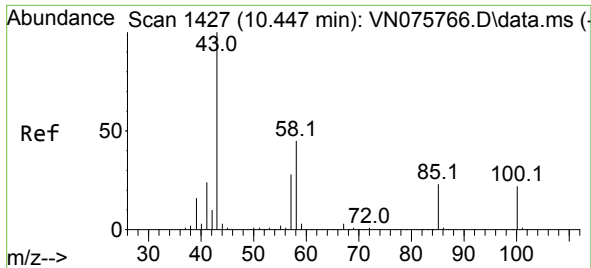
Tgt Ion: 98 Resp: 588490

Ion Ratio Lower Upper

98 100

100 65.0 52.1 78.1

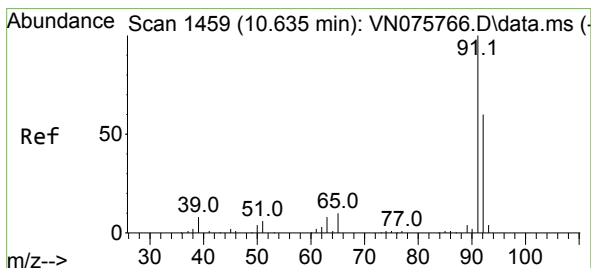
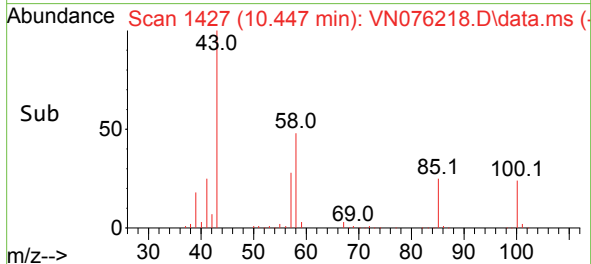
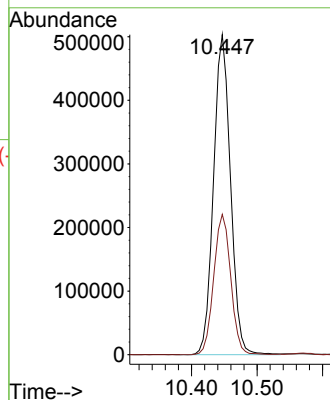
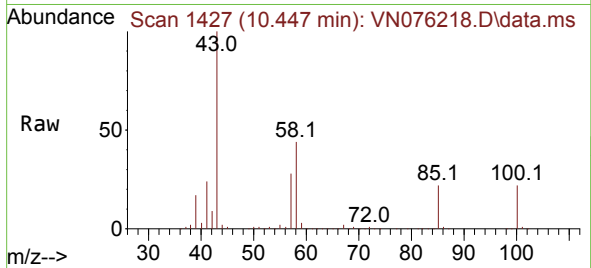




#51
4-Methyl-2-Pentanone
Concen: 240.844 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

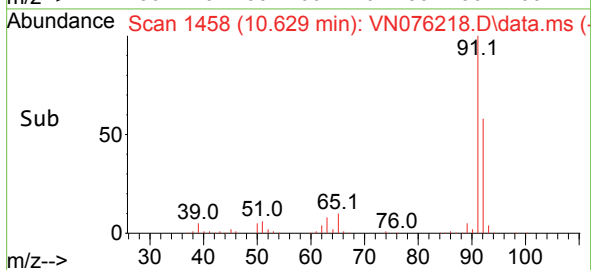
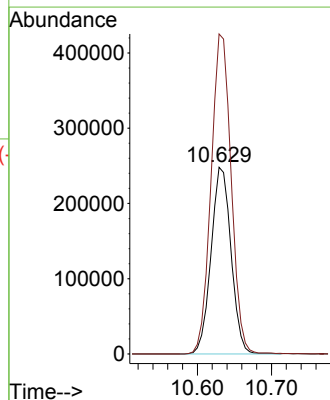
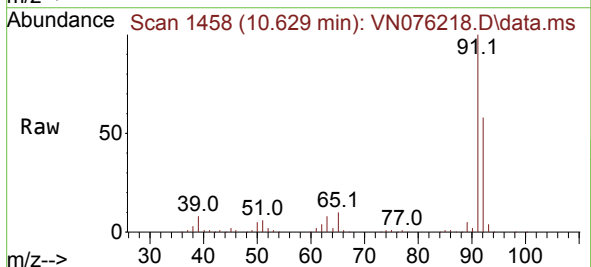
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

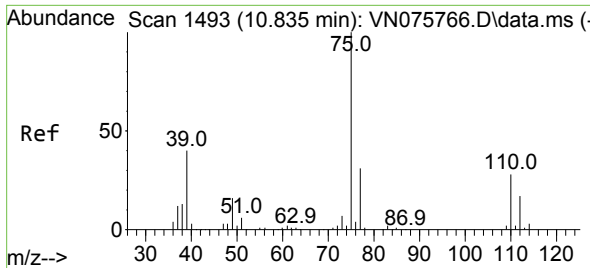
Tgt Ion: 43 Resp: 902961
Ion Ratio Lower Upper
43 100
58 44.0 35.5 53.3



#52
Toluene
Concen: 49.401 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

Tgt Ion: 92 Resp: 464445
Ion Ratio Lower Upper
92 100
91 172.8 137.3 205.9

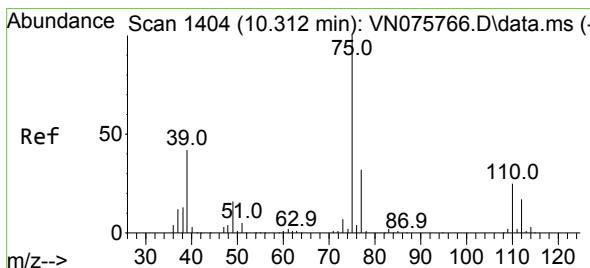
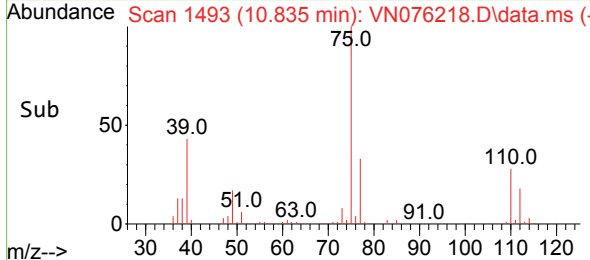
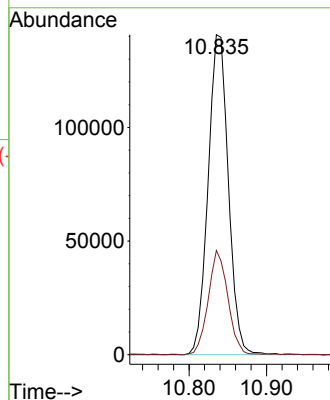
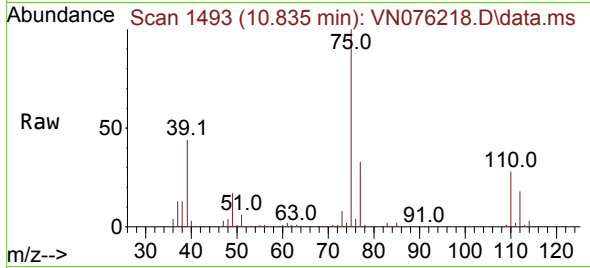




#53
 t-1,3-Dichloropropene
 Concen: 51.062 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. -0.000 min
 Lab File: VN076218.D
 Acq: 12 Jan 2023 09:52

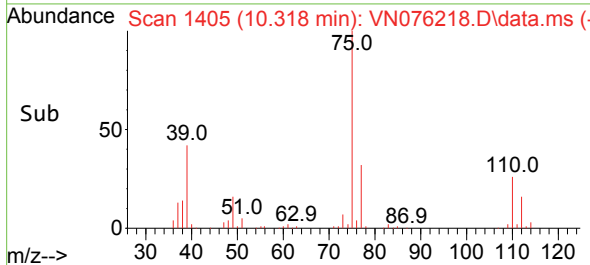
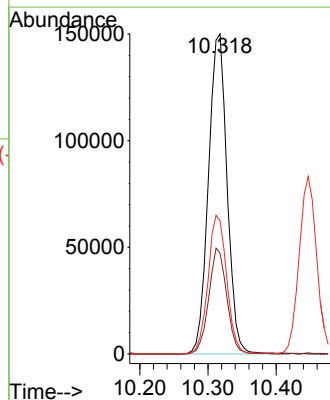
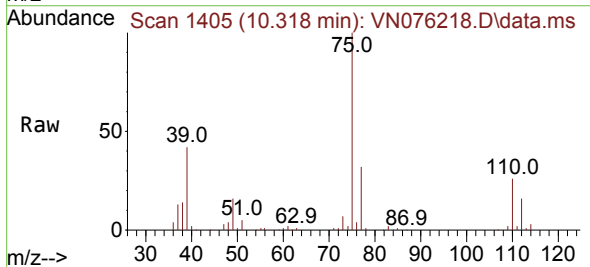
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

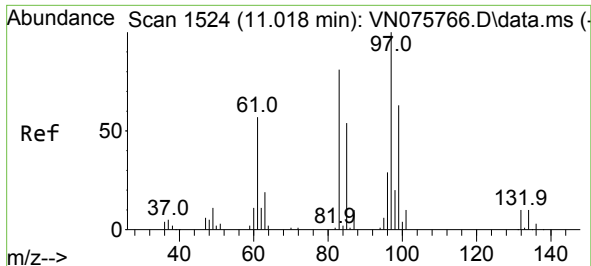
Tgt Ion: 75 Resp: 255391
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 51.984 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN076218.D
 Acq: 12 Jan 2023 09:52

Tgt Ion: 75 Resp: 285470
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.8 38.8
 39 41.6 33.4 50.2

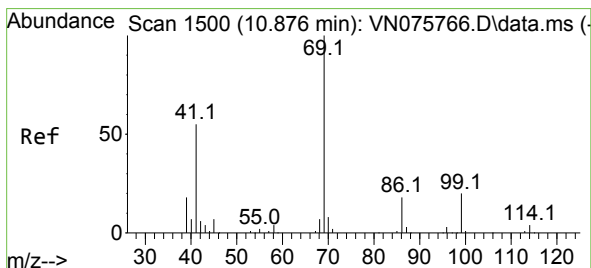
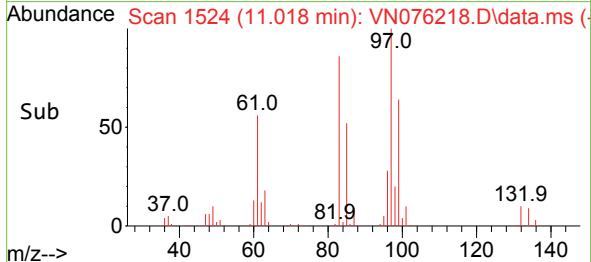
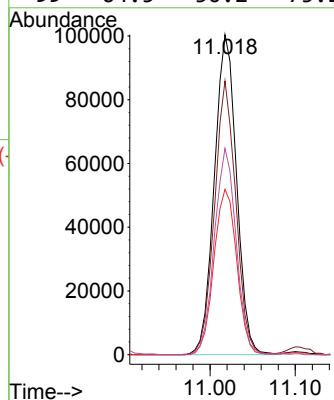
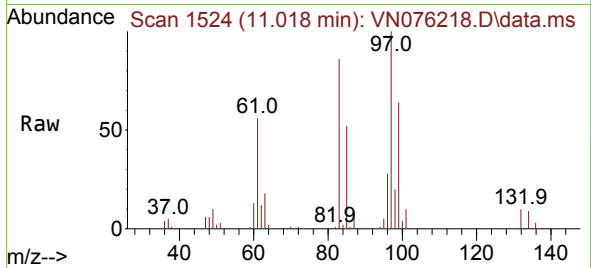




#55
1,1,2-Trichloroethane
Concen: 49.417 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

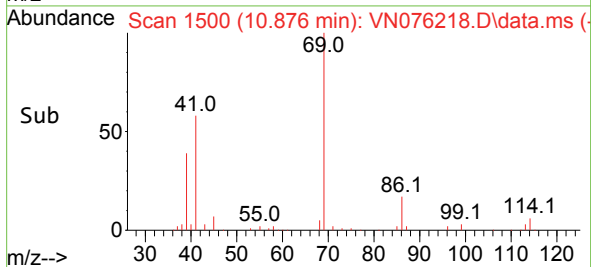
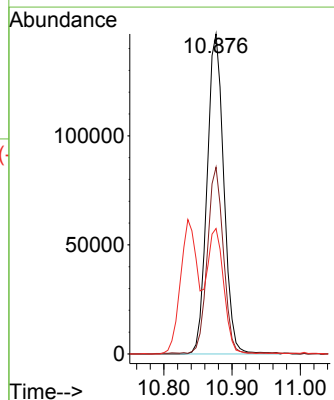
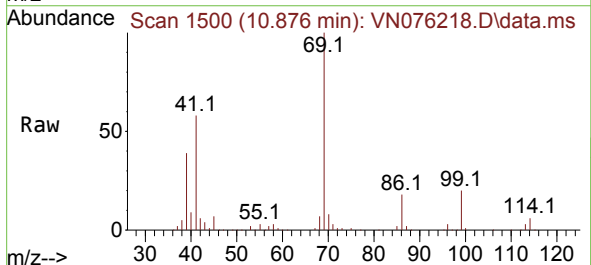
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

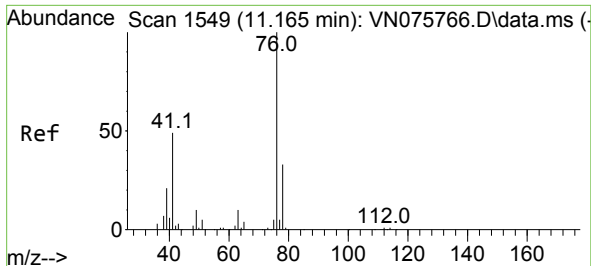
Tgt Ion: 97	Resp: 182355
Ion Ratio	Lower Upper
97 100	
83 85.5	65.0 97.4
85 51.6	43.0 64.6
99 64.5	50.2 75.2



#56
Ethyl methacrylate
Concen: 51.086 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

Tgt Ion: 69	Resp: 250401
Ion Ratio	Lower Upper
69 100	
41 55.4	44.2 66.4
39 36.0	26.4 39.6





#57

1,3-Dichloropropane

Concen: 48.926 ug/l

RT: 11.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076218.D

Acq: 12 Jan 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

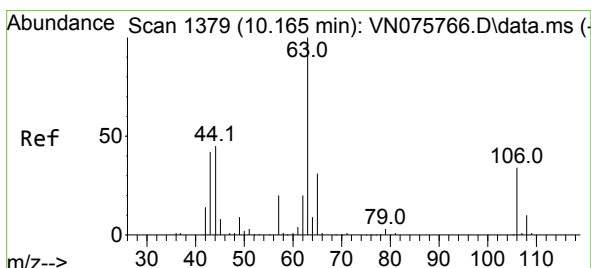
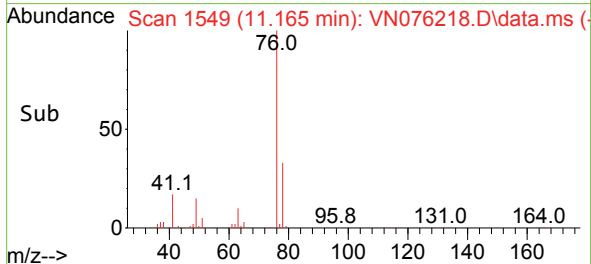
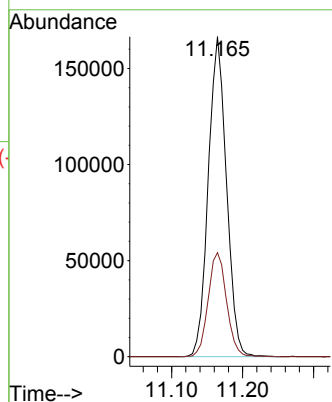
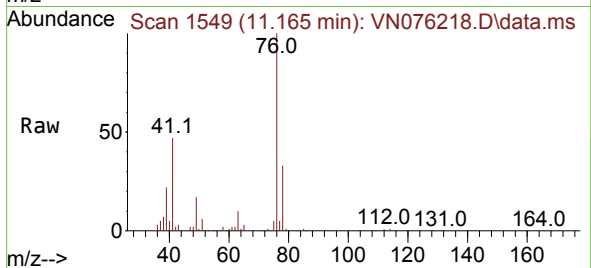
VSTDCCC050

Tgt Ion: 76 Resp: 296146

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 224.512 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076218.D

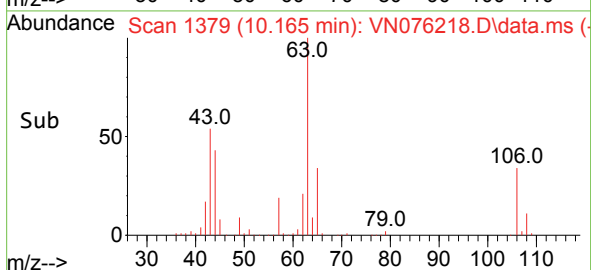
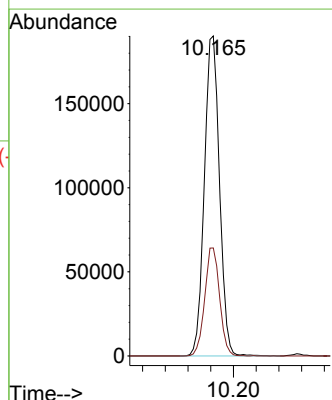
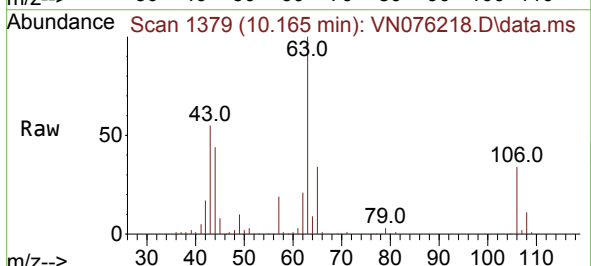
Acq: 12 Jan 2023 09:52

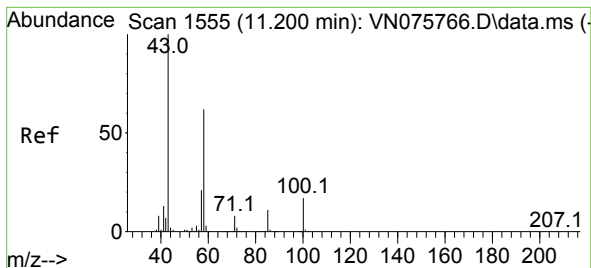
Tgt Ion: 63 Resp: 350363

Ion Ratio Lower Upper

63 100

106 33.2 26.4 39.6

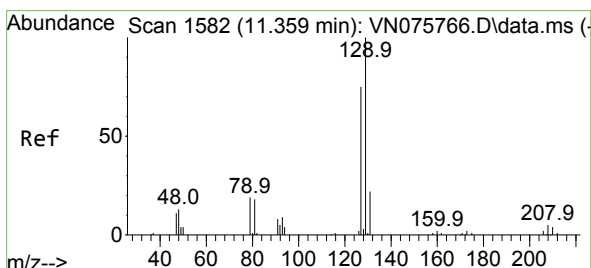
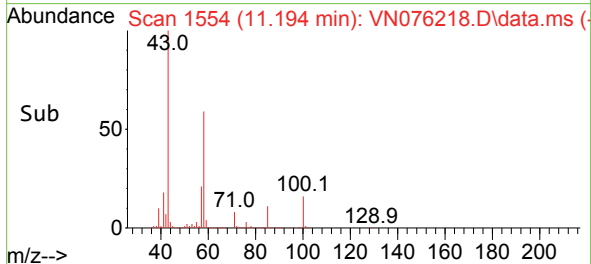
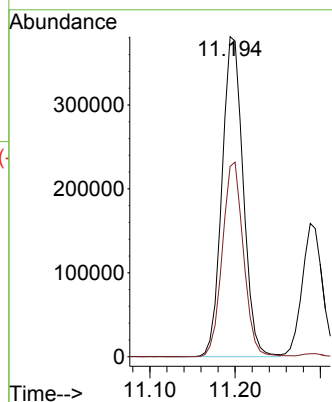
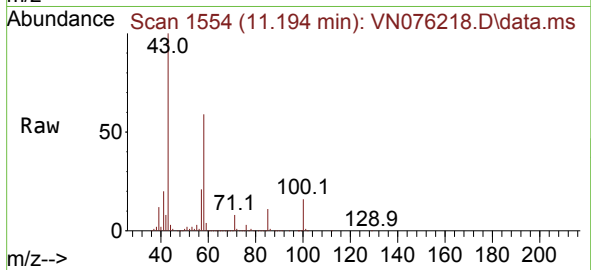




#59
2-Hexanone
Concen: 240.902 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

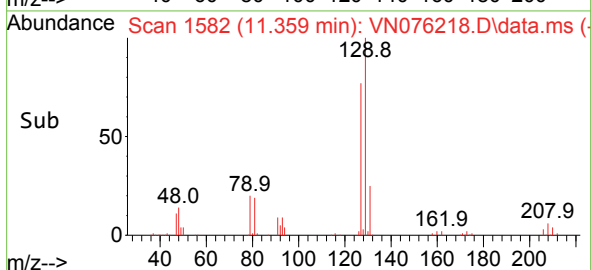
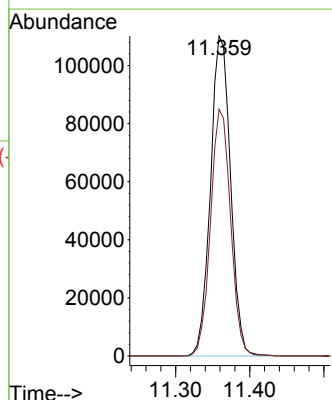
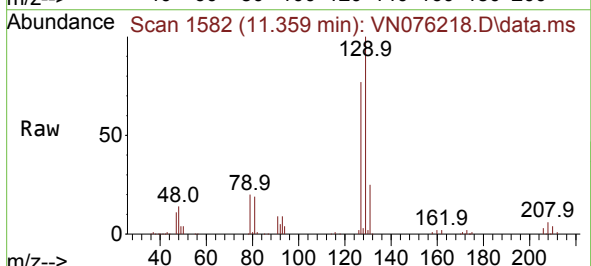
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

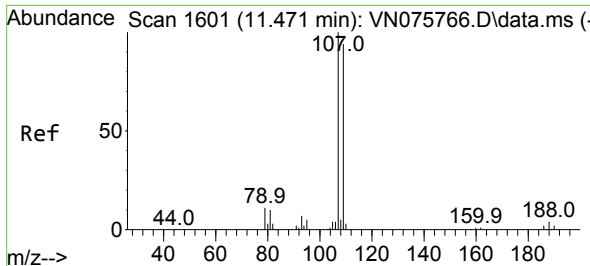
Tgt Ion: 43 Resp: 658658
Ion Ratio Lower Upper
43 100
58 60.6 30.6 92.0



#60
Dibromochloromethane
Concen: 50.433 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

Tgt Ion: 129 Resp: 206968
Ion Ratio Lower Upper
129 100
127 77.1 38.3 114.9

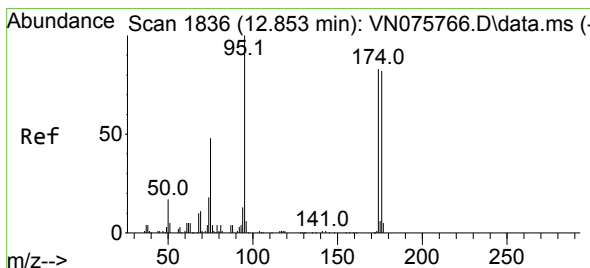
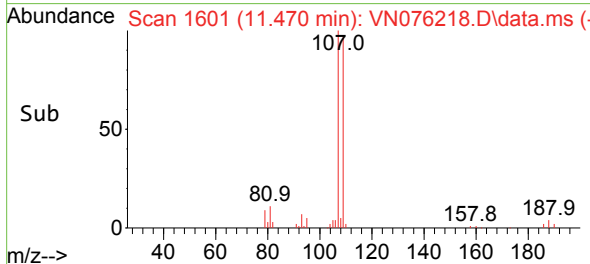
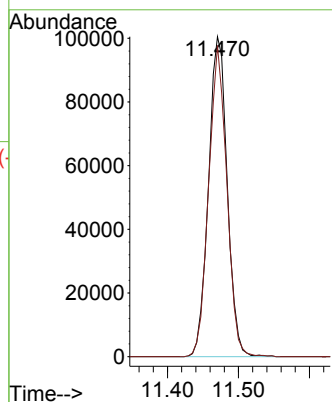
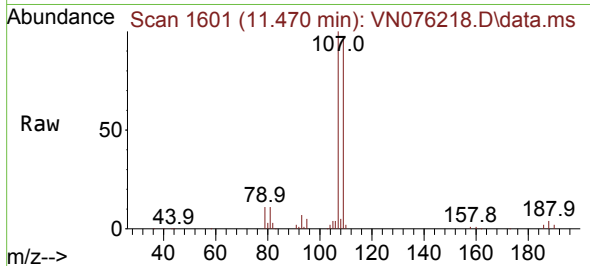




#61
1,2-Dibromoethane
Concen: 49.315 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

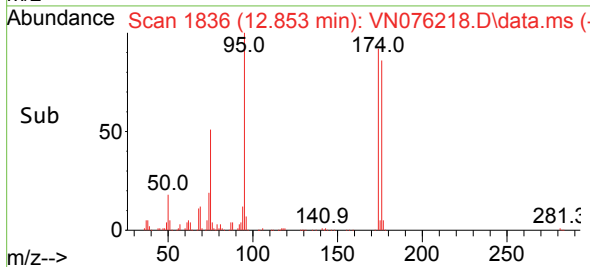
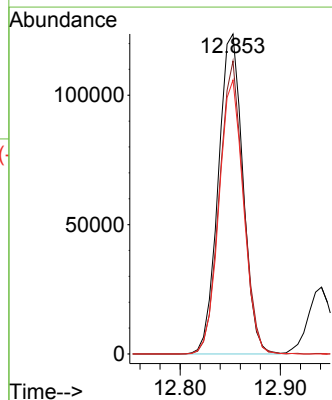
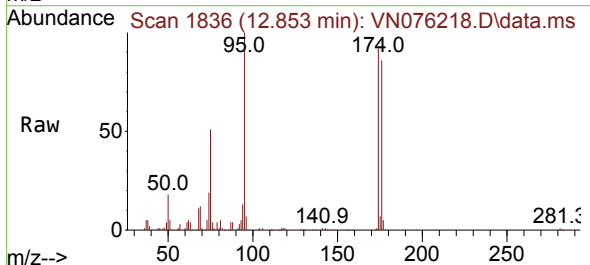
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

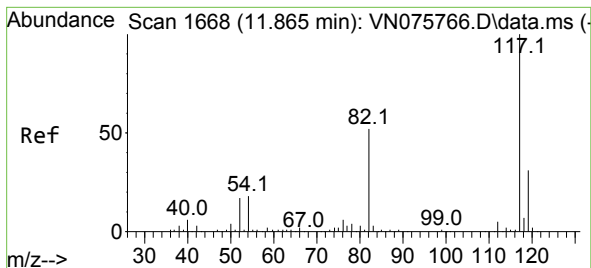
Tgt Ion:107 Resp: 184160
Ion Ratio Lower Upper
107 100
109 94.2 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 48.336 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

Tgt Ion: 95 Resp: 210823
Ion Ratio Lower Upper
95 100
174 89.1 0.0 171.6
176 84.9 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076218.D

Acq: 12 Jan 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

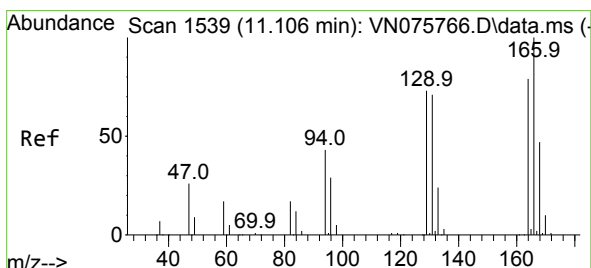
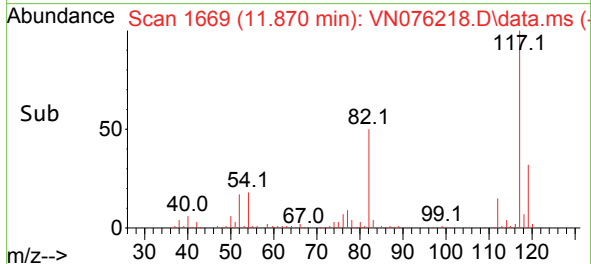
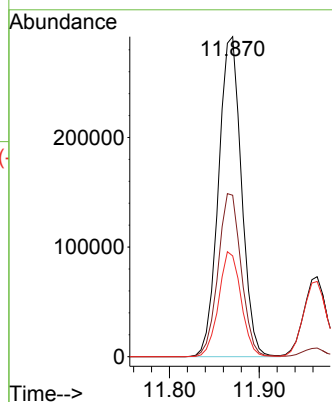
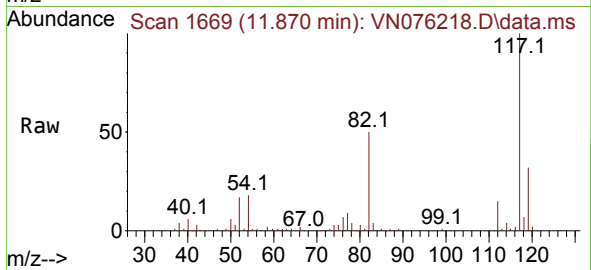
Tgt Ion:117 Resp: 518268

Ion Ratio Lower Upper

117 100

82 50.5 41.3 61.9

119 31.5 24.6 37.0



#64

Tetrachloroethene

Concen: 52.988 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN076218.D

Acq: 12 Jan 2023 09:52

Tgt Ion:164 Resp: 193245

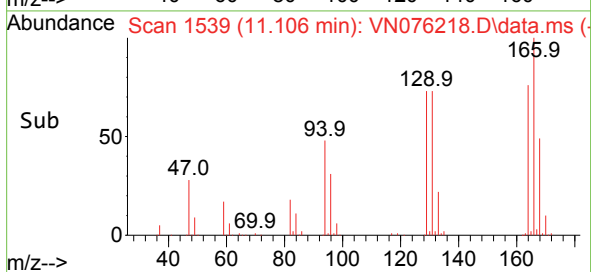
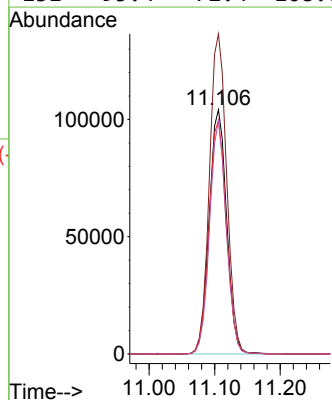
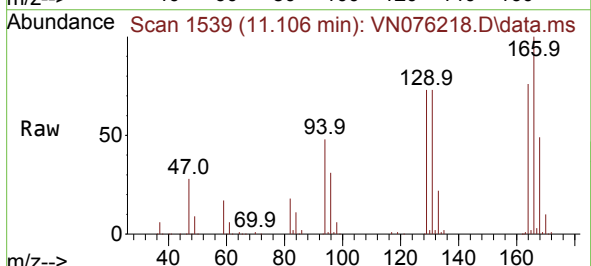
Ion Ratio Lower Upper

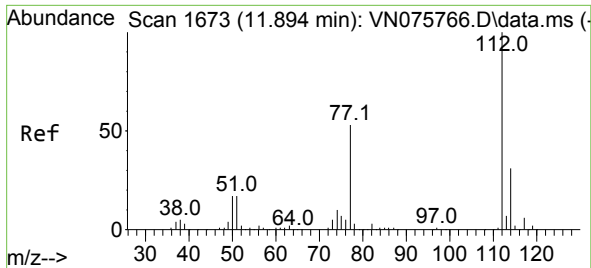
164 100

166 130.9 101.9 152.9

129 95.5 74.2 111.2

131 95.4 72.4 108.6

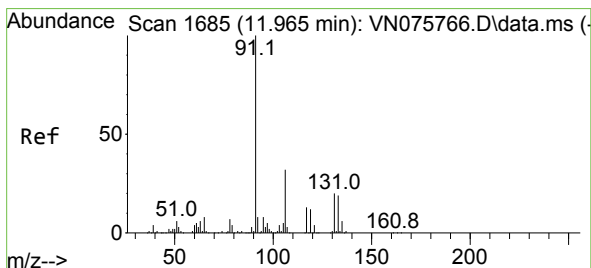
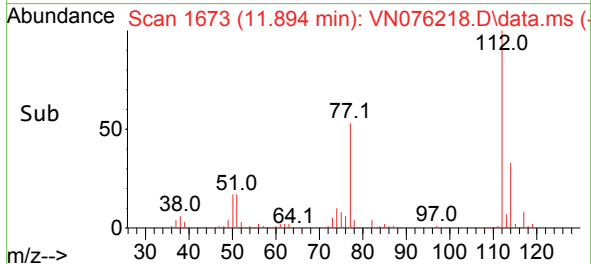
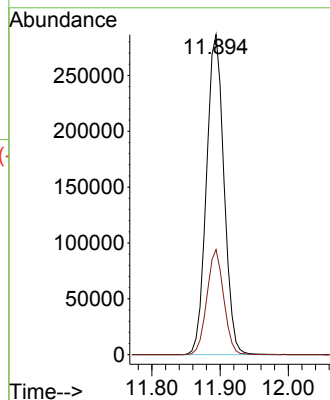
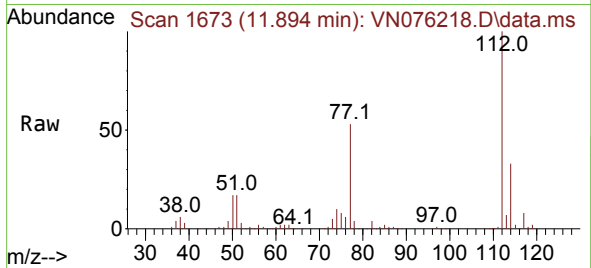




#65
Chlorobenzene
Concen: 48.121 ug/l
RT: 11.894 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

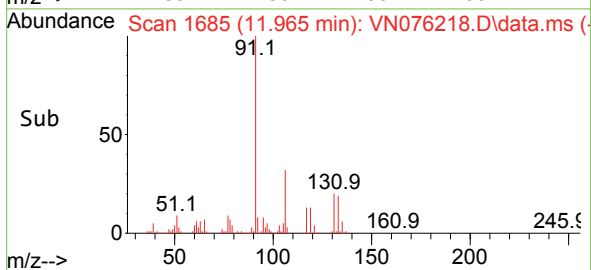
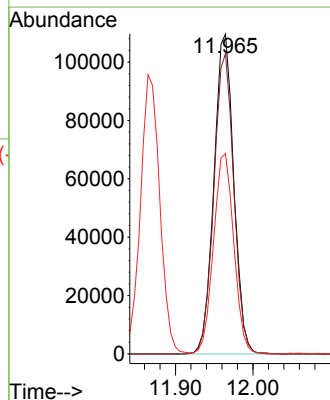
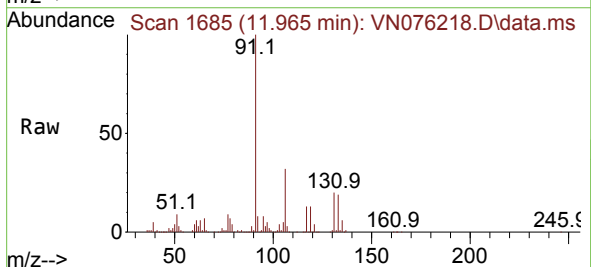
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

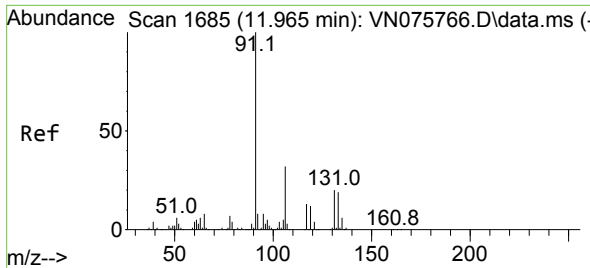
Tgt Ion:112 Resp: 511884
Ion Ratio Lower Upper
112 100
114 32.9 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 49.468 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

Tgt Ion:131 Resp: 194906
Ion Ratio Lower Upper
131 100
133 94.2 47.5 142.5
119 64.1 31.9 95.7

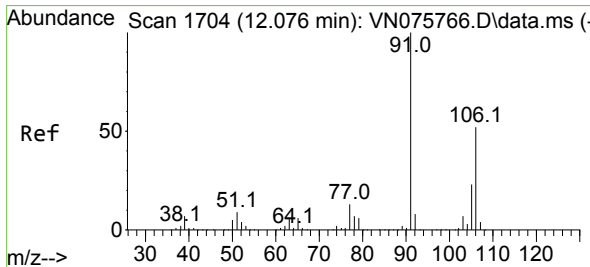
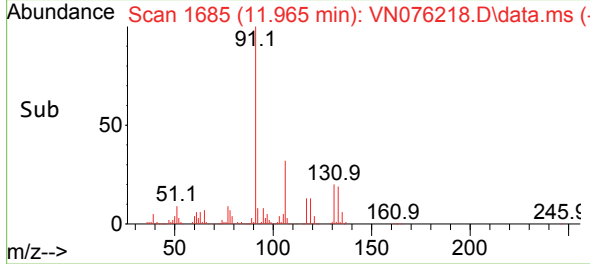
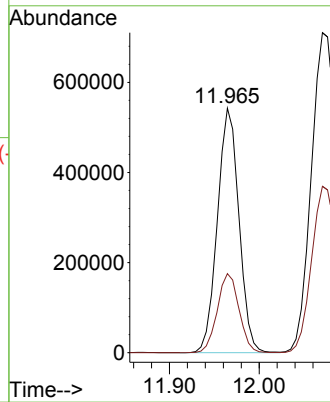
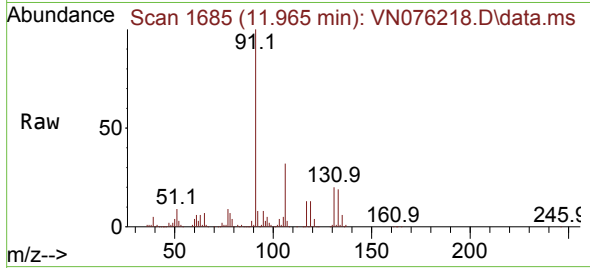




#67
Ethyl Benzene
Concen: 50.356 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

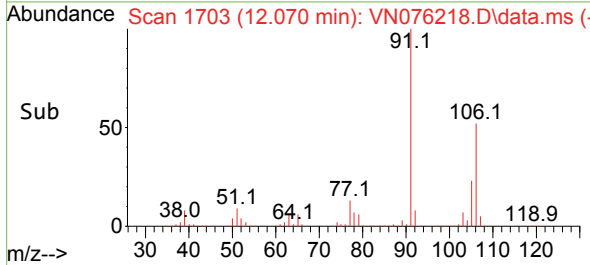
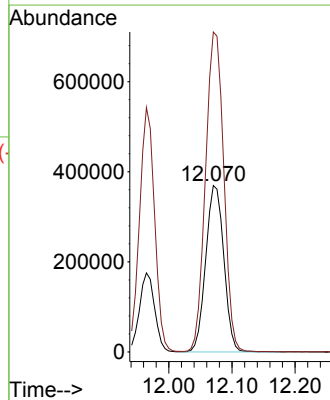
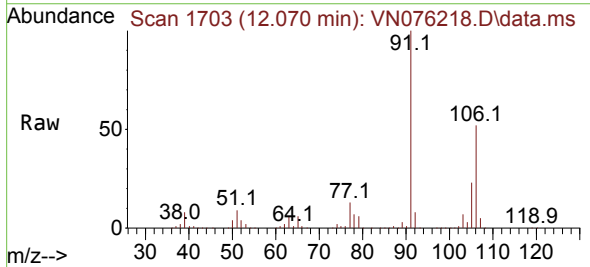
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

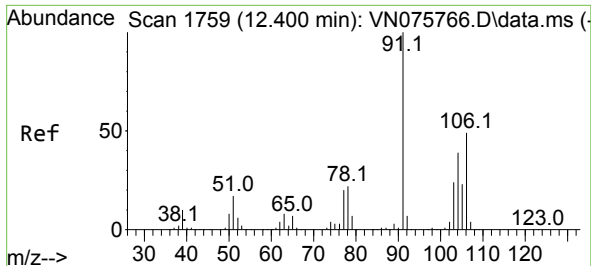
Tgt Ion: 91 Resp: 904055
Ion Ratio Lower Upper
91 100
106 32.3 25.7 38.5



#68
m/p-Xylenes
Concen: 103.284 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

Tgt Ion:106 Resp: 733917
Ion Ratio Lower Upper
106 100
91 194.1 156.6 235.0

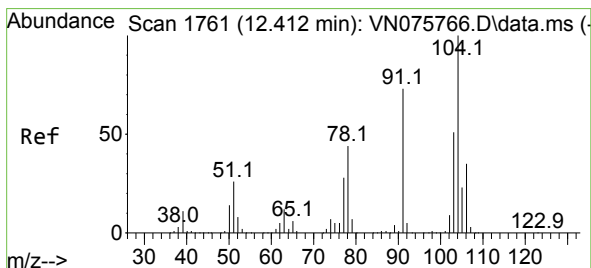
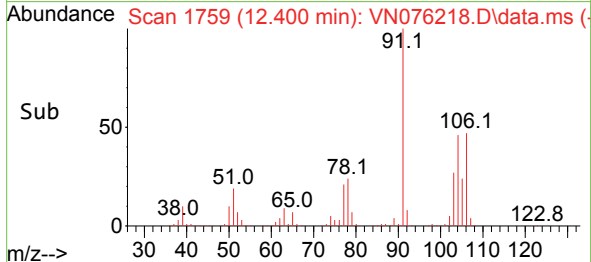
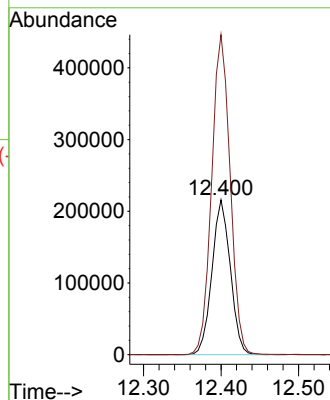
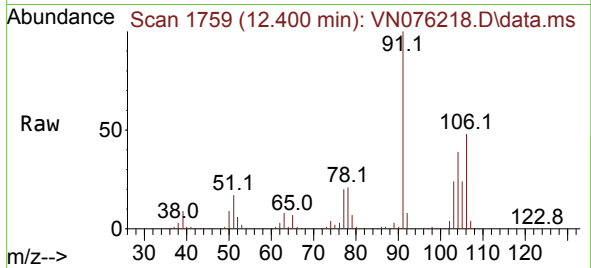




#69
o-Xylene
Concen: 50.479 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

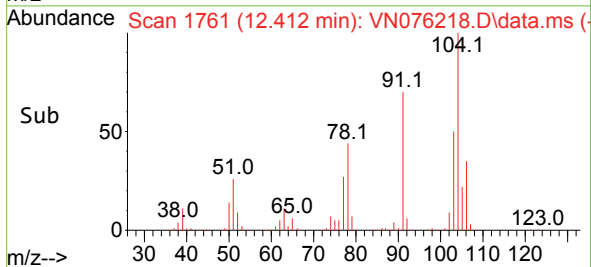
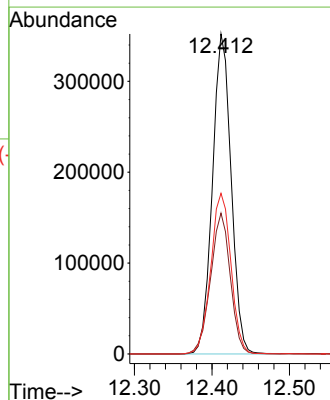
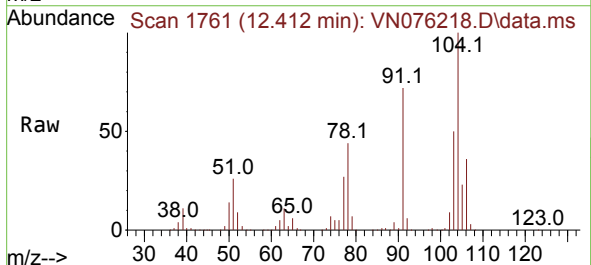
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

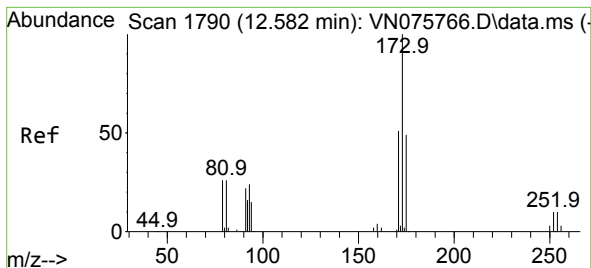
Tgt Ion:106 Resp: 354965
Ion Ratio Lower Upper
106 100
91 208.8 103.8 311.6



#70
Styrene
Concen: 52.775 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

Tgt Ion:104 Resp: 590068
Ion Ratio Lower Upper
104 100
78 46.6 37.5 56.3
103 54.3 43.5 65.3





#71

Bromoform

Concen: 52.078 ug/l

RT: 12.582 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076218.D

Acq: 12 Jan 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

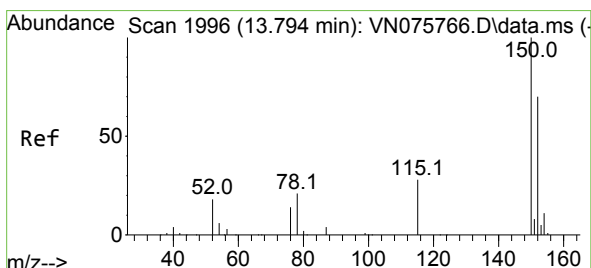
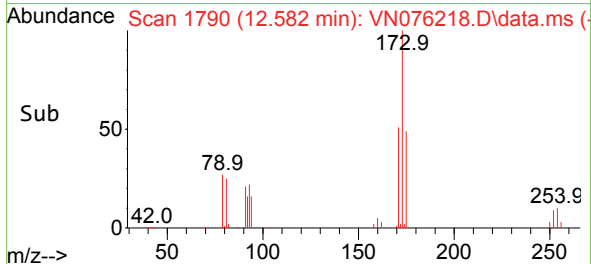
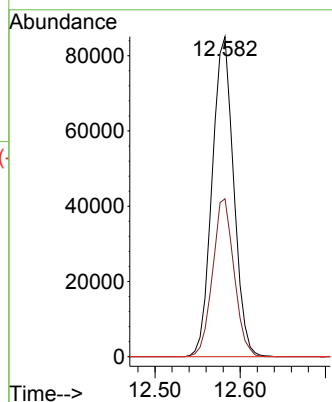
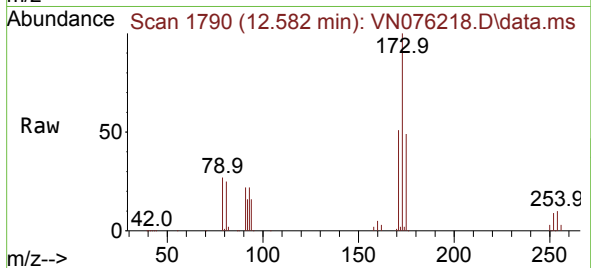
Tgt Ion:173 Resp: 149307

Ion Ratio Lower Upper

173 100

175 49.3 24.3 72.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076218.D

Acq: 12 Jan 2023 09:52

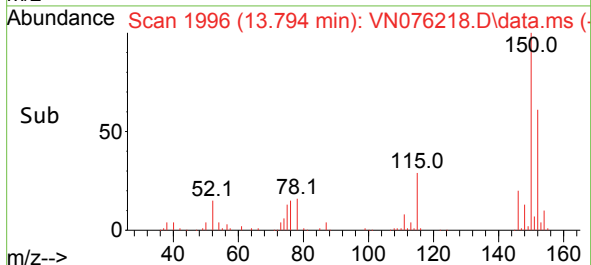
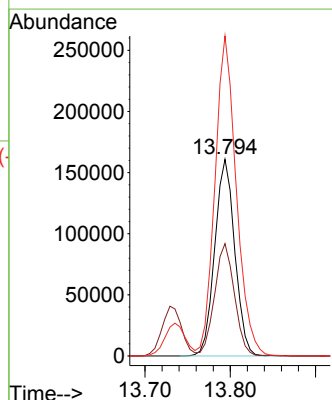
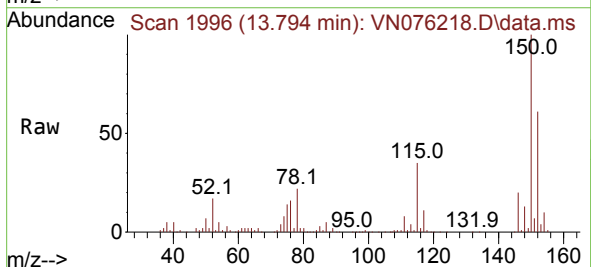
Tgt Ion:152 Resp: 262374

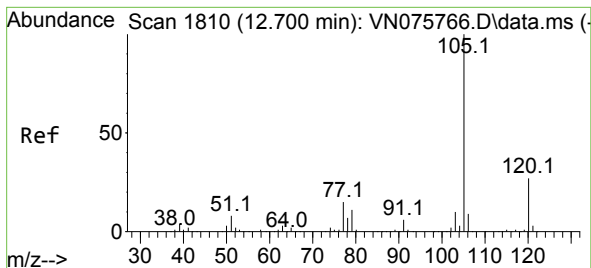
Ion Ratio Lower Upper

152 100

115 56.9 29.1 87.4

150 174.0 0.0 347.0





#73

Isopropylbenzene

Concen: 49.666 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VN076218.D

Acq: 12 Jan 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

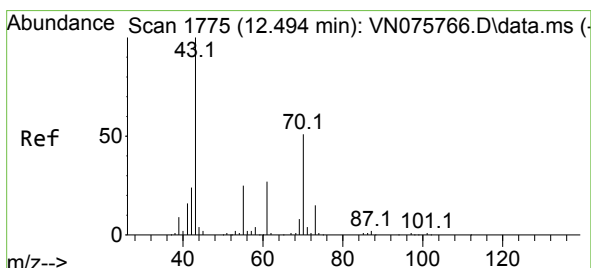
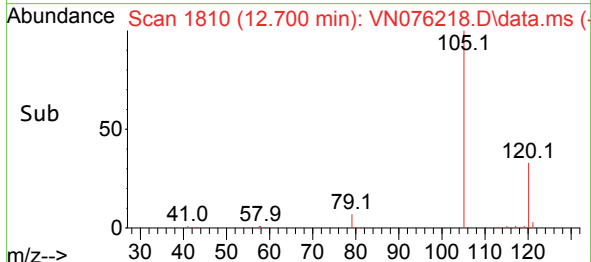
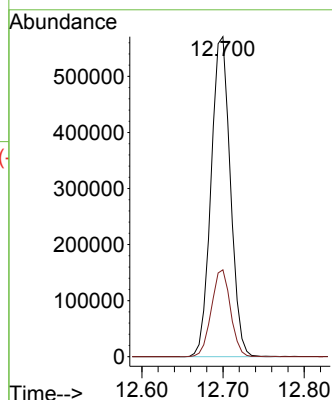
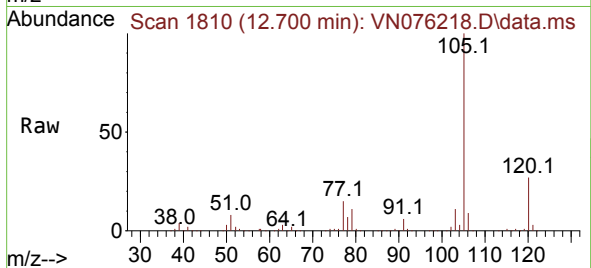
VSTDCCC050

Tgt Ion:105 Resp: 941678

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 47.994 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN076218.D

Acq: 12 Jan 2023 09:52

Tgt Ion: 43 Resp: 266956

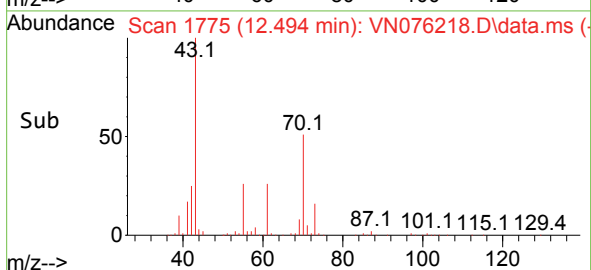
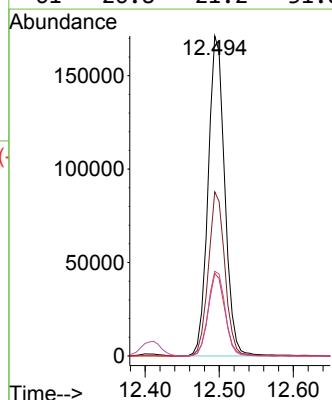
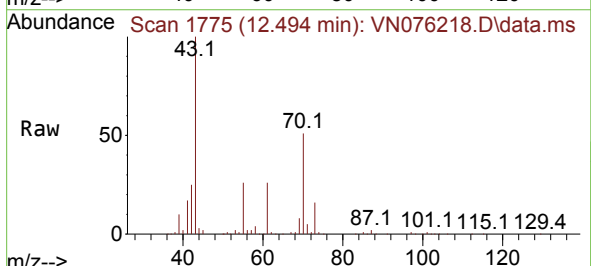
Ion Ratio Lower Upper

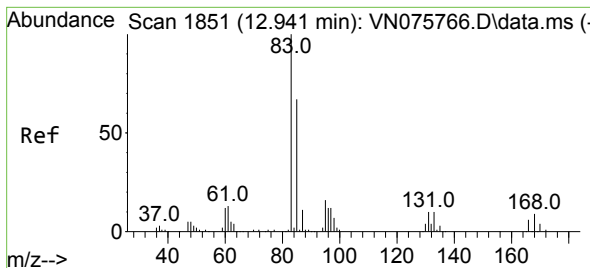
43 100

70 50.9 41.4 62.0

55 26.4 21.3 31.9

61 26.8 21.2 31.8





#75

1,1,2,2-Tetrachloroethane

Concen: 42.534 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VN076218.D

Acq: 12 Jan 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

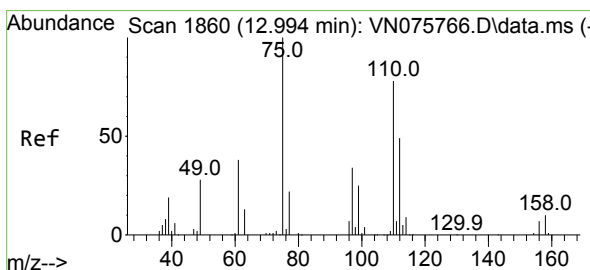
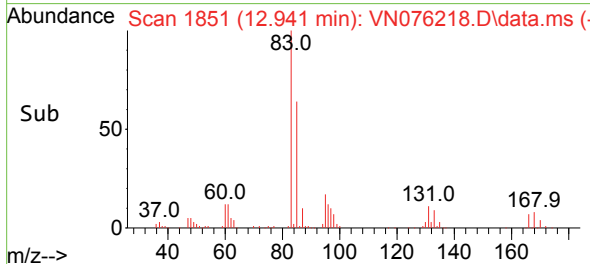
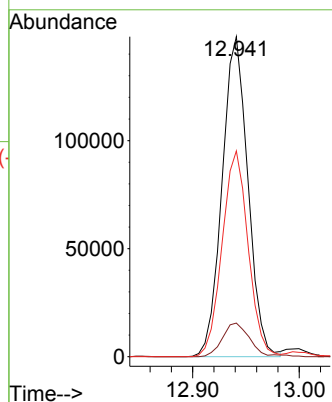
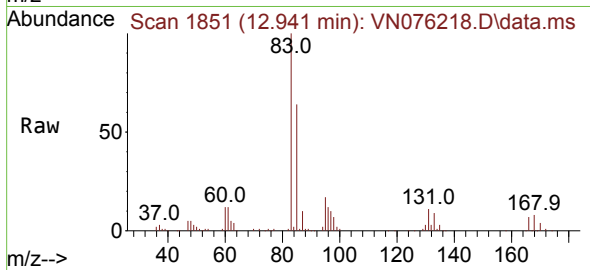
Tgt Ion: 83 Resp: 249308

Ion Ratio Lower Upper

83 100

131 11.2 5.6 16.8

85 64.7 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 58.424 ug/l

RT: 12.994 min Scan# 1860

Delta R.T. -0.000 min

Lab File: VN076218.D

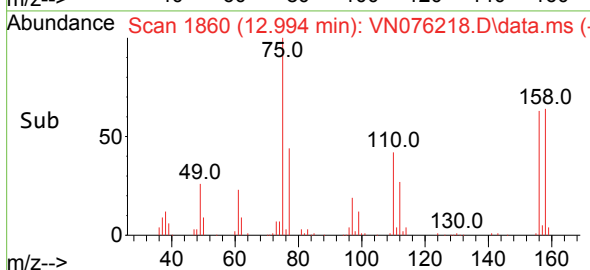
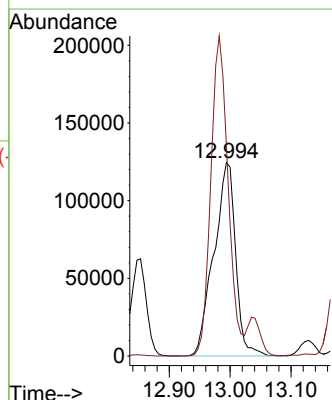
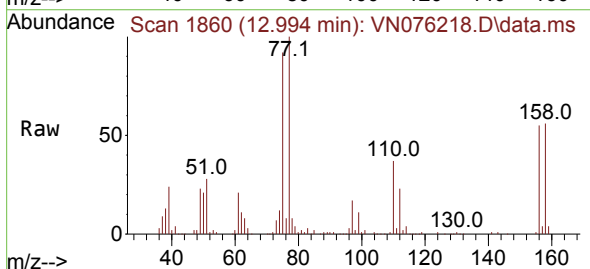
Acq: 12 Jan 2023 09:52

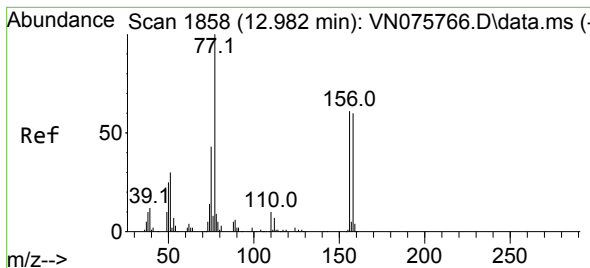
Tgt Ion: 75 Resp: 308996

Ion Ratio Lower Upper

75 100

77 132.2 82.6 247.8





#77

Bromobenzene

Concen: 46.756 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VN076218.D

Acq: 12 Jan 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

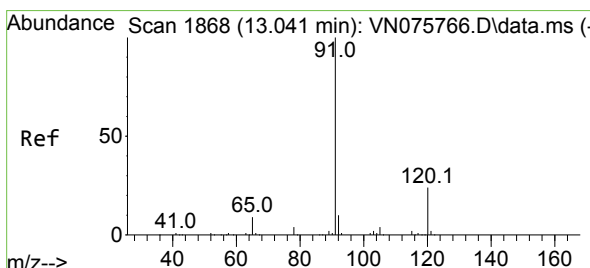
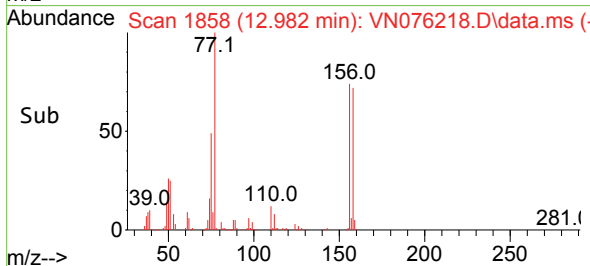
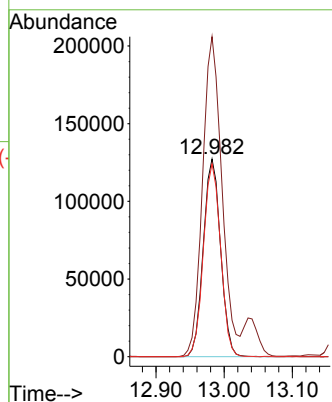
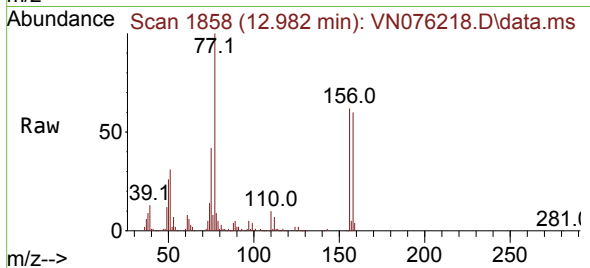
Tgt Ion:156 Resp: 224356

Ion Ratio Lower Upper

156 100

77 182.0 93.8 281.3

158 97.1 48.9 146.6



#78

n-propylbenzene

Concen: 51.821 ug/l

RT: 13.035 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN076218.D

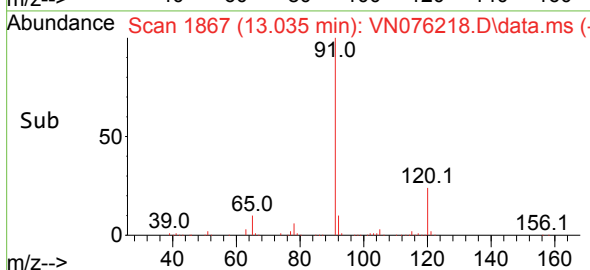
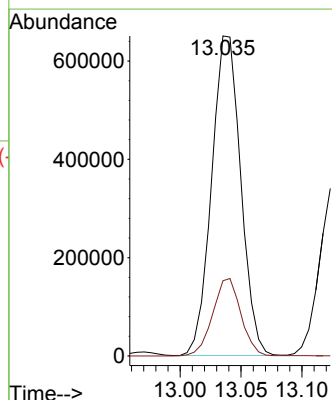
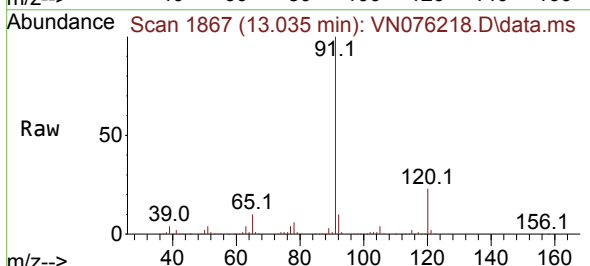
Acq: 12 Jan 2023 09:52

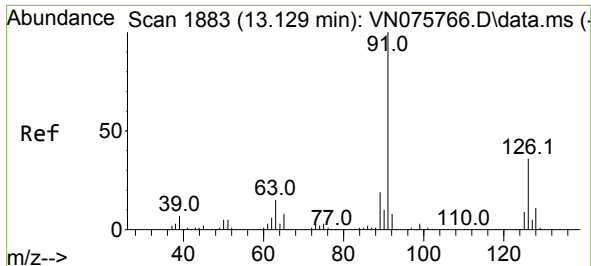
Tgt Ion: 91 Resp: 1083683

Ion Ratio Lower Upper

91 100

120 23.5 12.0 36.1

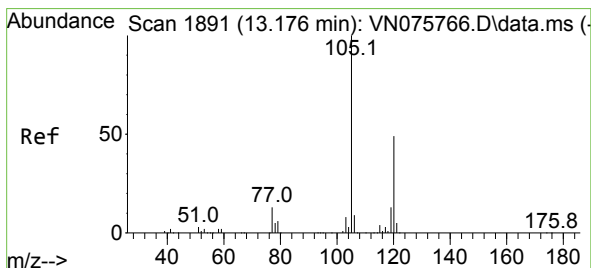
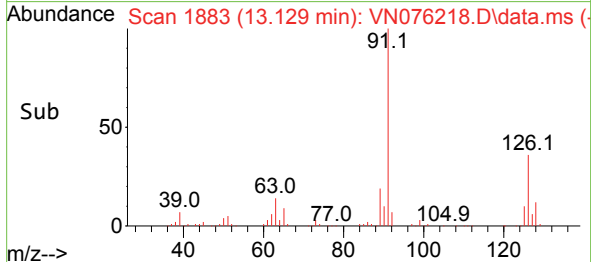
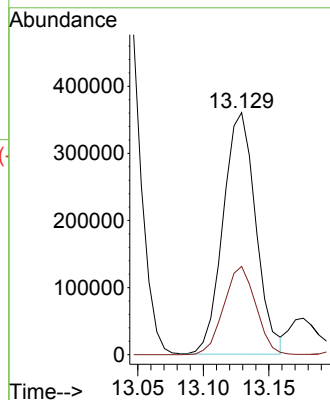
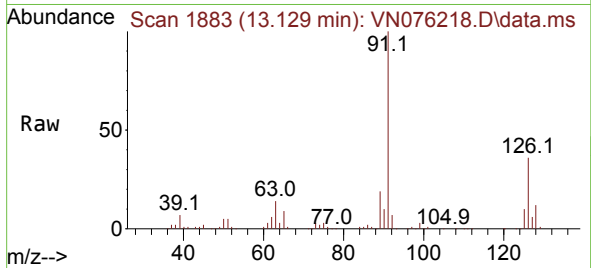




#79
2-Chlorotoluene
Concen: 47.931 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

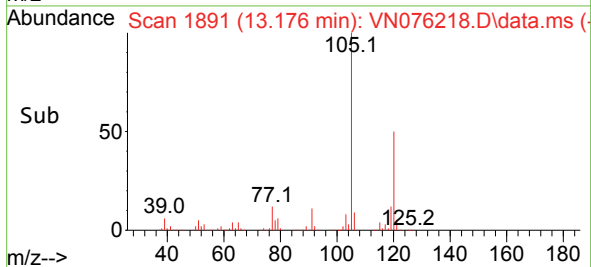
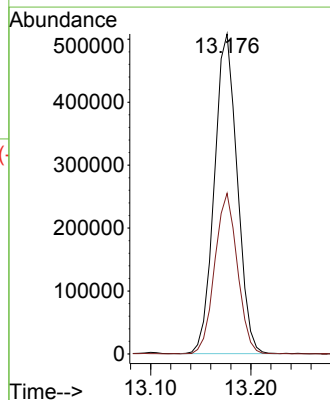
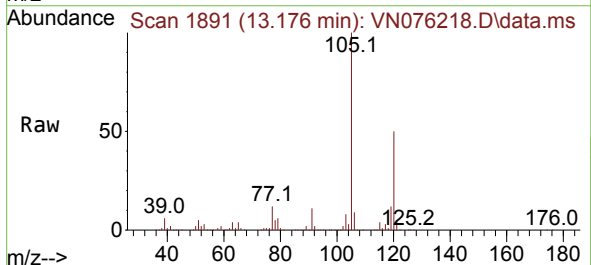
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

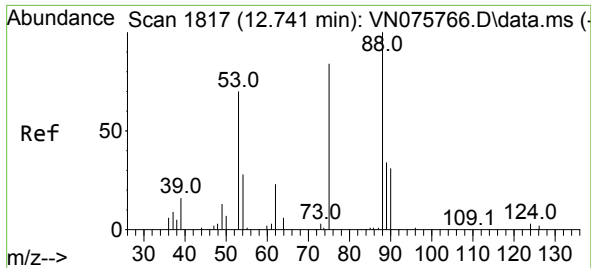
Tgt Ion: 91 Resp: 625695
Ion Ratio Lower Upper
91 100
126 35.7 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 50.702 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

Tgt Ion: 105 Resp: 804575
Ion Ratio Lower Upper
105 100
120 49.6 24.7 74.1

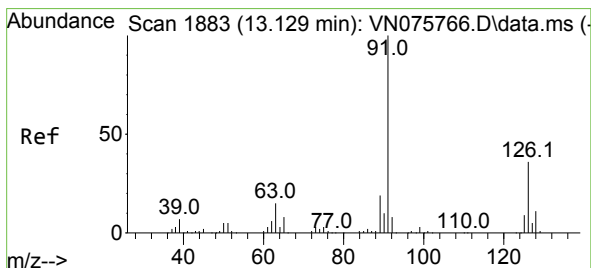
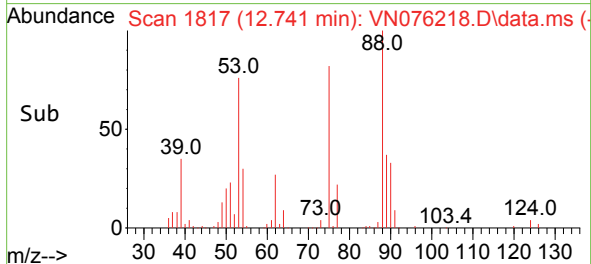
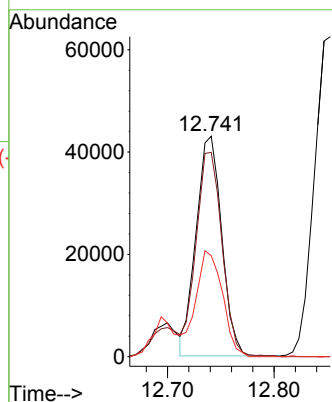
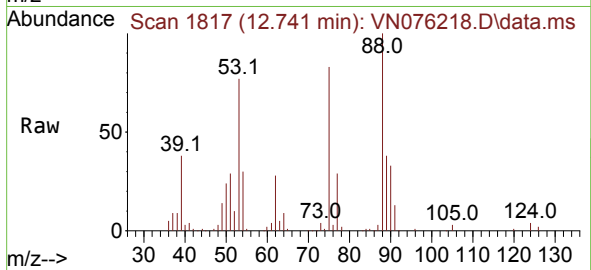




#81
trans-1,4-Dichloro-2-butene
Concen: 48.897 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

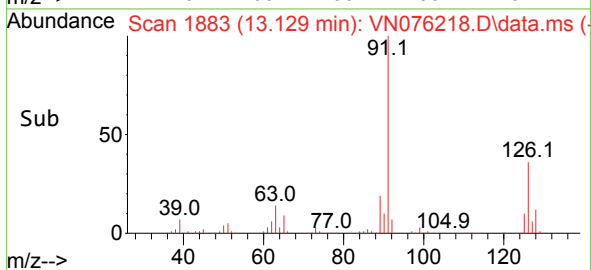
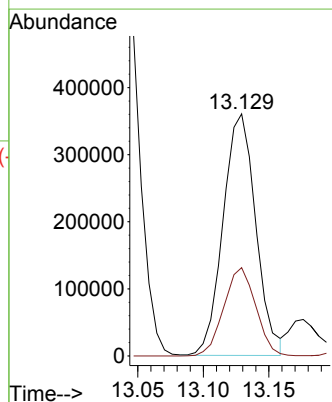
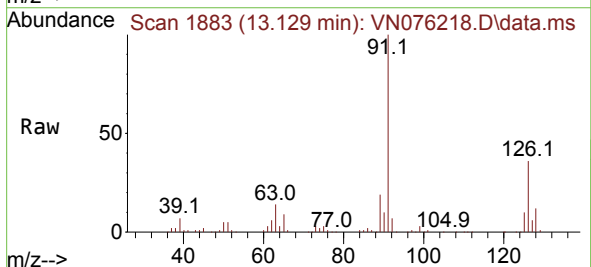
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

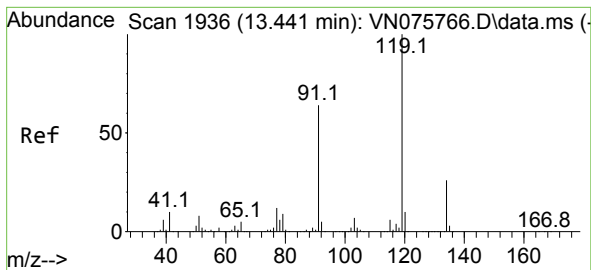
Tgt Ion:	75	Resp:	71845
Ion	Ratio	Lower	Upper
75	100		
53	94.9	73.8	110.6
89	50.3	39.5	59.3



#82
4-Chlorotoluene
Concen: 47.931 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

Tgt Ion:	91	Resp:	625695
Ion	Ratio	Lower	Upper
91	100		
126	35.7	17.5	52.5

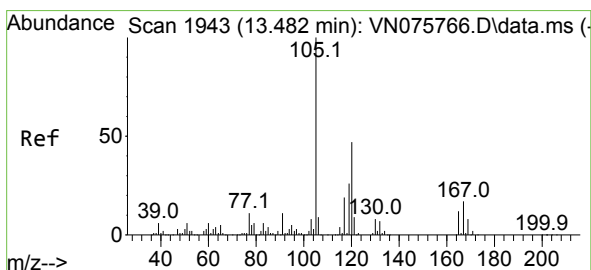
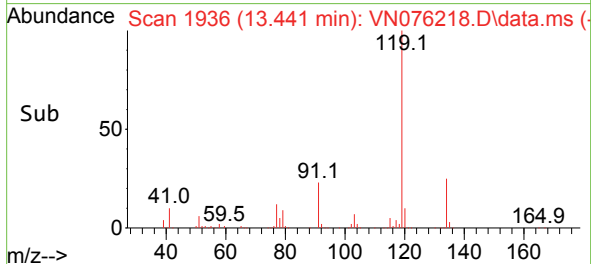
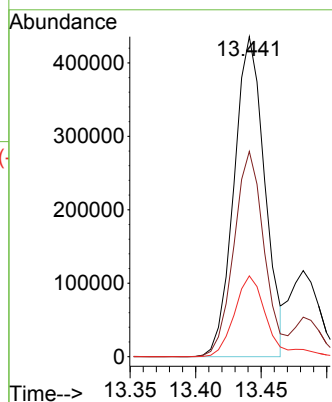
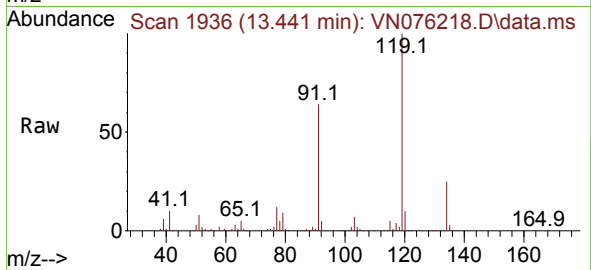




#83
tert-Butylbenzene
Concen: 50.856 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

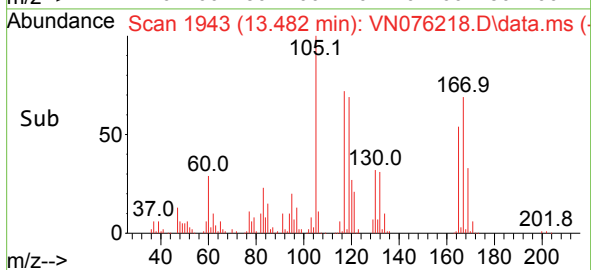
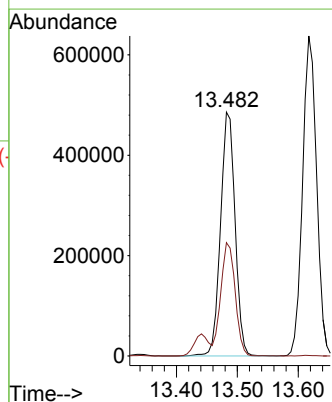
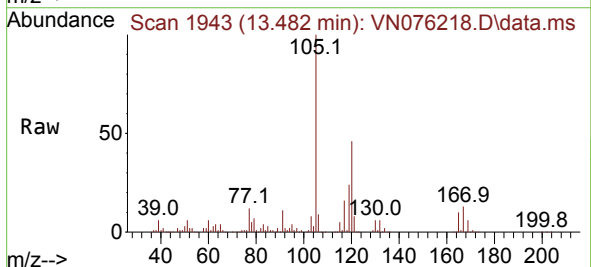
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

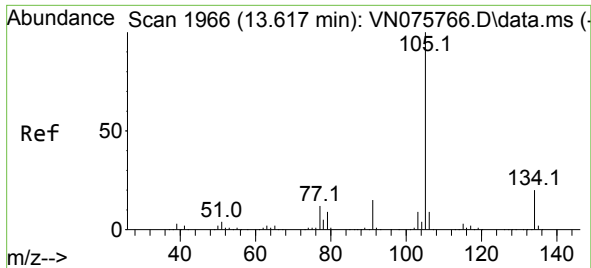
Tgt Ion:119 Resp: 711529
Ion Ratio Lower Upper
119 100
91 63.8 31.9 95.5
134 26.9 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 51.196 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

Tgt Ion:105 Resp: 805950
Ion Ratio Lower Upper
105 100
120 46.0 23.3 69.8

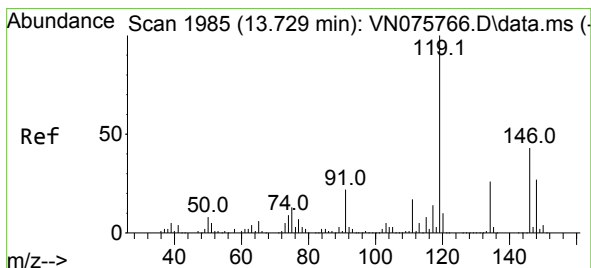
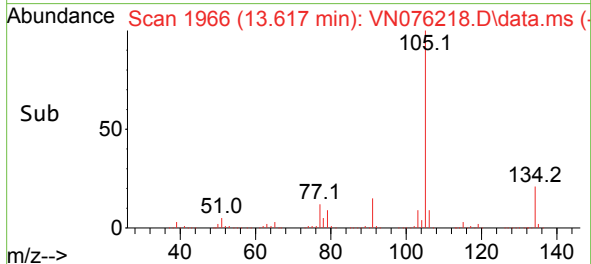
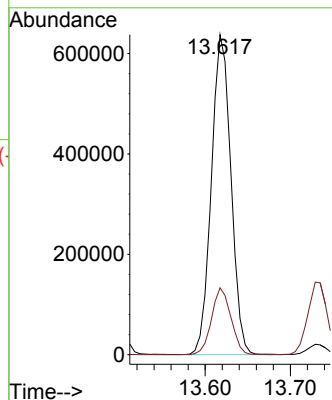
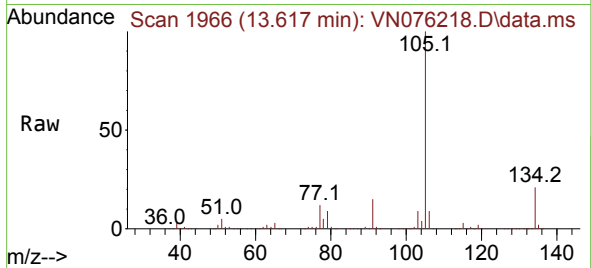




#85
 sec-Butylbenzene
 Concen: 52.630 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN076218.D
 Acq: 12 Jan 2023 09:52

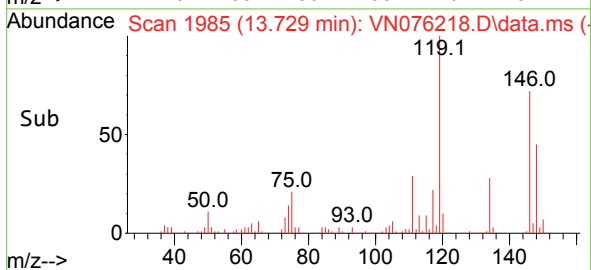
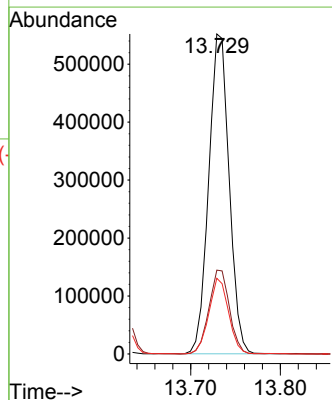
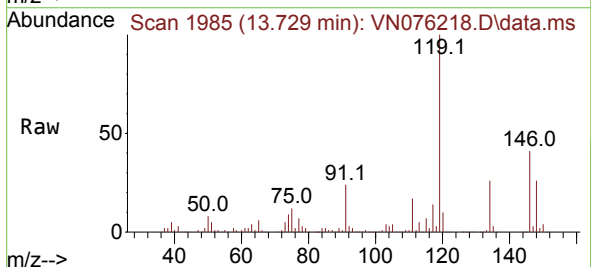
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

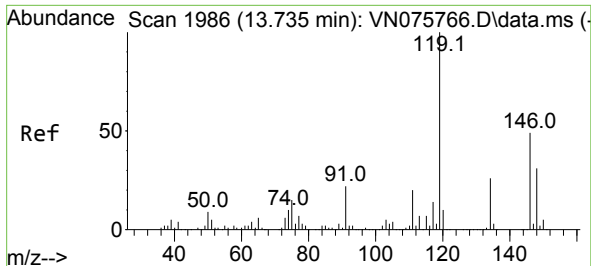
Tgt Ion:105 Resp: 1016341
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 54.314 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN076218.D
 Acq: 12 Jan 2023 09:52

Tgt Ion:119 Resp: 872751
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 39.0
 91 22.7 11.2 33.6

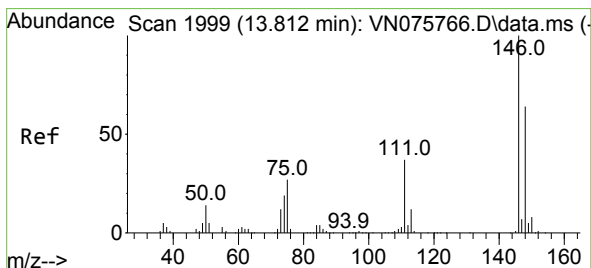
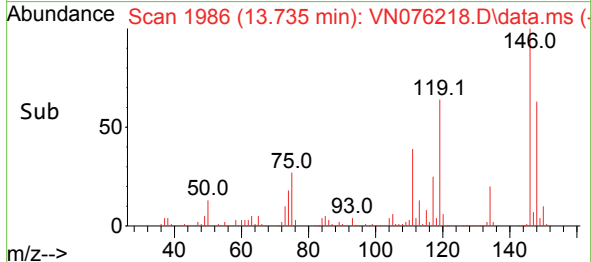
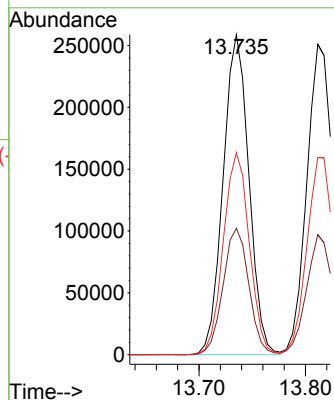
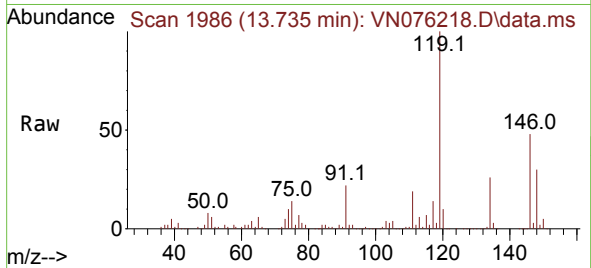




#87
 1,3-Dichlorobenzene
 Concen: 49.060 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN076218.D
 Acq: 12 Jan 2023 09:52

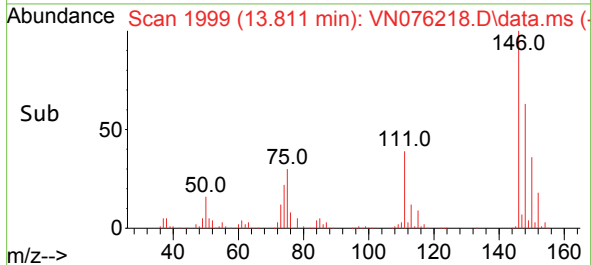
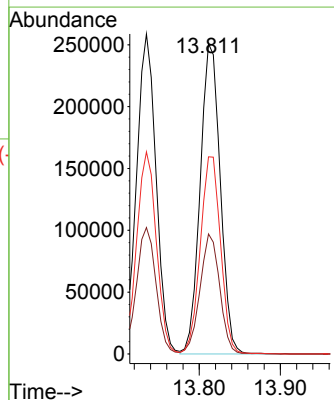
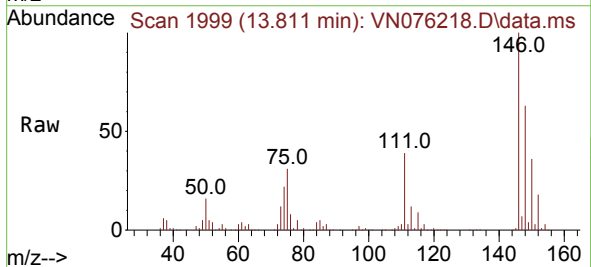
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

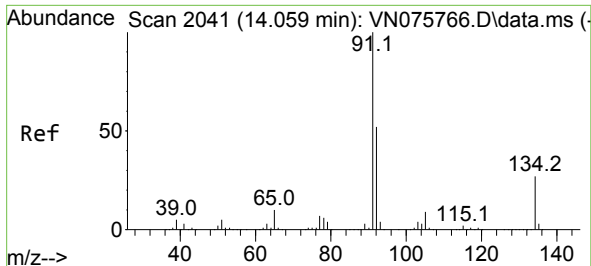
Tgt Ion:146 Resp: 434851
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.7 59.0
 148 63.6 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 47.658 ug/l
 RT: 13.811 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN076218.D
 Acq: 12 Jan 2023 09:52

Tgt Ion:146 Resp: 431530
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.1 57.1
 148 64.2 32.0 96.2

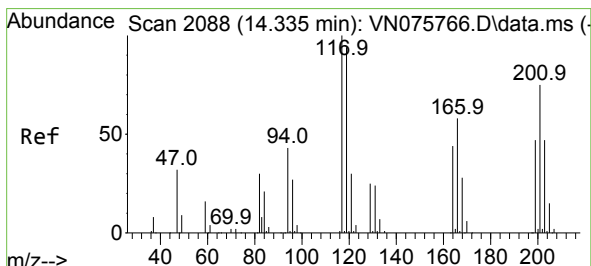
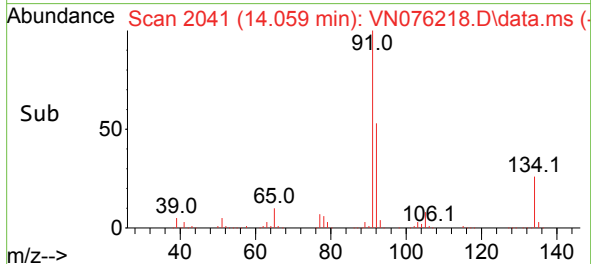
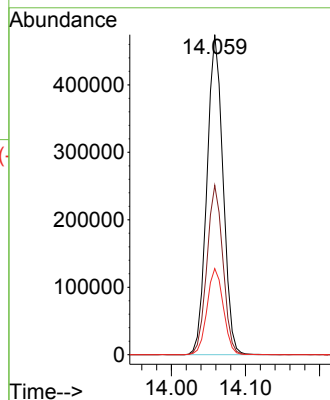
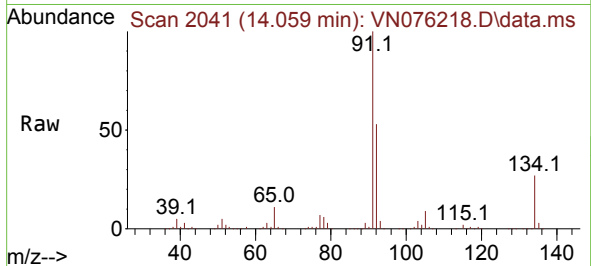




#89
n-Butylbenzene
Concen: 54.898 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

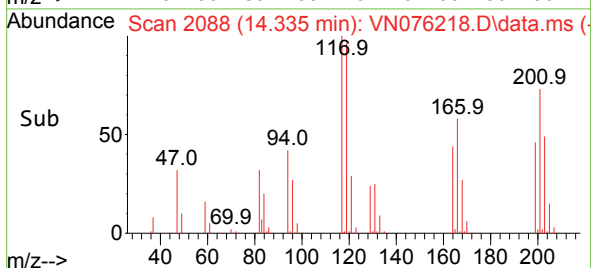
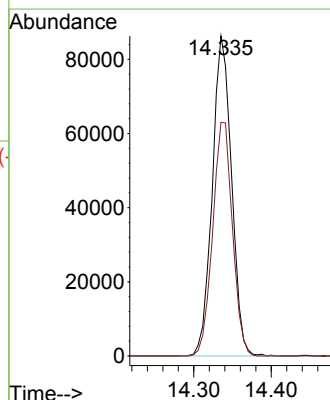
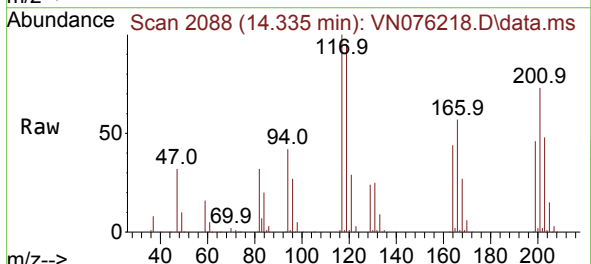
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

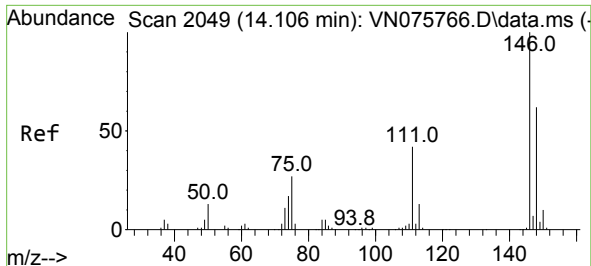
Tgt Ion: 91 Resp: 714646
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.2
134 27.3 13.4 40.2



#90
Hexachloroethane
Concen: 51.752 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

Tgt Ion: 117 Resp: 148752
Ion Ratio Lower Upper
117 100
201 74.9 38.0 114.1

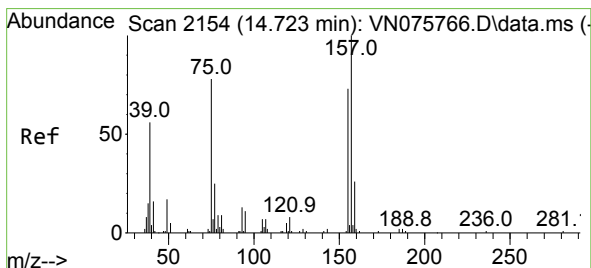
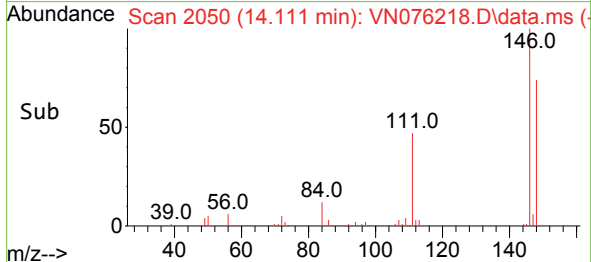
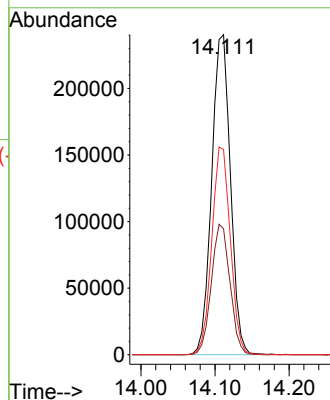
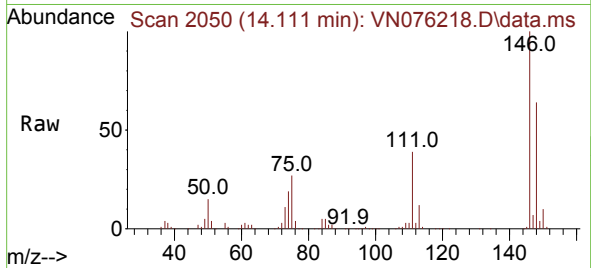




#91
1,2-Dichlorobenzene
Concen: 48.406 ug/l
RT: 14.111 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

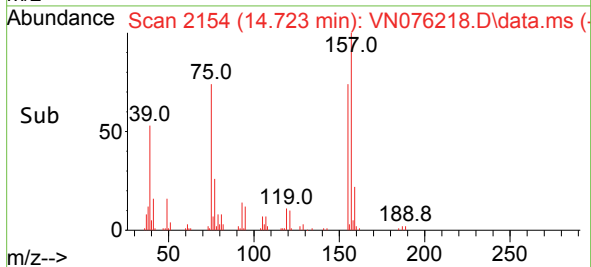
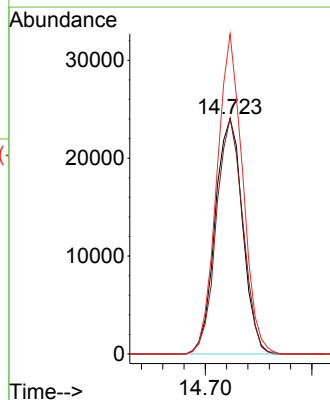
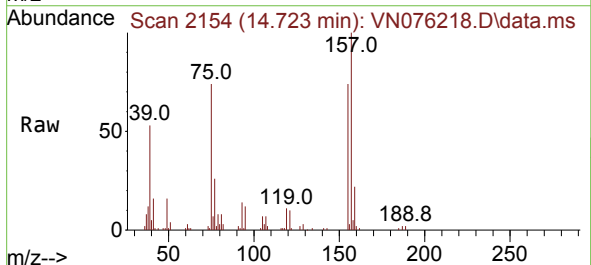
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

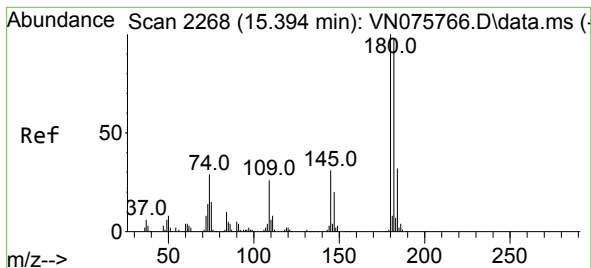
Tgt Ion:146 Resp: 422616
Ion Ratio Lower Upper
146 100
111 40.5 20.3 61.0
148 64.3 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.286 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

Tgt Ion: 75 Resp: 42939
Ion Ratio Lower Upper
75 100
155 96.9 49.3 147.8
157 127.8 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 50.752 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076218.D

Acq: 12 Jan 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

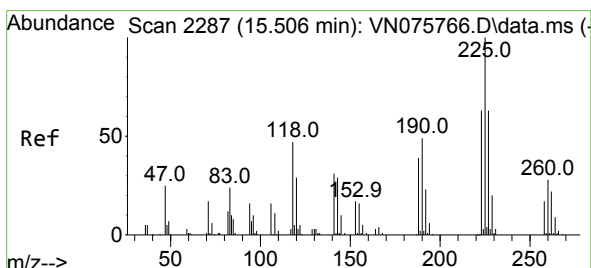
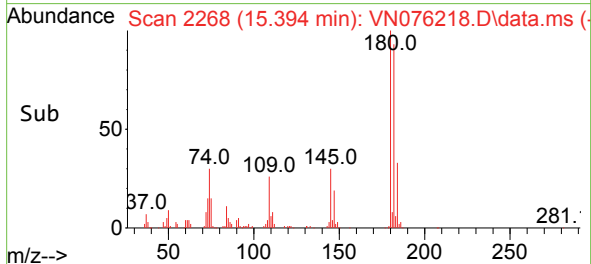
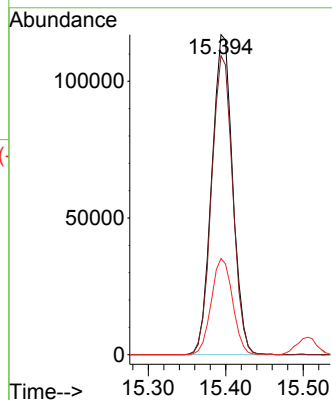
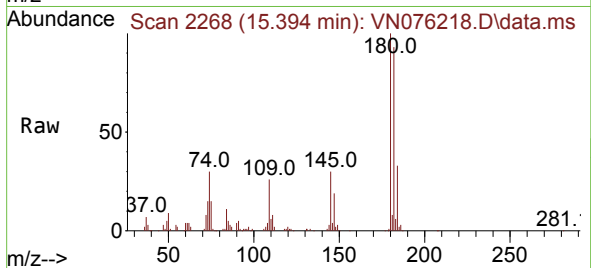
Tgt Ion:180 Resp: 219366

Ion Ratio Lower Upper

180 100

182 94.4 47.5 142.5

145 30.7 15.3 45.8



#94

Hexachlorobutadiene

Concen: 49.978 ug/l

RT: 15.505 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076218.D

Acq: 12 Jan 2023 09:52

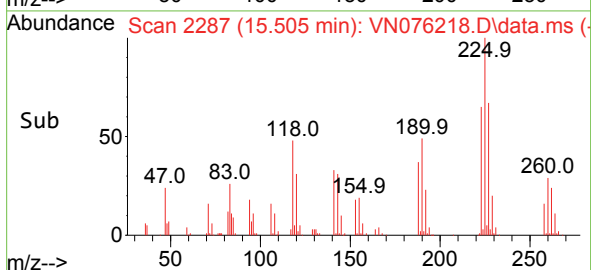
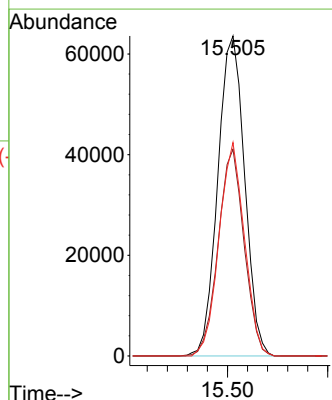
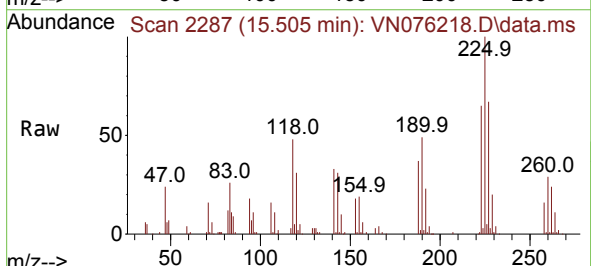
Tgt Ion:225 Resp: 117858

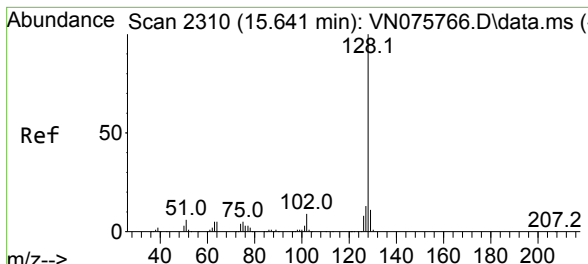
Ion Ratio Lower Upper

225 100

223 62.4 31.5 94.5

227 63.2 31.6 95.0

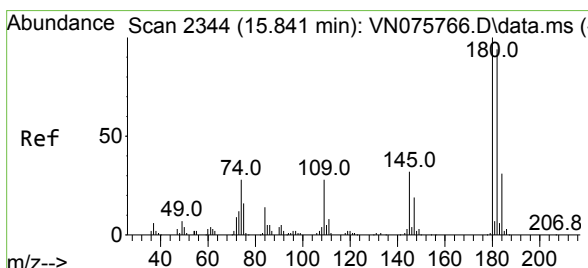
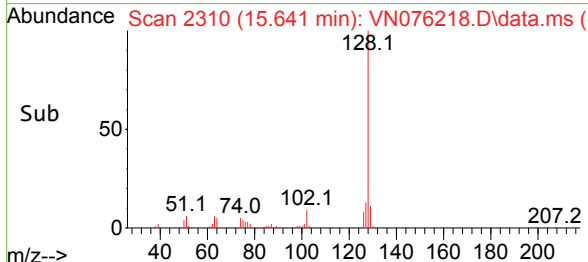
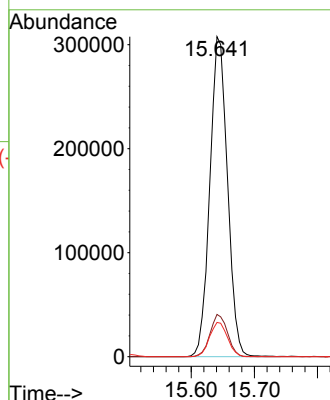
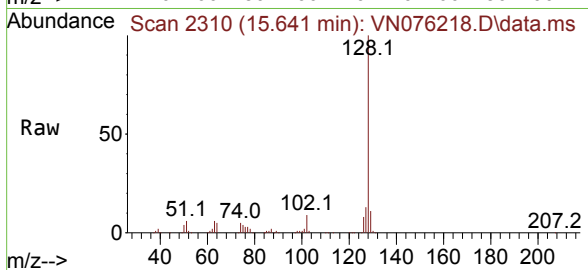




#95
Naphthalene
Concen: 42.134 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 596533
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.589 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN076218.D
Acq: 12 Jan 2023 09:52

Tgt Ion:180 Resp: 208413
Ion Ratio Lower Upper
180 100
182 94.1 47.0 141.0
145 31.9 16.0 47.9

