

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011323\
 Data File : VN076239.D
 Acq On : 13 Jan 2023 11:16
 Operator : JC\MD
 Sample : VN0113WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113WBS01

Quant Time: Jan 16 01:03:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	351992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	558553	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	489826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	221391	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	187282	48.907	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.820%
35) Dibromofluoromethane	8.171	113	172194	49.781	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.560%
50) Toluene-d8	10.571	98	607651	46.985	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.960%
62) 4-Bromofluorobenzene	12.853	95	203391	47.482	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.960%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	59837	23.942	ug/l	98
3) Chloromethane	2.371	50	62144	19.996	ug/l	98
4) Vinyl Chloride	2.524	62	77262	20.841	ug/l	97
5) Bromomethane	2.965	94	65731	20.863	ug/l	97
6) Chloroethane	3.130	64	60797	22.146	ug/l	95
7) Trichlorofluoromethane	3.506	101	109351	19.440	ug/l	99
8) Diethyl Ether	3.971	74	39726	19.336	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.389	101	64386	20.045	ug/l	99
10) Methyl Iodide	4.606	142	90306	17.324	ug/l	97
11) Tert butyl alcohol	5.536	59	52405	96.715	ug/l	100
12) 1,1-Dichloroethene	4.353	96	57962	18.580	ug/l	99
13) Acrolein	4.195	56	61595	92.723	ug/l	97
14) Allyl chloride	5.036	41	74634	20.465	ug/l	97
15) Acrylonitrile	5.736	53	145817	98.614	ug/l	99
16) Acetone	4.442	43	129272	97.930	ug/l	97
17) Carbon Disulfide	4.730	76	124431	16.474	ug/l	99
18) Methyl Acetate	5.036	43	84879	21.753	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	210672	20.507	ug/l	99
20) Methylene Chloride	5.295	84	68339	18.955	ug/l	92
21) trans-1,2-Dichloroethene	5.800	96	61093	17.882	ug/l	88
22) Diisopropyl ether	6.683	45	175234	19.780	ug/l	97
23) Vinyl Acetate	6.618	43	567241	95.129	ug/l	96
24) 1,1-Dichloroethane	6.583	63	112316	19.010	ug/l	99
25) 2-Butanone	7.494	43	192709	104.262	ug/l	96
26) 2,2-Dichloropropane	7.506	77	95587	19.104	ug/l	95
27) cis-1,2-Dichloroethene	7.500	96	75266	18.420	ug/l	96
28) Bromochloromethane	7.818	49	45057	17.399	ug/l	97
29) Tetrahydrofuran	7.847	42	122295	105.583	ug/l	96
30) Chloroform	7.971	83	124416	18.703	ug/l	93
31) Cyclohexane	8.265	56	96682	17.629	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	113153	19.186	ug/l	96
36) 1,1-Dichloropropene	8.377	75	87381	19.017	ug/l	99
37) Ethyl Acetate	7.571	43	78159	21.176	ug/l	99
38) Carbon Tetrachloride	8.371	117	100122	19.468	ug/l	98
39) Methylcyclohexane	9.606	83	106004	19.122	ug/l	100
40) Benzene	8.612	78	267496	18.868	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	38992	20.324	ug/l	94
42) 1,2-Dichloroethane	8.677	62	92623	19.652	ug/l	100
43) Isopropyl Acetate	8.694	43	124427	20.437	ug/l	99
44) Trichloroethene	9.359	130	73029	18.285	ug/l	98
45) 1,2-Dichloropropane	9.630	63	66810	19.366	ug/l	97
46) Dibromomethane	9.718	93	47945	18.737	ug/l	98
47) Bromodichloromethane	9.894	83	94838	18.900	ug/l	96
48) Methyl methacrylate	9.688	41	58330	21.271	ug/l	97
49) 1,4-Dioxane	9.694	88	25900	384.190	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	389179	105.697	ug/l	98
52) Toluene	10.635	92	178179	19.298	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	93637	19.063	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	103530	19.197	ug/l	96
55) 1,1,2-Trichloroethane	11.024	97	70786	19.532	ug/l	97
56) Ethyl methacrylate	10.877	69	96471	20.041	ug/l	97
57) 1,3-Dichloropropane	11.165	76	114946	19.336	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	164755	107.499	ug/l	100
59) 2-Hexanone	11.200	43	283951	105.747	ug/l	98
60) Dibromochloromethane	11.359	129	75933	18.840	ug/l	99
61) 1,2-Dibromoethane	11.471	107	69634	18.987	ug/l	98
64) Tetrachloroethene	11.106	164	77043	22.352	ug/l	96
65) Chlorobenzene	11.894	112	189115	18.811	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	71592	19.225	ug/l	98
67) Ethyl Benzene	11.965	91	331940	19.563	ug/l	100
68) m/p-Xylenes	12.071	106	263121	39.179	ug/l	100
69) o-Xylene	12.400	106	130504	19.636	ug/l	98
70) Styrene	12.418	104	206934	19.583	ug/l	100
71) Bromoform	12.582	173	53146	19.614	ug/l #	99
73) Isopropylbenzene	12.700	105	336039	21.004	ug/l	100
74) N-amyl acetate	12.500	43	99369	21.172	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	97773	19.769	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	117325	26.290	ug/l	71
77) Bromobenzene	12.982	156	77407	19.118	ug/l	98
78) n-propylbenzene	13.041	91	371308	21.042	ug/l	99
79) 2-Chlorotoluene	13.129	91	218382	19.826	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	281904	21.053	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	25620	20.664	ug/l	93
82) 4-Chlorotoluene	13.129	91	218382	19.826	ug/l	99
83) tert-Butylbenzene	13.441	119	256571	21.733	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	272422	20.508	ug/l	99
85) sec-Butylbenzene	13.618	105	342090	20.994	ug/l	98
86) p-Isopropyltoluene	13.735	119	282936	20.868	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	141803	18.960	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	140224	18.353	ug/l	99
89) n-Butylbenzene	14.059	91	209969	19.115	ug/l	100
90) Hexachloroethane	14.335	117	47603	19.627	ug/l	100
91) 1,2-Dichlorobenzene	14.112	146	139504	18.937	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15533	17.700	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	59544	16.326	ug/l	97
94) Hexachlorobutadiene	15.506	225	35987	18.085	ug/l	100
95) Naphthalene	15.647	128	182323	16.650	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	59534	17.465	ug/l	98

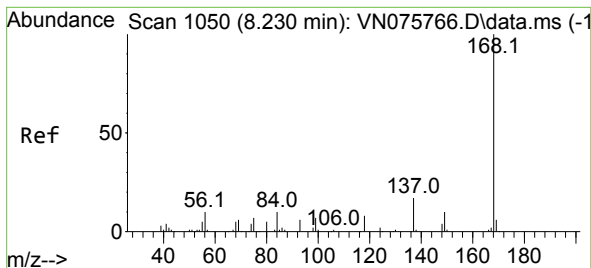
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076239.D

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Instrument :

MSVOA_N

ClientSampleId :

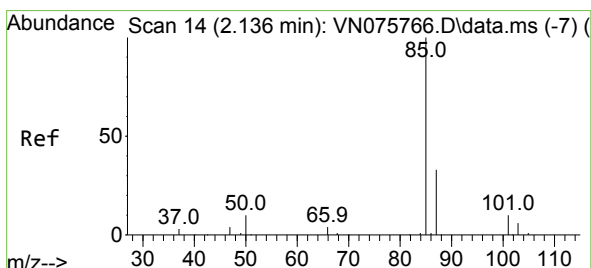
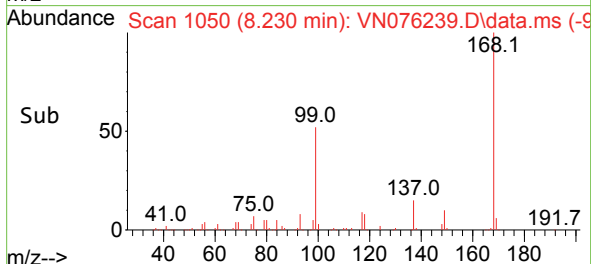
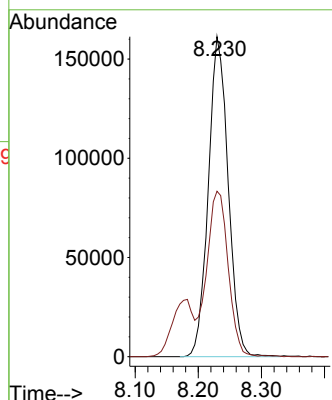
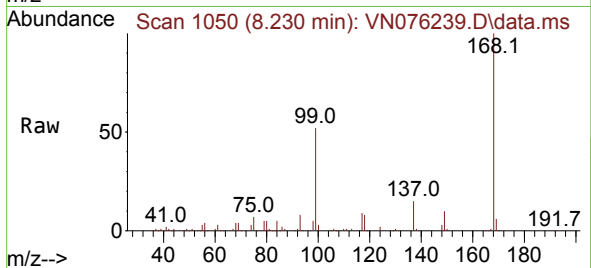
VN0113WBS01

Tgt Ion:168 Resp: 351992

Ion Ratio Lower Upper

168 100

99 51.5 44.2 66.4



#2

Dichlorodifluoromethane

Concen: 23.942 ug/l

RT: 2.142 min Scan# 15

Delta R.T. 0.006 min

Lab File: VN076239.D

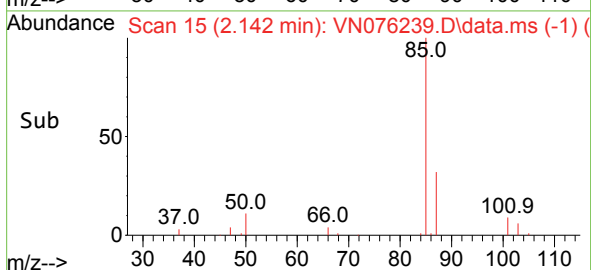
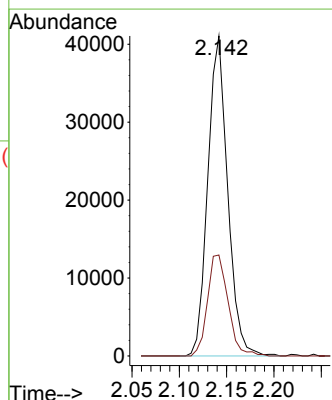
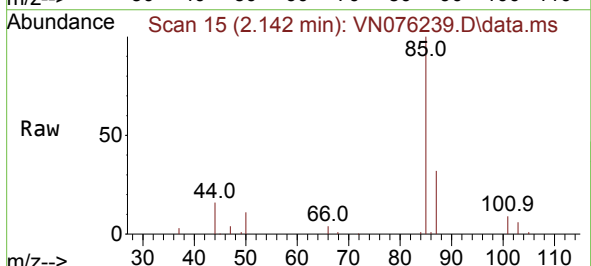
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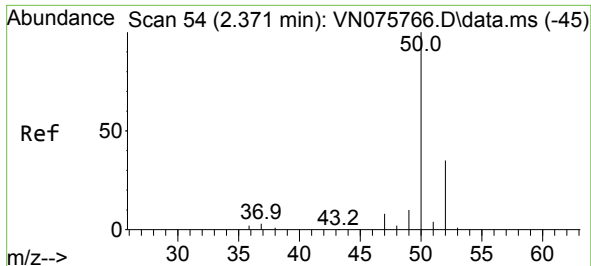
Tgt Ion: 85 Resp: 59837

Ion Ratio Lower Upper

85 100

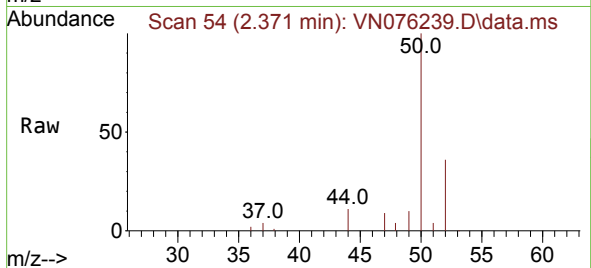
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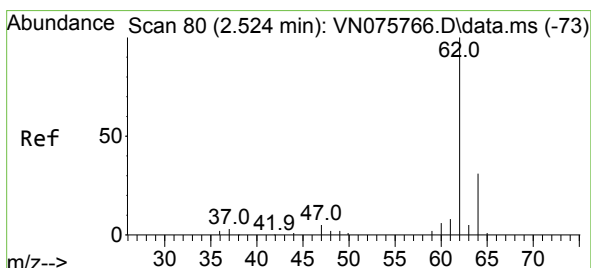
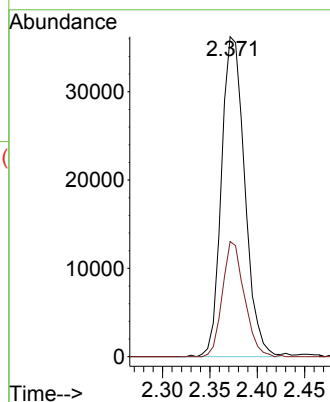
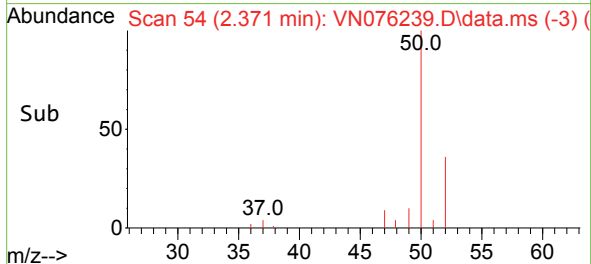


#3
Chloromethane
Concen: 19.996 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN076239.D
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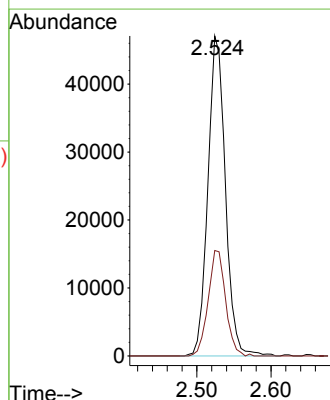
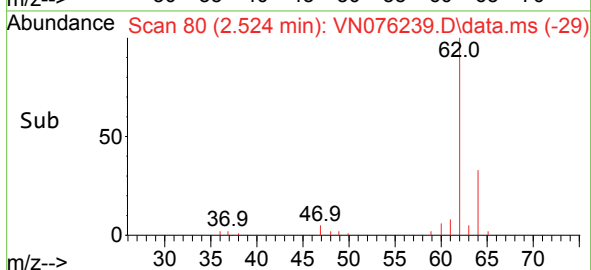
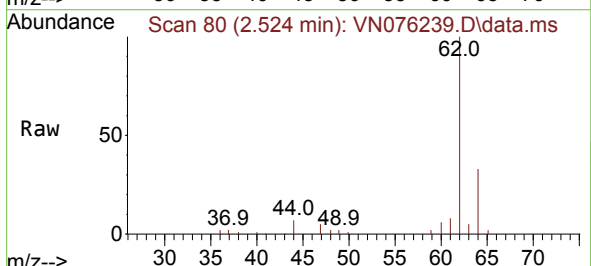


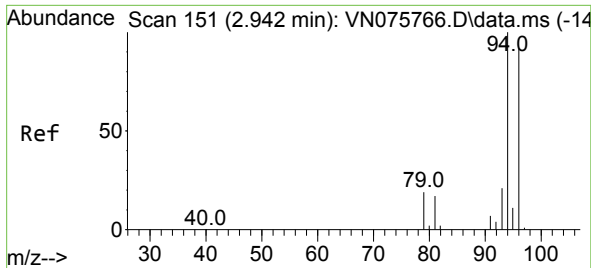
Tgt Ion: 50 Resp: 62144
Ion Ratio Lower Upper
50 100
52 36.0 27.7 41.5



#4
Vinyl Chloride
Concen: 20.841 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion: 62 Resp: 77262
Ion Ratio Lower Upper
62 100
64 32.9 24.9 37.3

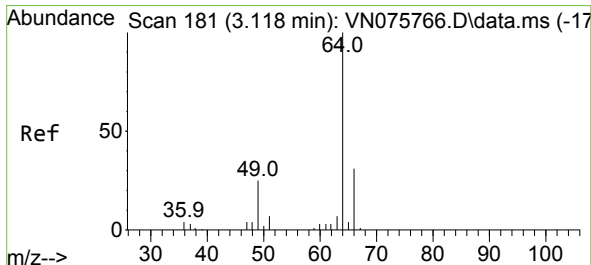
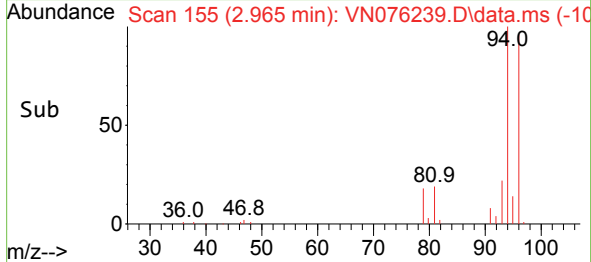
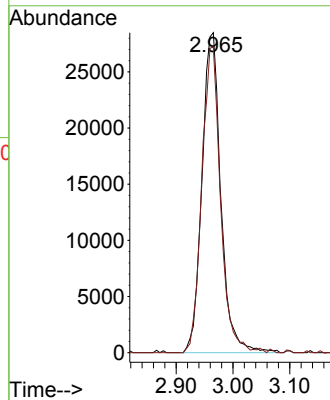
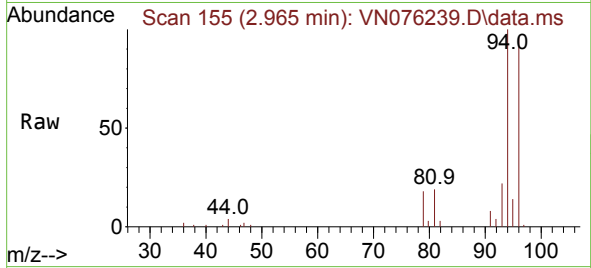




#5
Bromomethane
Concen: 20.863 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

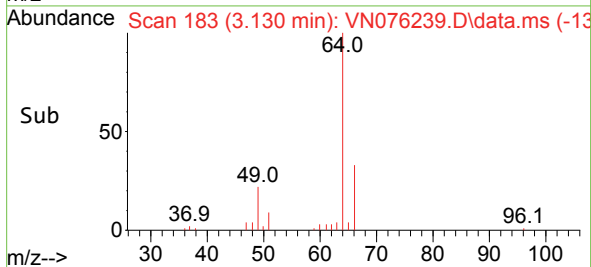
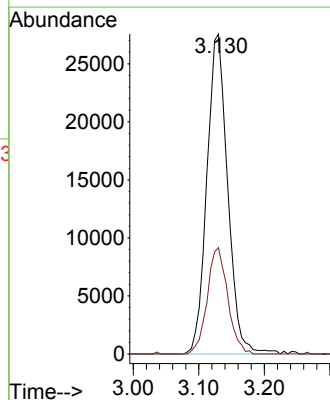
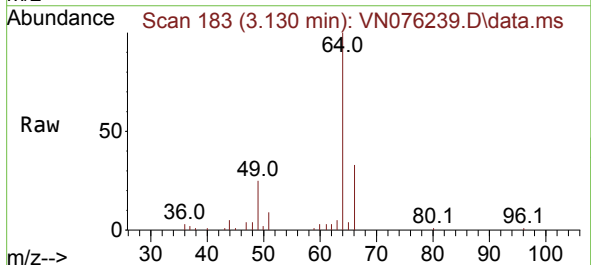
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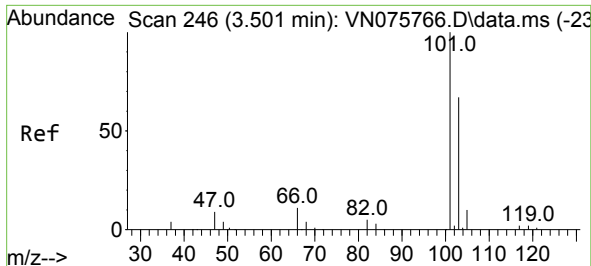
Tgt Ion: 94 Resp: 65731
Ion Ratio Lower Upper
94 100
96 95.5 73.8 110.6



#6
Chloroethane
Concen: 22.146 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion: 64 Resp: 60797
Ion Ratio Lower Upper
64 100
66 33.3 24.6 36.8

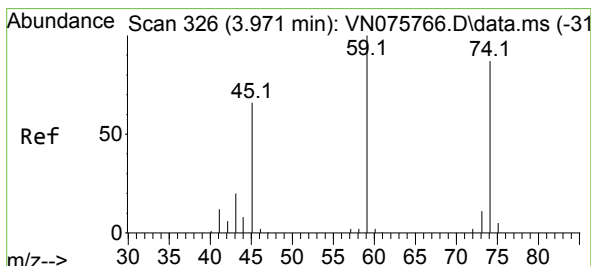
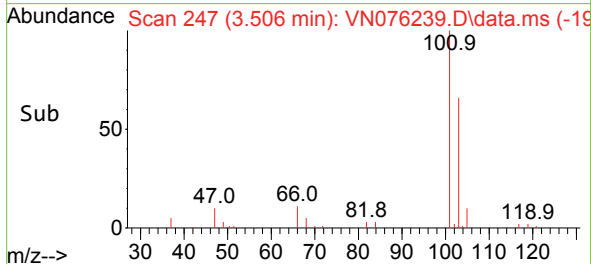
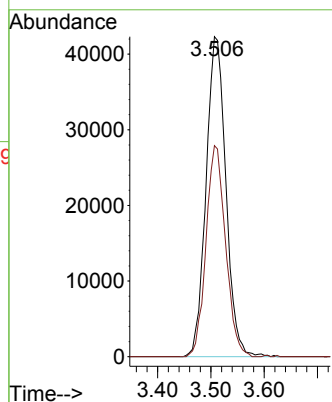
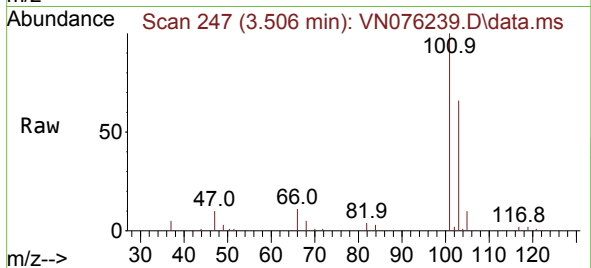




#7
Trichlorofluoromethane
Concen: 19.440 ug/l
RT: 3.506 min Scan# 246
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

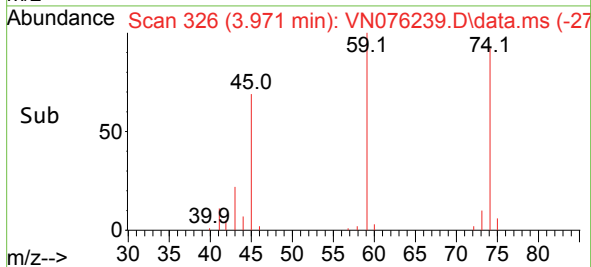
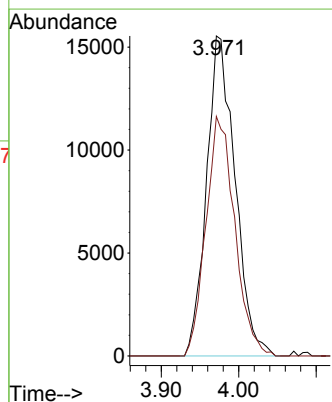
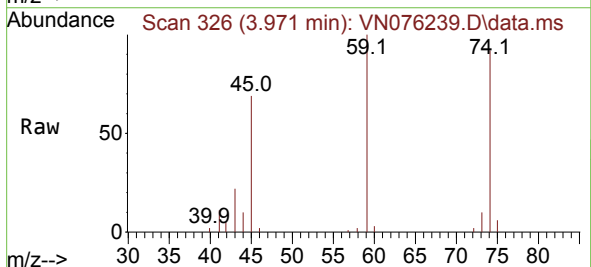
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MSVOA_N
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VN0113WBS01

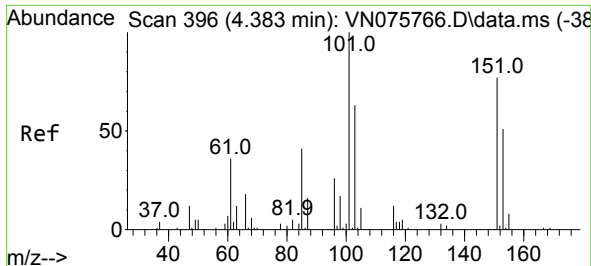
Tgt Ion:101 Resp: 109351
Ion Ratio Lower Upper
101 100
103 65.9 53.4 80.2



#8
Diethyl Ether
Concen: 19.336 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion: 74 Resp: 39726
Ion Ratio Lower Upper
74 100
45 75.8 37.8 113.4

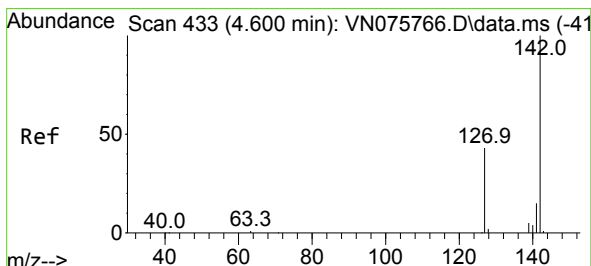
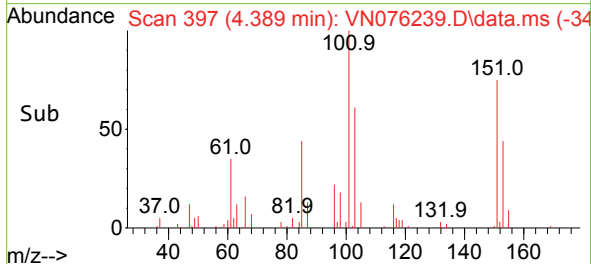
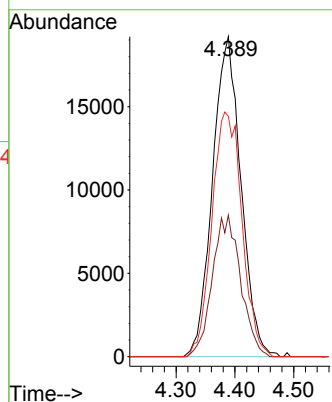
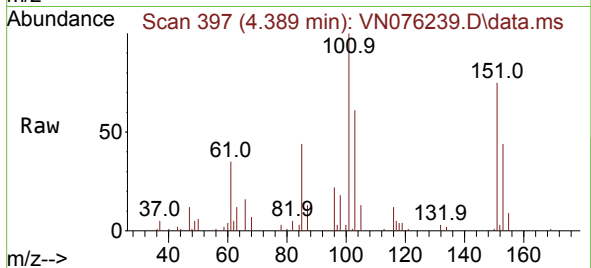




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.045 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN076239.D
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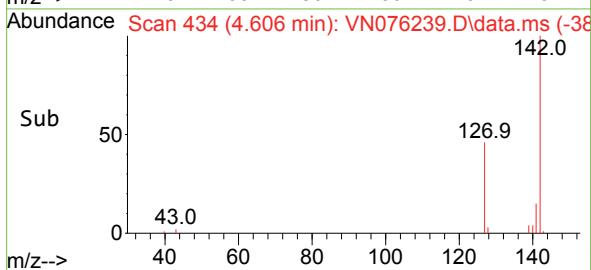
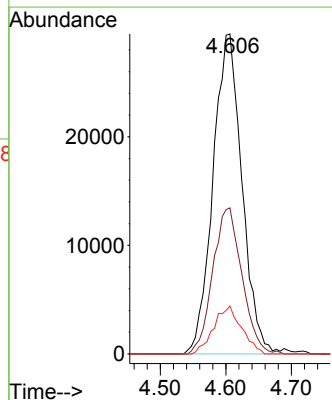
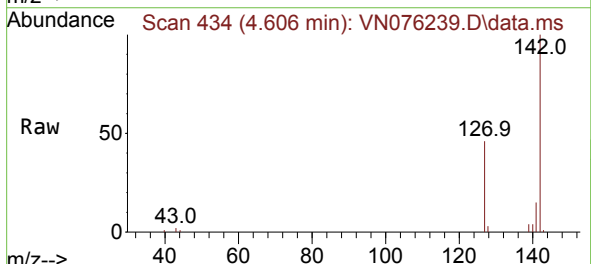
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

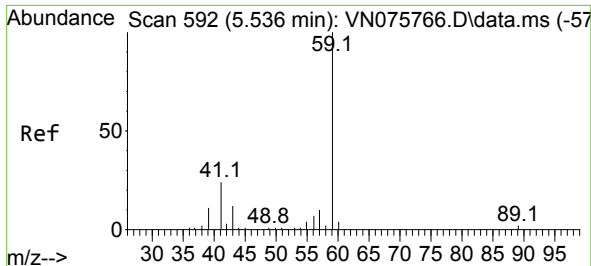
Tgt Ion:101 Resp: 64386
Ion Ratio Lower Upper
101 100
85 44.0 35.3 52.9
151 80.6 65.6 98.4



#10
Methyl Iodide
Concen: 17.324 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion:142 Resp: 90306
Ion Ratio Lower Upper
142 100
127 46.0 34.7 52.1
141 14.4 11.4 17.2

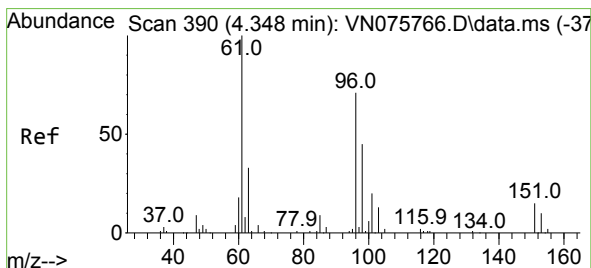
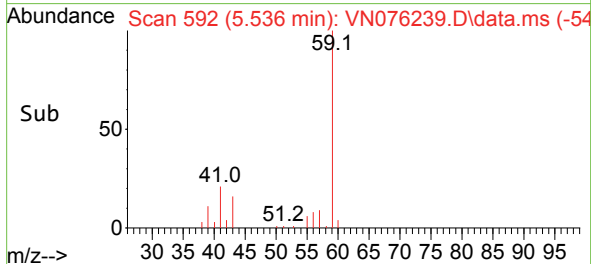
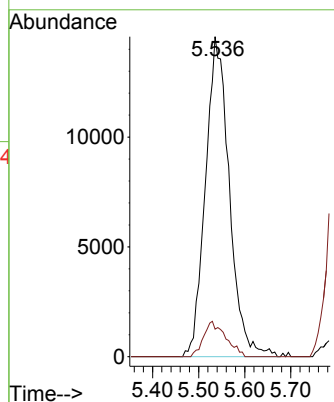
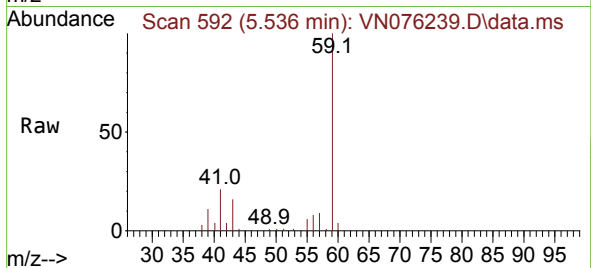




#11
Tert butyl alcohol
Concen: 96.715 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

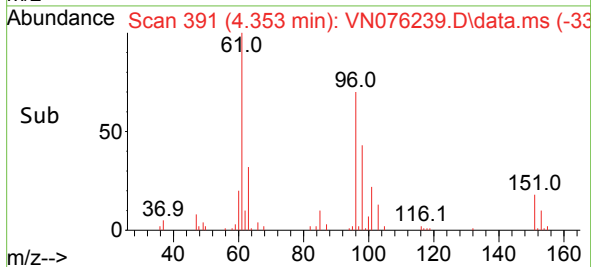
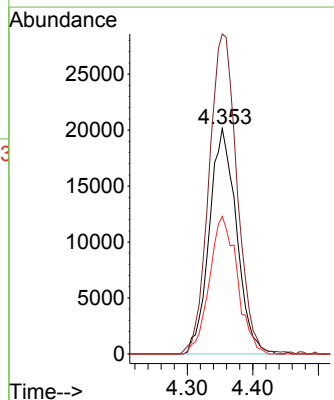
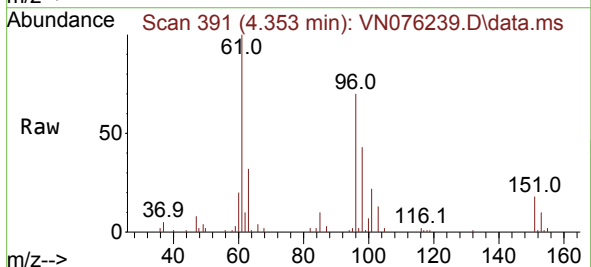
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

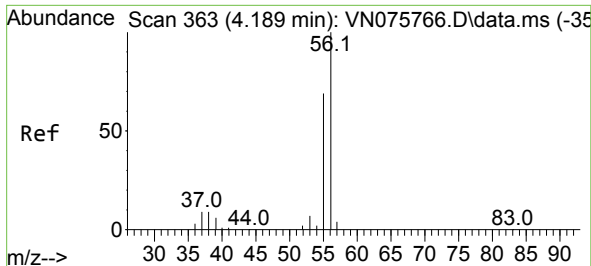
Tgt Ion: 59 Resp: 52405
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.580 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion: 96 Resp: 57962
Ion Ratio Lower Upper
96 100
61 142.1 113.3 169.9
98 61.1 50.9 76.3

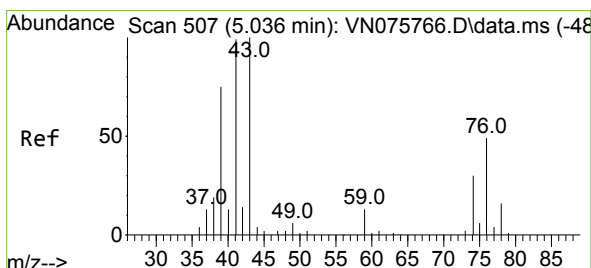
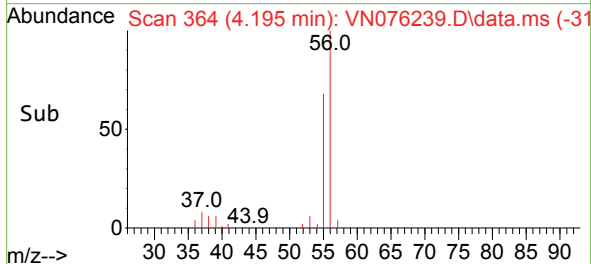
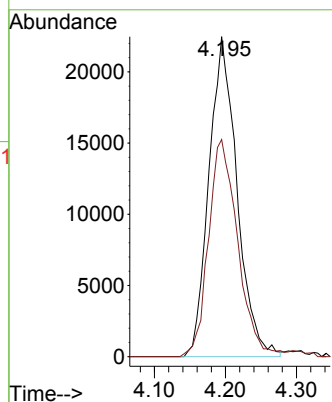
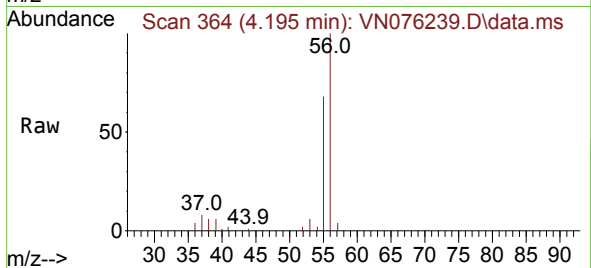




#13
Acrolein
Concen: 92.723 ug/l
RT: 4.195 min Scan# 364
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

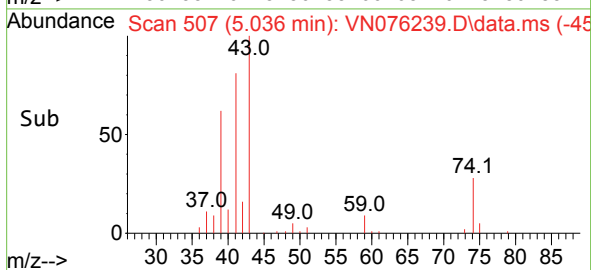
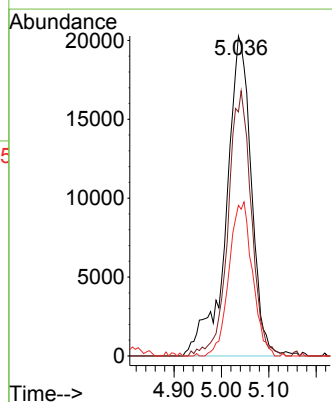
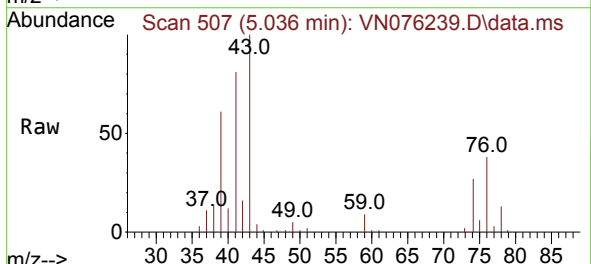
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

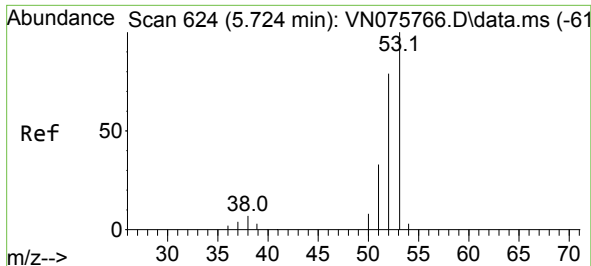
Tgt Ion: 56 Resp: 61595
Ion Ratio Lower Upper
56 100
55 70.6 54.8 82.2



#14
Allyl chloride
Concen: 20.465 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion: 41 Resp: 74634
Ion Ratio Lower Upper
41 100
39 76.8 58.3 87.5
76 44.8 35.8 53.6

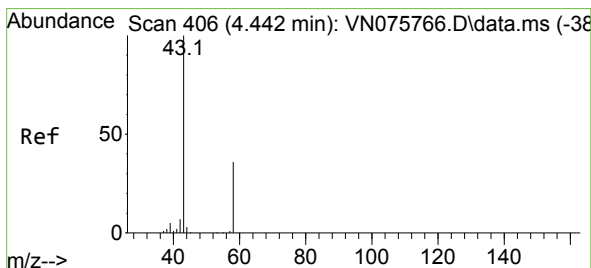
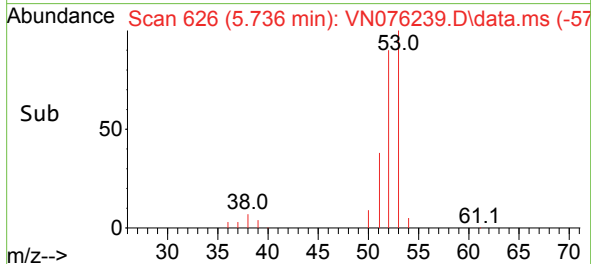
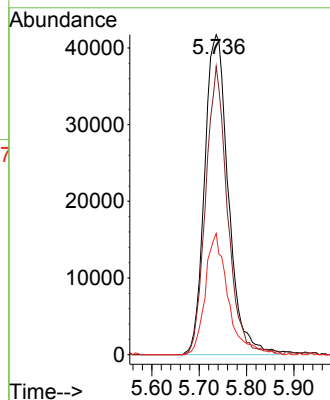
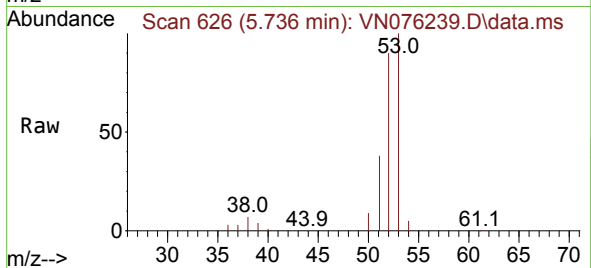




#15
Acrylonitrile
Concen: 98.614 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

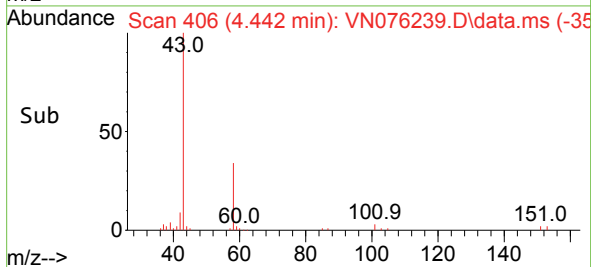
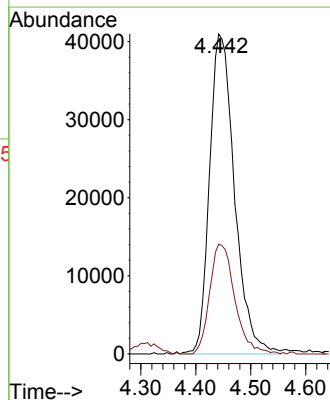
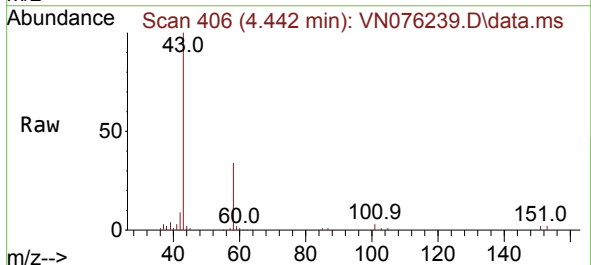
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

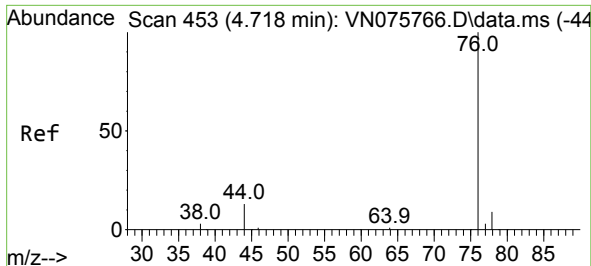
Tgt Ion: 53 Resp: 145817
Ion Ratio Lower Upper
53 100
52 82.5 65.4 98.0
51 36.2 28.9 43.3



#16
Acetone
Concen: 97.930 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion: 43 Resp: 129272
Ion Ratio Lower Upper
43 100
58 34.3 28.6 43.0

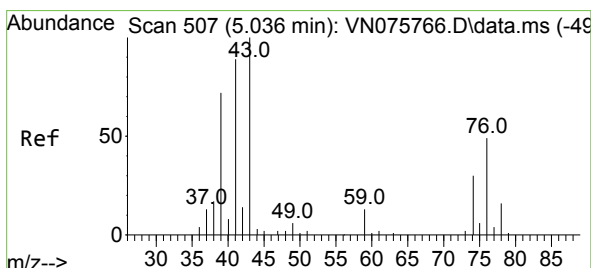
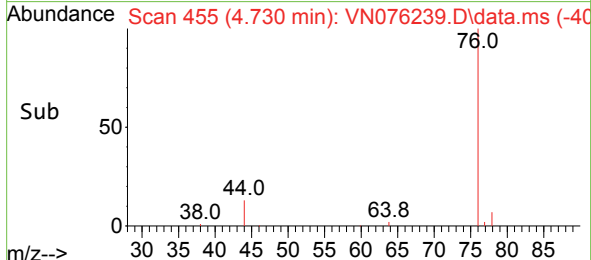
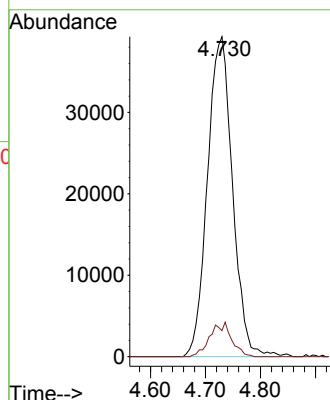
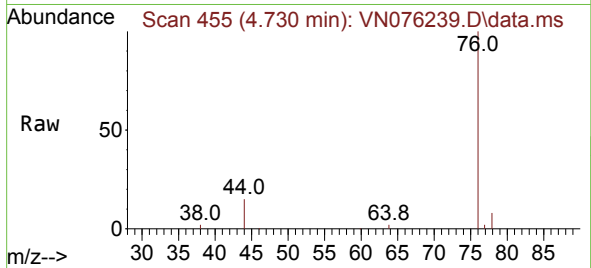




#17
Carbon Disulfide
Concen: 16.474 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

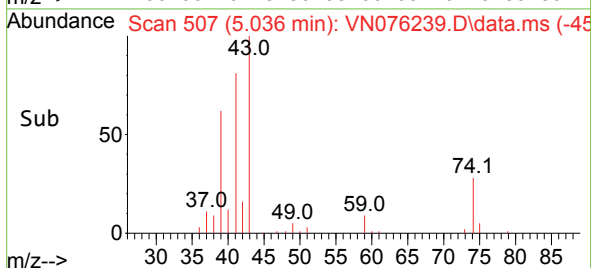
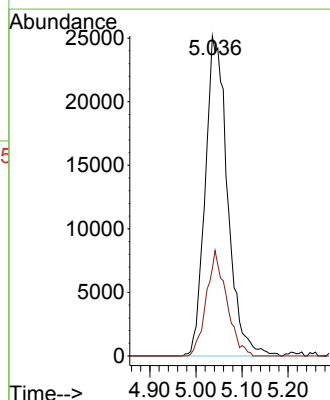
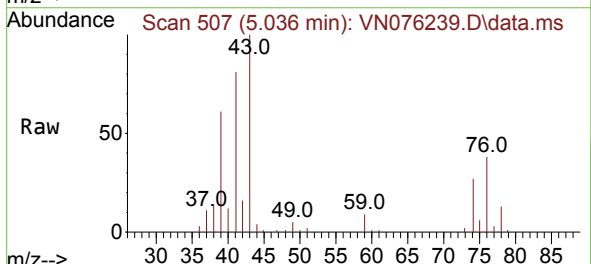
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

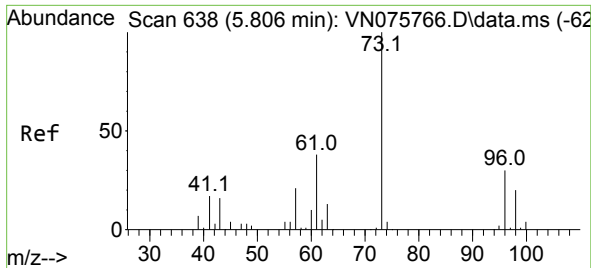
Tgt Ion: 76 Resp: 124431
Ion Ratio Lower Upper
76 100
78 8.1 6.8 10.2



#18
Methyl Acetate
Concen: 21.753 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion: 43 Resp: 84879
Ion Ratio Lower Upper
43 100
74 29.9 23.6 35.4

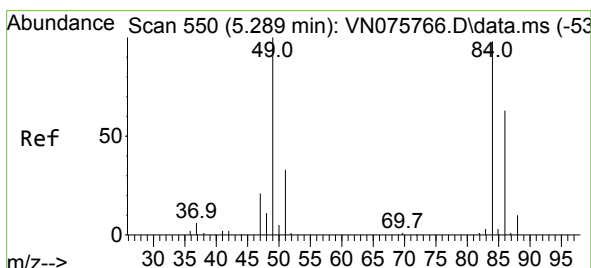
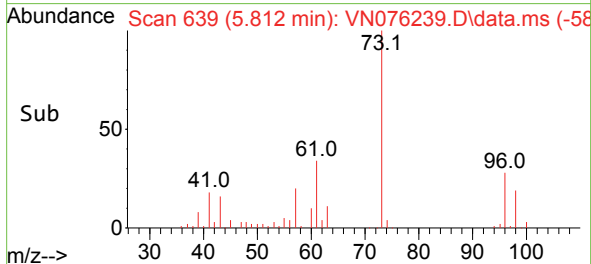
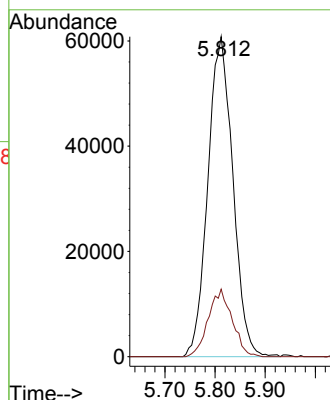
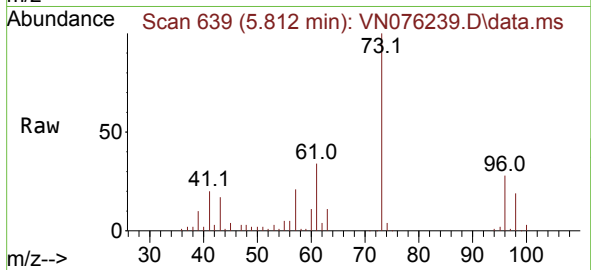




#19
Methyl tert-butyl Ether
Concen: 20.507 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

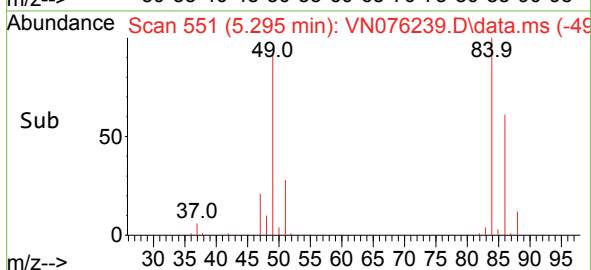
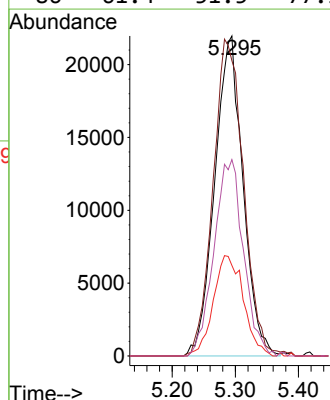
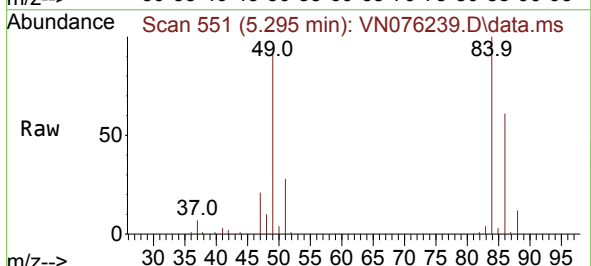
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

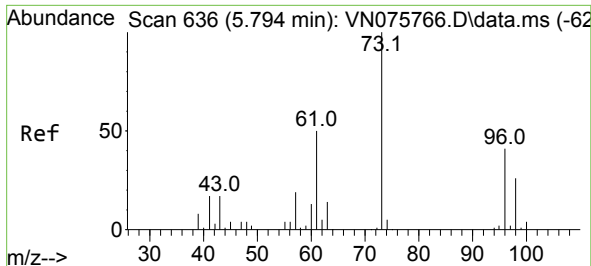
Tgt Ion: 73 Resp: 210672
Ion Ratio Lower Upper
73 100
57 21.1 17.1 25.7



#20
Methylene Chloride
Concen: 18.955 ug/l
RT: 5.295 min Scan# 551
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion: 84 Resp: 68339
Ion Ratio Lower Upper
84 100
49 92.3 81.8 122.6
51 28.3 26.7 40.1
86 61.4 51.5 77.3

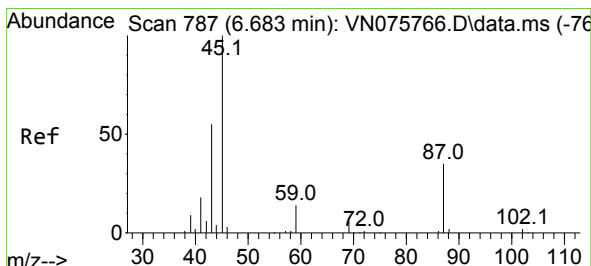
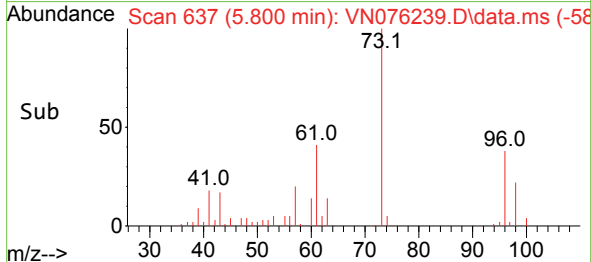
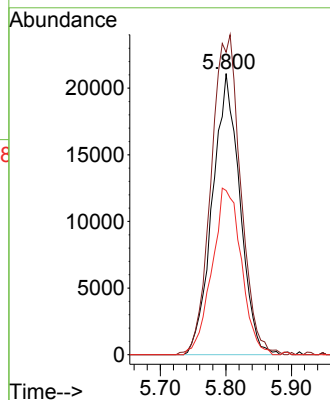
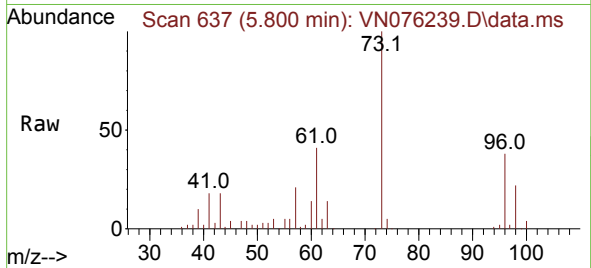




#21
trans-1,2-Dichloroethene
Concen: 17.882 ug/l
RT: 5.800 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

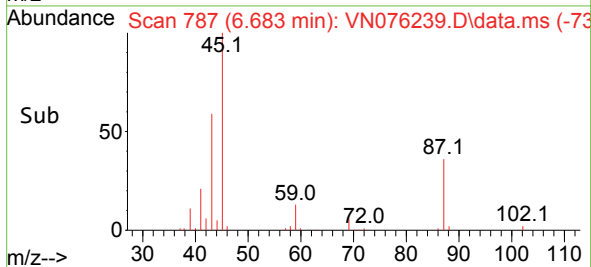
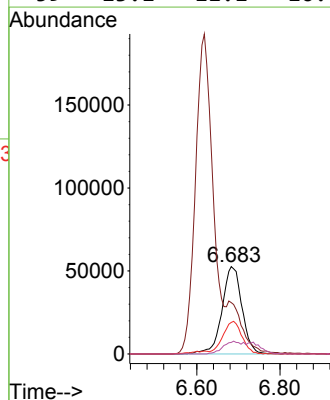
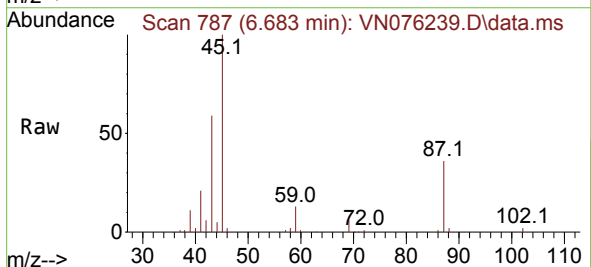
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

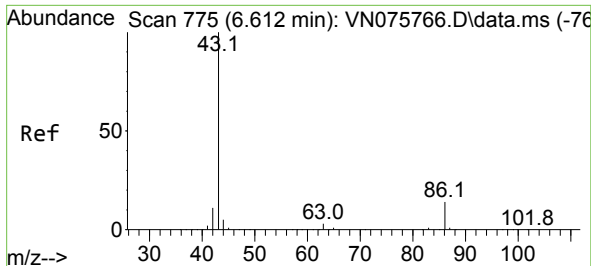
Tgt Ion: 96 Resp: 61093
Ion Ratio Lower Upper
96 100
61 106.8 98.1 147.1
98 58.4 51.4 77.2



#22
Diisopropyl ether
Concen: 19.780 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion: 45 Resp: 175234
Ion Ratio Lower Upper
45 100
43 57.9 44.2 66.4
87 36.1 28.3 42.5
59 13.1 11.1 16.7

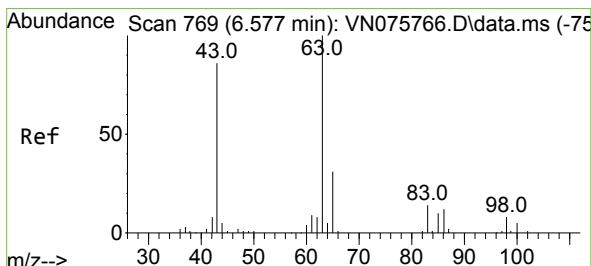
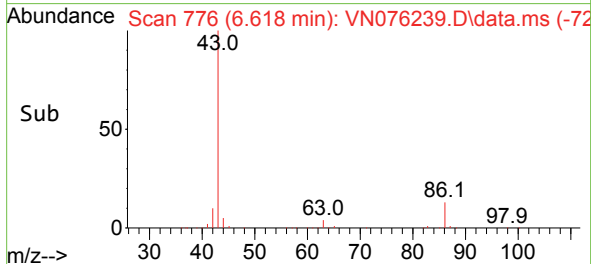
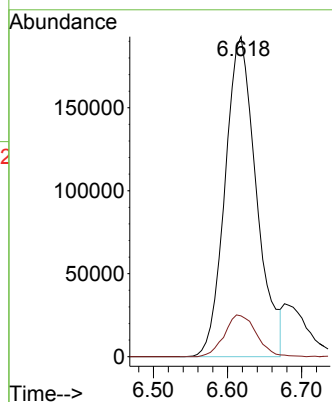
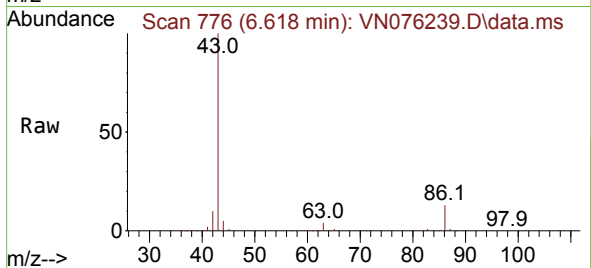




#23
 Vinyl Acetate
 Concen: 95.129 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN076239.D
 Acq: 13 Jan 2023 11:16

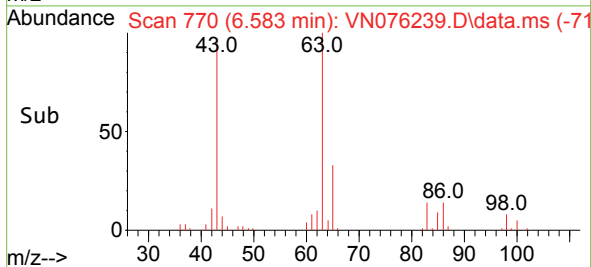
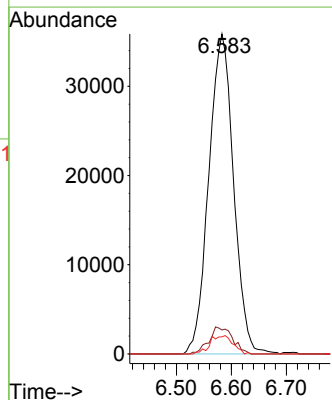
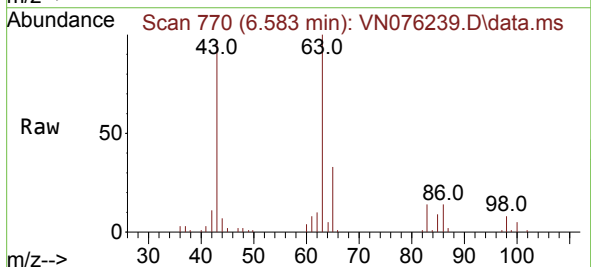
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113WBS01

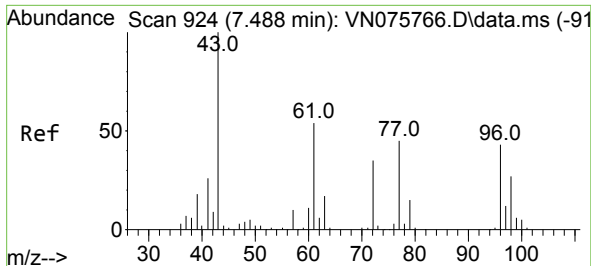
Tgt Ion: 43 Resp: 567241
 Ion Ratio Lower Upper
 43 100
 86 12.8 11.4 17.2



#24
 1,1-Dichloroethane
 Concen: 19.010 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN076239.D
 Acq: 13 Jan 2023 11:16

Tgt Ion: 63 Resp: 112316
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.5
 100 5.4 2.5 7.6





#25

2-Butanone

Concen: 104.262 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

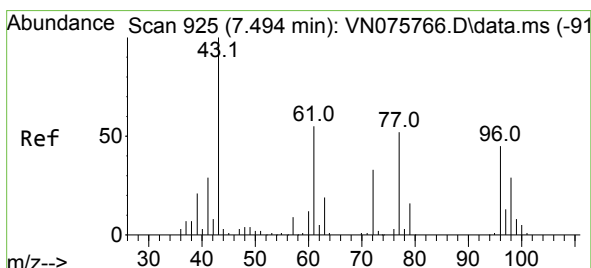
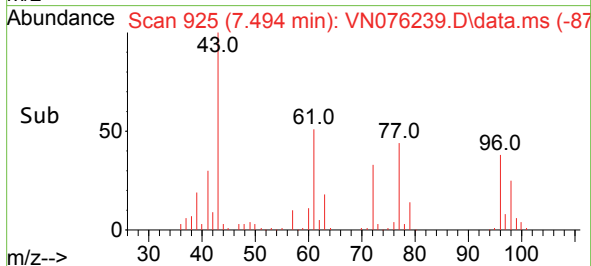
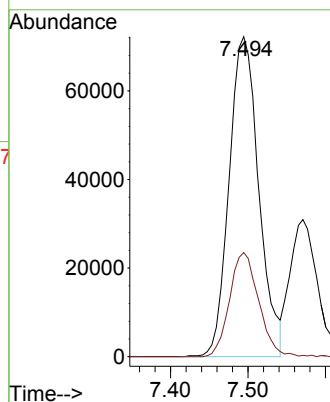
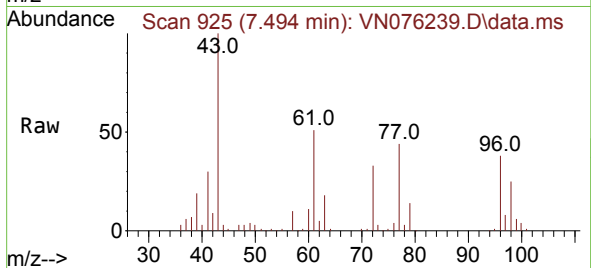
VN0113WBS01

Tgt Ion: 43 Resp: 192709

Ion Ratio Lower Upper

43 100

72 32.6 28.0 42.0



#26

2,2-Dichloropropane

Concen: 19.104 ug/l

RT: 7.506 min Scan# 927

Delta R.T. 0.012 min

Lab File: VN076239.D

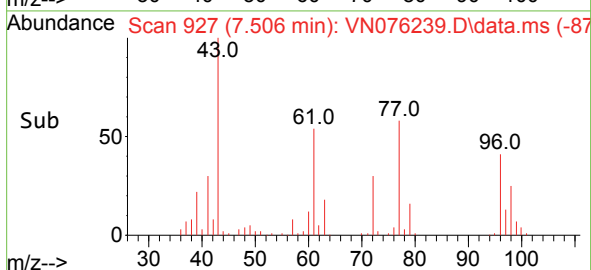
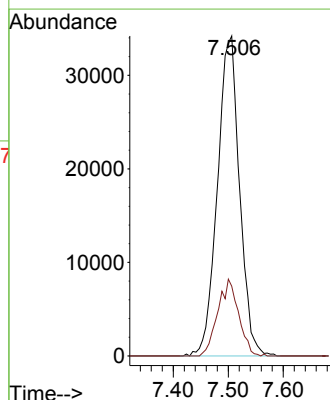
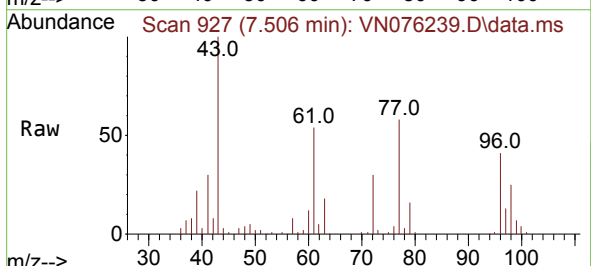
Acq: 13 Jan 2023 11:16

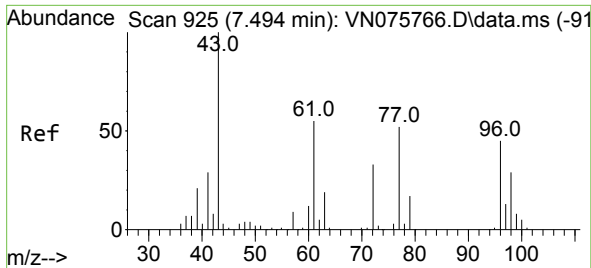
Tgt Ion: 77 Resp: 95587

Ion Ratio Lower Upper

77 100

97 22.6 12.7 38.0





#27

cis-1,2-Dichloroethene

Concen: 18.420 ug/l

RT: 7.500 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBS01

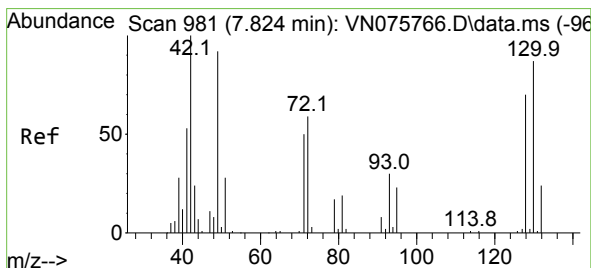
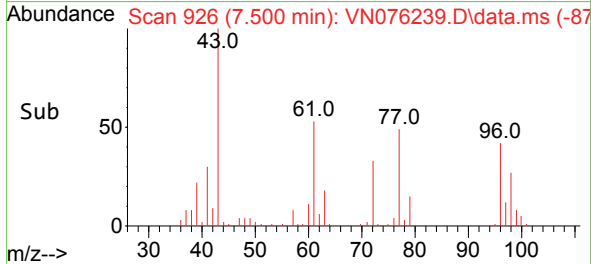
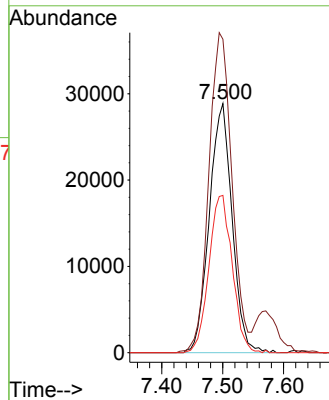
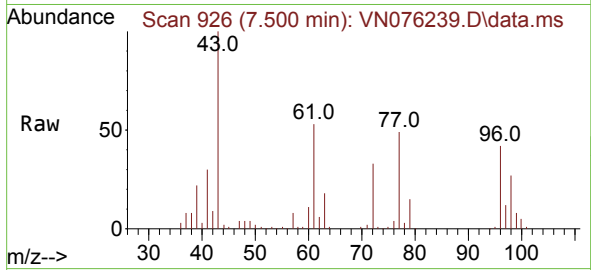
Tgt Ion: 96 Resp: 75266

Ion Ratio Lower Upper

96 100

61 130.7 0.0 247.8

98 64.3 0.0 128.4



#28

Bromochloromethane

Concen: 17.399 ug/l

RT: 7.818 min Scan# 980

Delta R.T. -0.006 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

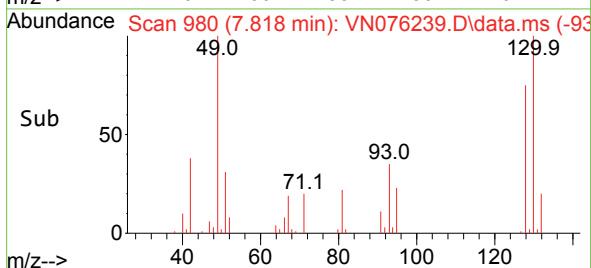
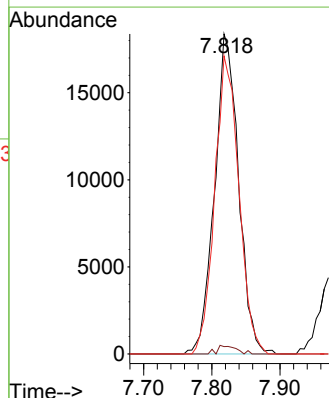
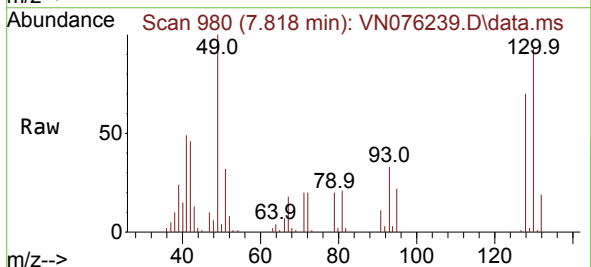
Tgt Ion: 49 Resp: 45057

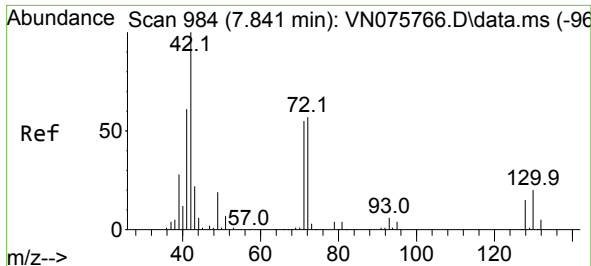
Ion Ratio Lower Upper

49 100

129 2.1 0.0 5.0

130 93.6 77.0 115.4





#29

Tetrahydrofuran

Concen: 105.583 ug/l

RT: 7.847 min Scan# 984

Delta R.T. 0.006 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBS01

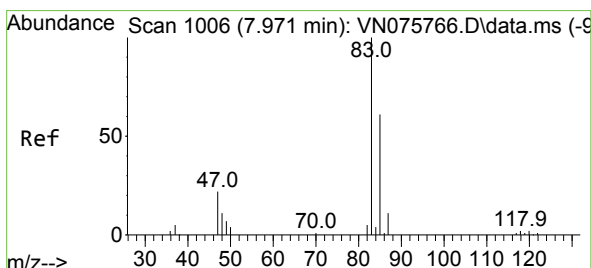
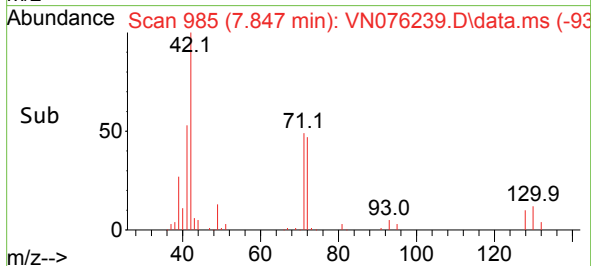
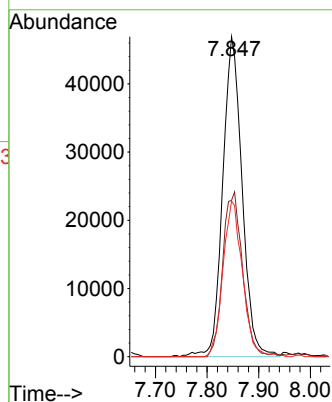
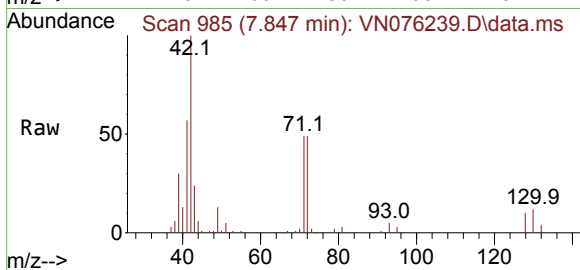
Tgt Ion: 42 Resp: 122295

Ion Ratio Lower Upper

42 100

72 52.2 44.5 66.7

71 48.9 41.0 61.6



#30

Chloroform

Concen: 18.703 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VN076239.D

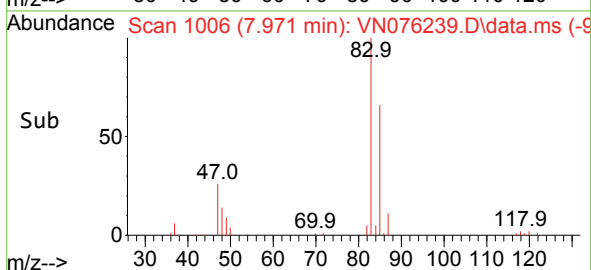
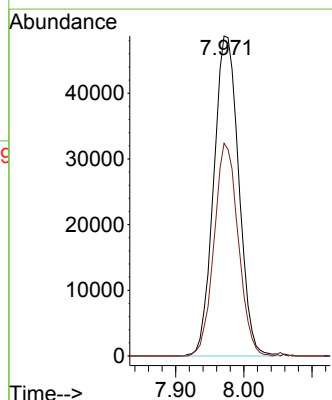
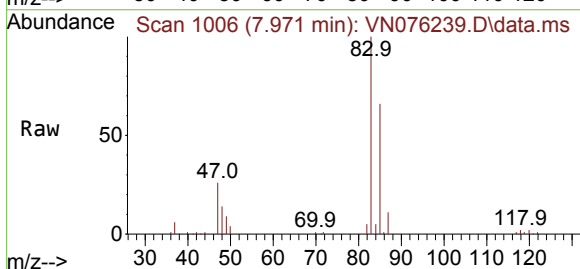
Acq: 13 Jan 2023 11:16

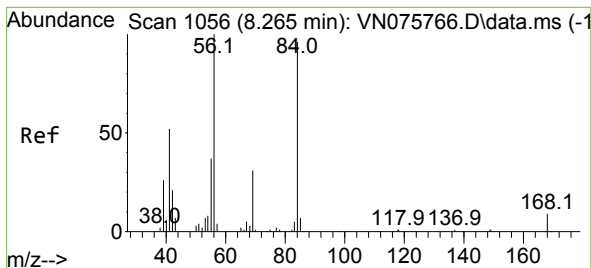
Tgt Ion: 83 Resp: 124416

Ion Ratio Lower Upper

83 100

85 66.5 49.1 73.7





#31

Cyclohexane

Concen: 17.629 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBS01

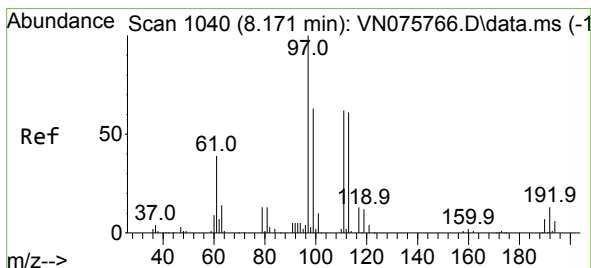
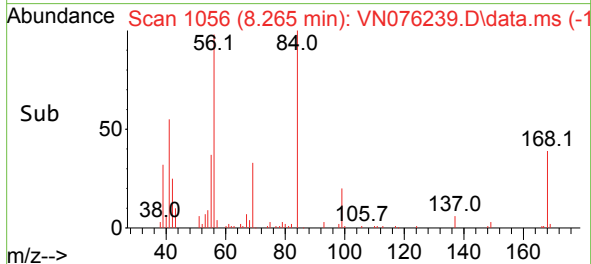
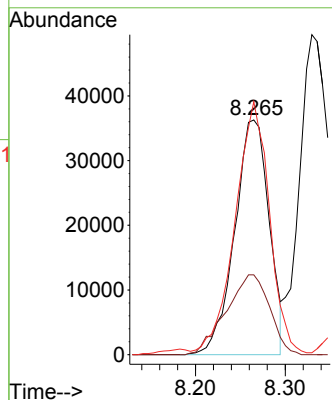
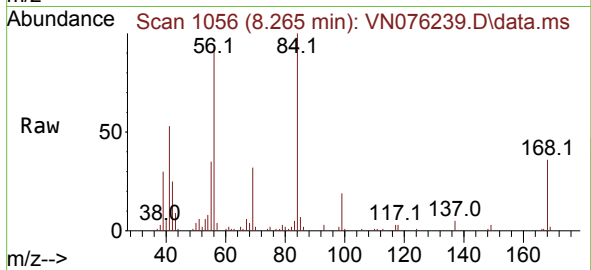
Tgt Ion: 56 Resp: 96682

Ion Ratio Lower Upper

56 100

69 34.0 24.7 37.1

84 105.4 76.5 114.7



#32

1,1,1-Trichloroethane

Concen: 19.186 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

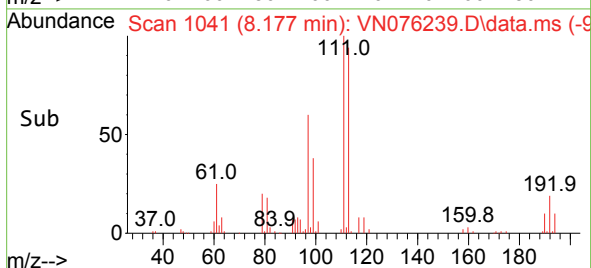
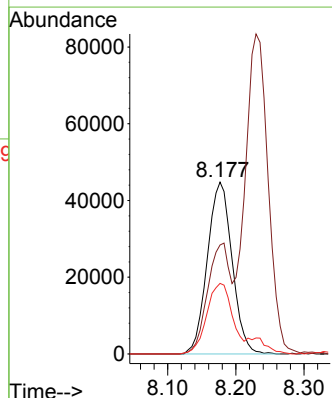
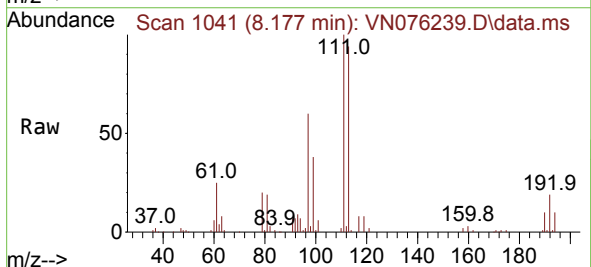
Tgt Ion: 97 Resp: 113153

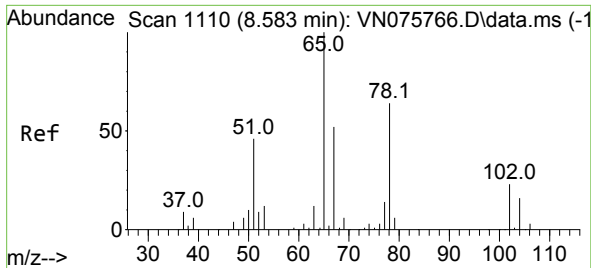
Ion Ratio Lower Upper

97 100

99 58.6 50.2 75.2

61 42.5 34.5 51.7

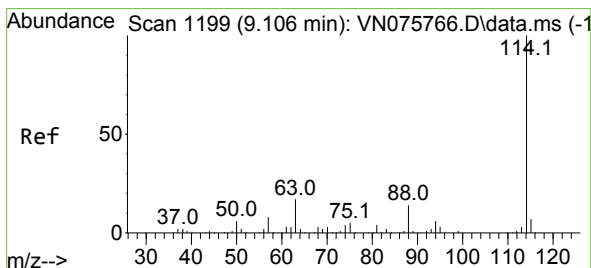
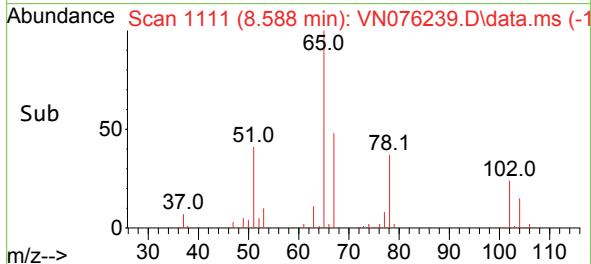
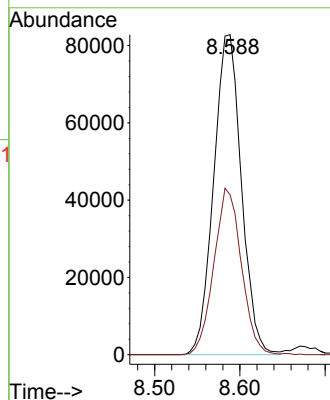
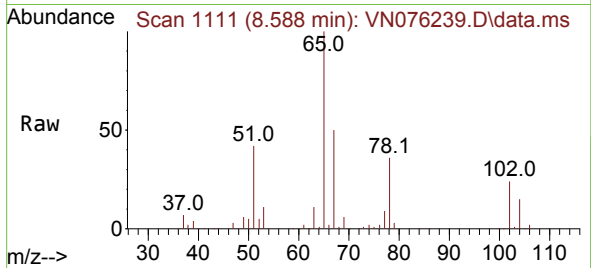




#33
 1,2-Dichloroethane-d4
 Concen: 48.907 ug/l
 RT: 8.588 min Scan# 1111
 Delta R.T. 0.006 min
 Lab File: VN076239.D
 Acq: 13 Jan 2023 11:16

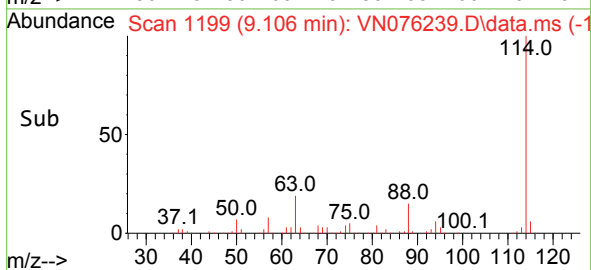
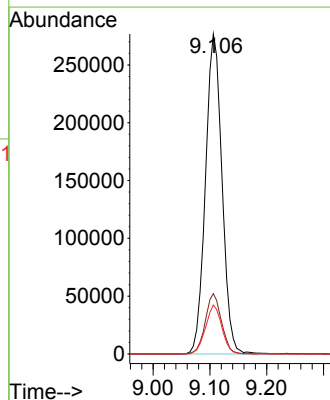
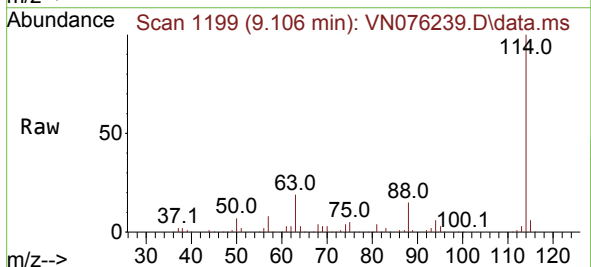
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113WBS01

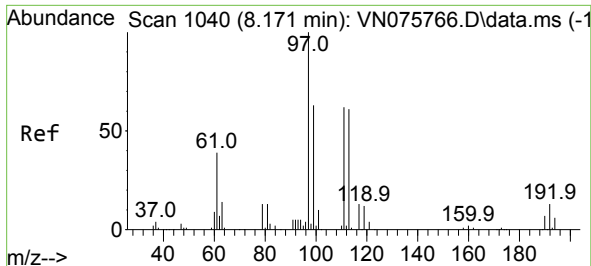
Tgt Ion: 65 Resp: 187282
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. 0.000 min
 Lab File: VN076239.D
 Acq: 13 Jan 2023 11:16

Tgt Ion: 114 Resp: 558553
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 34.4
 88 15.3 0.0 28.8

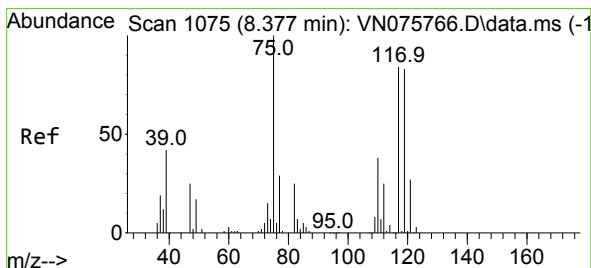
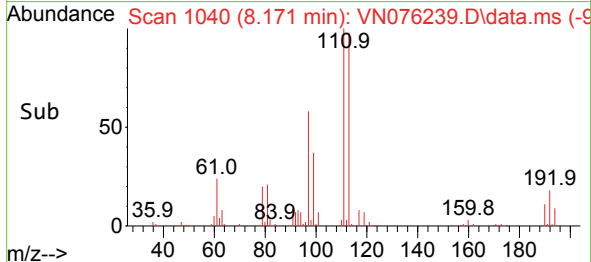
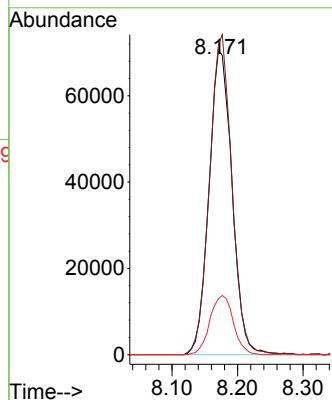
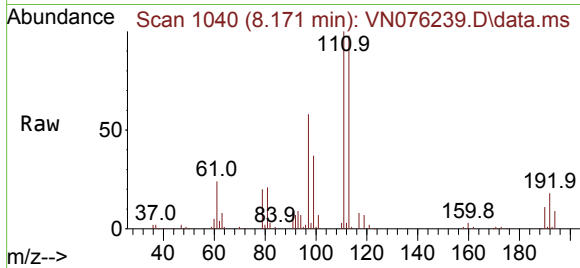




#35
Dibromofluoromethane
Concen: 49.781 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

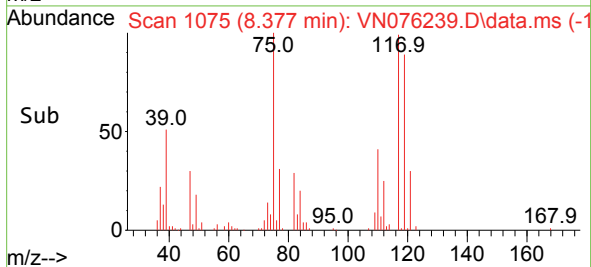
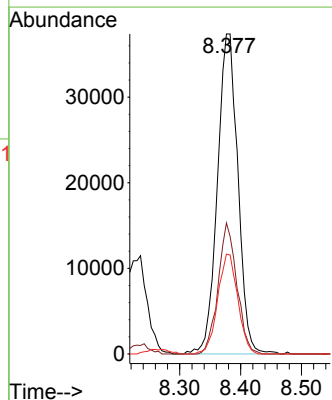
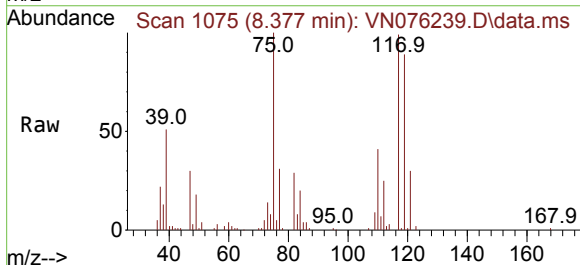
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

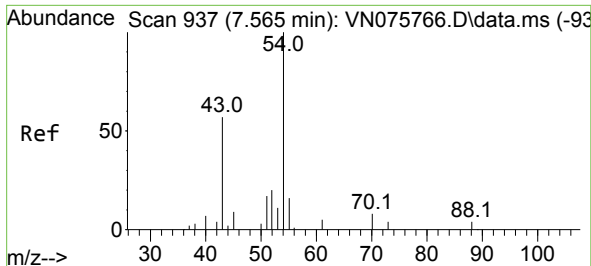
Tgt Ion:113 Resp: 172194
Ion Ratio Lower Upper
113 100
111 102.3 83.4 125.2
192 19.8 16.1 24.1



#36
1,1-Dichloropropene
Concen: 19.017 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion: 75 Resp: 87381
Ion Ratio Lower Upper
75 100
110 37.4 18.8 56.4
77 30.4 24.1 36.1

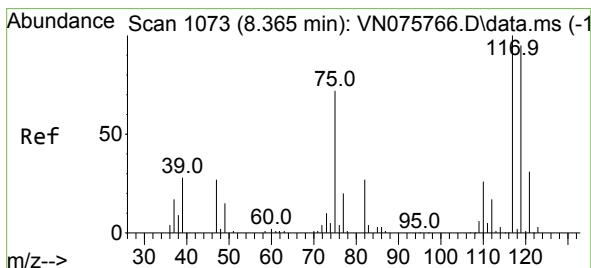
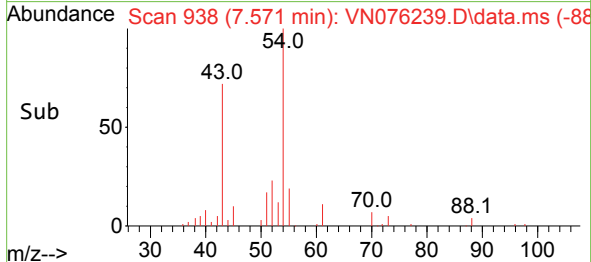
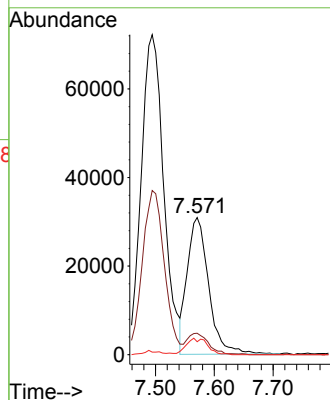
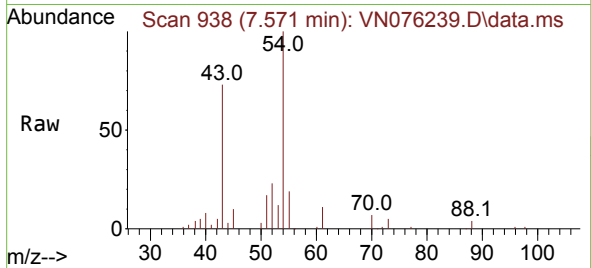




#37
Ethyl Acetate
Concen: 21.176 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

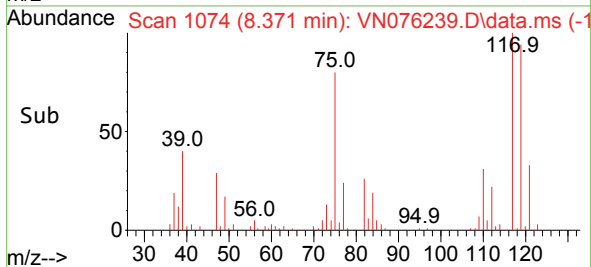
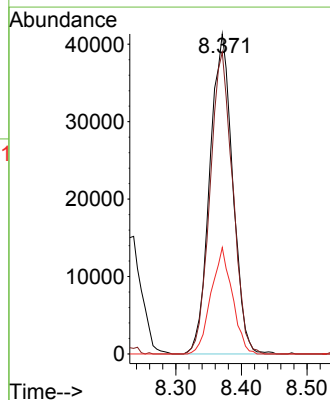
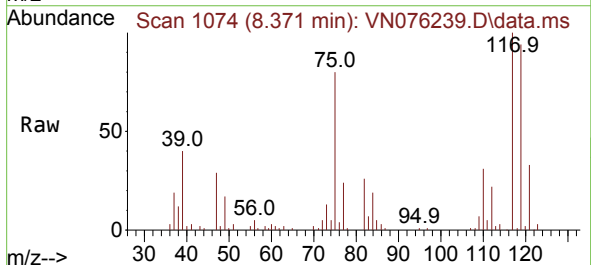
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

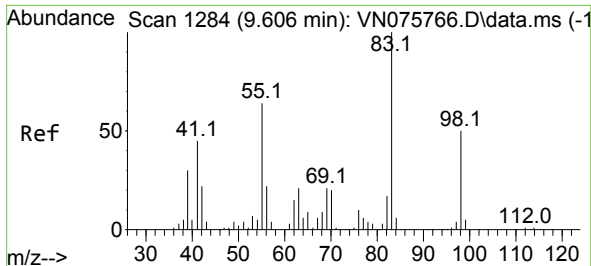
Tgt Ion: 43 Resp: 78159
Ion Ratio Lower Upper
43 100
61 15.5 13.0 19.4
70 11.9 9.4 14.0



#38
Carbon Tetrachloride
Concen: 19.468 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion: 117 Resp: 100122
Ion Ratio Lower Upper
117 100
119 94.3 76.1 114.1
121 33.2 24.5 36.7

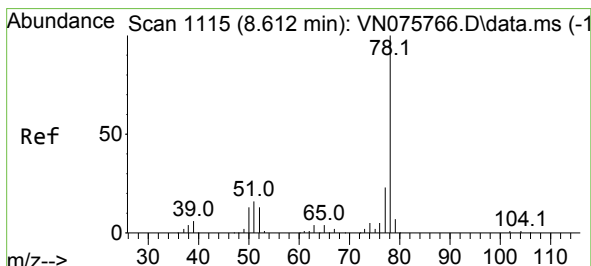
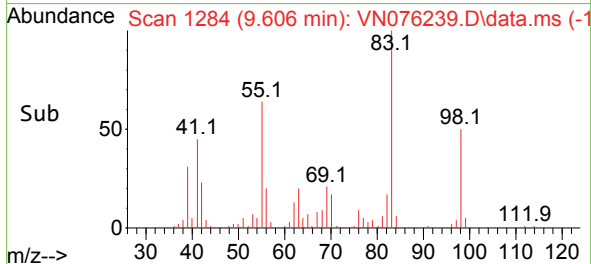
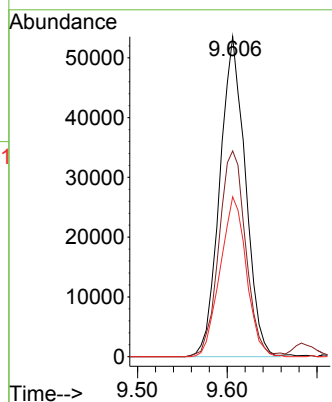
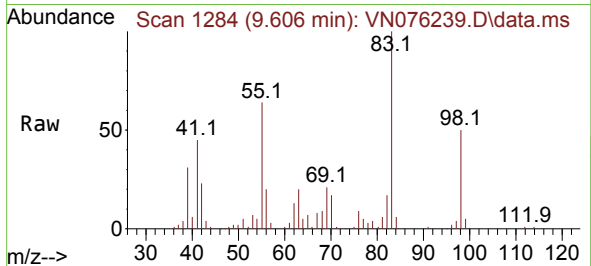




#39
Methylcyclohexane
Concen: 19.122 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

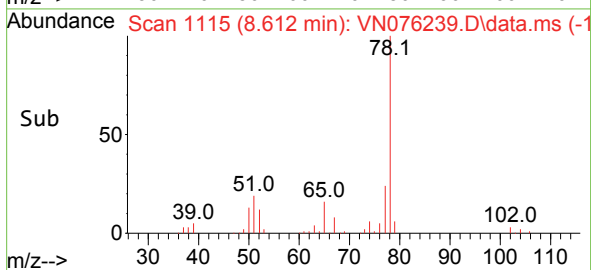
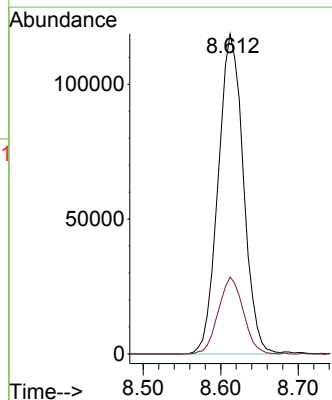
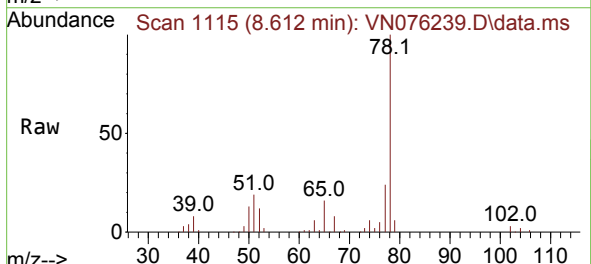
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

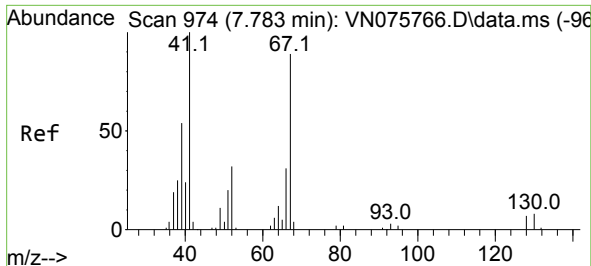
Tgt Ion: 83 Resp: 106004
Ion Ratio Lower Upper
83 100
55 64.3 51.4 77.0
98 50.0 39.8 59.8



#40
Benzene
Concen: 18.868 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion: 78 Resp: 267496
Ion Ratio Lower Upper
78 100
77 24.1 18.5 27.7

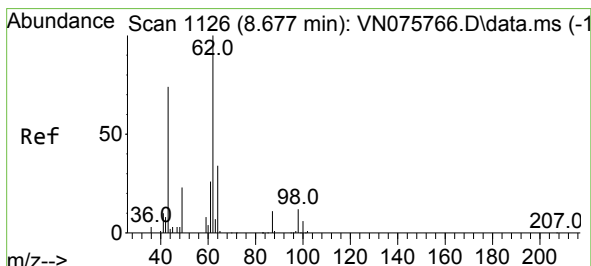
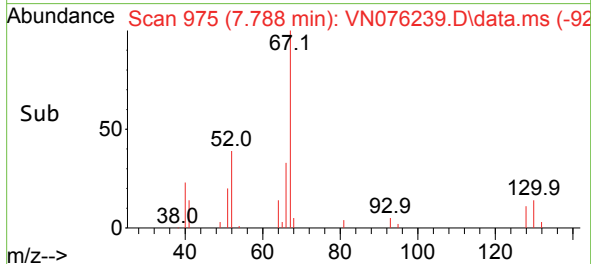
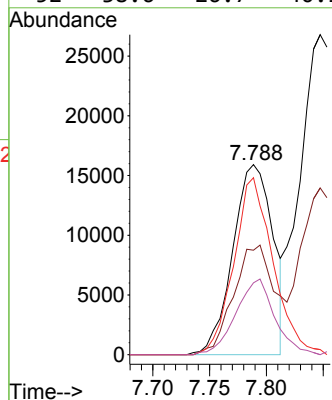
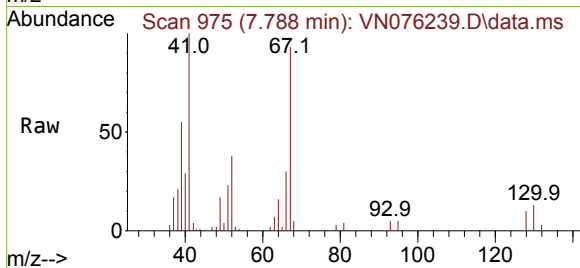




#41
Methacrylonitrile
Concen: 20.324 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

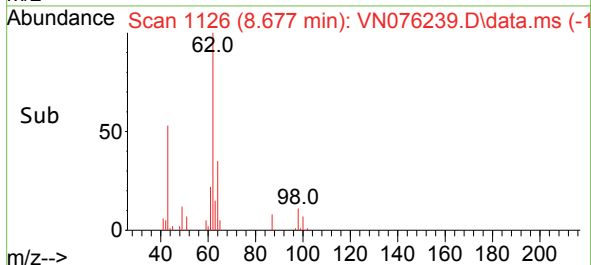
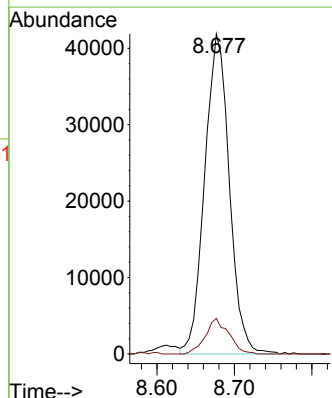
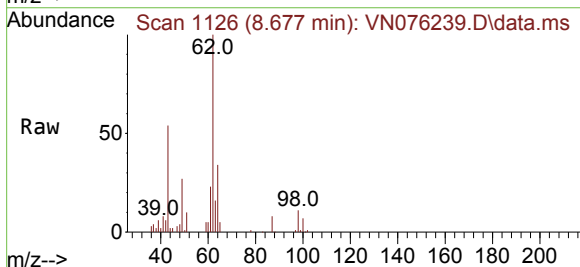
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

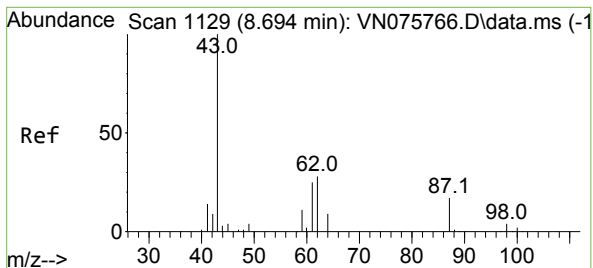
Tgt Ion:	41	Resp:	38992
Ion	Ratio	Lower	Upper
41	100		
39	60.8	43.1	64.7
67	91.3	70.7	106.1
52	38.6	26.7	40.1



#42
1,2-Dichloroethane
Concen: 19.652 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion:	62	Resp:	92623
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.8





#43

Isopropyl Acetate

Concen: 20.437 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBS01

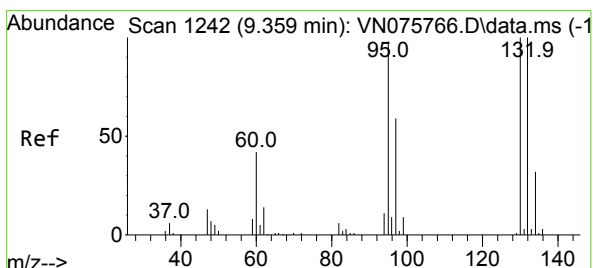
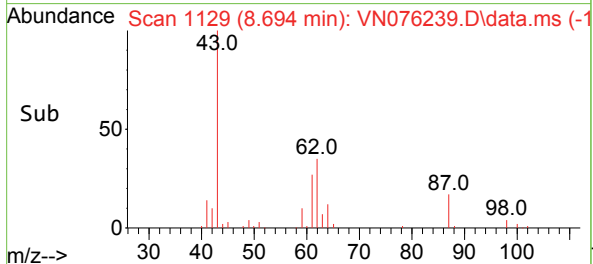
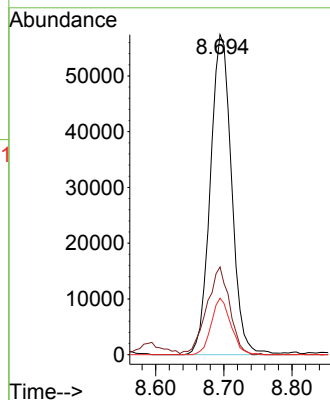
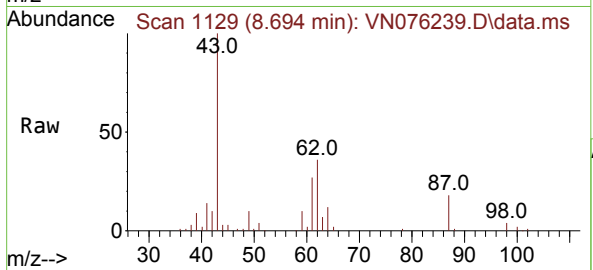
Tgt Ion: 43 Resp: 124427

Ion Ratio Lower Upper

43 100

61 29.6 24.2 36.4

87 16.3 13.3 19.9



#44

Trichloroethene

Concen: 18.285 ug/l

RT: 9.359 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VN076239.D

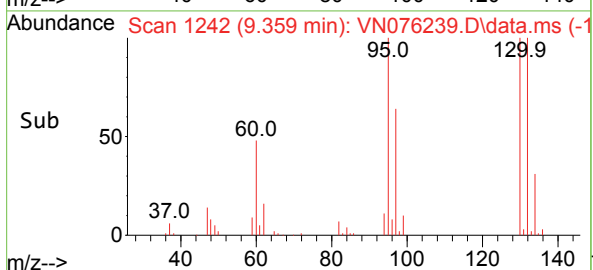
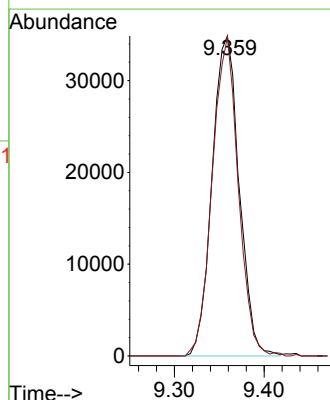
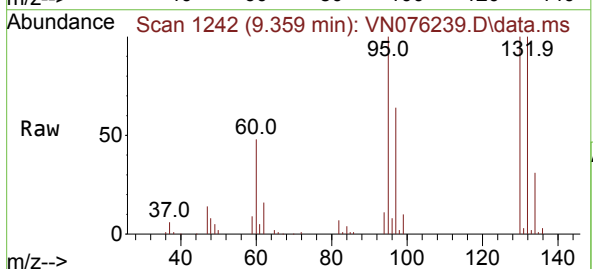
Acq: 13 Jan 2023 11:16

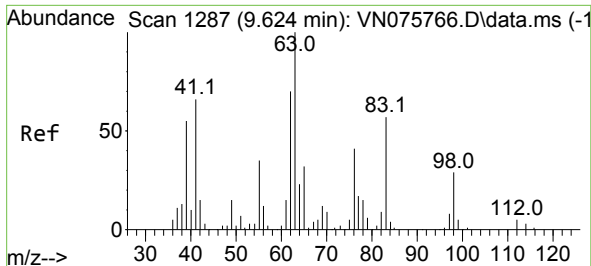
Tgt Ion:130 Resp: 73029

Ion Ratio Lower Upper

130 100

95 99.7 0.0 195.4

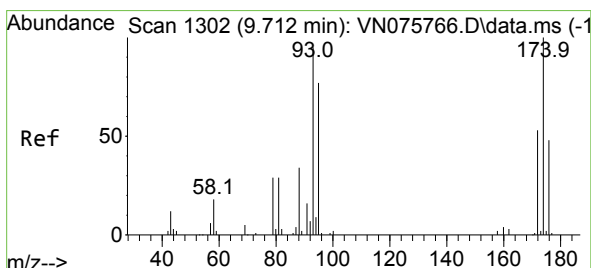
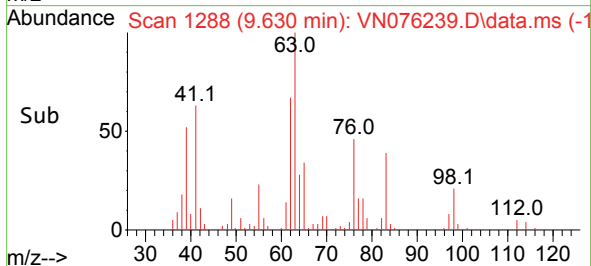
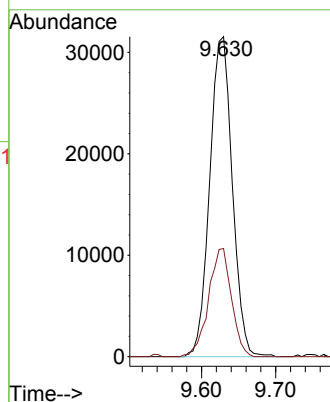
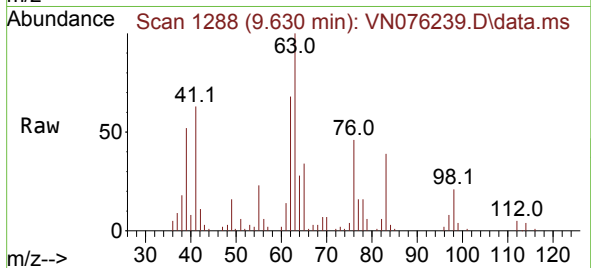




#45
1,2-Dichloropropane
Concen: 19.366 ug/l
RT: 9.630 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

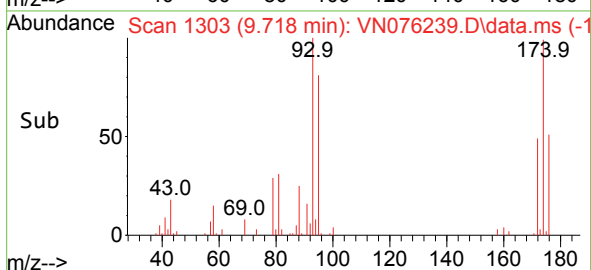
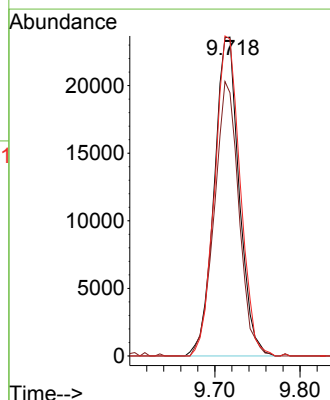
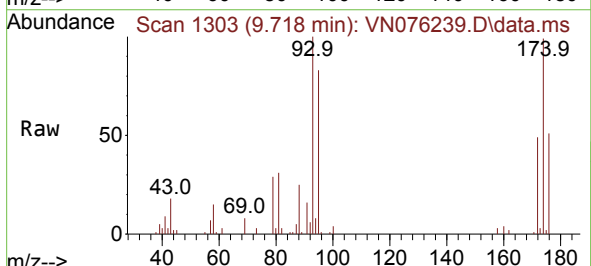
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

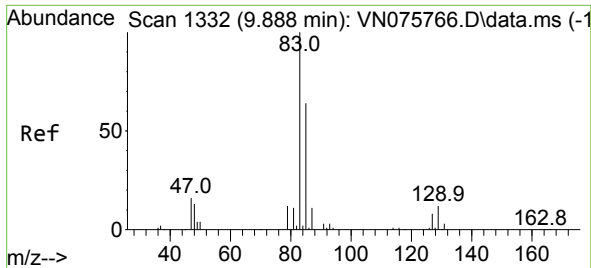
Tgt Ion: 63 Resp: 66810
Ion Ratio Lower Upper
63 100
65 33.8 25.7 38.5



#46
Dibromomethane
Concen: 18.737 ug/l
RT: 9.718 min Scan# 1303
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion: 93 Resp: 47945
Ion Ratio Lower Upper
93 100
95 84.8 65.2 97.8
174 102.4 82.4 123.6

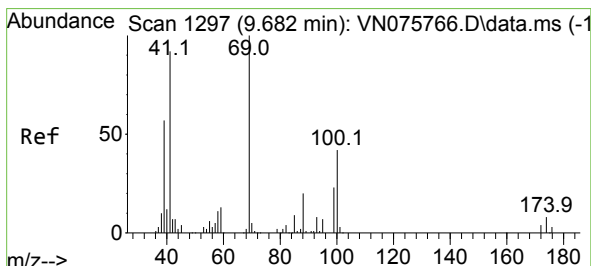
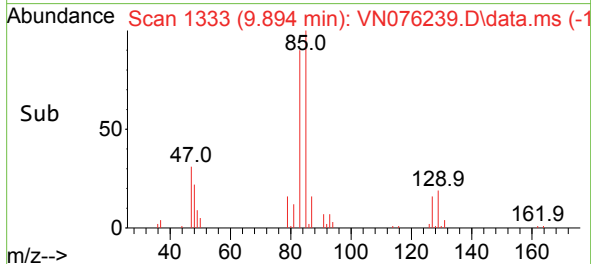
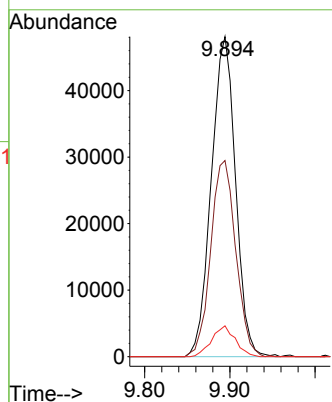
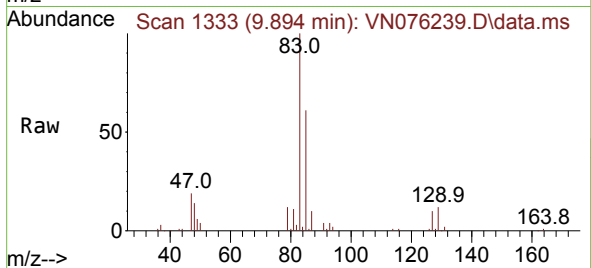




#47
Bromodichloromethane
Concen: 18.900 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

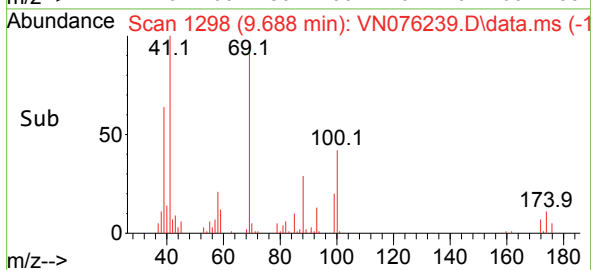
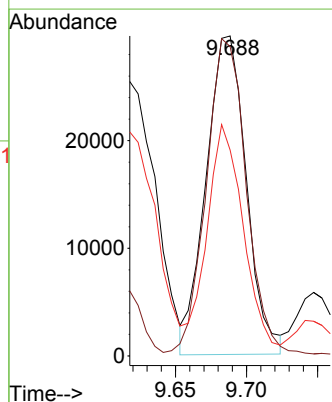
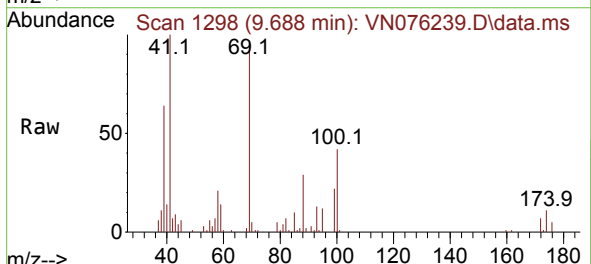
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

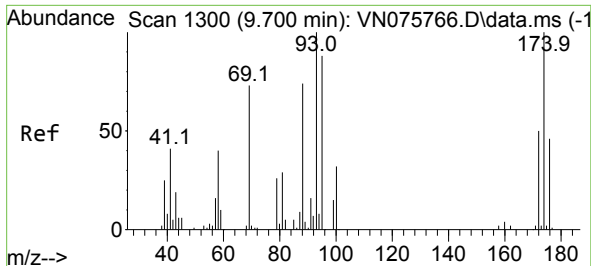
Tgt Ion: 83 Resp: 94838
Ion Ratio Lower Upper
83 100
85 61.3 51.5 77.3
127 9.7 6.6 10.0



#48
Methyl methacrylate
Concen: 21.271 ug/l
RT: 9.688 min Scan# 1298
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion: 41 Resp: 58330
Ion Ratio Lower Upper
41 100
69 100.3 81.9 122.9
39 67.5 51.6 77.4





#49

1,4-Dioxane

Concen: 384.190 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBS01

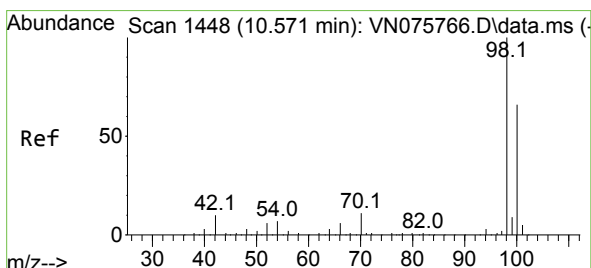
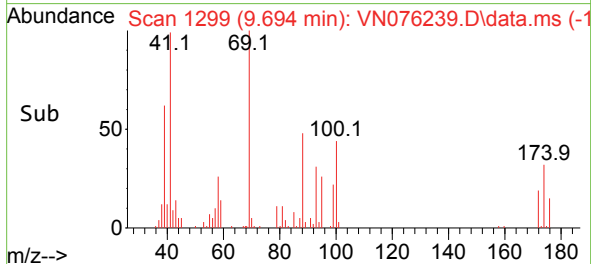
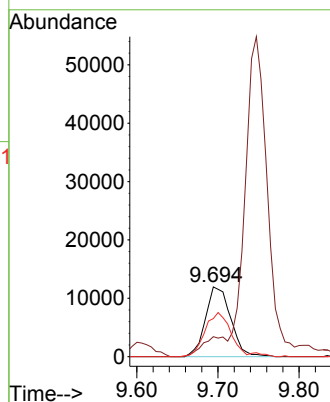
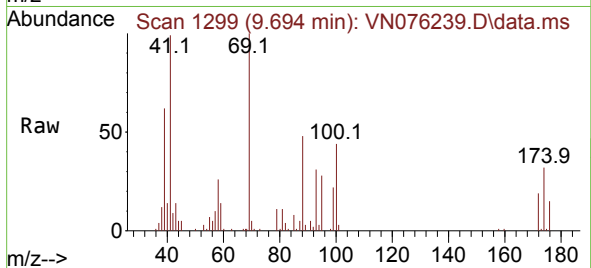
Tgt Ion: 88 Resp: 25900

Ion Ratio Lower Upper

88 100

43 0.0 17.1 25.7#

58 64.4 47.8 71.8



#50

Toluene-d8

Concen: 46.985 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076239.D

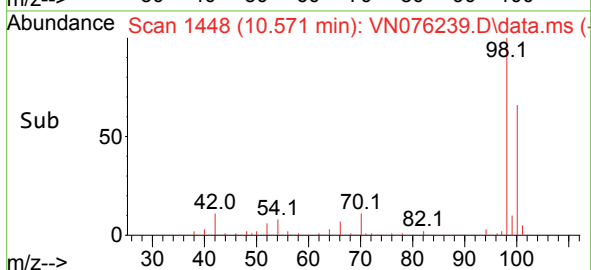
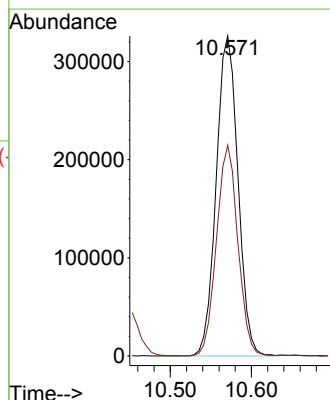
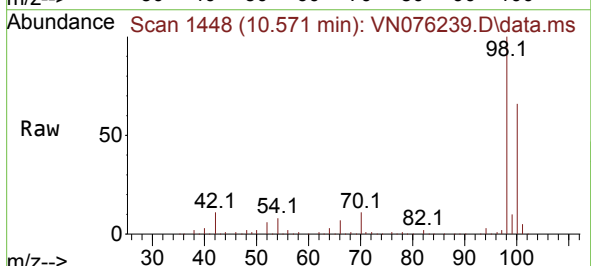
Acq: 13 Jan 2023 11:16

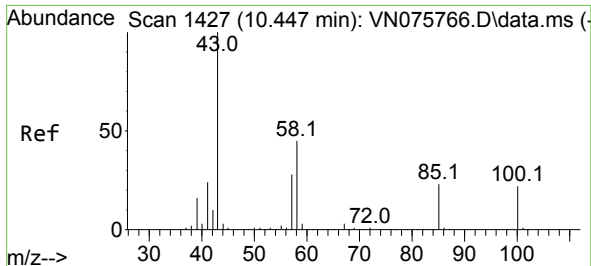
Tgt Ion: 98 Resp: 607651

Ion Ratio Lower Upper

98 100

100 64.4 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 105.697 ug/l

RT: 10.447 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

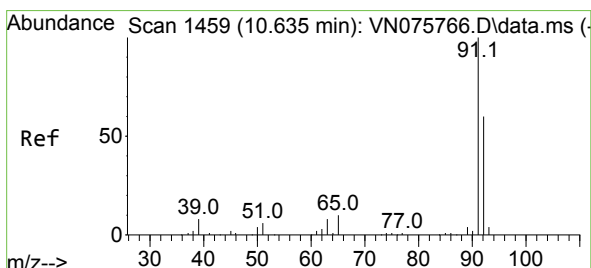
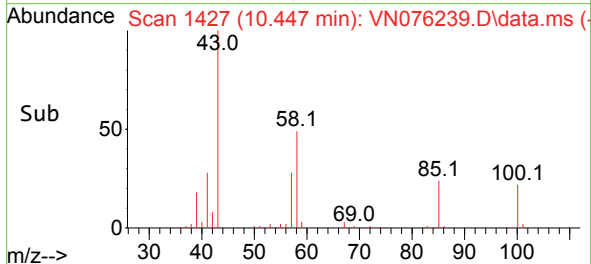
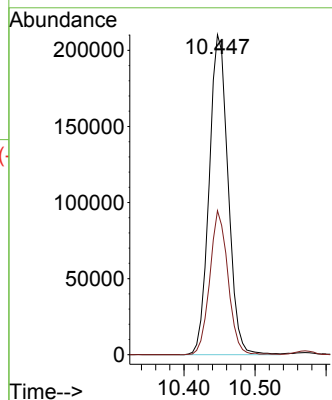
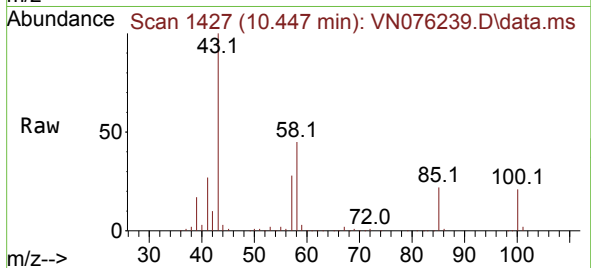
VN0113WBS01

Tgt Ion: 43 Resp: 389179

Ion Ratio Lower Upper

43 100

58 43.3 35.5 53.3



#52

Toluene

Concen: 19.298 ug/l

RT: 10.635 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VN076239.D

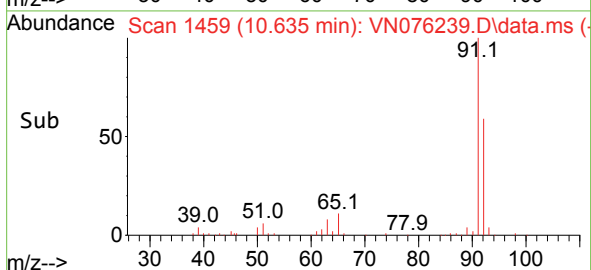
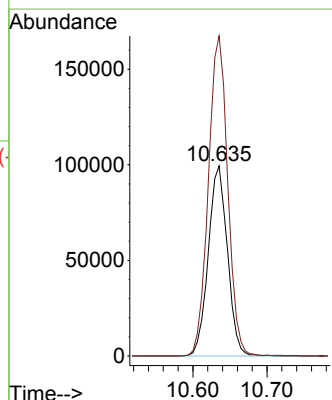
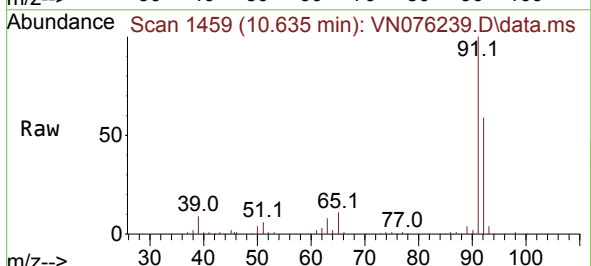
Acq: 13 Jan 2023 11:16

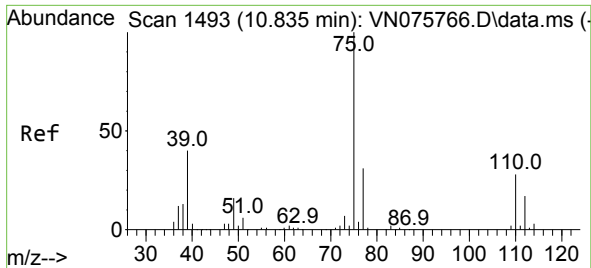
Tgt Ion: 92 Resp: 178179

Ion Ratio Lower Upper

92 100

91 170.7 137.3 205.9

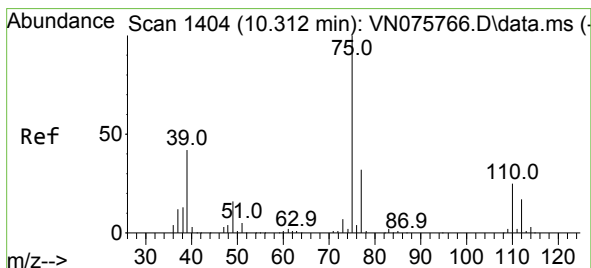
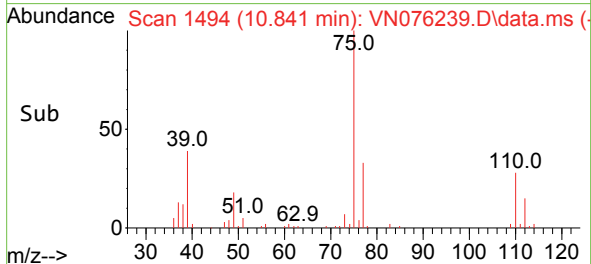
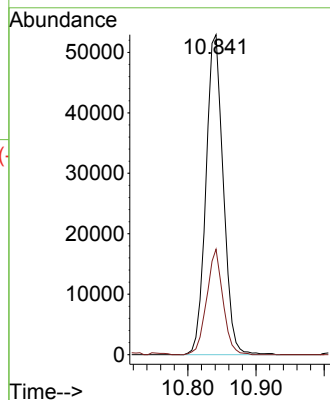
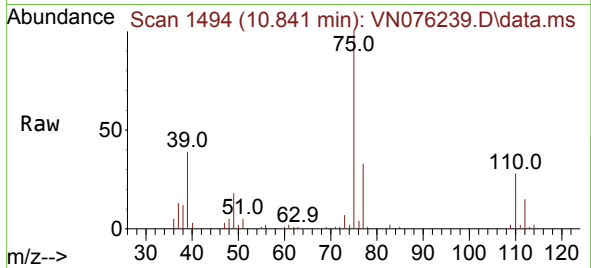




#53
 t-1,3-Dichloropropene
 Concen: 19.063 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN076239.D
 Acq: 13 Jan 2023 11:16

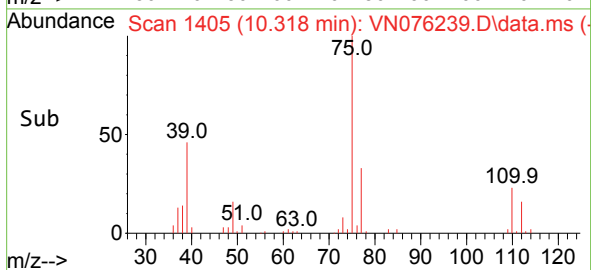
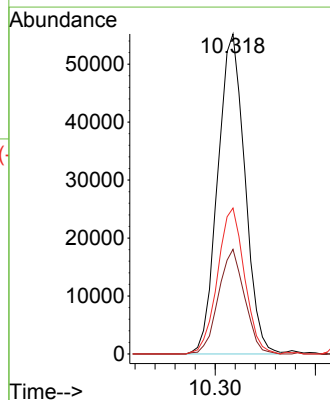
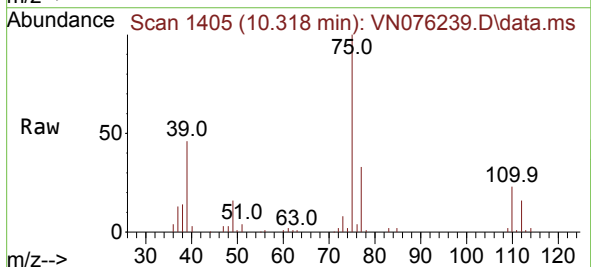
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113WBS01

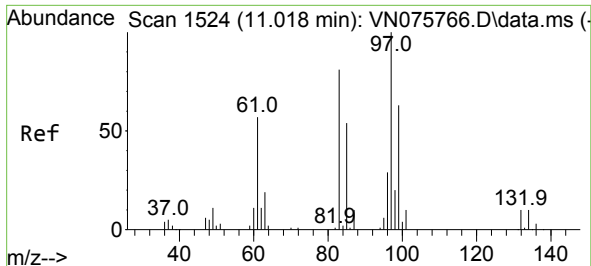
Tgt Ion: 75 Resp: 93637
 Ion Ratio Lower Upper
 75 100
 77 32.9 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 19.197 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN076239.D
 Acq: 13 Jan 2023 11:16

Tgt Ion: 75 Resp: 103530
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.8 38.8
 39 45.6 33.4 50.2

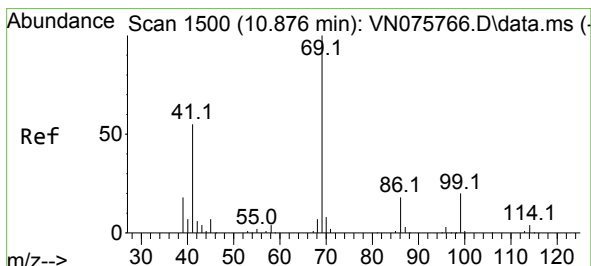
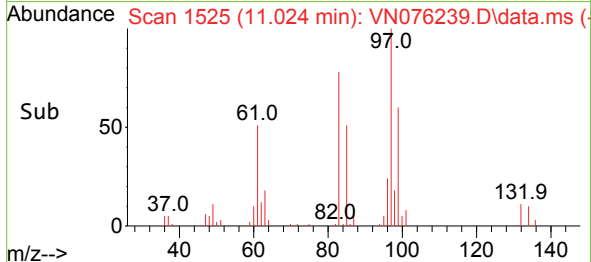
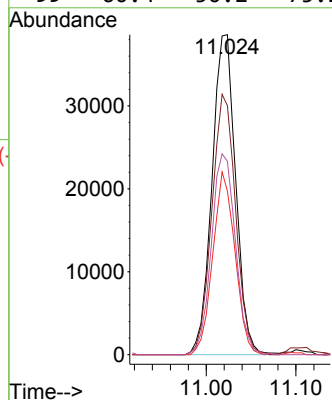
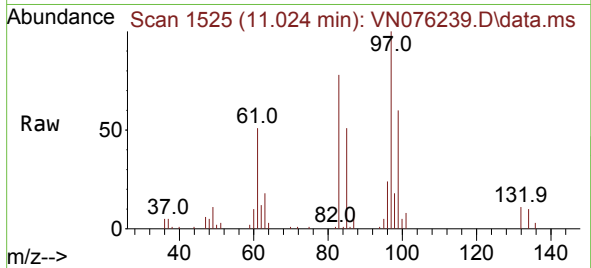




#55
1,1,2-Trichloroethane
Concen: 19.532 ug/l
RT: 11.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

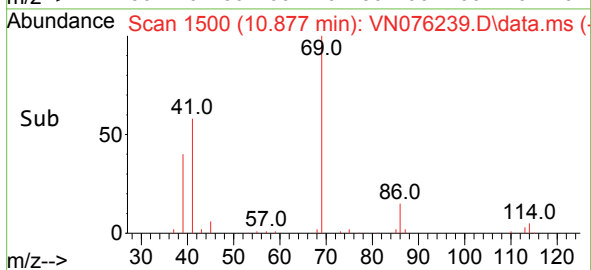
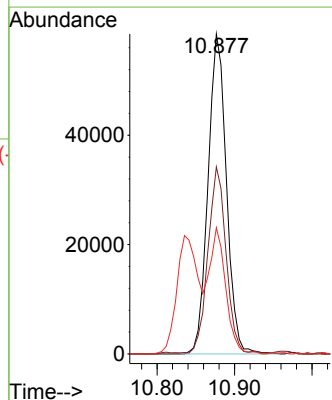
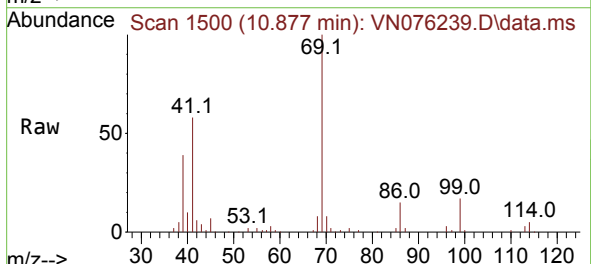
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

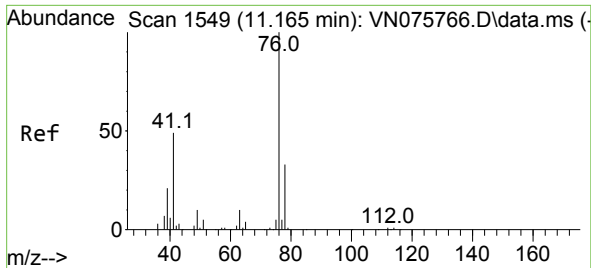
Tgt Ion: 97	Resp: 70786
Ion Ratio	Lower Upper
97 100	
83 77.9	65.0 97.4
85 51.2	43.0 64.6
99 60.4	50.2 75.2



#56
Ethyl methacrylate
Concen: 20.041 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

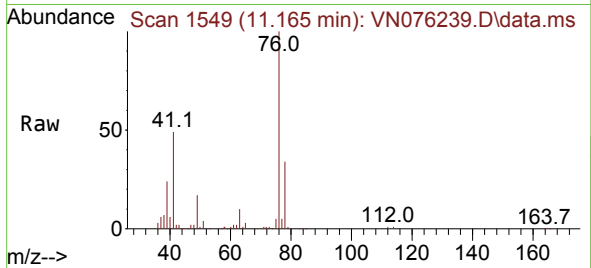
Tgt Ion: 69	Resp: 96471
Ion Ratio	Lower Upper
69 100	
41 57.0	44.2 66.4
39 36.0	26.4 39.6



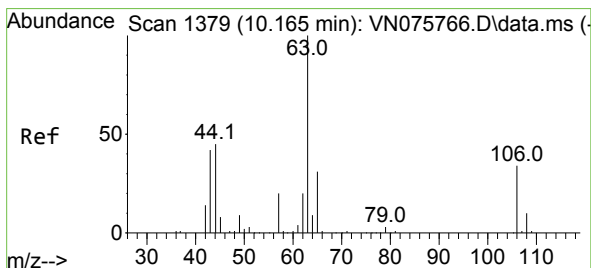
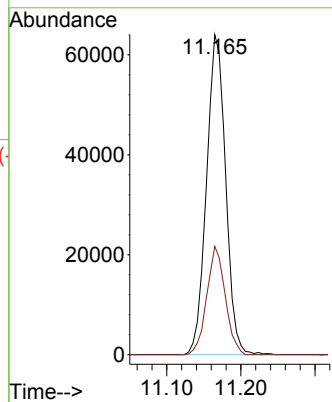
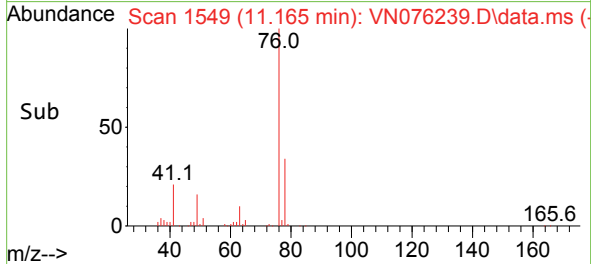


#57
1,3-Dichloropropane
Concen: 19.336 ug/l
RT: 11.165 min Scan# 114946
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

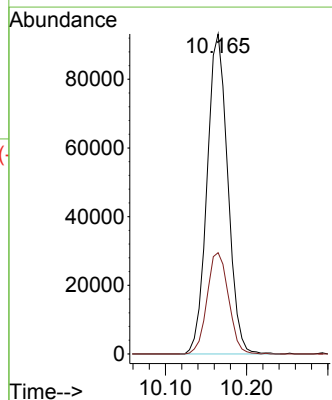
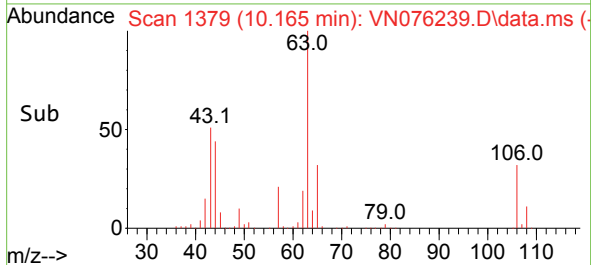
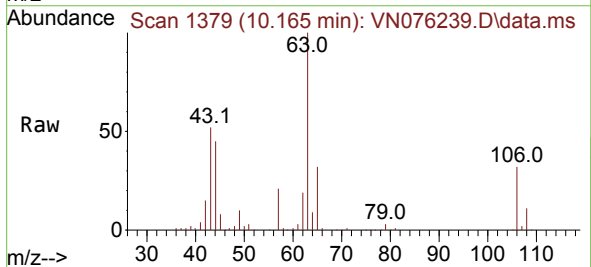


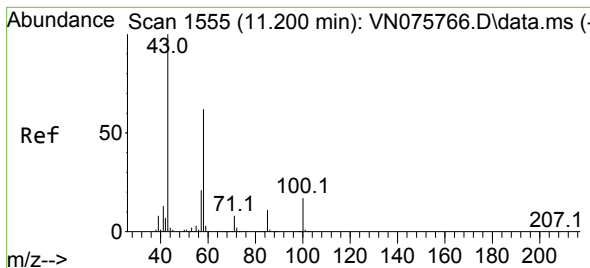
Tgt Ion: 76 Resp: 114946
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 107.499 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion: 63 Resp: 164755
Ion Ratio Lower Upper
63 100
106 32.9 26.4 39.6

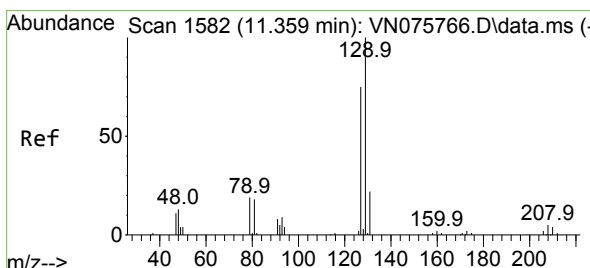
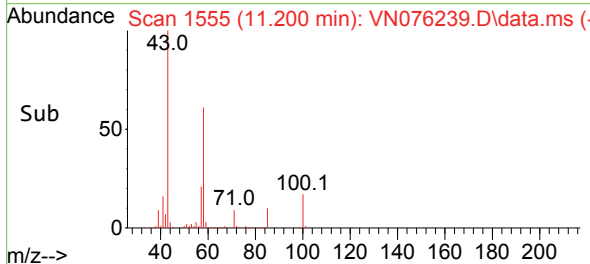
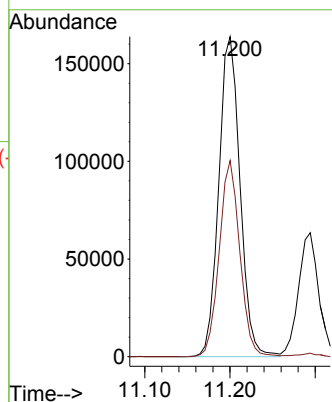
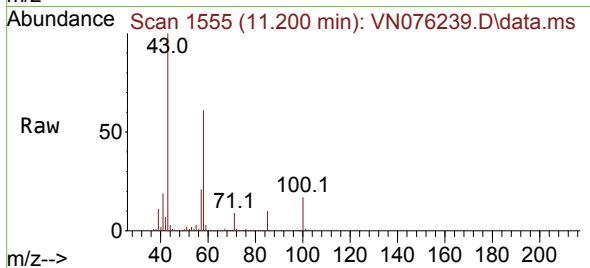




#59
2-Hexanone
Concen: 105.747 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

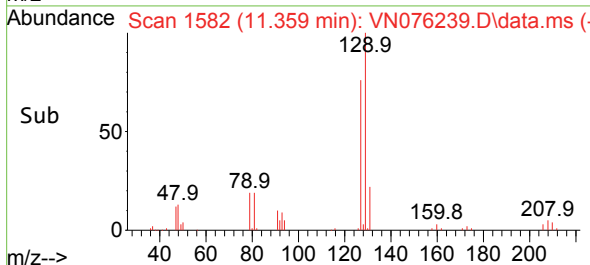
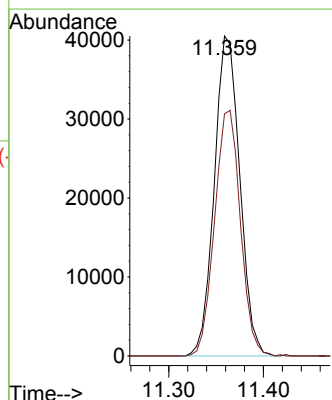
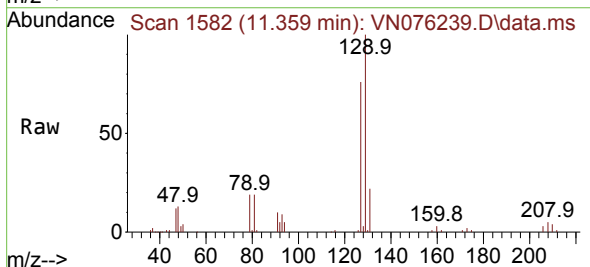
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

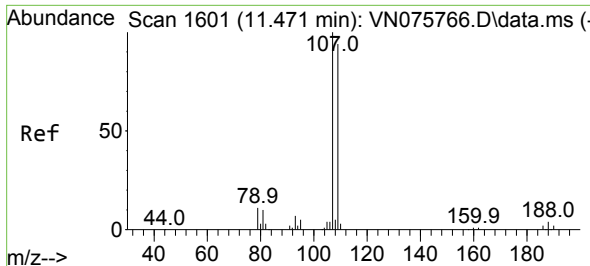
Tgt Ion: 43 Resp: 283951
Ion Ratio Lower Upper
43 100
58 59.4 30.6 92.0



#60
Dibromochloromethane
Concen: 18.840 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion: 129 Resp: 75933
Ion Ratio Lower Upper
129 100
127 77.5 38.3 114.9

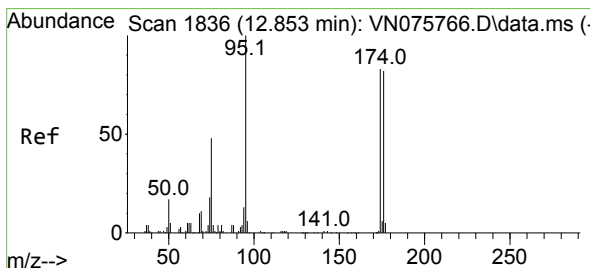
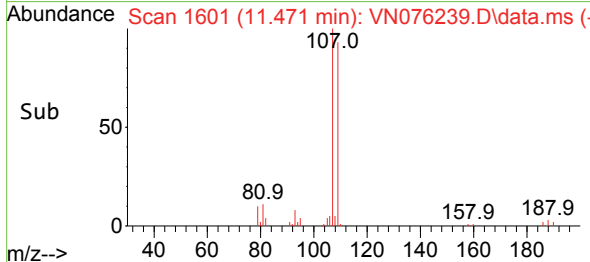
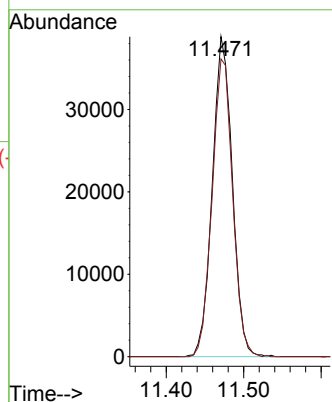
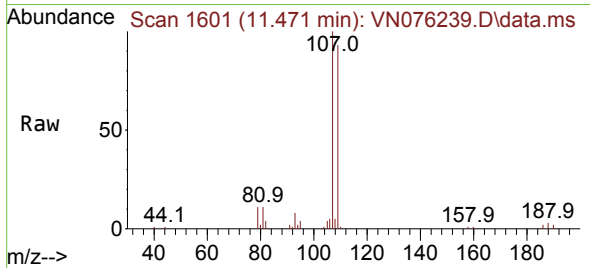




#61
1,2-Dibromoethane
Concen: 18.987 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

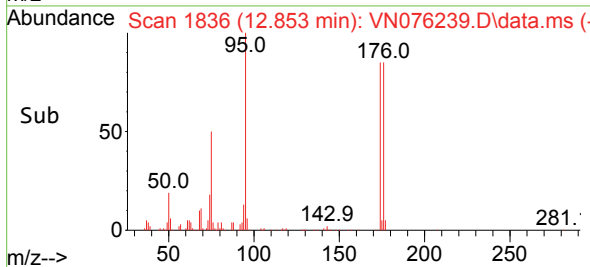
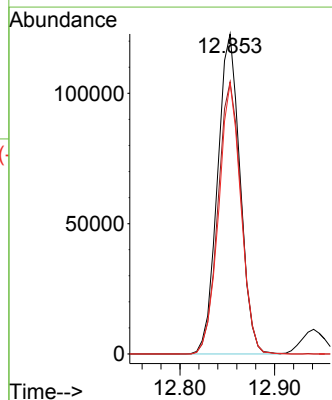
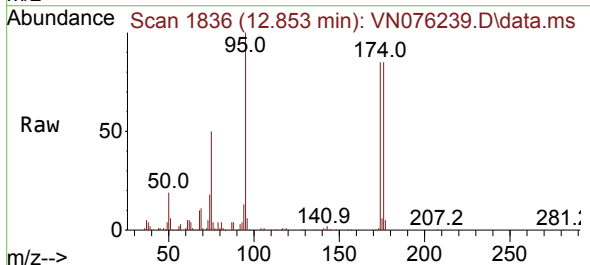
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

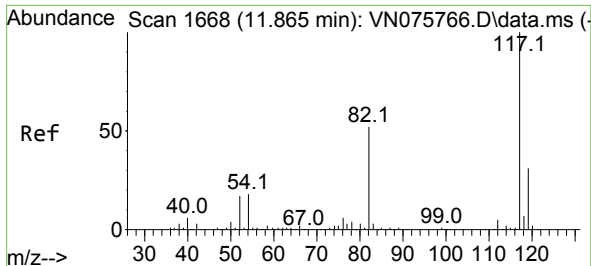
Tgt Ion:107 Resp: 69634
Ion Ratio Lower Upper
107 100
109 95.4 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 47.482 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion: 95 Resp: 203391
Ion Ratio Lower Upper
95 100
174 86.9 0.0 171.6
176 83.4 0.0 169.2

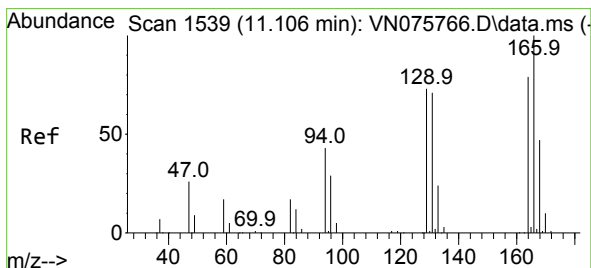
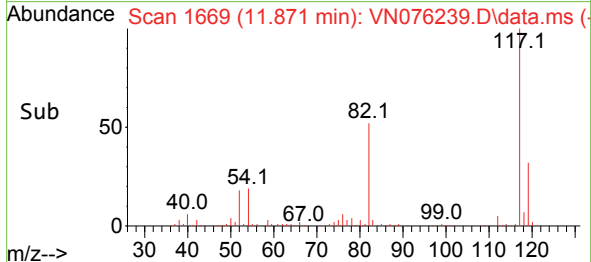
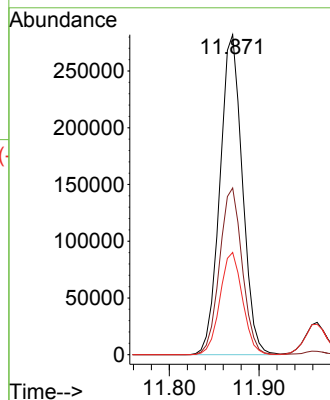
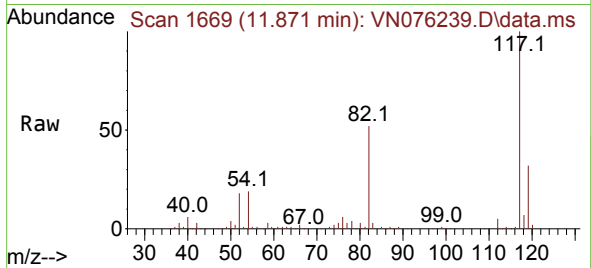




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

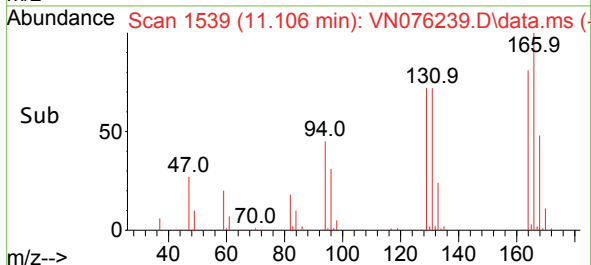
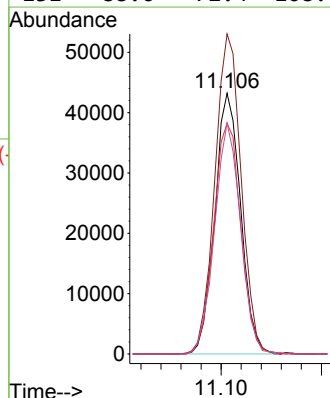
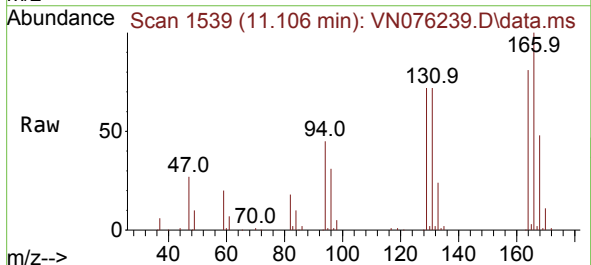
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

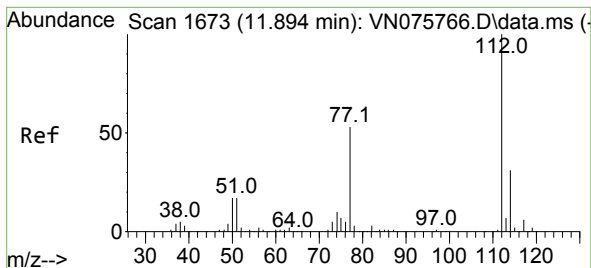
Tgt Ion:117 Resp: 489826
Ion Ratio Lower Upper
117 100
82 52.1 41.3 61.9
119 32.0 24.6 37.0



#64
Tetrachloroethene
Concen: 22.352 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion:164 Resp: 77043
Ion Ratio Lower Upper
164 100
166 122.8 101.9 152.9
129 88.5 74.2 111.2
131 88.6 72.4 108.6

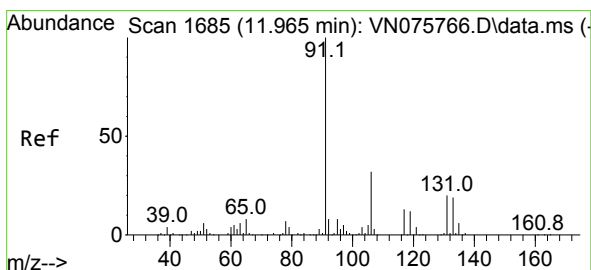
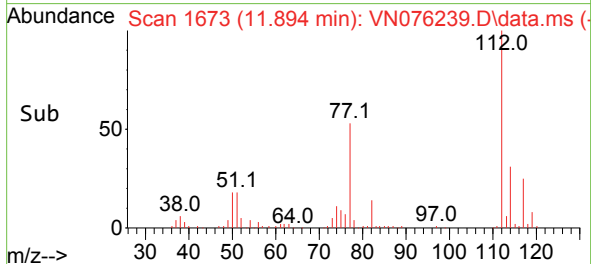
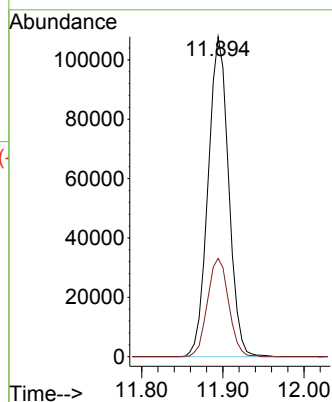
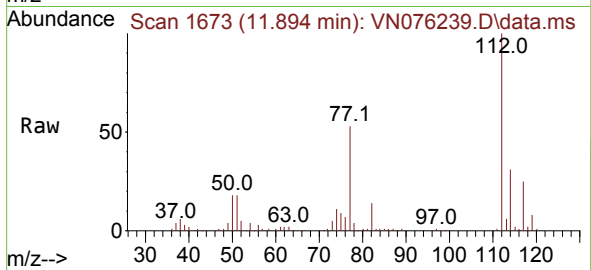




#65
Chlorobenzene
Concen: 18.811 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

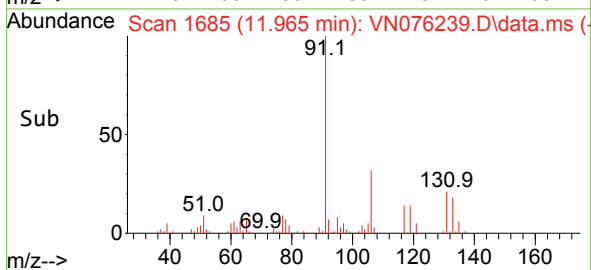
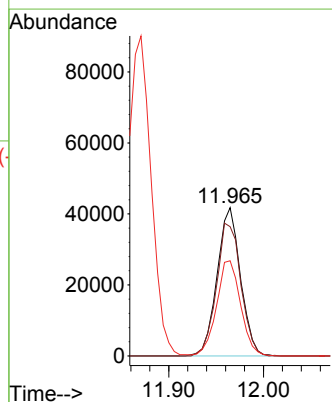
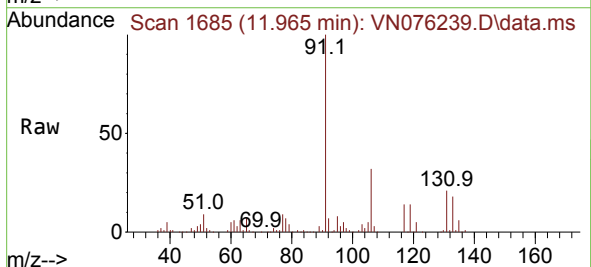
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

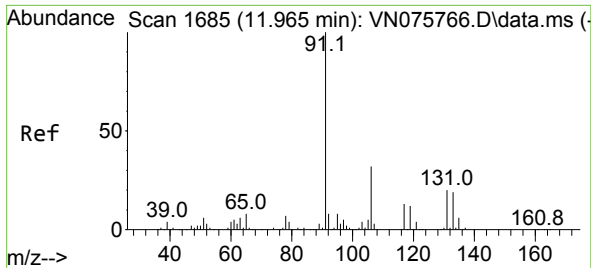
Tgt Ion:112 Resp: 189115
Ion Ratio Lower Upper
112 100
114 30.7 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.225 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion:131 Resp: 71592
Ion Ratio Lower Upper
131 100
133 93.8 47.5 142.5
119 66.2 31.9 95.7

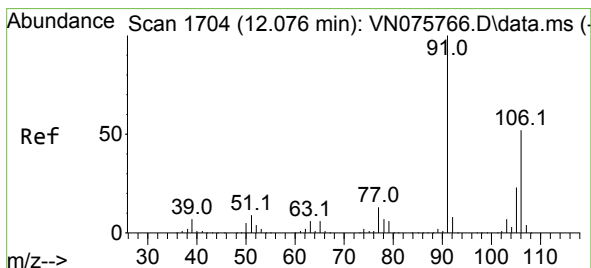
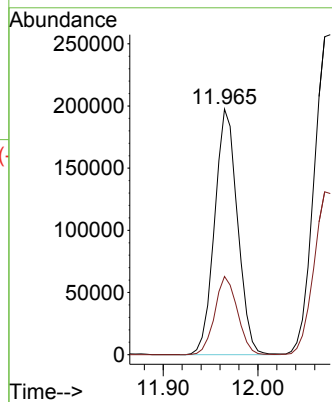
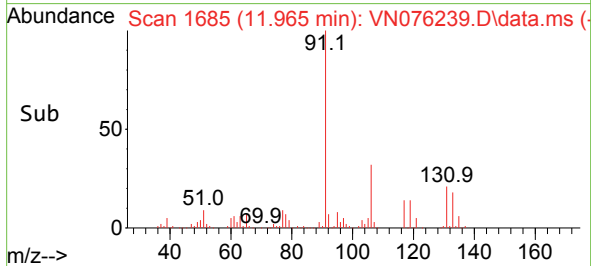
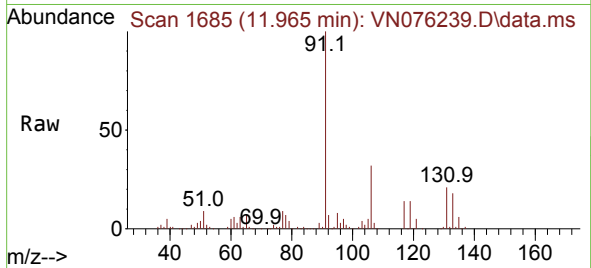




#67
Ethyl Benzene
Concen: 19.563 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

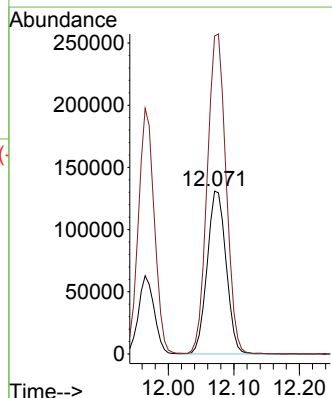
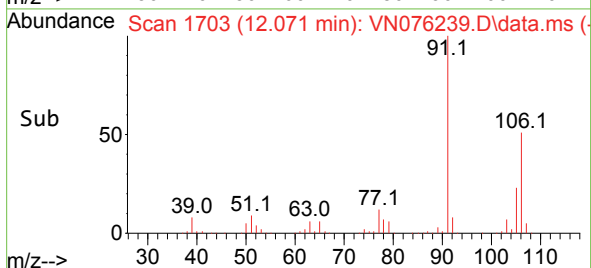
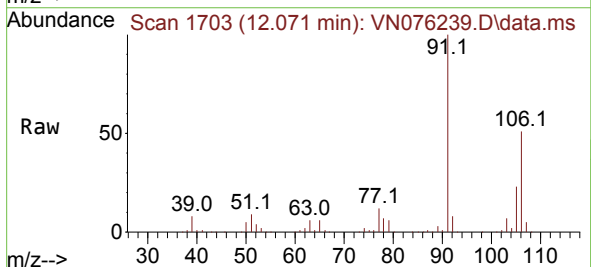
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

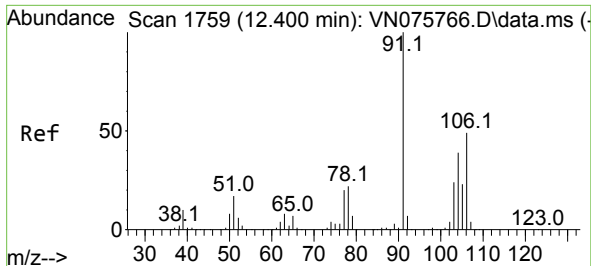
Tgt Ion: 91 Resp: 331940
Ion Ratio Lower Upper
91 100
106 31.9 25.7 38.5



#68
m/p-Xylenes
Concen: 39.179 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion:106 Resp: 263121
Ion Ratio Lower Upper
106 100
91 195.3 156.6 235.0

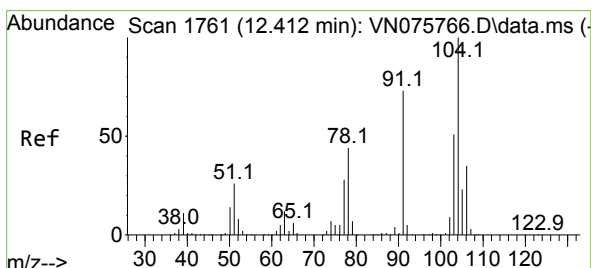
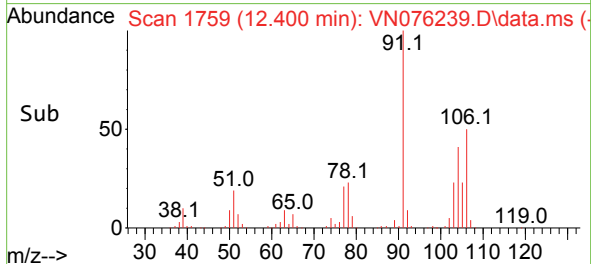
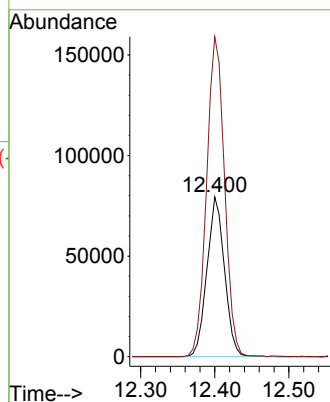
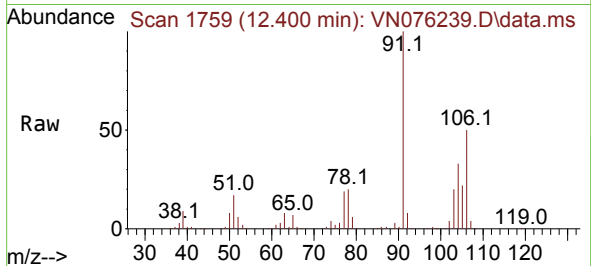




#69
o-Xylene
Concen: 19.636 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

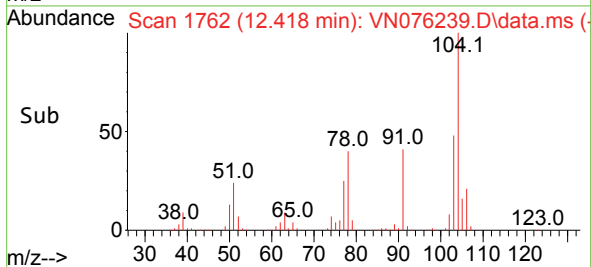
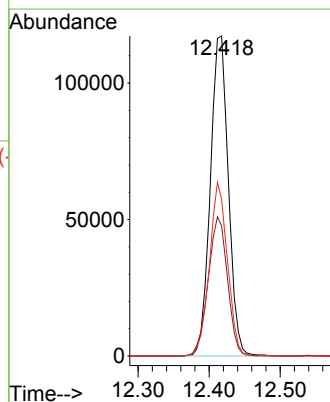
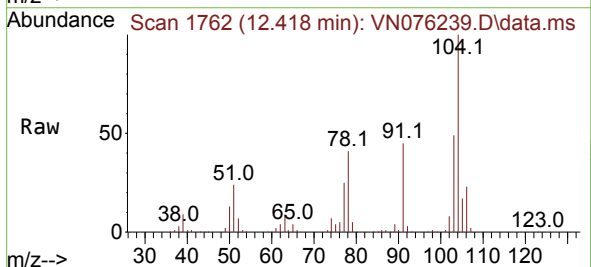
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

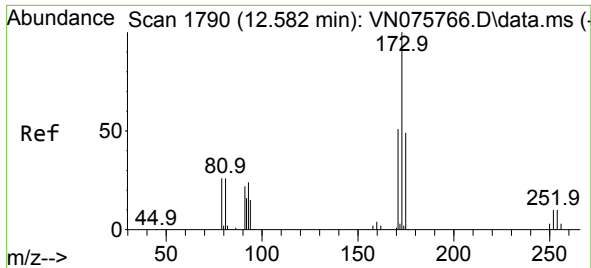
Tgt Ion:106 Resp: 130504
Ion Ratio Lower Upper
106 100
91 204.7 103.8 311.6



#70
Styrene
Concen: 19.583 ug/l
RT: 12.418 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion:104 Resp: 206934
Ion Ratio Lower Upper
104 100
78 46.5 37.5 56.3
103 54.2 43.5 65.3

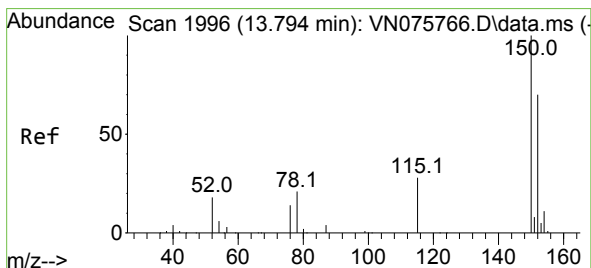
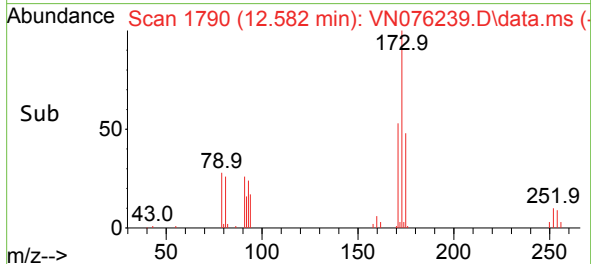
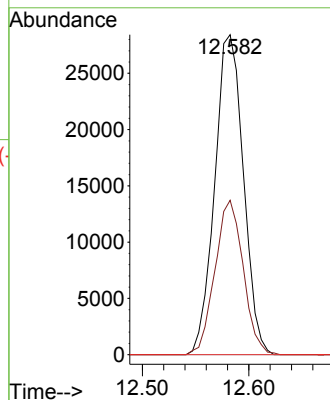
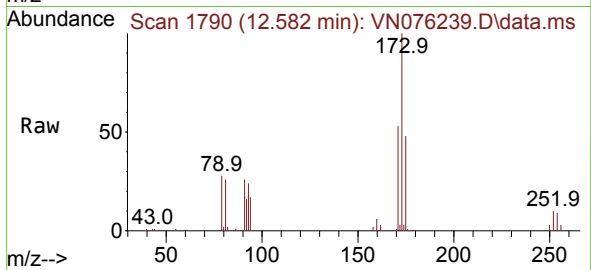




#71
Bromoform
Concen: 19.614 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

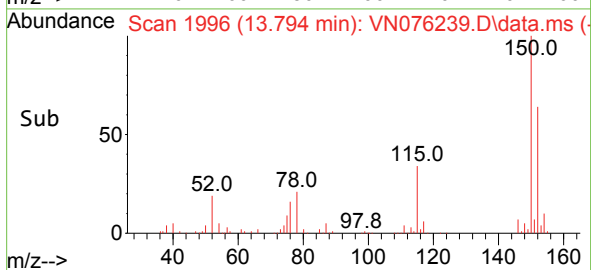
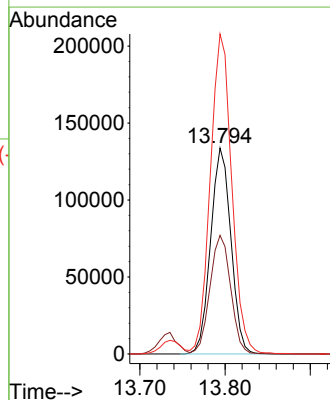
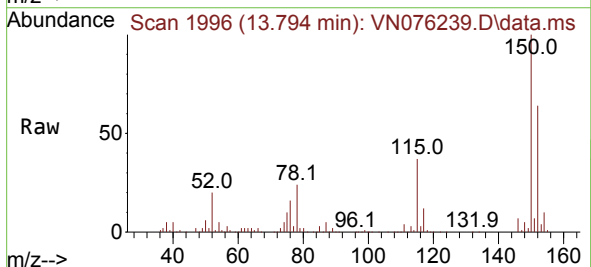
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

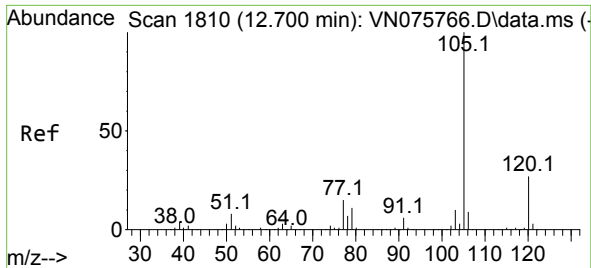
Tgt Ion:173 Resp: 53146
Ion Ratio Lower Upper
173 100
175 47.5 24.3 72.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion:152 Resp: 221391
Ion Ratio Lower Upper
152 100
115 58.8 29.1 87.4
150 164.0 0.0 347.0

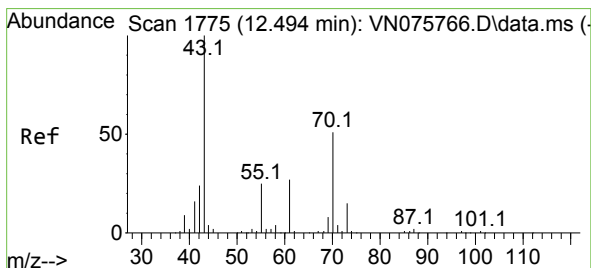
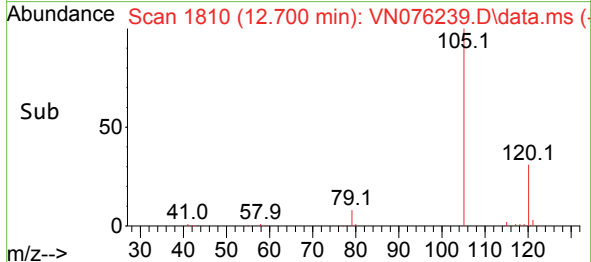
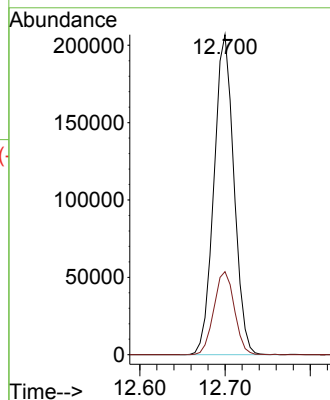
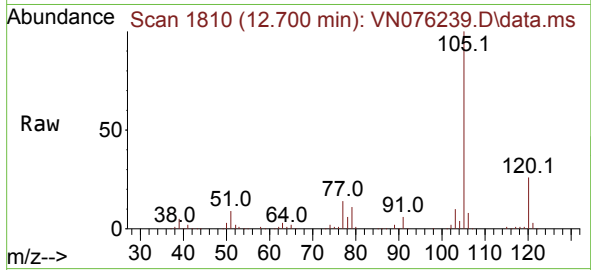




#73
Isopropylbenzene
Concen: 21.004 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

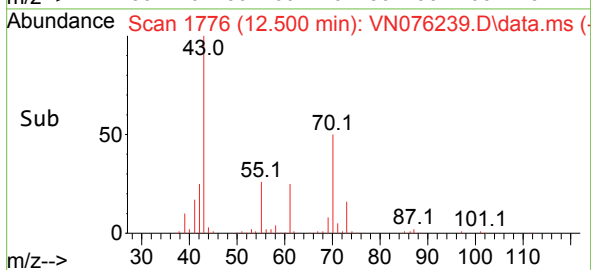
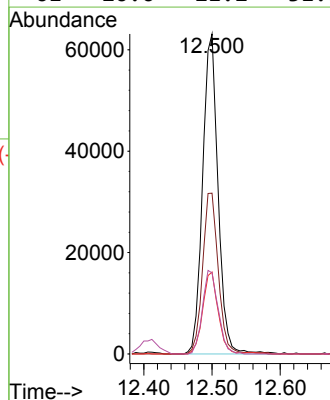
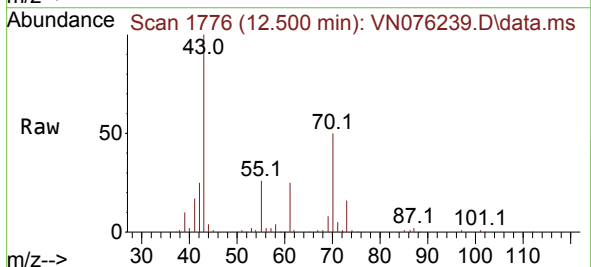
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

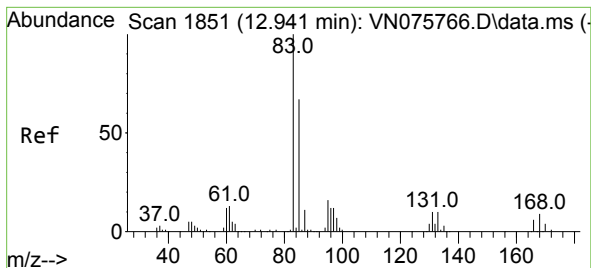
Tgt Ion:105 Resp: 336039
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2



#74
N-ethyl acetate
Concen: 21.172 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion: 43 Resp: 99369
Ion Ratio Lower Upper
43 100
70 51.3 41.4 62.0
55 25.6 21.3 31.9
61 26.6 21.2 31.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.769 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBS01

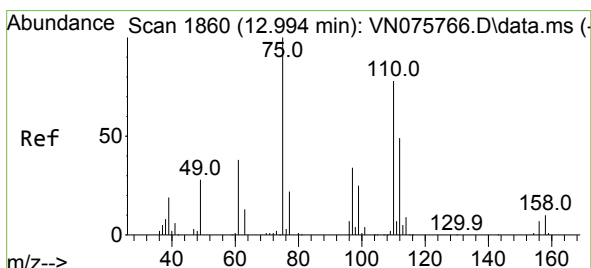
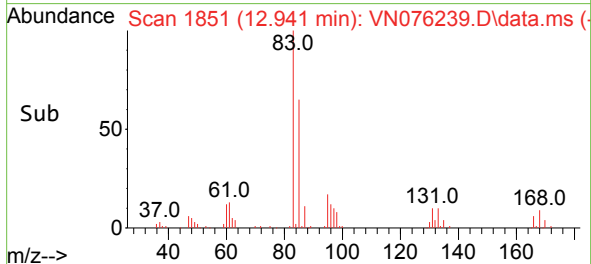
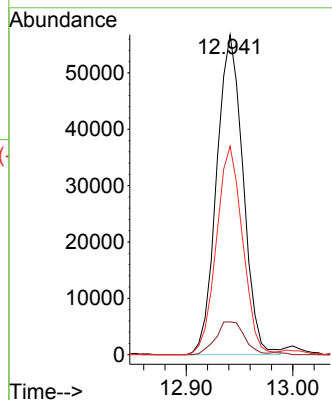
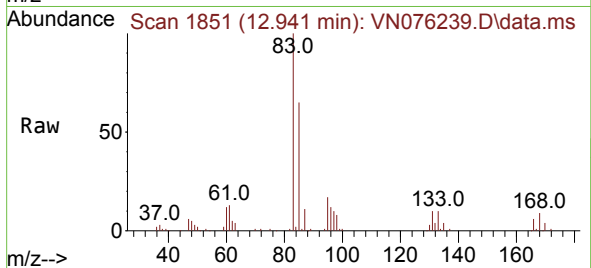
Tgt Ion: 83 Resp: 97773

Ion Ratio Lower Upper

83 100

131 11.2 5.6 16.8

85 64.6 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 26.290 ug/l

RT: 13.000 min Scan# 1861

Delta R.T. 0.006 min

Lab File: VN076239.D

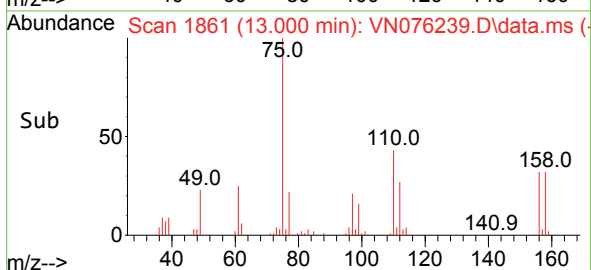
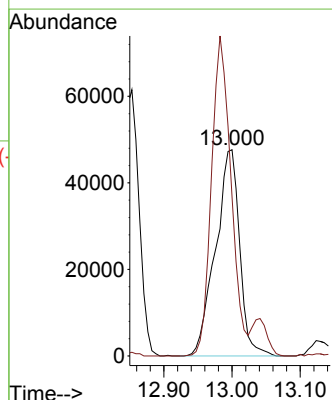
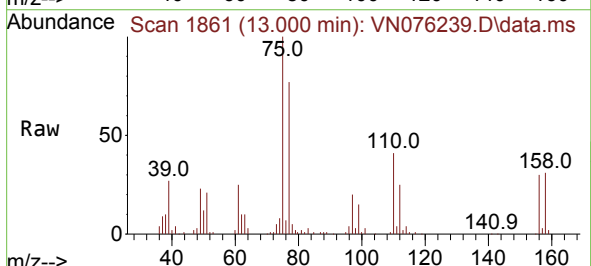
Acq: 13 Jan 2023 11:16

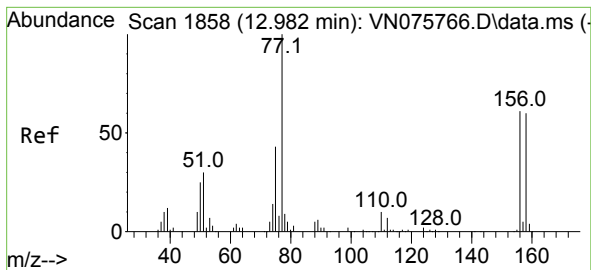
Tgt Ion: 75 Resp: 117325

Ion Ratio Lower Upper

75 100

77 126.1 82.6 247.8





#77

Bromobenzene

Concen: 19.118 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBS01

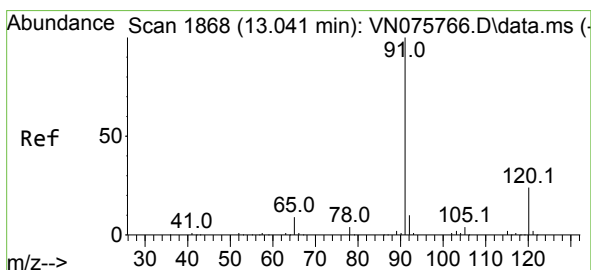
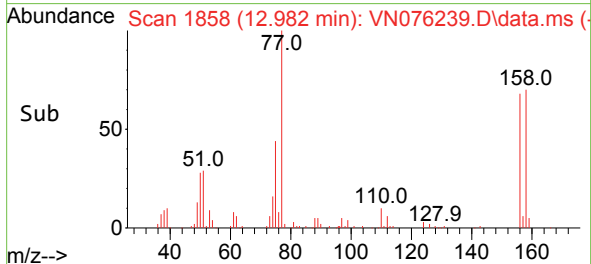
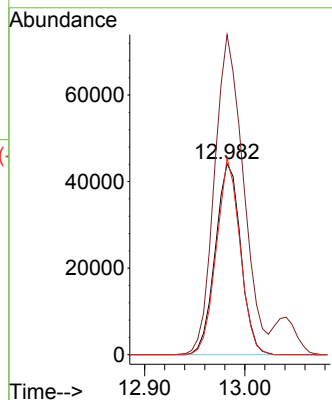
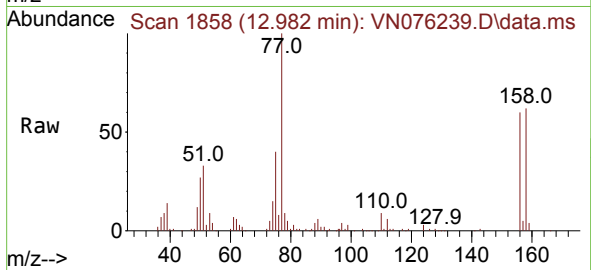
Tgt Ion:156 Resp: 77407

Ion Ratio Lower Upper

156 100

77 191.1 93.8 281.3

158 96.1 48.9 146.6



#78

n-propylbenzene

Concen: 21.042 ug/l

RT: 13.041 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN076239.D

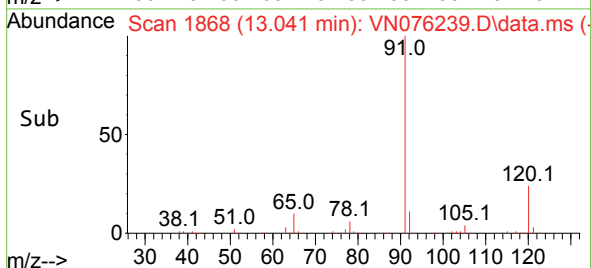
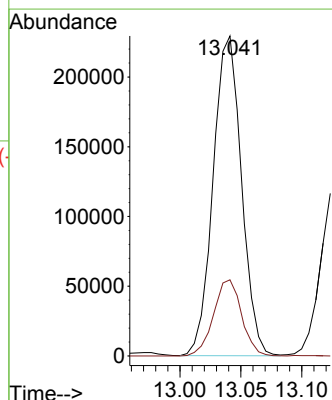
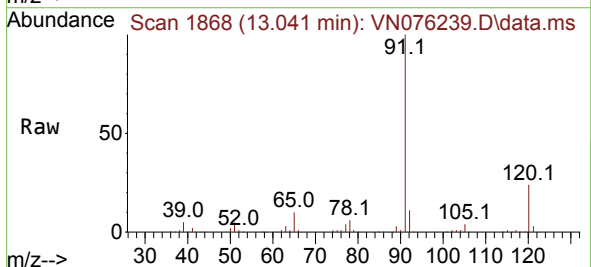
Acq: 13 Jan 2023 11:16

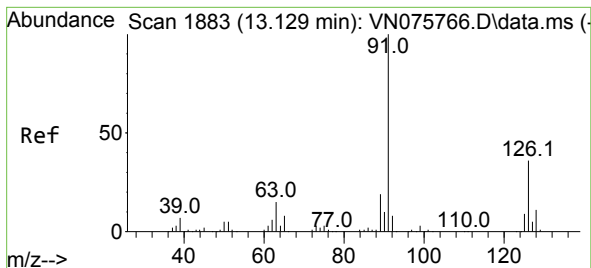
Tgt Ion: 91 Resp: 371308

Ion Ratio Lower Upper

91 100

120 23.6 12.0 36.1





#79

2-Chlorotoluene

Concen: 19.826 ug/l

RT: 13.129 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

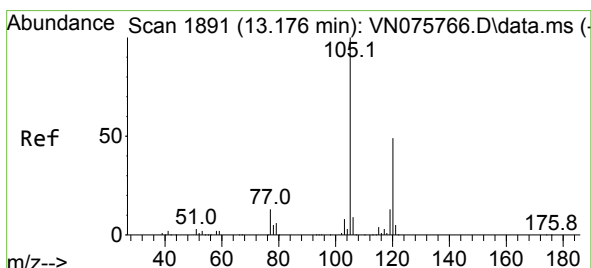
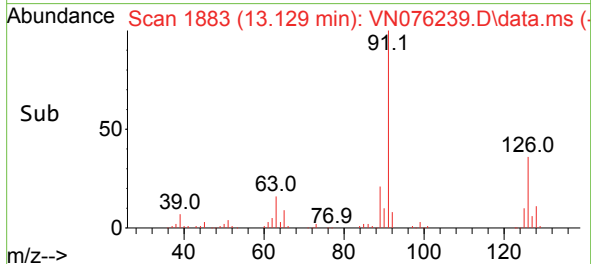
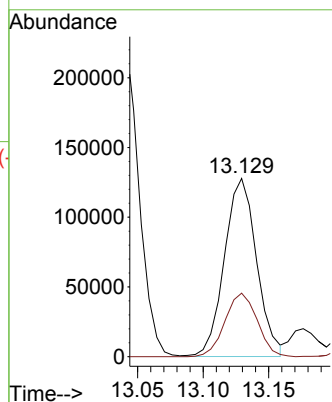
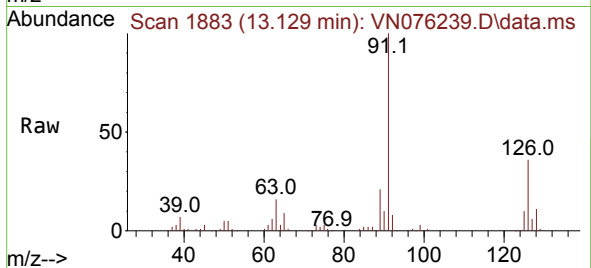
VN0113WBS01

Tgt Ion: 91 Resp: 218382

Ion Ratio Lower Upper

91 100

126 35.6 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 21.053 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN076239.D

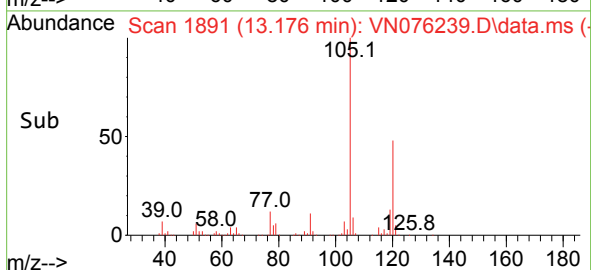
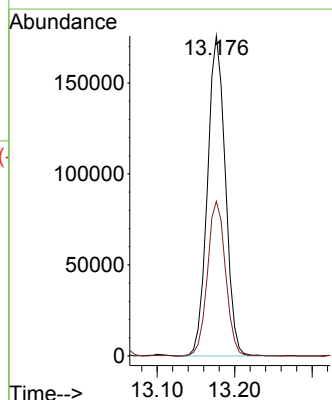
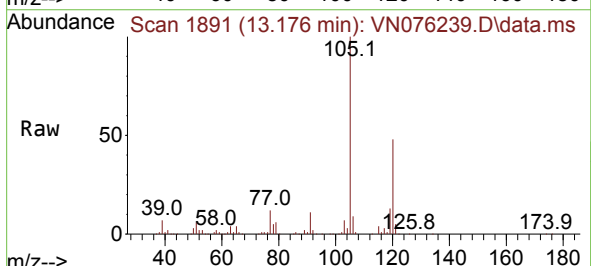
Acq: 13 Jan 2023 11:16

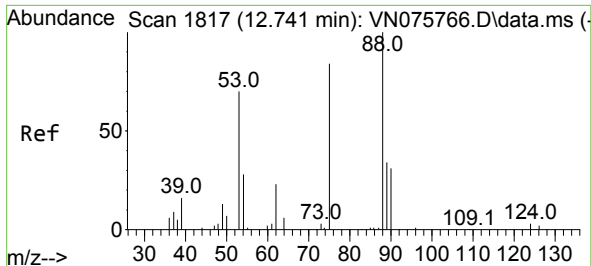
Tgt Ion: 105 Resp: 281904

Ion Ratio Lower Upper

105 100

120 48.7 24.7 74.1

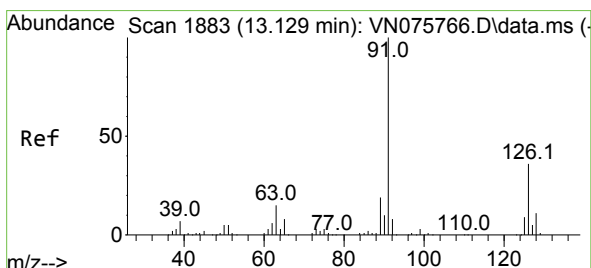
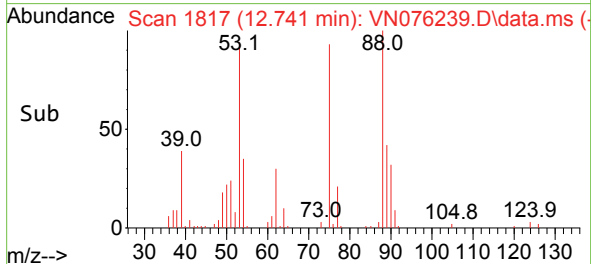
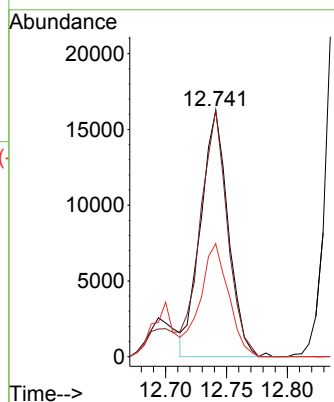
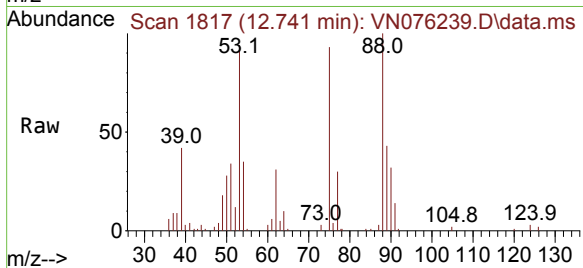




#81
trans-1,4-Dichloro-2-butene
Concen: 20.664 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

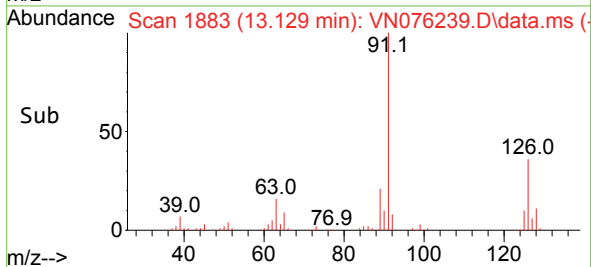
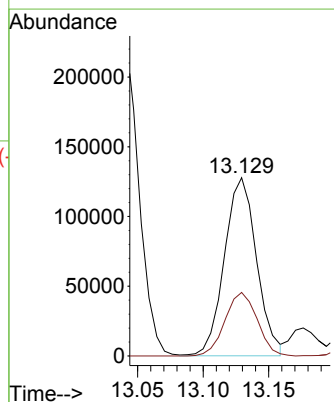
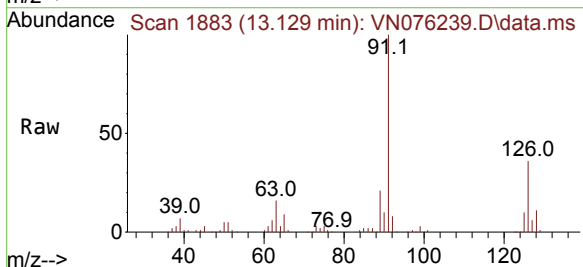
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

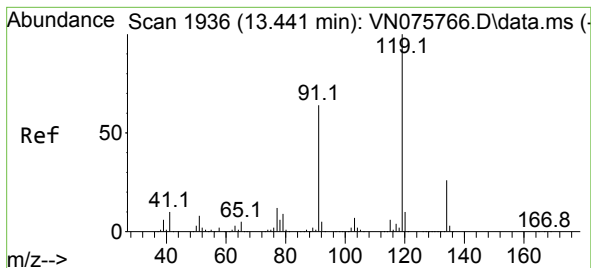
Tgt Ion:	75	Resp:	25620
Ion	Ratio	Lower	Upper
75	100		
53	100.6	73.8	110.6
89	47.4	39.5	59.3



#82
4-Chlorotoluene
Concen: 19.826 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion:	91	Resp:	218382
Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.5	52.5





#83

tert-Butylbenzene

Concen: 21.733 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBS01

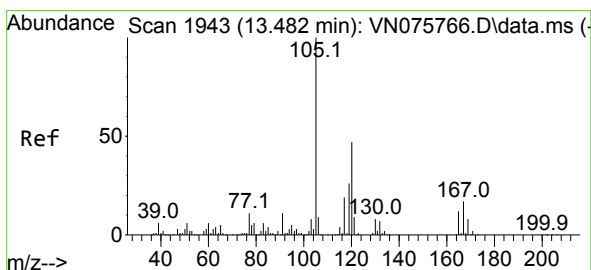
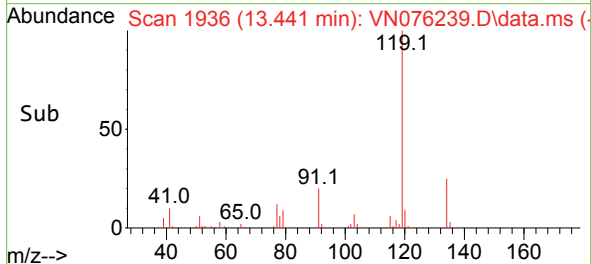
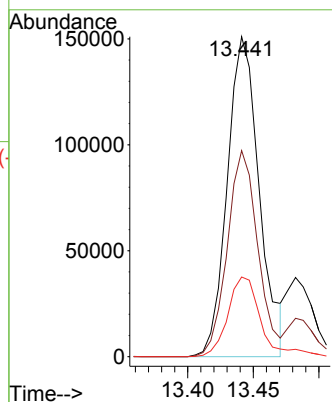
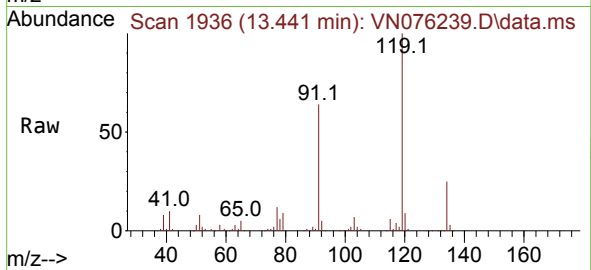
Tgt Ion:119 Resp: 256571

Ion Ratio Lower Upper

119 100

91 61.6 31.9 95.5

134 25.8 13.8 41.4



#84

1,2,4-Trimethylbenzene

Concen: 20.508 ug/l

RT: 13.488 min Scan# 1944

Delta R.T. 0.006 min

Lab File: VN076239.D

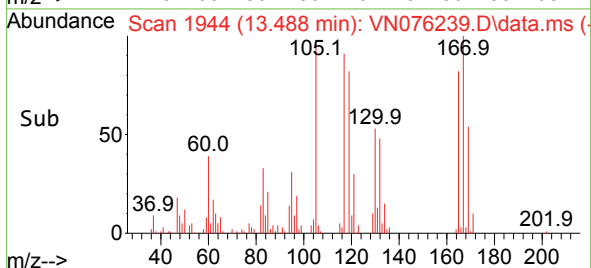
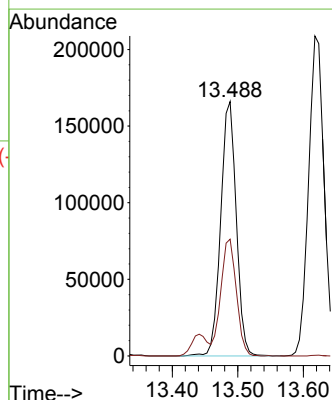
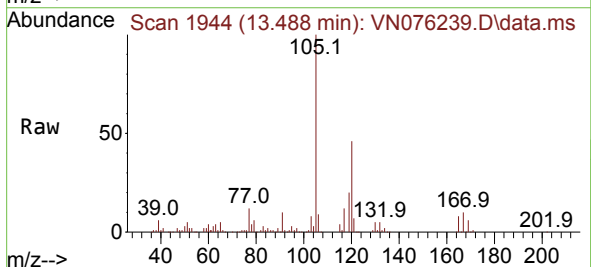
Acq: 13 Jan 2023 11:16

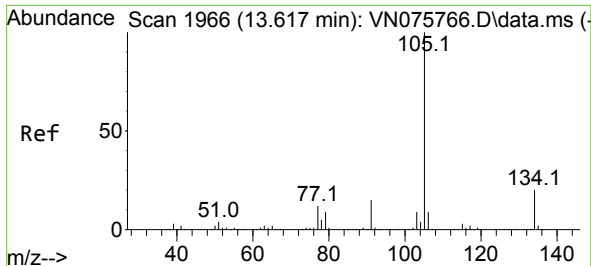
Tgt Ion:105 Resp: 272422

Ion Ratio Lower Upper

105 100

120 45.9 23.3 69.8





#85

sec-Butylbenzene

Concen: 20.994 ug/l

RT: 13.618 min Scan# 1966

Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

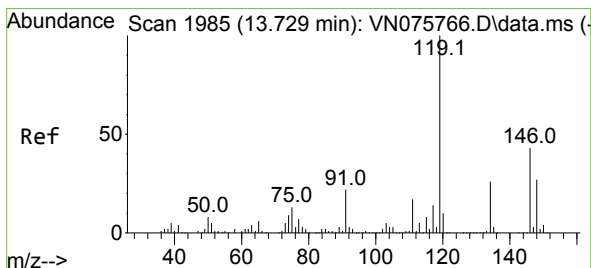
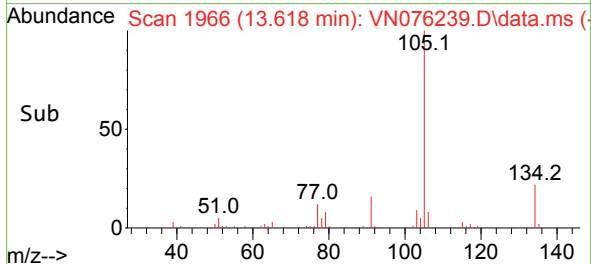
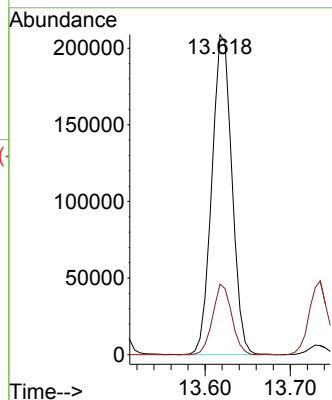
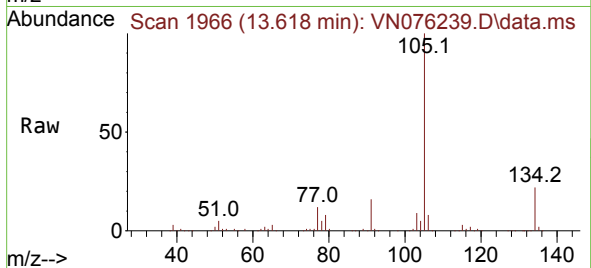
VN0113WBS01

Tgt Ion:105 Resp: 342090

Ion Ratio Lower Upper

105 100

134 20.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.868 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.006 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

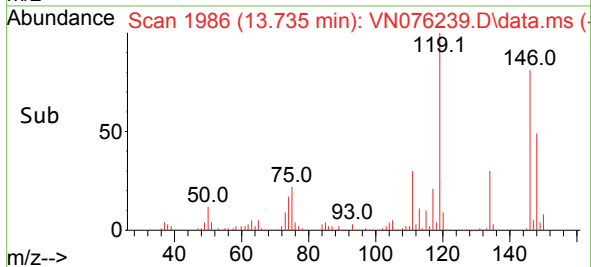
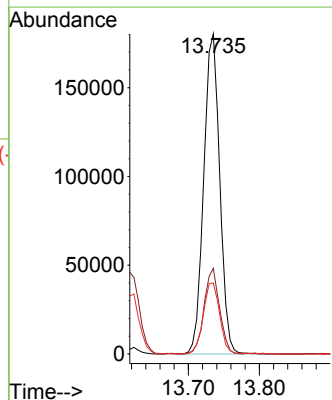
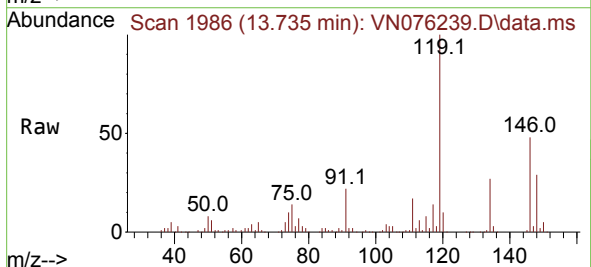
Tgt Ion:119 Resp: 282936

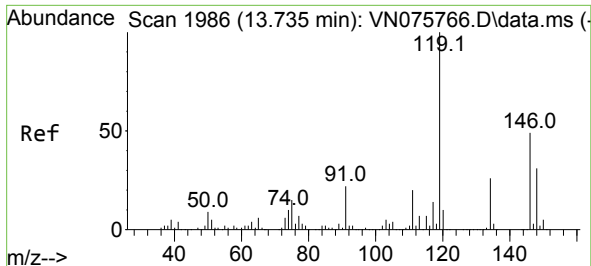
Ion Ratio Lower Upper

119 100

134 25.9 13.0 39.0

91 22.8 11.2 33.6

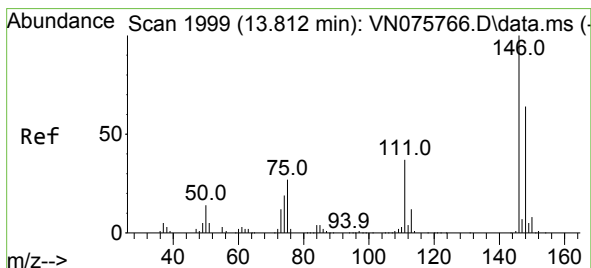
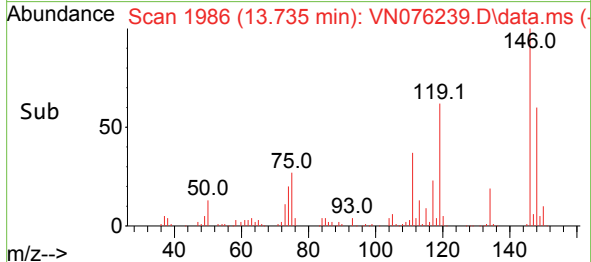
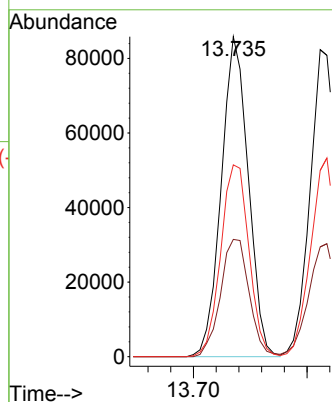
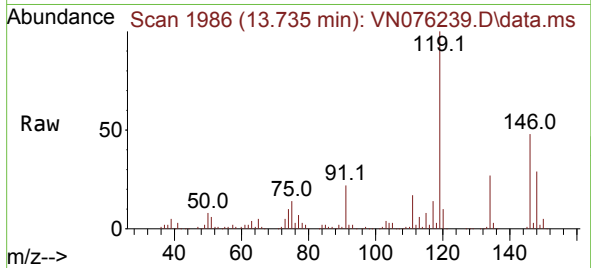




#87
 1,3-Dichlorobenzene
 Concen: 18.960 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076239.D
 Acq: 13 Jan 2023 11:16

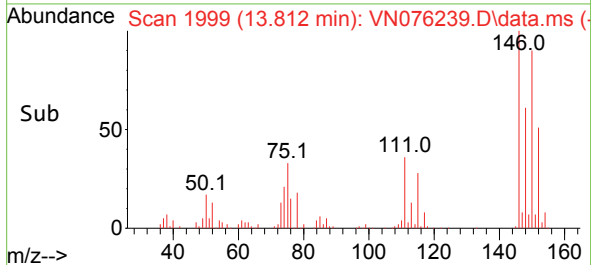
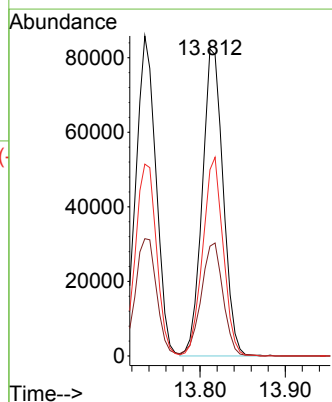
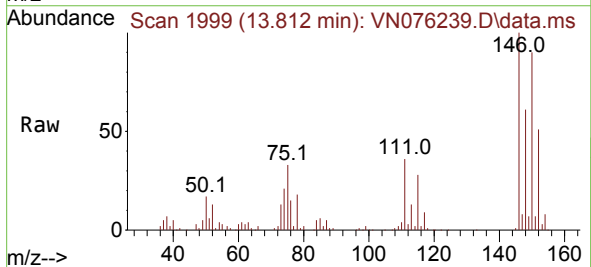
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113WBS01

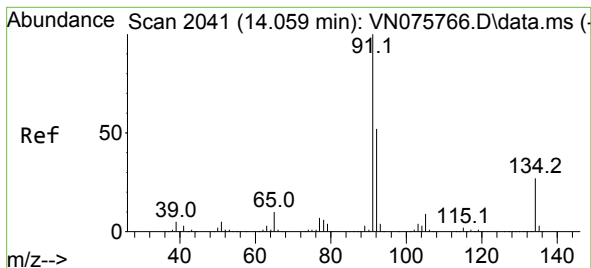
Tgt Ion:146 Resp: 141803
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.7 59.0
 148 62.7 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 18.353 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN076239.D
 Acq: 13 Jan 2023 11:16

Tgt Ion:146 Resp: 140224
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.1 57.1
 148 63.4 32.0 96.2





#89

n-Butylbenzene

Concen: 19.115 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBS01

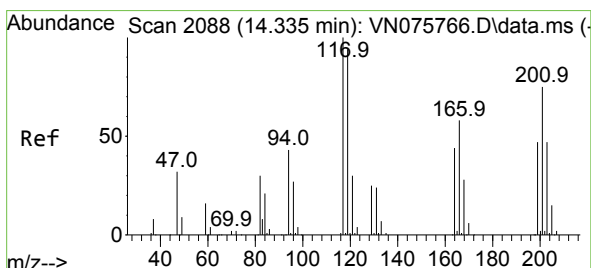
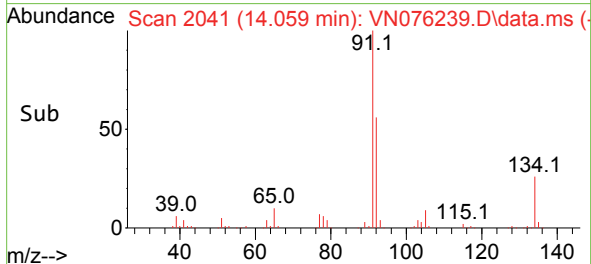
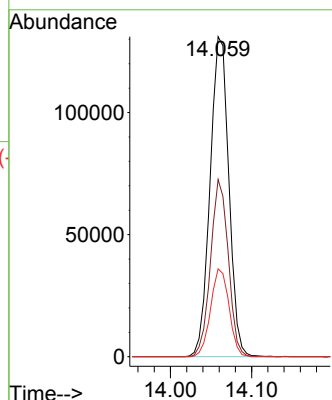
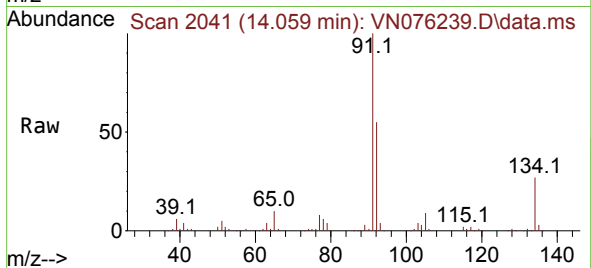
Tgt Ion: 91 Resp: 209969

Ion Ratio Lower Upper

91 100

92 52.4 26.4 79.2

134 26.9 13.4 40.2



#90

Hexachloroethane

Concen: 19.627 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN076239.D

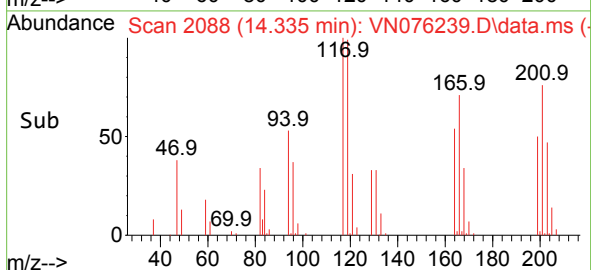
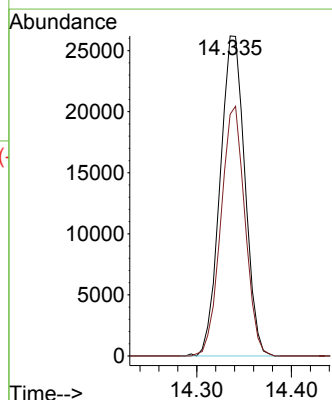
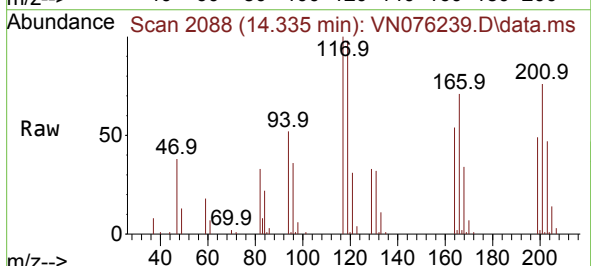
Acq: 13 Jan 2023 11:16

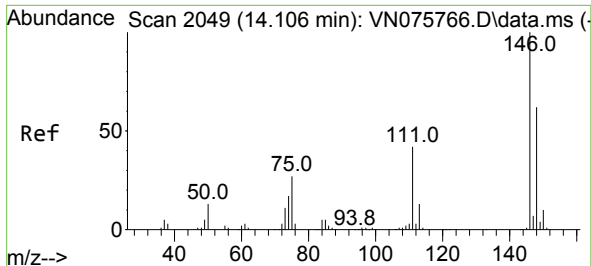
Tgt Ion: 117 Resp: 47603

Ion Ratio Lower Upper

117 100

201 75.8 38.0 114.1

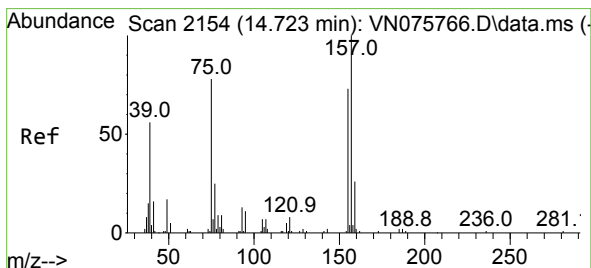
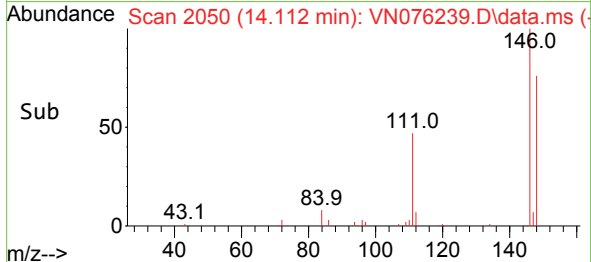
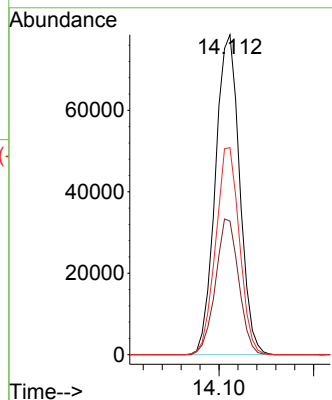
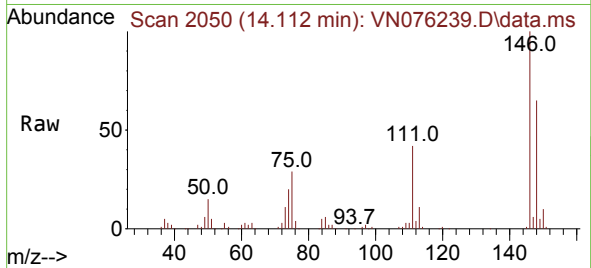




#91
1,2-Dichlorobenzene
Concen: 18.937 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

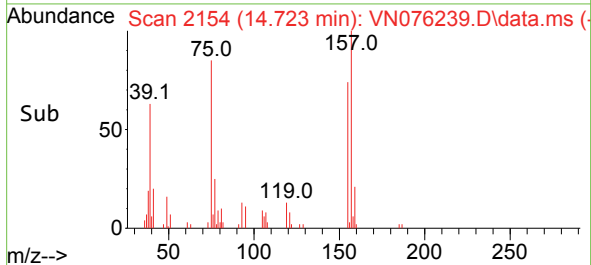
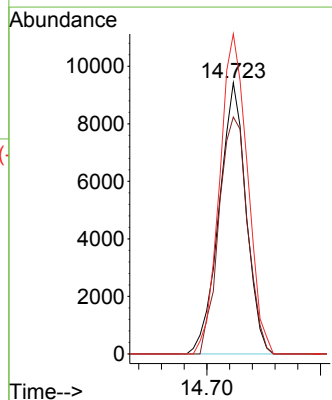
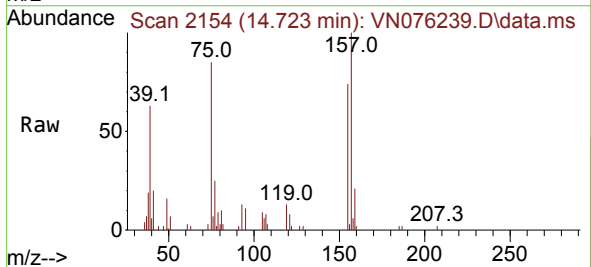
Instrument :
MSVOA_N
ClientSampleId :
VN0113WBS01

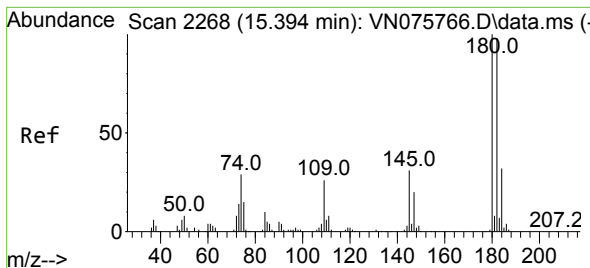
Tgt Ion:146 Resp: 139504
Ion Ratio Lower Upper
146 100
111 40.8 20.3 61.0
148 63.6 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.700 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076239.D
Acq: 13 Jan 2023 11:16

Tgt Ion: 75 Resp: 15533
Ion Ratio Lower Upper
75 100
155 92.4 49.3 147.8
157 121.9 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 16.326 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBS01

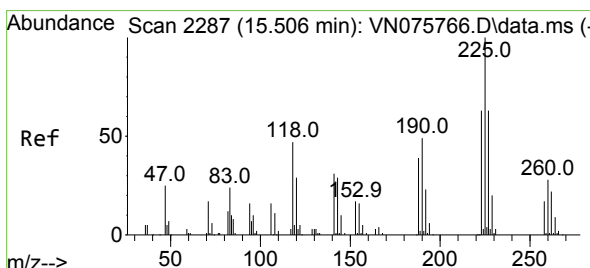
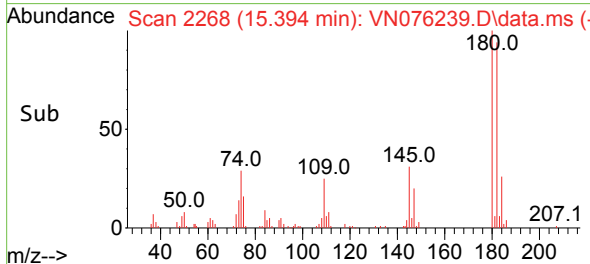
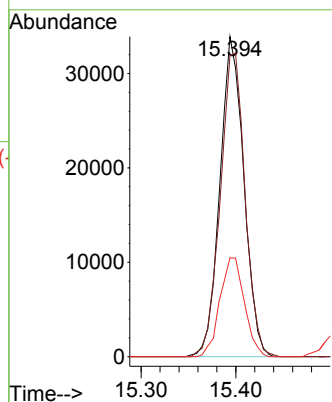
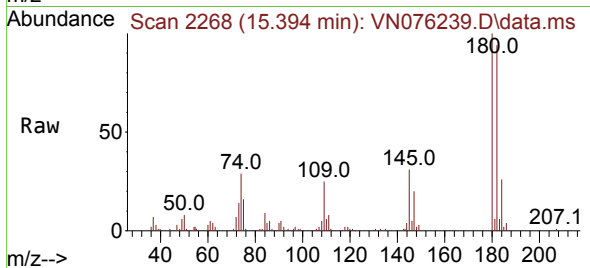
Tgt Ion:180 Resp: 59544

Ion Ratio Lower Upper

180 100

182 98.0 47.5 142.5

145 31.7 15.3 45.8



#94

Hexachlorobutadiene

Concen: 18.085 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

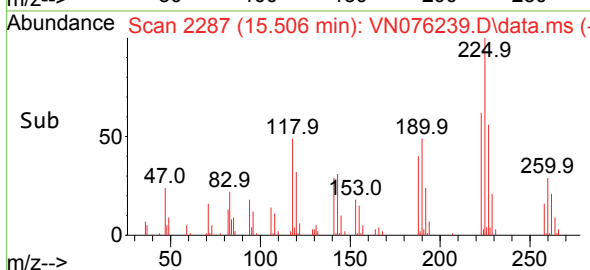
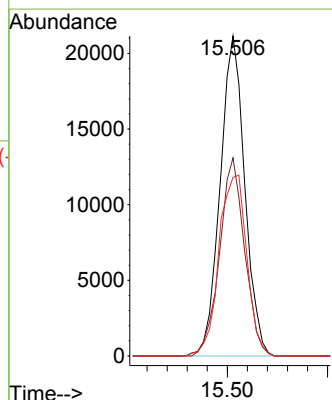
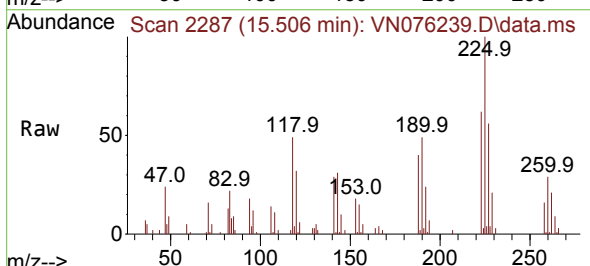
Tgt Ion:225 Resp: 35987

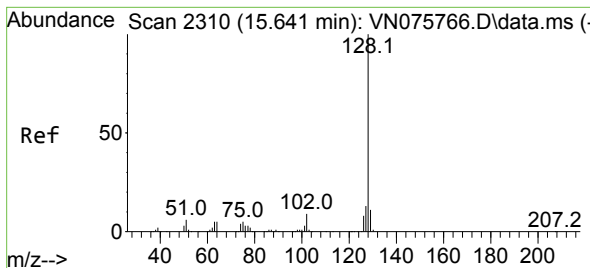
Ion Ratio Lower Upper

225 100

223 62.8 31.5 94.5

227 63.8 31.6 95.0





#95

Naphthalene

Concen: 16.650 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0113WBS01

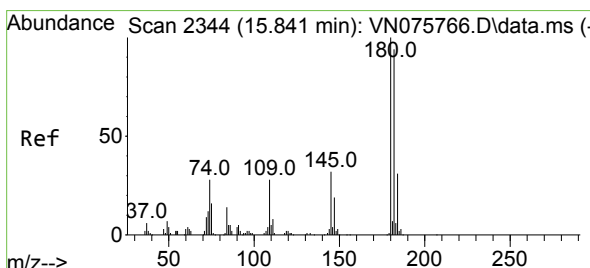
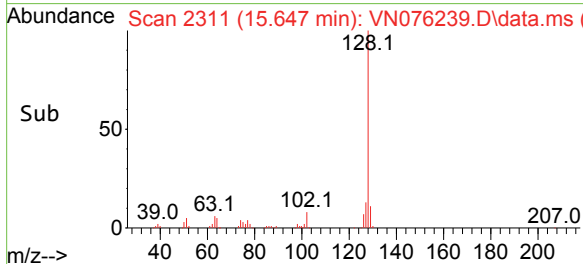
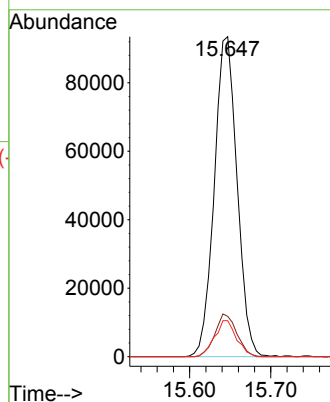
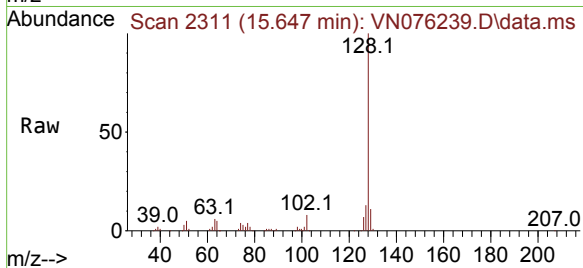
Tgt Ion:128 Resp: 182323

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 17.465 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. 0.000 min

Lab File: VN076239.D

Acq: 13 Jan 2023 11:16

Tgt Ion:180 Resp: 59534

Ion Ratio Lower Upper

180 100

182 96.3 47.0 141.0

145 31.5 16.0 47.9

