

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030822\
 Data File : VN071188.D
 Acq On : 08 Mar 2022 14:17
 Operator : JC\MD
 Sample : N1759-01MEDL 10X
 Misc : 6.83g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 09 04:01:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	770985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1242966	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1163510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	453890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	464481	43.957	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	87.920%
35) Dibromofluoromethane	8.016	113	354236	45.163	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	90.320%
50) Toluene-d8	10.439	98	1547460	49.001	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.000%
62) 4-Bromofluorobenzene	12.727	95	555362	51.932	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.860%
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	2844	0.216	ug/l	98
5) Bromomethane	2.822	94	2333	Below Cal	#	63
10) Methyl Iodide	4.445	142	2427	0.218	ug/l #	86
11) Tert butyl alcohol	5.322	59	869	0.419	ug/l #	71
13) Acrolein	4.045	56	1693	0.771	ug/l #	81
15) Acrylonitrile	5.551	53	1378	0.224	ug/l #	63
16) Acetone	4.293	43	7339	1.427	ug/l	91
18) Methyl Acetate	4.863	43	5699	0.879	ug/l #	87
20) Methylene Chloride	5.081	84	1394	0.529	ug/l #	40
25) 2-Butanone	7.333	43	6420	0.775	ug/l #	76
29) Tetrahydrofuran	7.698	42	1917	0.334	ug/l #	87
31) Cyclohexane	8.075	56	97268	5.764	ug/l #	72
36) 1,1-Dichloropropene	8.080	75	61231	4.872	ug/l #	49
37) Ethyl Acetate	7.333	43	6420	0.371	ug/l #	76
38) Carbon Tetrachloride	8.086	117	74541	6.132	ug/l #	16
39) Methylcyclohexane	9.457	83	225665	15.264	ug/l #	84
40) Benzene	8.457	78	9506	0.251	ug/l #	89
43) Isopropyl Acetate	8.551	43	37576	1.453	ug/l #	55
47) Bromodichloromethane	9.739	83	23819	1.884	ug/l #	28
48) Methyl methacrylate	9.586	41	26896	2.244	ug/l #	22
49) 1,4-Dioxane	9.575	88	593	2.846	ug/l #	1
51) 4-Methyl-2-Pentanone	10.369	43	104845	6.532	ug/l #	87
55) 1,1,2-Trichloroethane	10.874	97	132484	14.180	ug/l #	29
56) Ethyl methacrylate	10.780	69	26601	1.743	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.016	63	3209	28.755	ug/l #	45
59) 2-Hexanone	11.051	43	172907	15.788	ug/l #	25
67) Ethyl Benzene	11.839	91	1782825	40.353	ug/l	97
68) m/p-Xylenes	11.945	106	1799015	111.309	ug/l	98
69) o-Xylene	12.274	106	11582	0.715	ug/l	90
70) Styrene	12.292	104	5590	0.223	ug/l #	71
73) Isopropylbenzene	12.574	105	819638	18.733	ug/l	99
74) N-amyl acetate	12.363	43	137132	8.336	ug/l #	72
75) 1,1,2,2-Tetrachloroethane	12.815	83	6757	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.915	75	11355	Below Cal	#	1
77) Bromobenzene	12.857	156	2385	0.234	ug/l #	13
78) n-propylbenzene	12.915	91	2118513	45.121	ug/l	97

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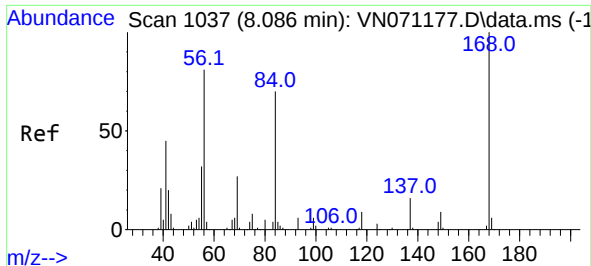
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

79) 2-Chlorotoluene	12.980	91	863348	28.645	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.057	105	2869147	84.285	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.574	75	9862	2.349	ug/l #	55
82) 4-Chlorotoluene	13.057	91	315680	11.759	ug/l #	39
83) tert-Butylbenzene	13.363	119	1026625	33.794	ug/l #	65
84) 1,2,4-Trimethylbenzene	13.363	105	8272687	253.718	ug/l	100
85) sec-Butylbenzene	13.498	105	326432	8.084	ug/l #	57
86) p-Isopropyltoluene	13.610	119	127650	4.020	ug/l	99
87) 1,3-Dichlorobenzene	13.615	146	5928	0.358	ug/l #	57
88) 1,4-Dichlorobenzene	13.692	146	7636	0.471	ug/l #	1
89) n-Butylbenzene	13.939	91	513348	20.669	ug/l #	66
90) Hexachloroethane	14.210	117	254036	40.228	ug/l #	6
91) 1,2-Dichlorobenzene	13.986	146	6829	0.428	ug/l #	2
92) 1,2-Dibromo-3-Chloropr...	14.615	75	5375	2.111	ug/l #	24
93) 1,2,4-Trichlorobenzene	15.256	180	14937	4.877	ug/l #	87
94) Hexachlorobutadiene	15.368	225	1787	0.399	ug/l	91
95) Naphthalene	15.504	128	672418	34.109	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	17884	5.104	ug/l #	81

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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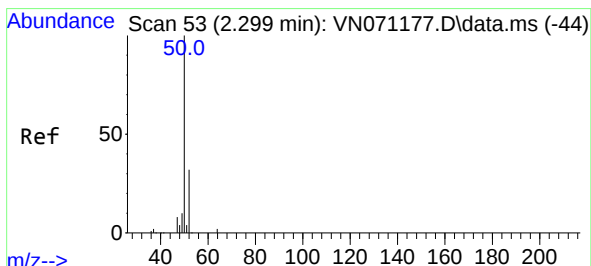
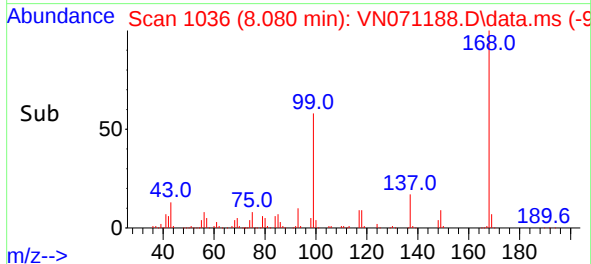
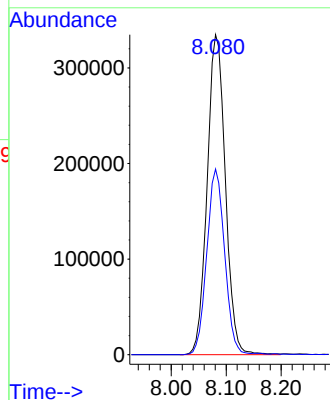
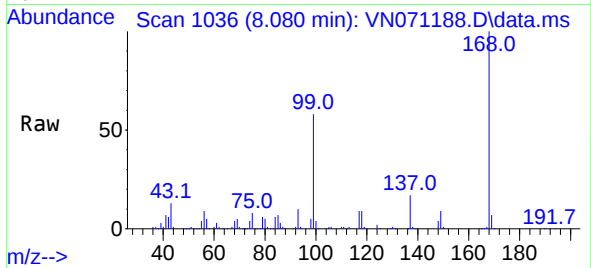




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

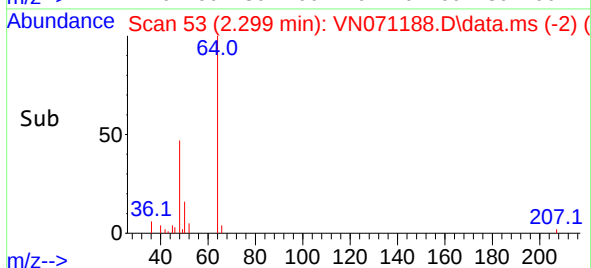
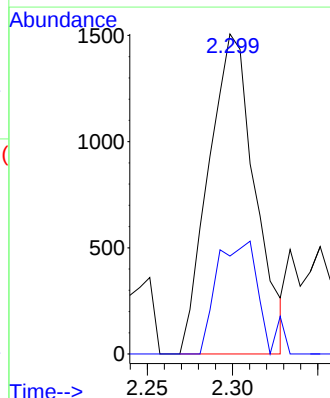
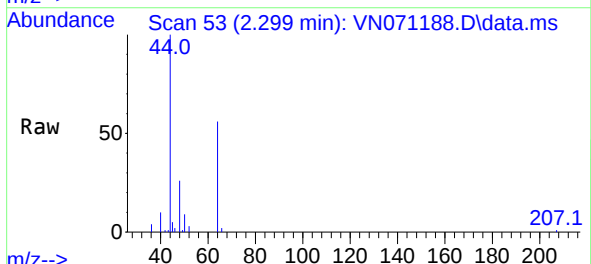
Instrument :
MSVOA_N
ClientSampleId :

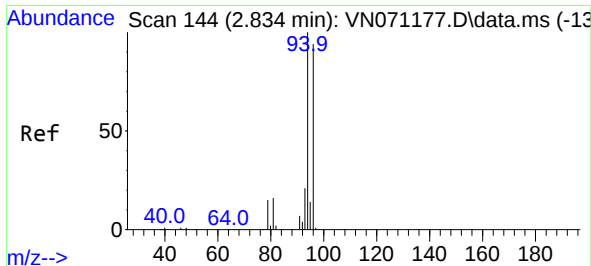
Tgt Ion:168 Resp: 770985
Ion Ratio Lower Upper
168 100
99 58.0 41.3 61.9



#3
Chloromethane
Concen: 0.216 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

Tgt Ion: 50 Resp: 2844
Ion Ratio Lower Upper
50 100
52 30.6 25.4 38.0

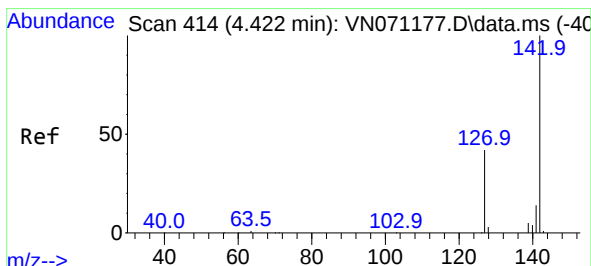
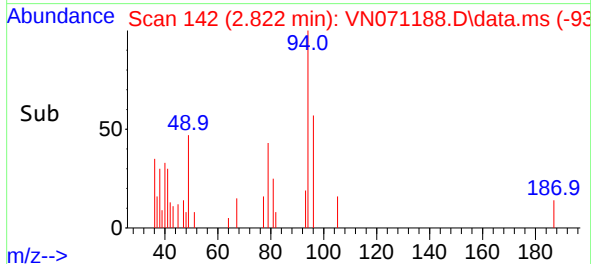
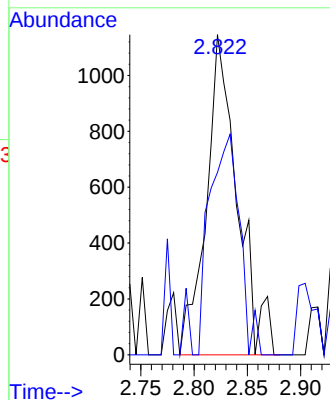
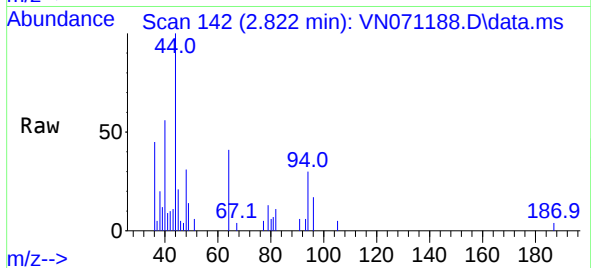




#5
Bromomethane
Concen: Below Cal
RT: 2.822 min Scan# 144
Delta R.T. -0.012 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

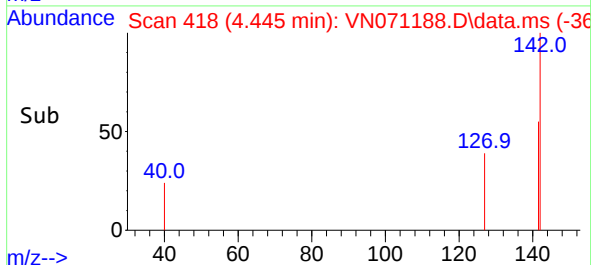
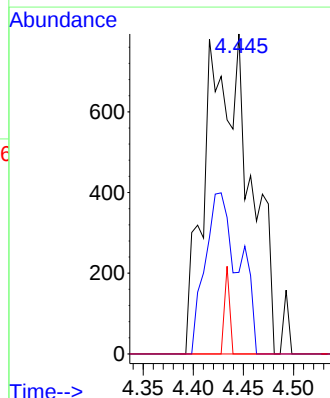
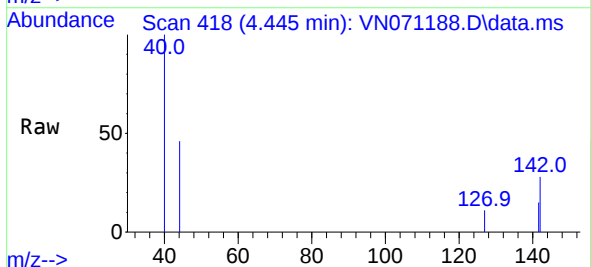
Instrument :
MSVOA_N
ClientSampleId :

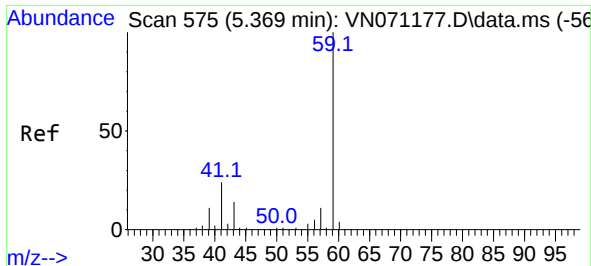
Tgt Ion: 94 Resp: 2333
Ion Ratio Lower Upper
94 100
96 57.0 73.8 110.8#



#10
Methyl Iodide
Concen: 0.218 ug/l
RT: 4.445 min Scan# 418
Delta R.T. 0.023 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

Tgt Ion:142 Resp: 2427
Ion Ratio Lower Upper
142 100
127 38.4 35.4 53.0
141 3.2 11.6 17.4#





#11

Tert butyl alcohol

Concen: 0.419 ug/l

RT: 5.322 min Scan# 50

Delta R.T. -0.047 min

Lab File: VN071188.D

Acq: 08 Mar 2022 14:17

Instrument :

MSVOA_N

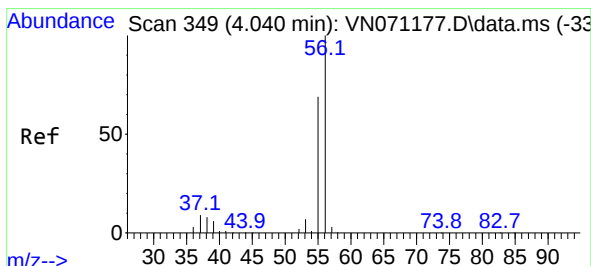
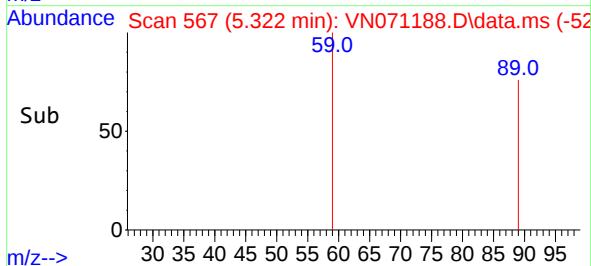
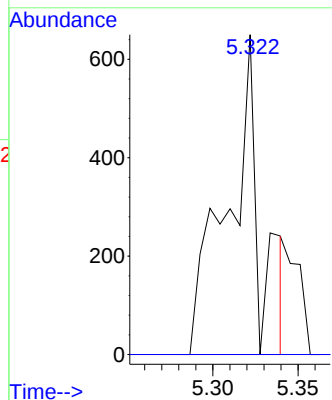
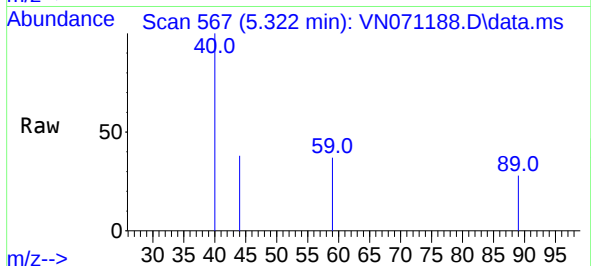
ClientSampleId :

Tgt Ion: 59 Resp: 869

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#13

Acrolein

Concen: 0.771 ug/l

RT: 4.045 min Scan# 350

Delta R.T. 0.006 min

Lab File: VN071188.D

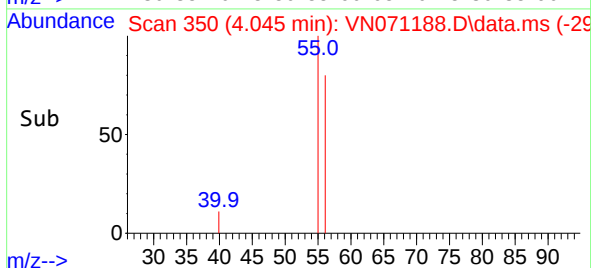
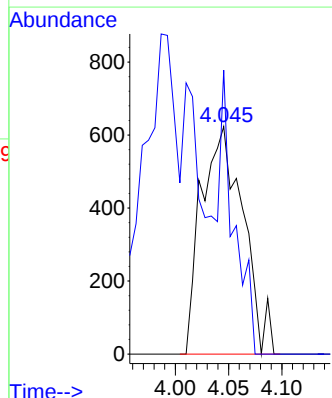
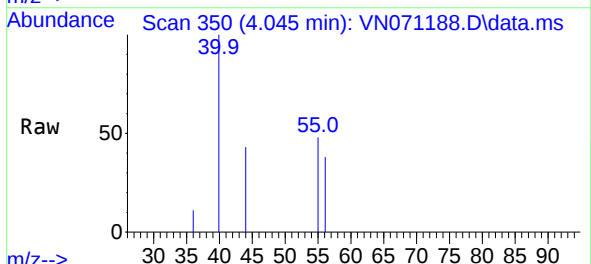
Acq: 08 Mar 2022 14:17

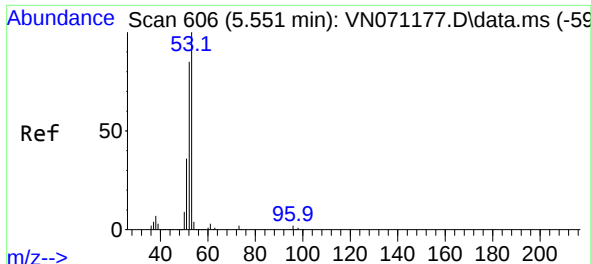
Tgt Ion: 56 Resp: 1693

Ion Ratio Lower Upper

56 100

55 55.1 56.6 85.0#

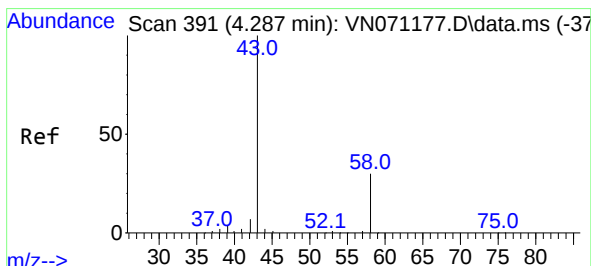
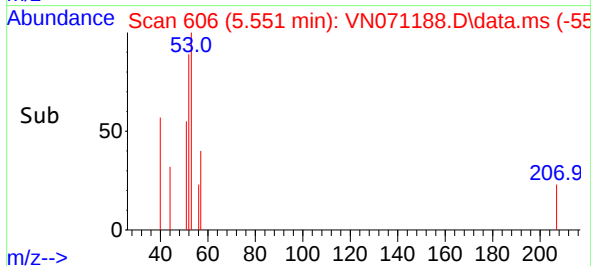
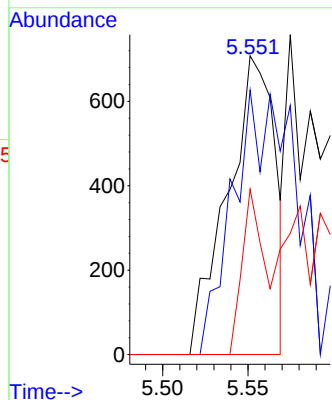
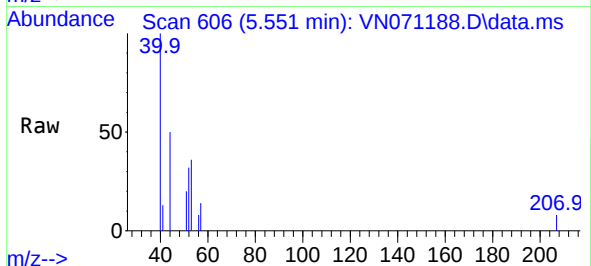




#15
Acrylonitrile
Concen: 0.224 ug/l
RT: 5.551 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

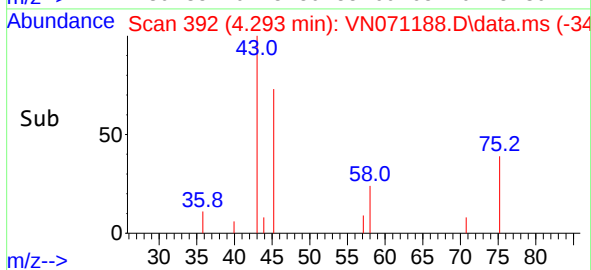
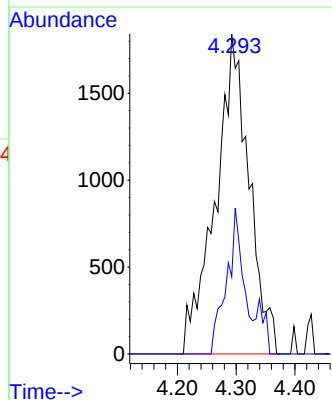
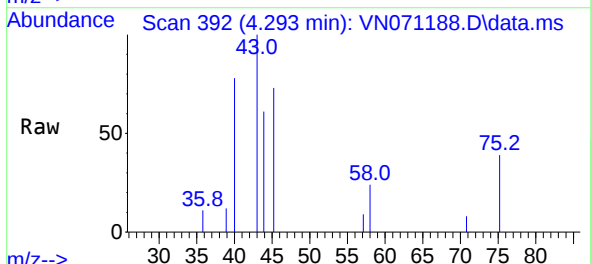
Instrument :
MSVOA_N
ClientSampleId :

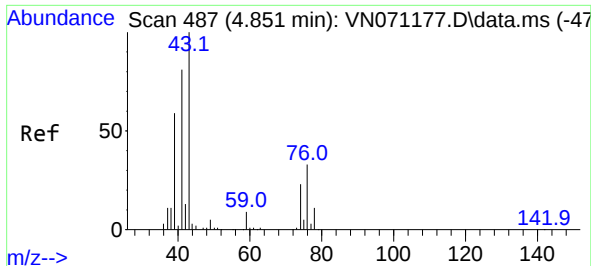
Tgt Ion: 53 Resp: 1378
Ion Ratio Lower Upper
53 100
52 123.0 66.2 99.2#
51 25.3 29.6 44.4#



#16
Acetone
Concen: 1.427 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.006 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

Tgt Ion: 43 Resp: 7339
Ion Ratio Lower Upper
43 100
58 24.1 23.1 34.7

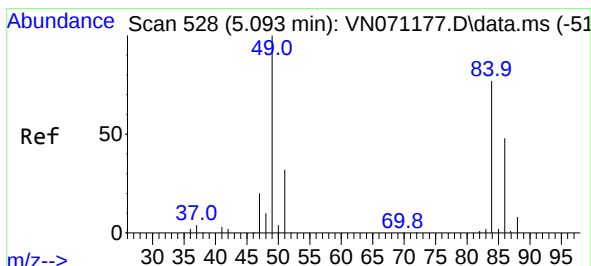
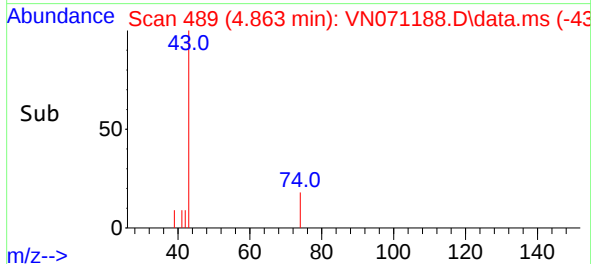
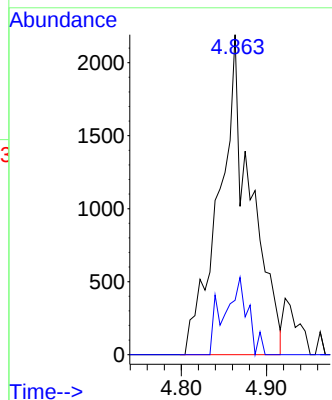
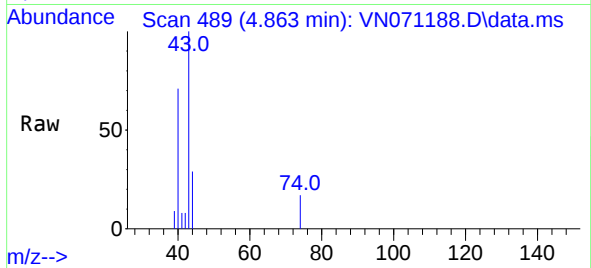




#18
Methyl Acetate
Concen: 0.879 ug/l
RT: 4.863 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

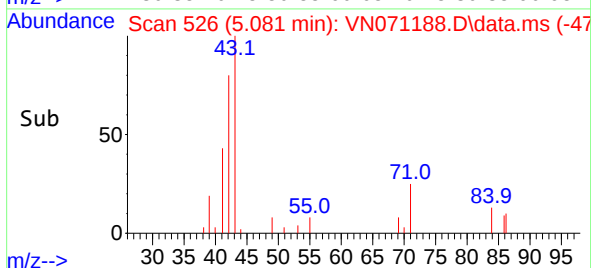
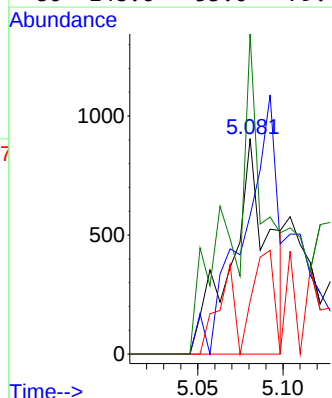
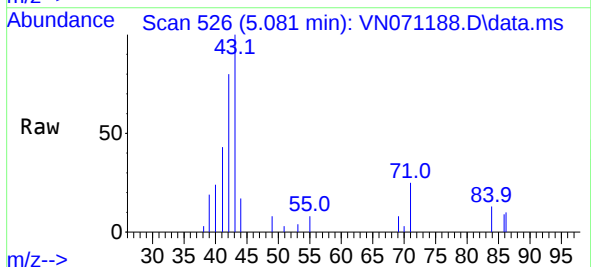
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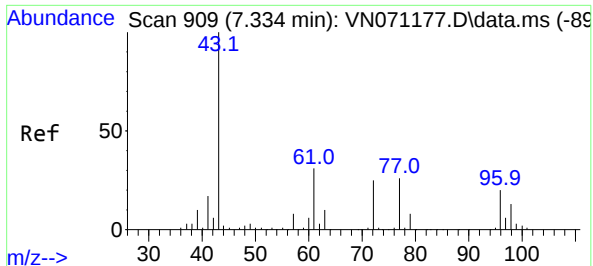
Tgt Ion: 43 Resp: 5699
Ion Ratio Lower Upper
43 100
74 17.9 19.4 29.2#



#20
Methylene Chloride
Concen: 0.529 ug/l
RT: 5.081 min Scan# 526
Delta R.T. -0.012 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

Tgt Ion: 84 Resp: 1394
Ion Ratio Lower Upper
84 100
49 64.3 93.5 140.3#
51 24.5 29.4 44.2#
86 148.6 53.0 79.4#





#25

2-Butanone

Concen: 0.775 ug/l

RT: 7.333 min Scan# 909

Delta R.T. -0.000 min

Lab File: VN071188.D

Acq: 08 Mar 2022 14:17

Instrument :

MSVOA_N

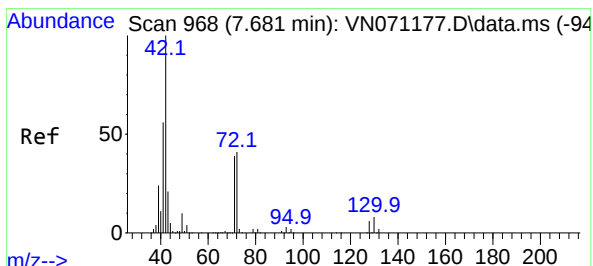
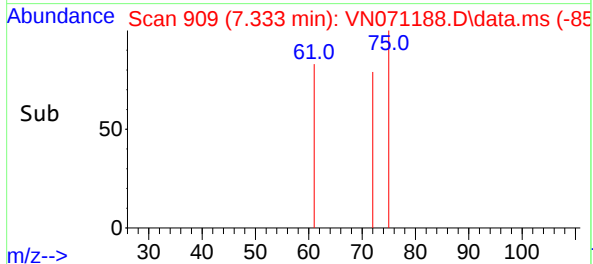
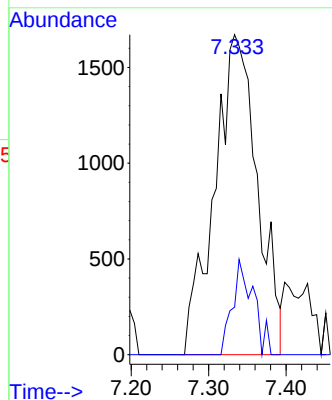
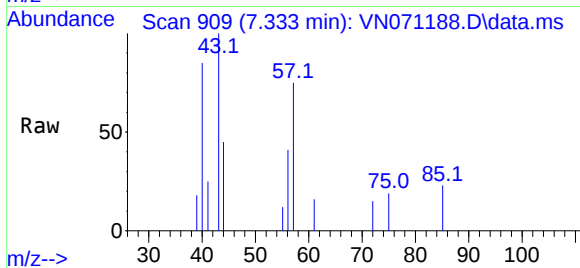
ClientSampleId :

Tgt Ion: 43 Resp: 6420

Ion Ratio Lower Upper

43 100

72 14.8 21.7 32.5#



#29

Tetrahydrofuran

Concen: 0.334 ug/l

RT: 7.698 min Scan# 971

Delta R.T. 0.018 min

Lab File: VN071188.D

Acq: 08 Mar 2022 14:17

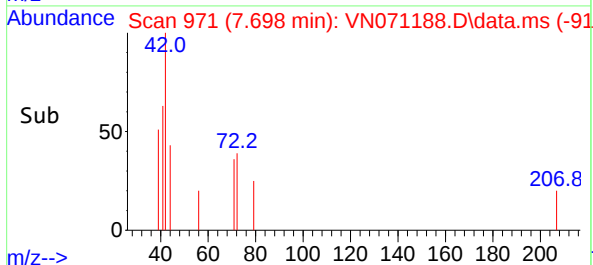
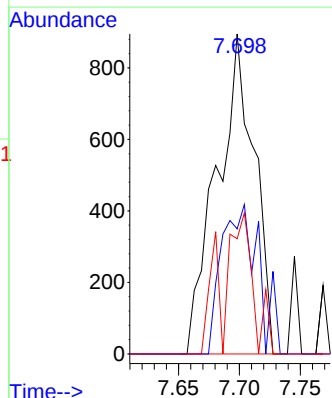
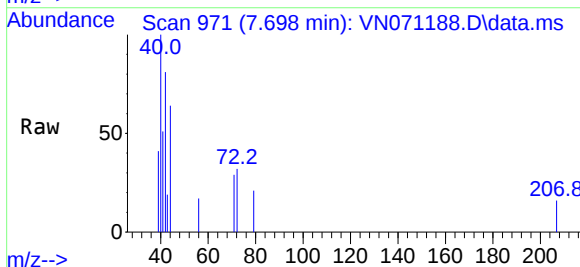
Tgt Ion: 42 Resp: 1917

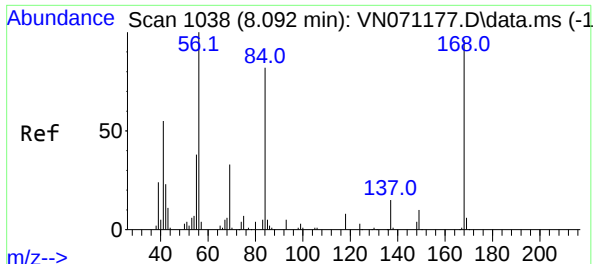
Ion Ratio Lower Upper

42 100

72 46.1 36.3 54.5

71 27.0 34.7 52.1#





#31

Cyclohexane

Concen: 5.764 ug/l

RT: 8.075 min Scan# 1035

Delta R.T. -0.018 min

Lab File: VN071188.D

Acq: 08 Mar 2022 14:17

Instrument :

MSVOA_N

ClientSampleId :

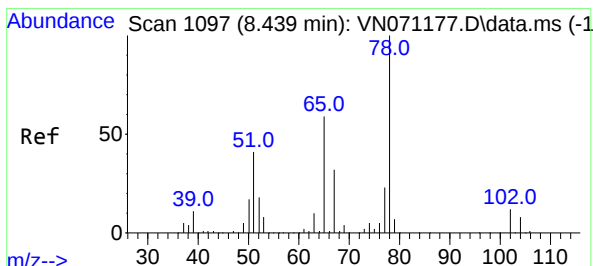
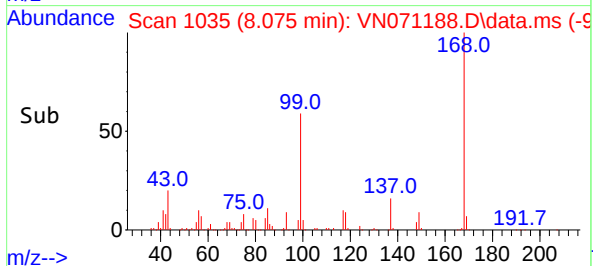
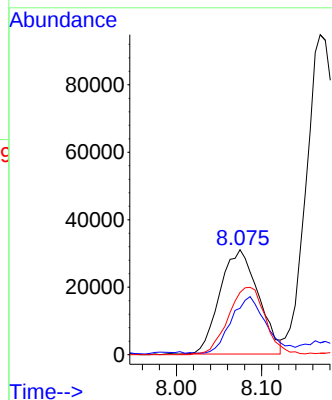
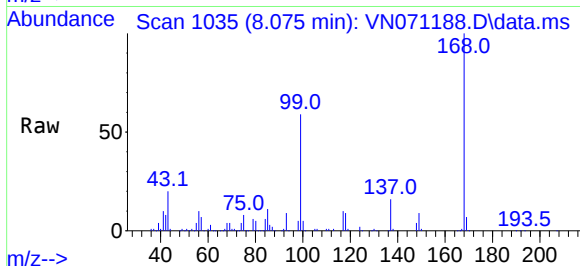
Tgt Ion: 56 Resp: 97268

Ion Ratio Lower Upper

56 100

69 41.5 27.1 40.7#

84 59.7 73.4 110.0#



#33

1,2-Dichloroethane-d4

Concen: 43.957 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.006 min

Lab File: VN071188.D

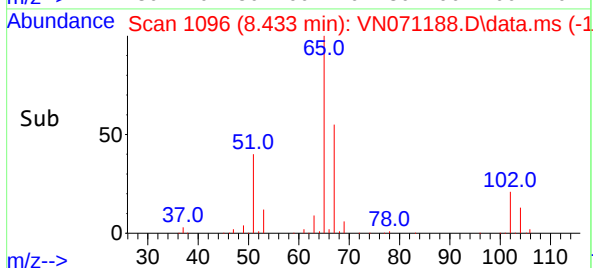
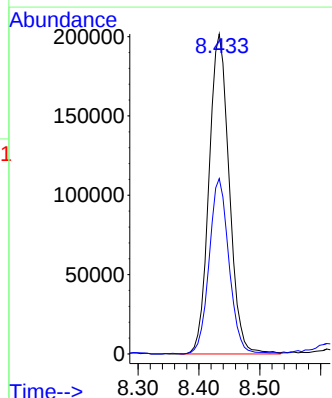
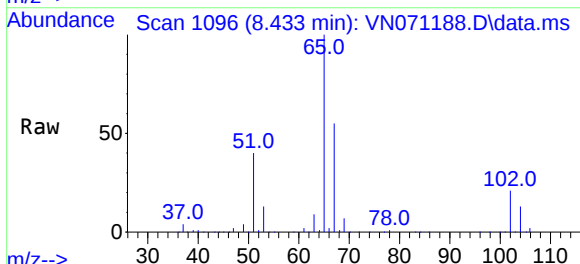
Acq: 08 Mar 2022 14:17

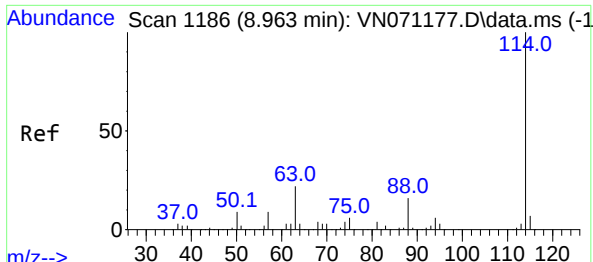
Tgt Ion: 65 Resp: 464481

Ion Ratio Lower Upper

65 100

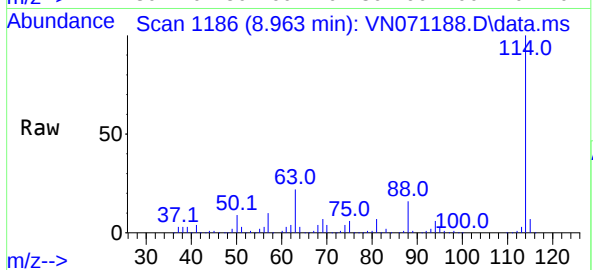
67 53.8 0.0 103.0



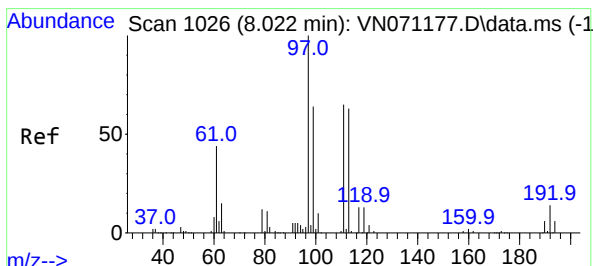
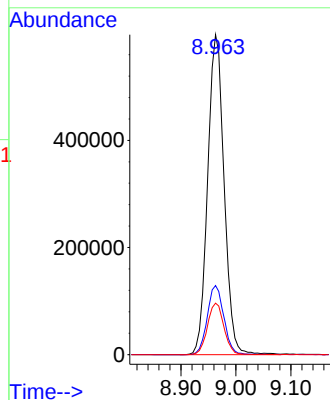
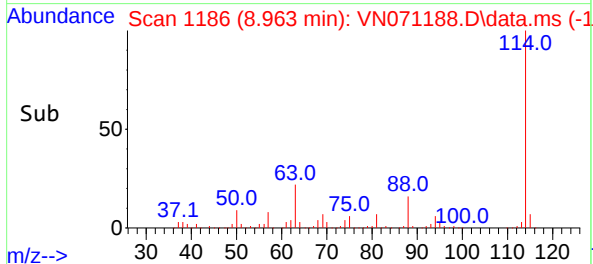


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

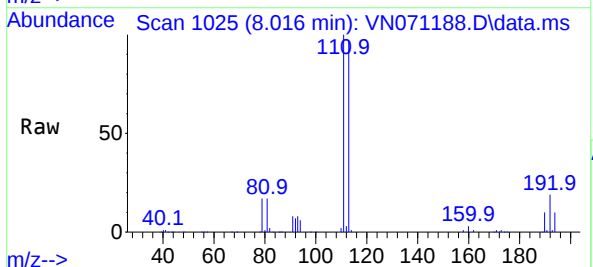
Instrument :
MSVOA_N
ClientSampleId :



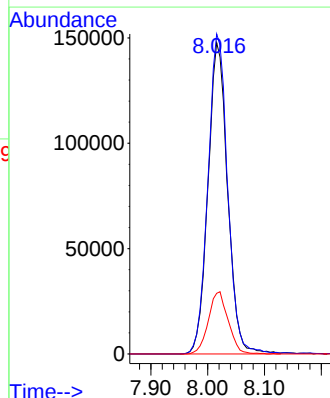
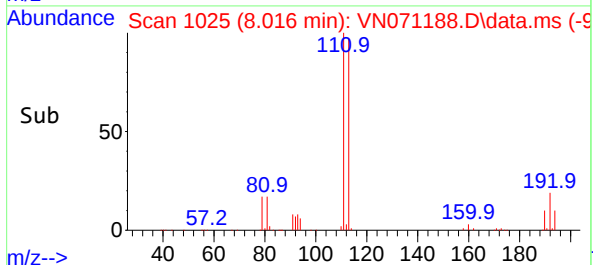
Tgt Ion:114 Resp: 1242966
Ion Ratio Lower Upper
114 100
63 21.6 0.0 37.8
88 16.1 0.0 27.4

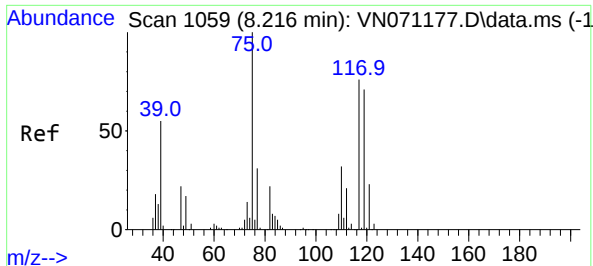


#35
Dibromofluoromethane
Concen: 45.163 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17



Tgt Ion:113 Resp: 354236
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 20.2 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.872 ug/l

RT: 8.080 min Scan# 1

Delta R.T. -0.135 min

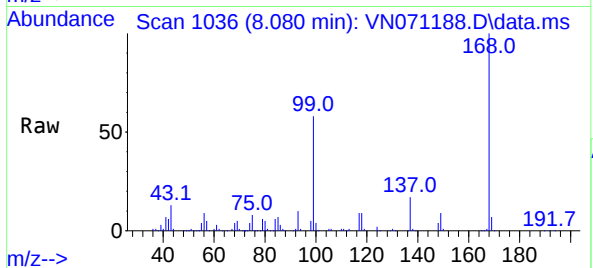
Lab File: VN071188.D

Acq: 08 Mar 2022 14:17

Instrument :

MSVOA_N

ClientSampleId :



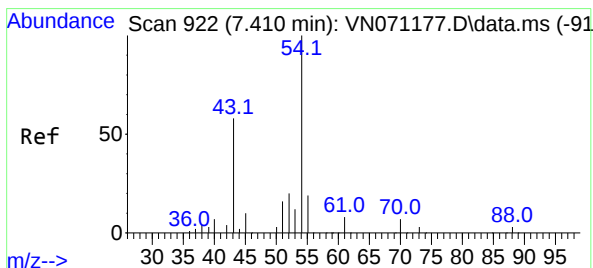
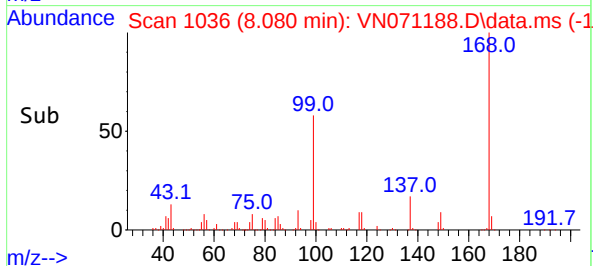
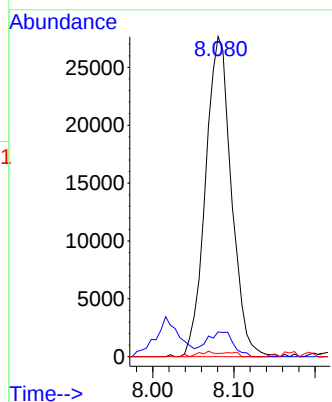
Tgt Ion: 75 Resp: 61231

Ion Ratio Lower Upper

75 100

110 8.2 18.4 55.2#

77 1.2 24.4 36.6#



#37

Ethyl Acetate

Concen: 0.371 ug/l

RT: 7.333 min Scan# 909

Delta R.T. -0.077 min

Lab File: VN071188.D

Acq: 08 Mar 2022 14:17

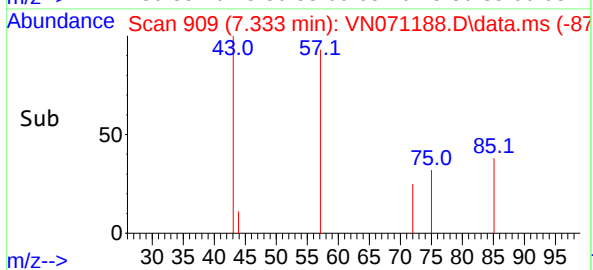
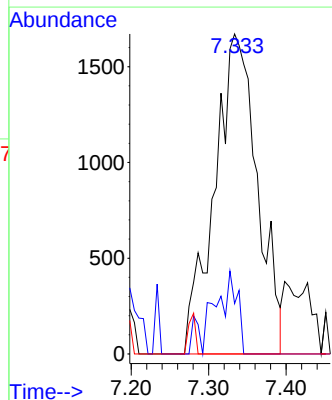
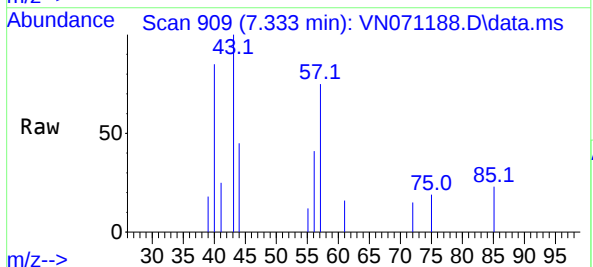
Tgt Ion: 43 Resp: 6420

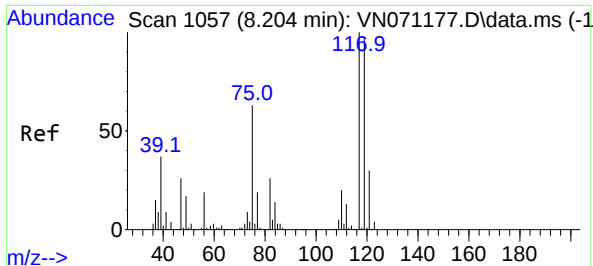
Ion Ratio Lower Upper

43 100

61 5.7 11.5 17.3#

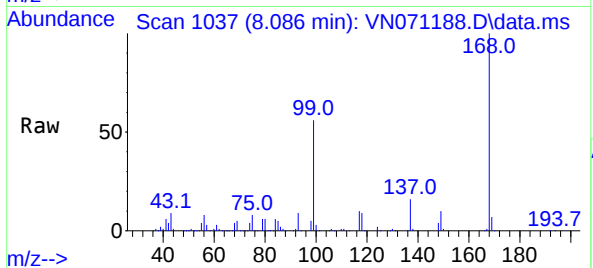
70 0.0 7.9 11.9#



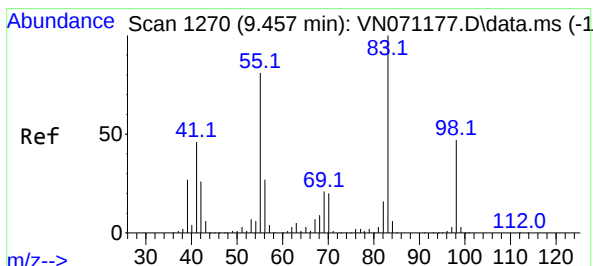
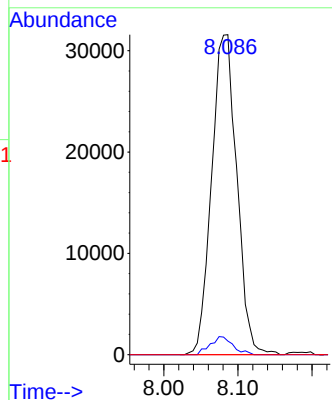
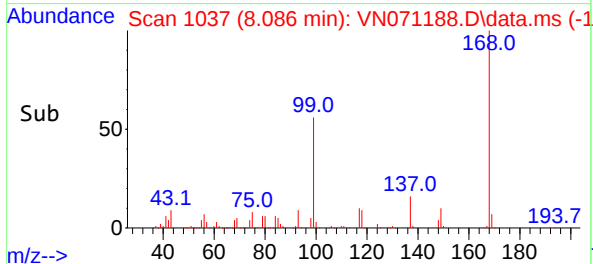


#38
Carbon Tetrachloride
Concen: 6.132 ug/l
RT: 8.086 min Scan# 1057
Delta R.T. -0.118 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

Instrument :
MSVOA_N
ClientSampleId :

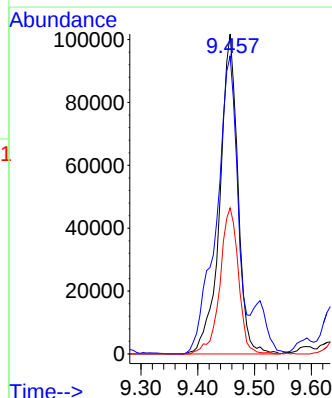
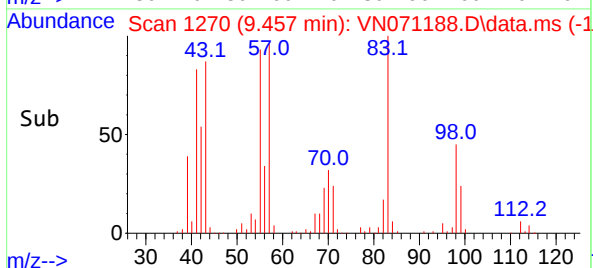
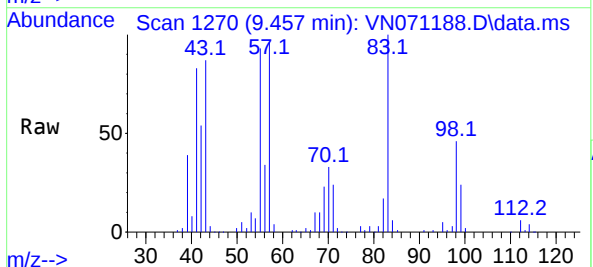


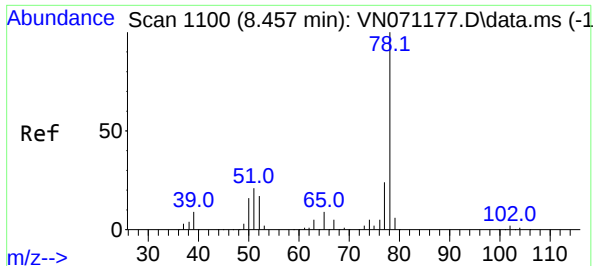
Tgt Ion:117 Resp: 74541
Ion Ratio Lower Upper
117 100
119 4.2 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 15.264 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

Tgt Ion: 83 Resp: 225665
Ion Ratio Lower Upper
83 100
55 93.1 58.1 87.1#
98 45.6 38.4 57.6

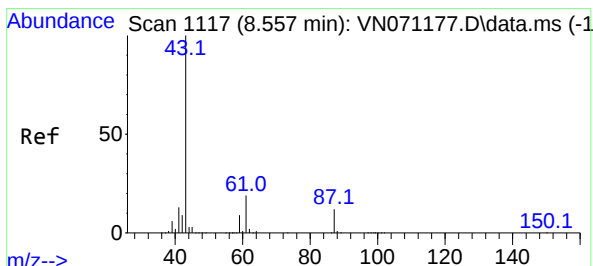
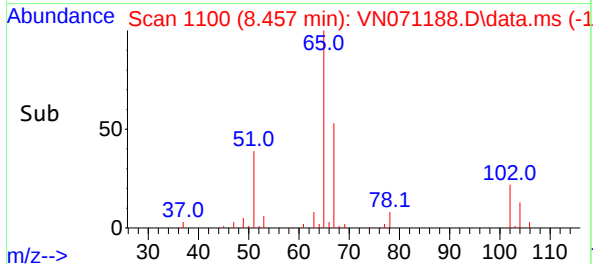
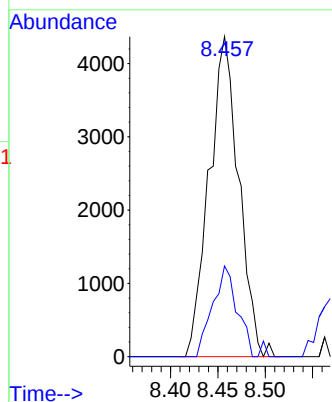
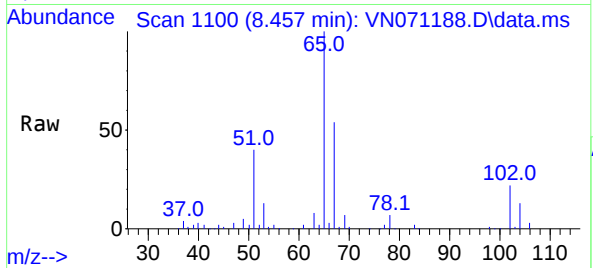




#40
Benzene
Concen: 0.251 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

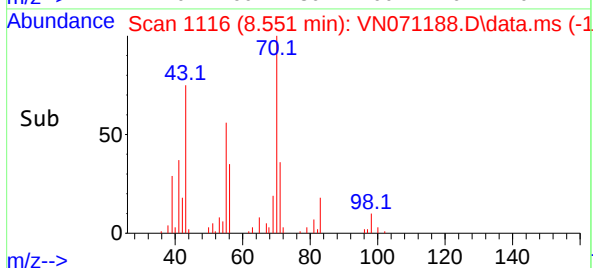
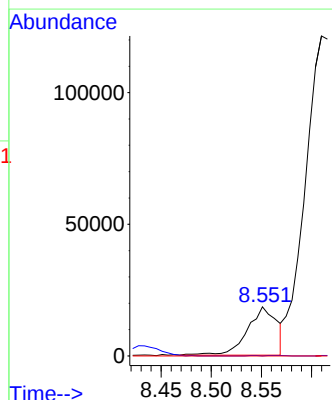
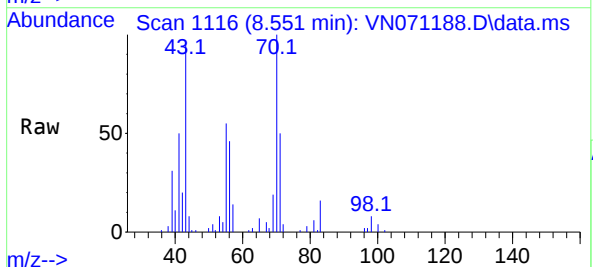
Instrument :
MSVOA_N
ClientSampleId :

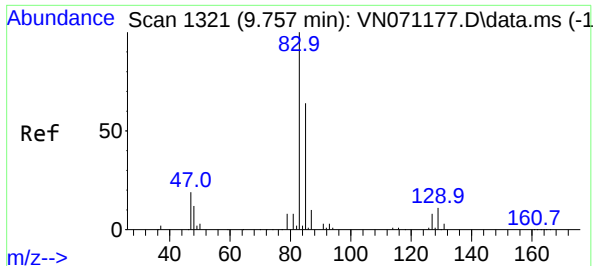
Tgt Ion: 78 Resp: 9506
Ion Ratio Lower Upper
78 100
77 28.4 18.6 27.8#



#43
Isopropyl Acetate
Concen: 1.453 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. -0.006 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

Tgt Ion: 43 Resp: 37576
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#

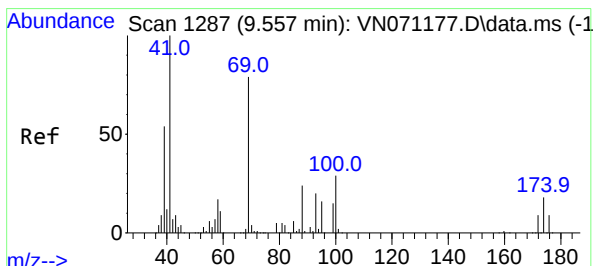
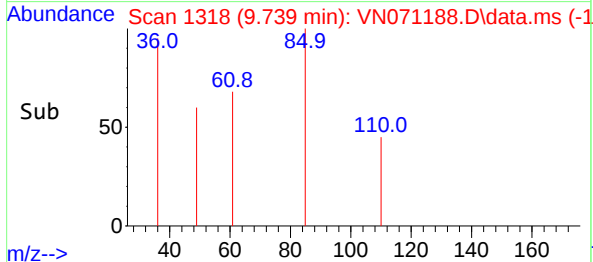
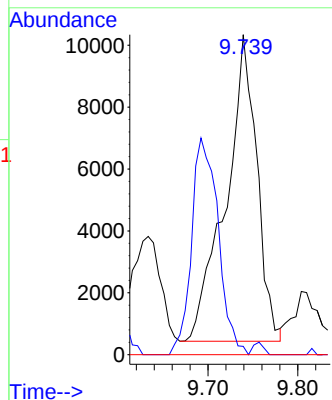
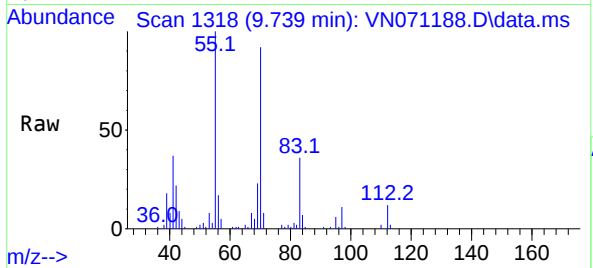




#47
Bromodichloromethane
Concen: 1.884 ug/l
RT: 9.739 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

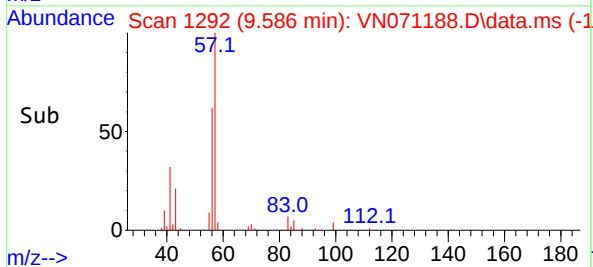
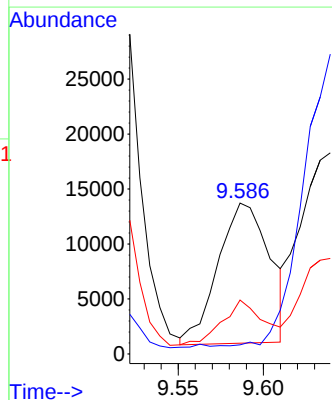
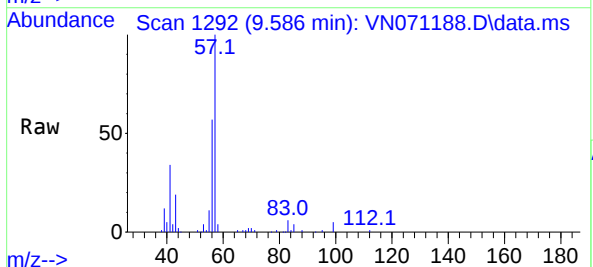
Instrument :
MSVOA_N
ClientSampleId :

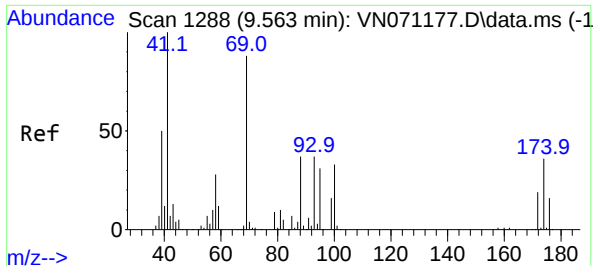
Tgt Ion: 83 Resp: 23819
Ion Ratio Lower Upper
83 100
85 2.7 50.9 76.3#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 2.244 ug/l
RT: 9.586 min Scan# 1292
Delta R.T. 0.029 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

Tgt Ion: 41 Resp: 26896
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 25.8 58.4 87.6#

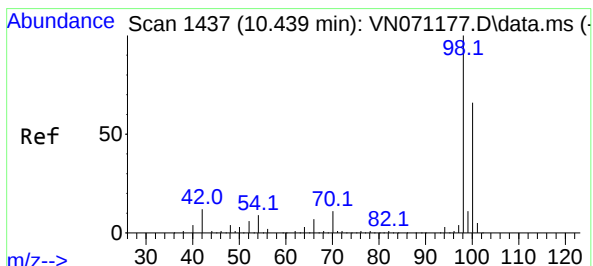
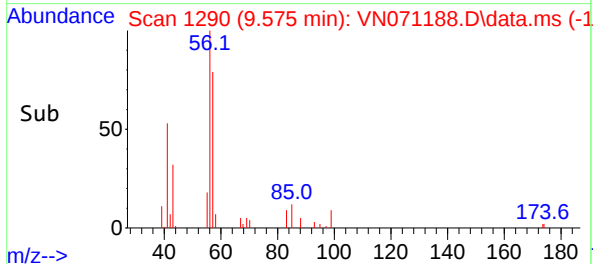
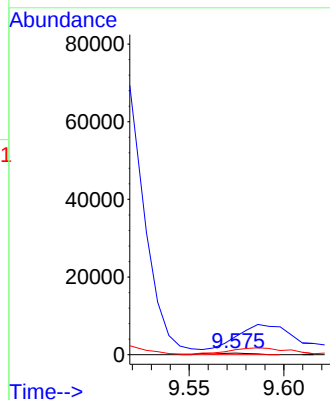
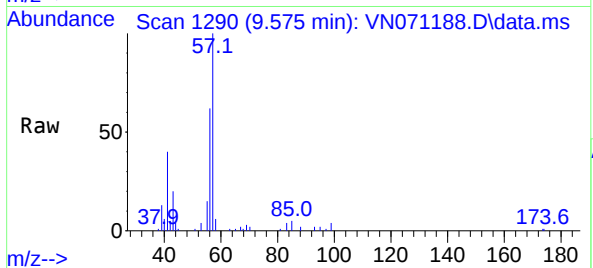




#49
1,4-Dioxane
Concen: 2.846 ug/l
RT: 9.575 min Scan# 1288
Delta R.T. 0.011 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

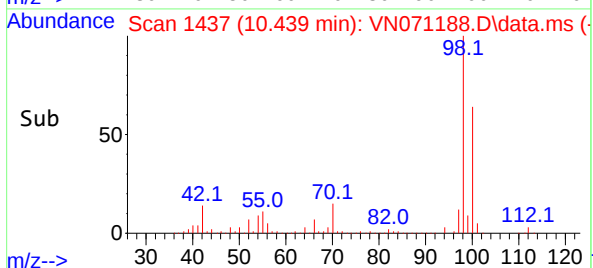
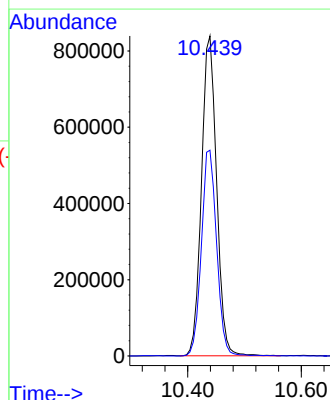
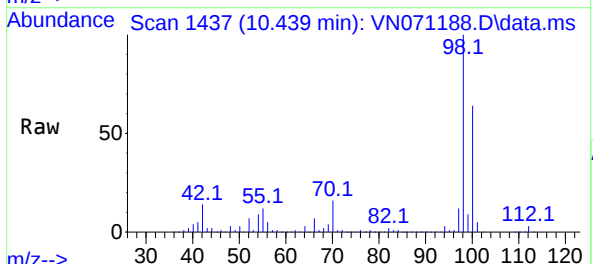
Instrument :
MSVOA_N
ClientSampleId :

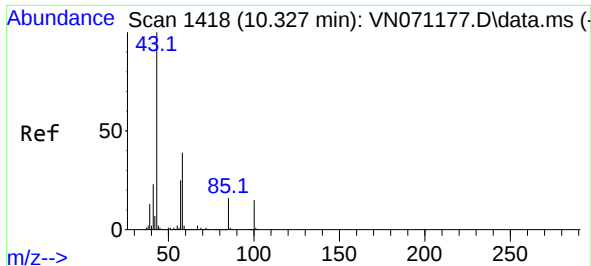
Tgt Ion: 88 Resp: 593
Ion Ratio Lower Upper
88 100
43 3478.1 23.4 35.2#
58 702.5 50.6 75.8#



#50
Toluene-d8
Concen: 49.001 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

Tgt Ion: 98 Resp: 1547460
Ion Ratio Lower Upper
98 100
100 65.1 50.4 75.6

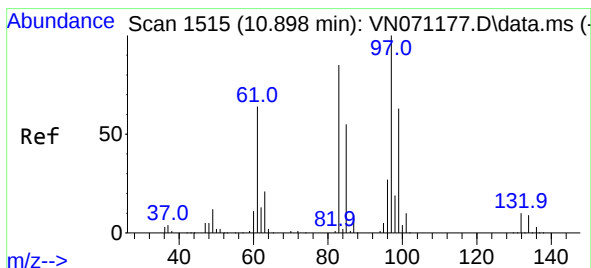
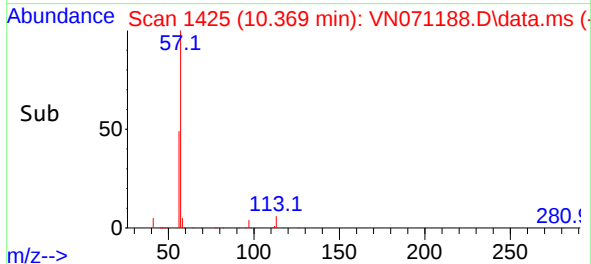
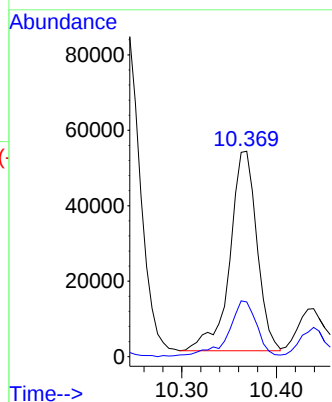
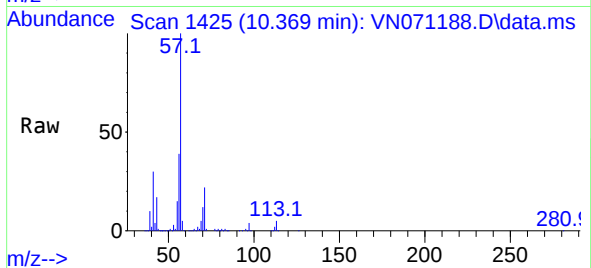




#51
4-Methyl-2-Pentanone
Concen: 6.532 ug/l
RT: 10.369 min Scan# 1418
Delta R.T. 0.042 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

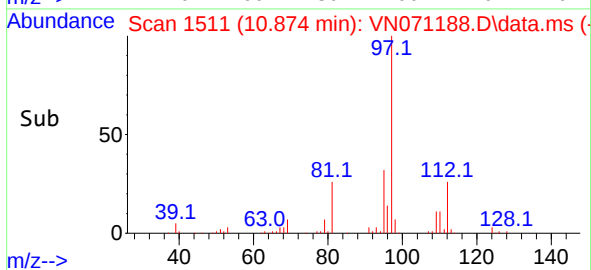
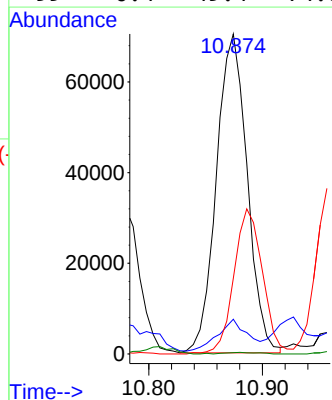
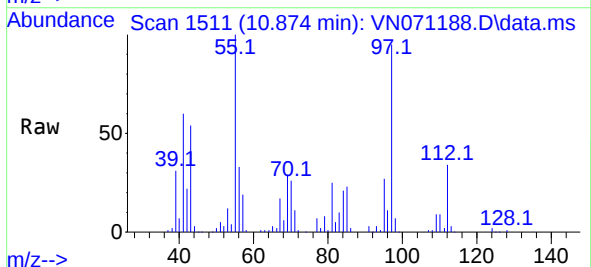
Instrument :
MSVOA_N
ClientSampleId :

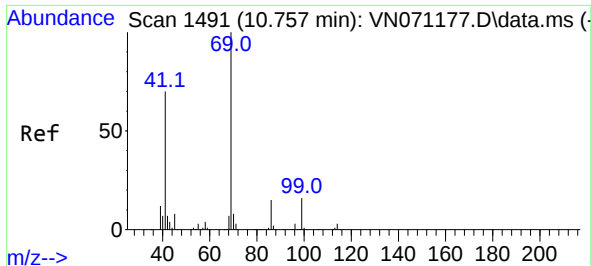
Tgt Ion: 43 Resp: 104845
Ion Ratio Lower Upper
43 100
58 29.9 30.4 45.6#



#55
1,1,2-Trichloroethane
Concen: 14.180 ug/l
RT: 10.874 min Scan# 1511
Delta R.T. -0.024 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

Tgt Ion: 97 Resp: 132484
Ion Ratio Lower Upper
97 100
83 9.8 67.8 101.6#
85 23.7 45.4 68.2#
99 0.4 49.4 74.0#

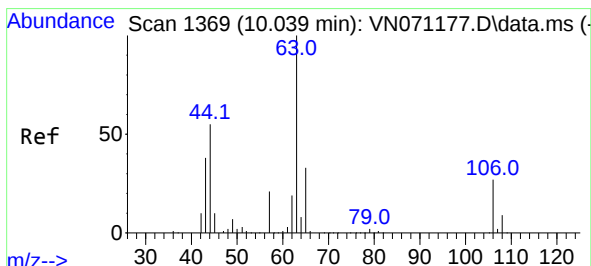
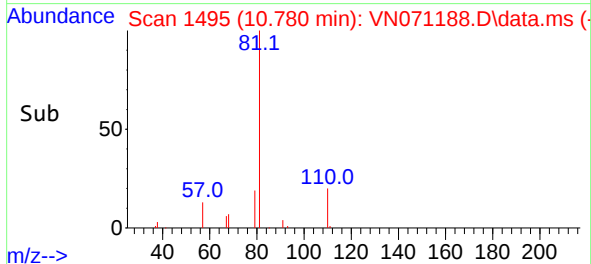
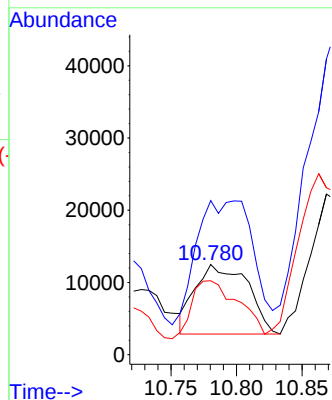
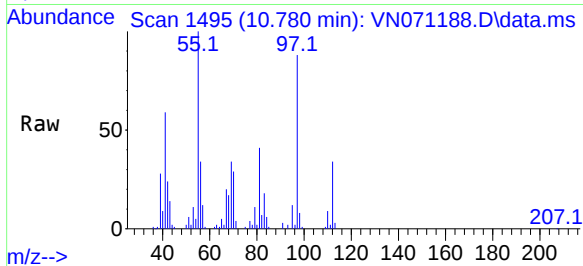




#56
Ethyl methacrylate
Concen: 1.743 ug/l
RT: 10.780 min Scan# 1495
Delta R.T. 0.023 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

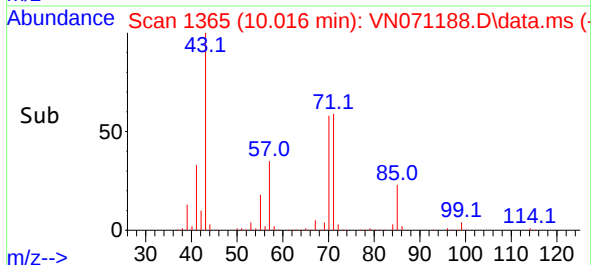
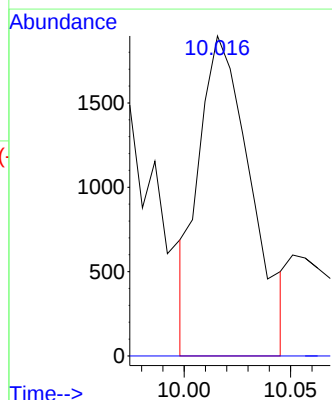
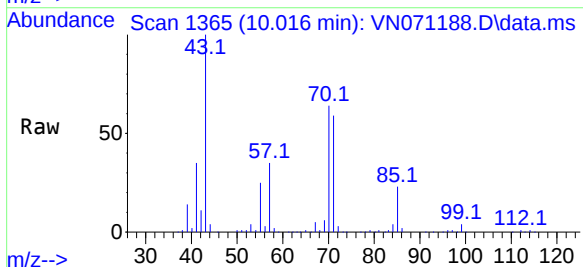
Instrument :
MSVOA_N
ClientSampleId :

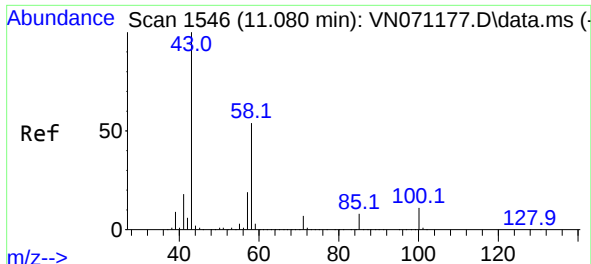
Tgt Ion: 69 Resp: 26601
Ion Ratio Lower Upper
69 100
41 204.9 51.4 77.0#
39 84.9 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 28.755 ug/l
RT: 10.016 min Scan# 1365
Delta R.T. -0.023 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

Tgt Ion: 63 Resp: 3209
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

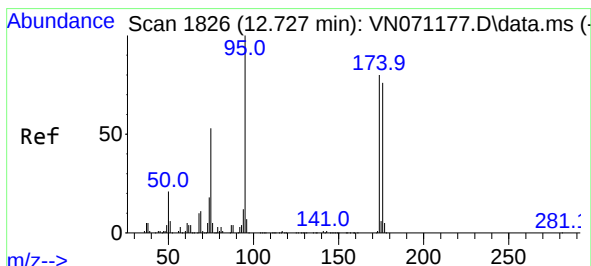
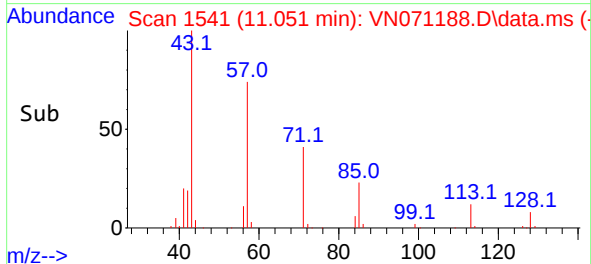
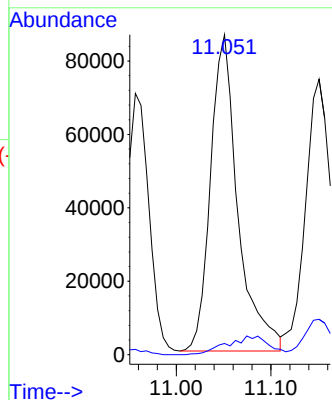
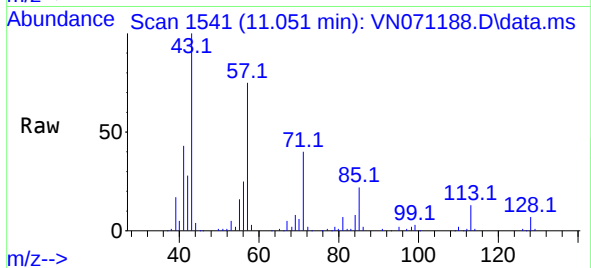




#59
2-Hexanone
Concen: 15.788 ug/l
RT: 11.051 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

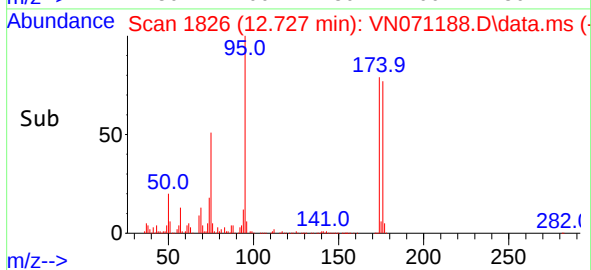
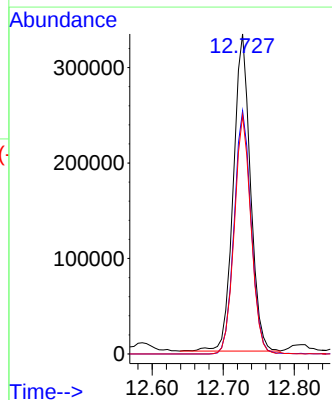
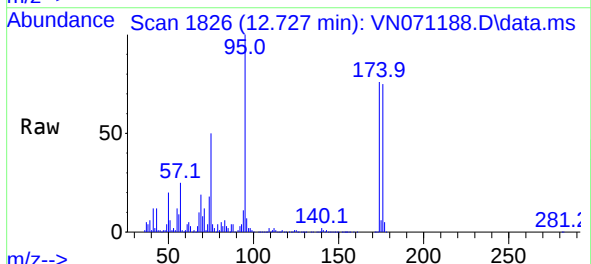
Instrument :
MSVOA_N
ClientSampleId :

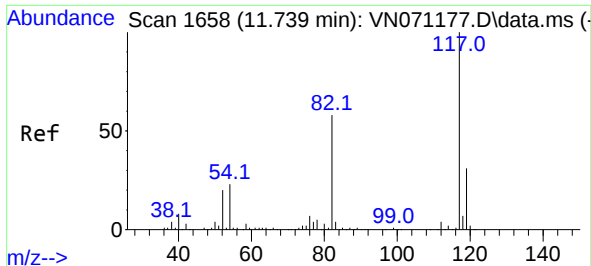
Tgt Ion: 43 Resp: 172907
Ion Ratio Lower Upper
43 100
58 0.0 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 51.932 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

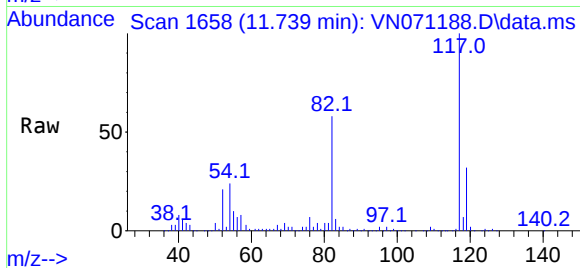
Tgt Ion: 95 Resp: 555362
Ion Ratio Lower Upper
95 100
174 76.3 0.0 187.2
176 73.6 0.0 181.4



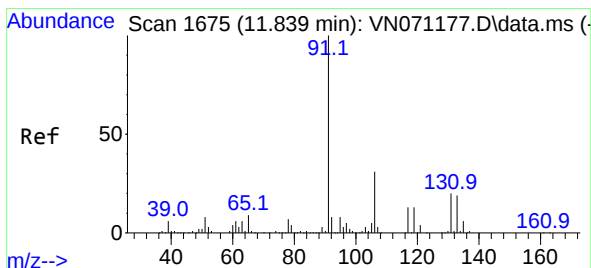
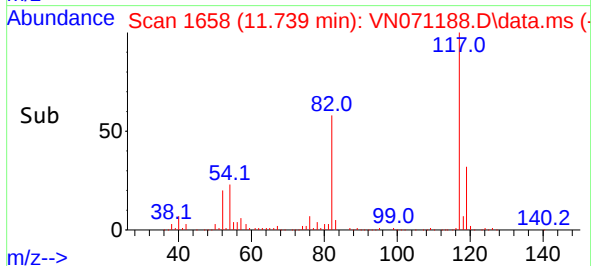
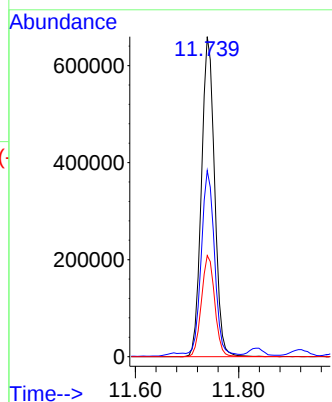


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

Instrument :
MSVOA_N
ClientSampleId :

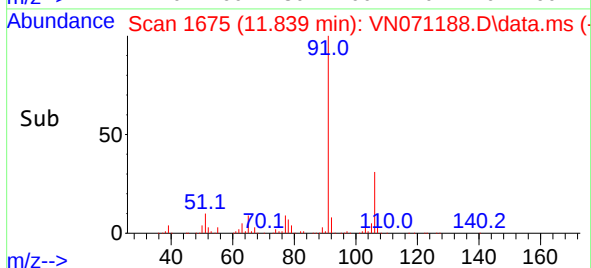
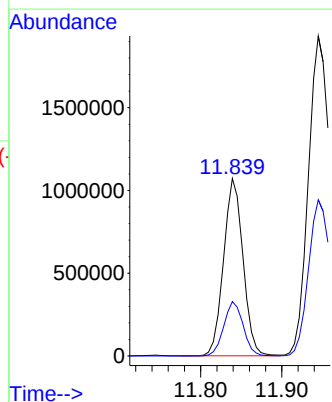
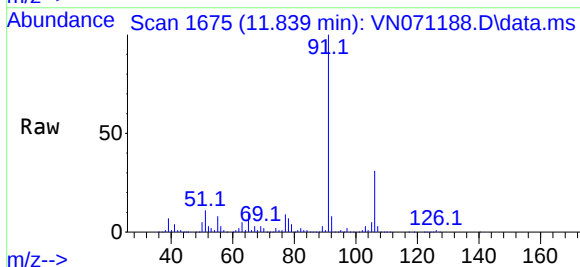


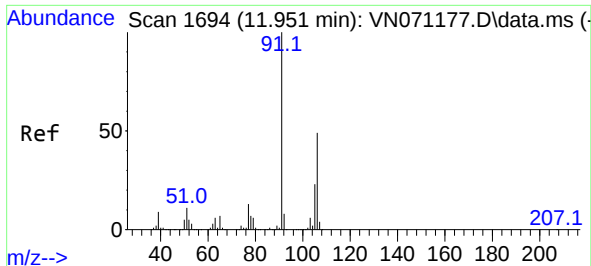
Tgt Ion:117 Resp: 1163510
Ion Ratio Lower Upper
117 100
82 57.7 42.4 63.6
119 31.6 25.4 38.2



#67
Ethyl Benzene
Concen: 40.353 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

Tgt Ion: 91 Resp: 1782825
Ion Ratio Lower Upper
91 100
106 30.7 25.7 38.5

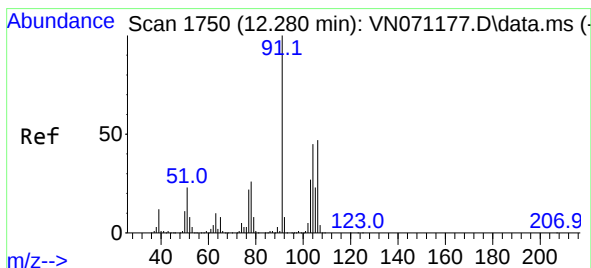
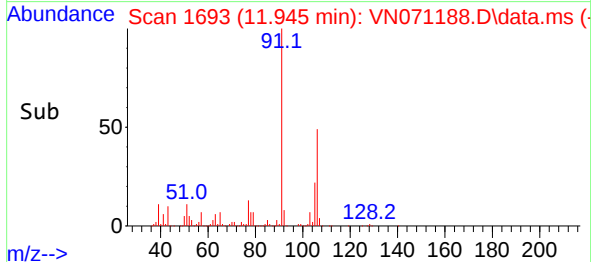
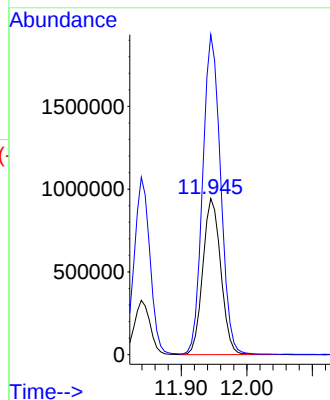
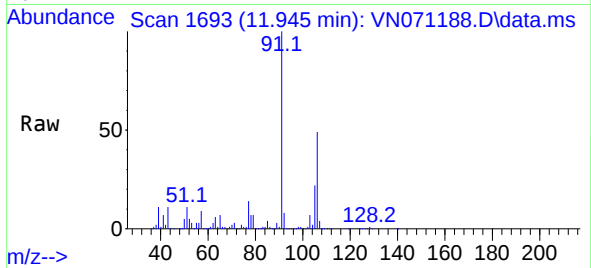




#68
m/p-Xylenes
Concen: 111.309 ug/l
RT: 11.945 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

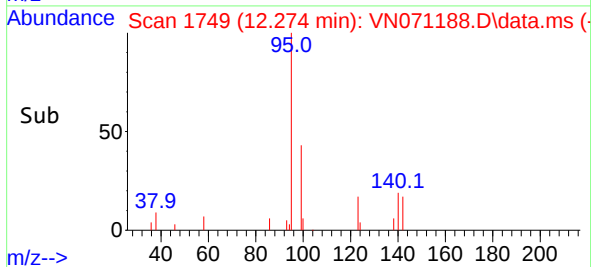
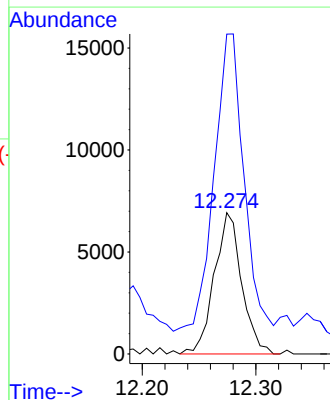
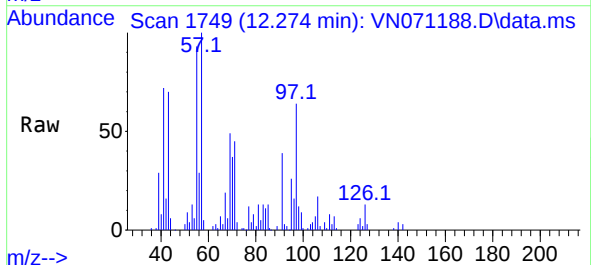
Instrument :
MSVOA_N
ClientSampleId :

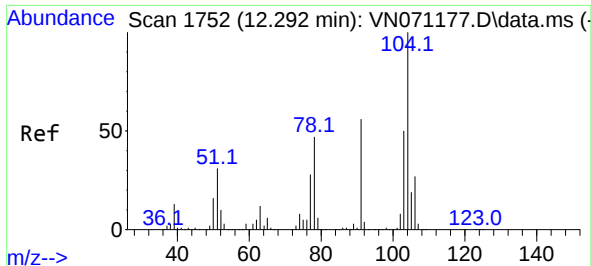
Tgt Ion:106 Resp: 1799015
Ion Ratio Lower Upper
106 100
91 204.3 160.6 240.8



#69
o-Xylene
Concen: 0.715 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

Tgt Ion:106 Resp: 11582
Ion Ratio Lower Upper
106 100
91 227.0 105.8 317.3

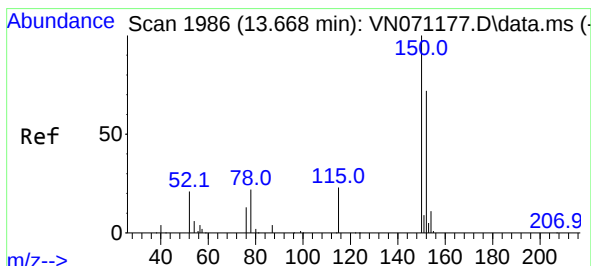
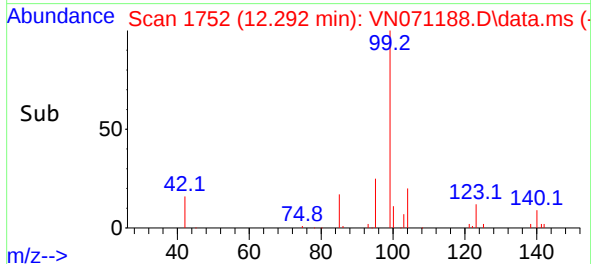
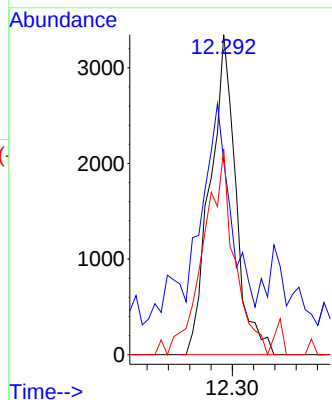
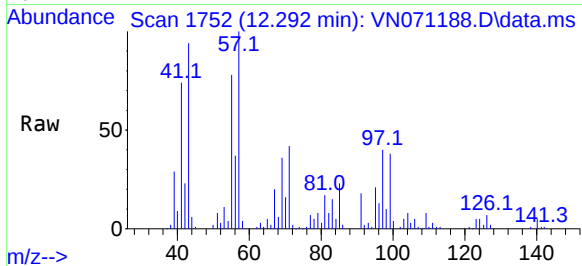




#70
Styrene
Concen: 0.223 ug/l
RT: 12.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

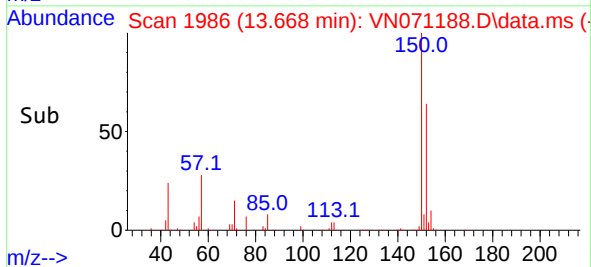
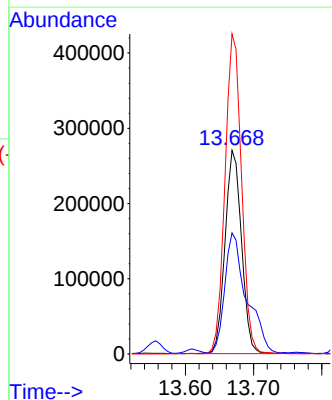
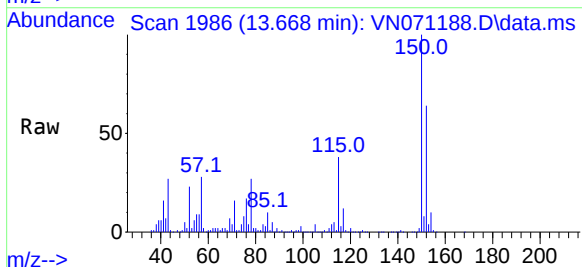
Instrument :
MSVOA_N
ClientSampleId :

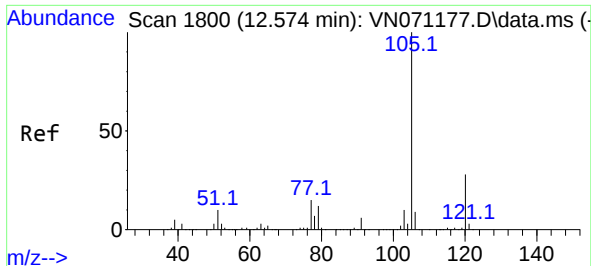
Tgt Ion:104 Resp: 5590
Ion Ratio Lower Upper
104 100
78 67.3 38.7 58.1#
103 78.0 45.0 67.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

Tgt Ion:152 Resp: 453890
Ion Ratio Lower Upper
152 100
115 78.5 27.5 82.5
150 157.8 0.0 344.4

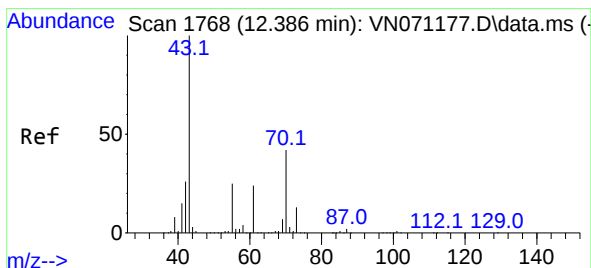
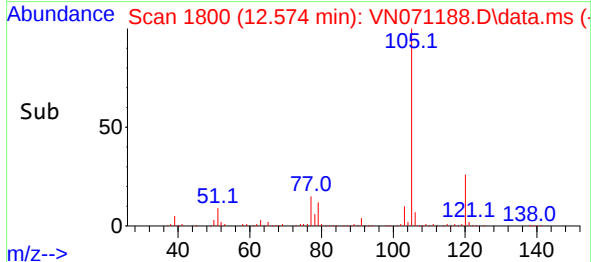
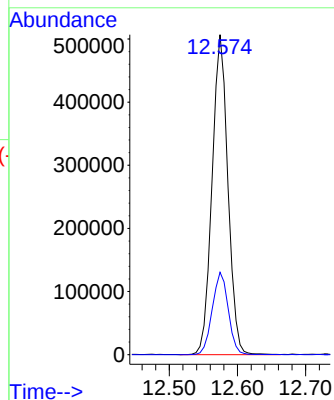
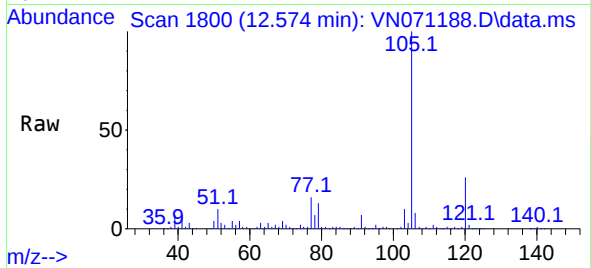




#73
Isopropylbenzene
Concen: 18.733 ug/l
RT: 12.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

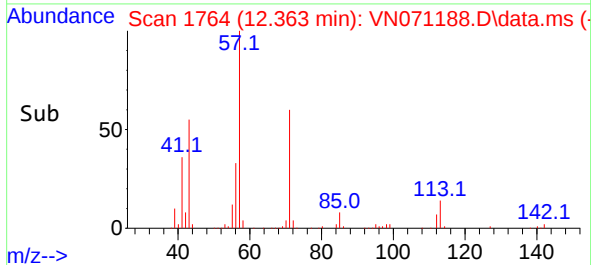
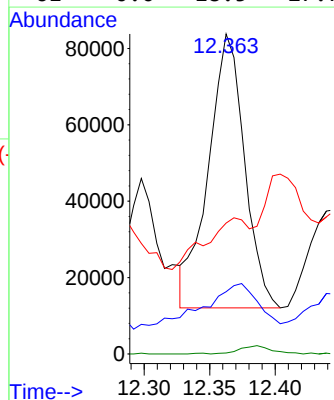
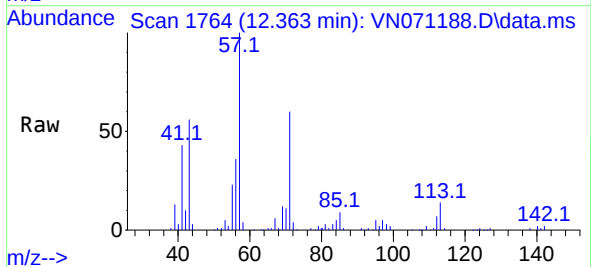
Instrument :
MSVOA_N
ClientSampleId :

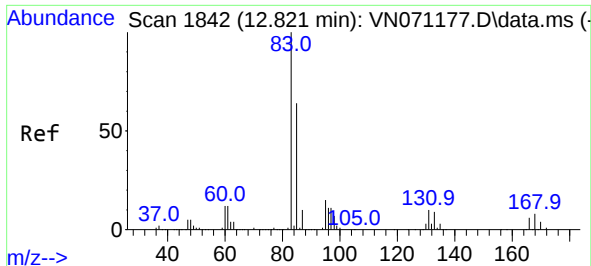
Tgt Ion:105 Resp: 819638
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1



#74
N-ethyl acetate
Concen: 8.336 ug/l
RT: 12.363 min Scan# 1764
Delta R.T. -0.023 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

Tgt Ion: 43 Resp: 137132
Ion Ratio Lower Upper
43 100
70 21.3 33.4 50.0#
55 22.4 19.3 28.9
61 0.0 18.5 27.7#

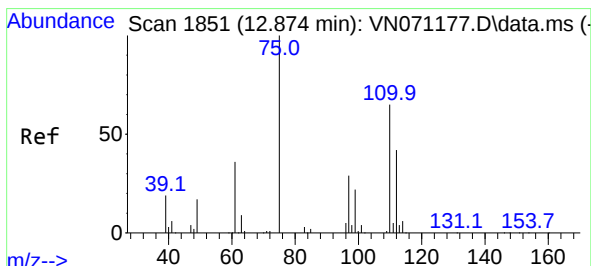
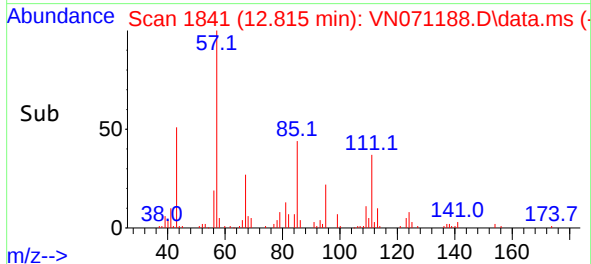
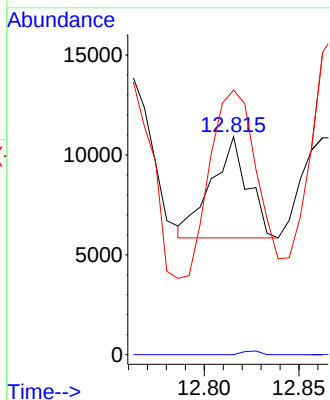
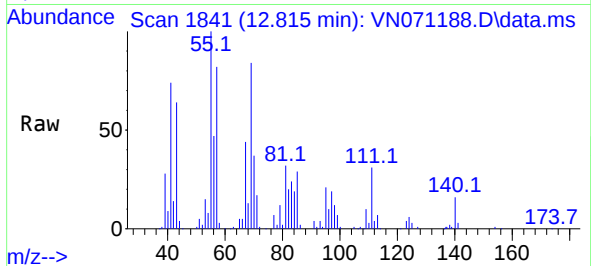




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.815 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

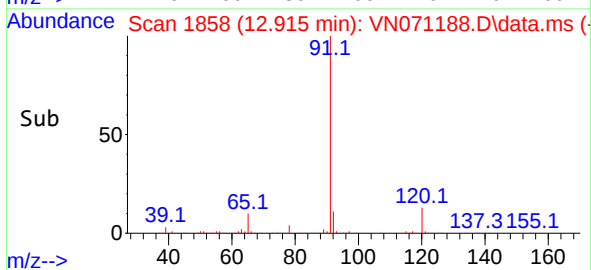
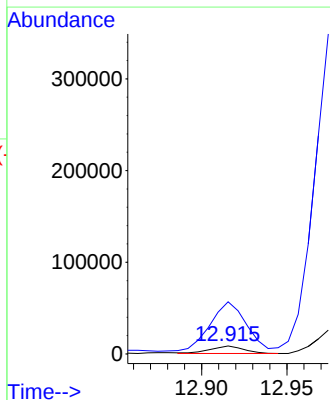
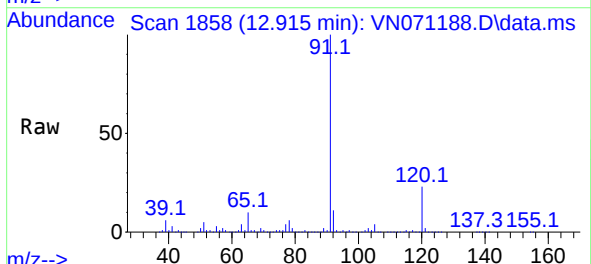
Instrument :
MSVOA_N
ClientSampleId :

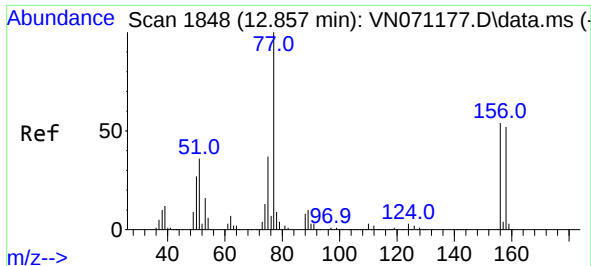
Tgt Ion: 83 Resp: 6757
Ion Ratio Lower Upper
83 100
131 1.8 5.5 16.5#
85 246.5 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: Below Cal
RT: 12.915 min Scan# 1858
Delta R.T. 0.041 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

Tgt Ion: 75 Resp: 11355
Ion Ratio Lower Upper
75 100
77 694.6 82.6 247.8#

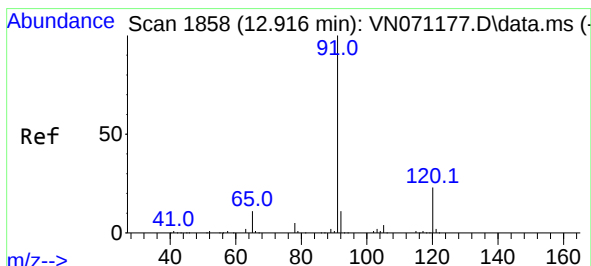
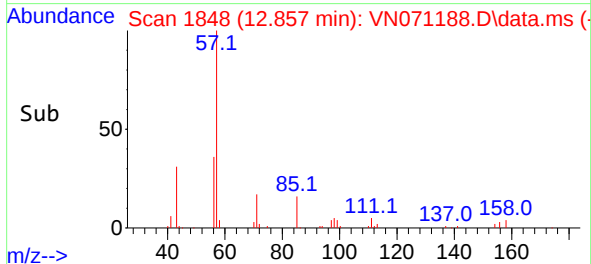
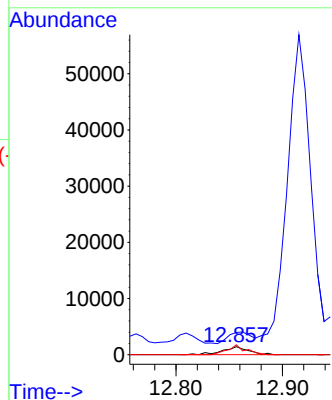
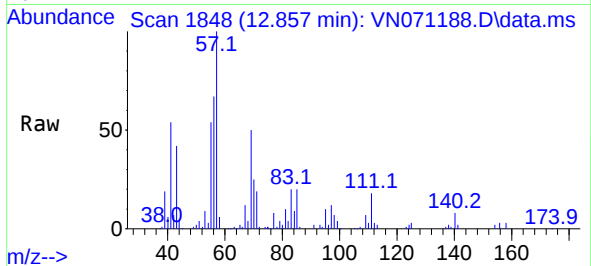




#77
Bromobenzene
Concen: 0.234 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

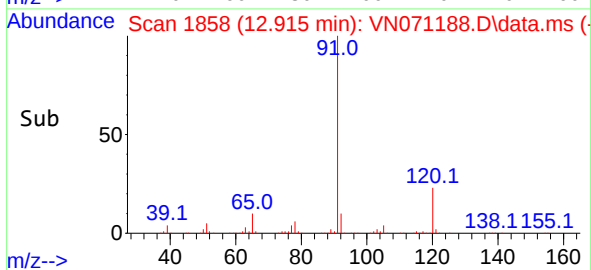
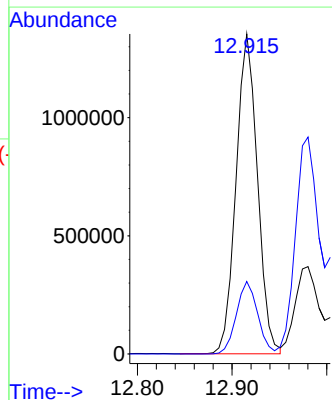
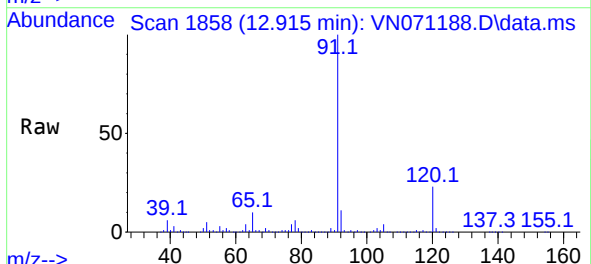
Instrument :
MSVOA_N
ClientSampleId :

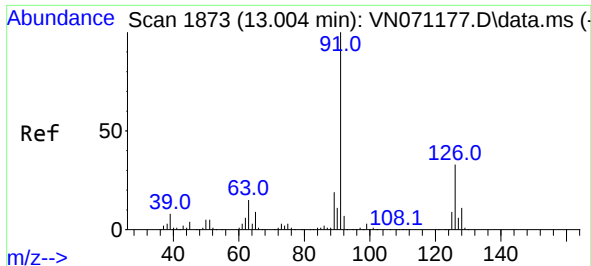
Tgt Ion:156 Resp: 2385
Ion Ratio Lower Upper
156 100
77 0.0 90.6 271.8#
158 86.8 48.9 146.7



#78
n-propylbenzene
Concen: 45.121 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

Tgt Ion: 91 Resp: 2118513
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.9





#79

2-Chlorotoluene

Concen: 28.645 ug/l

RT: 12.980 min Scan# 1869

Delta R.T. -0.024 min

Lab File: VN071188.D

Acq: 08 Mar 2022 14:17

Instrument :

MSVOA_N

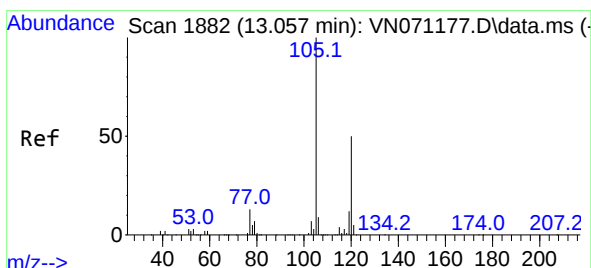
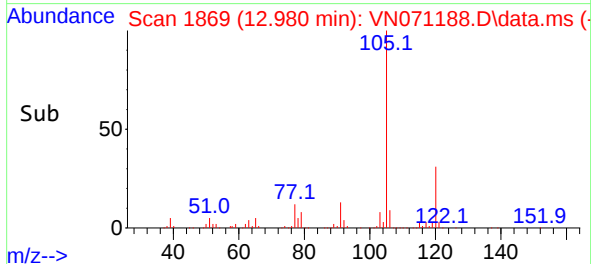
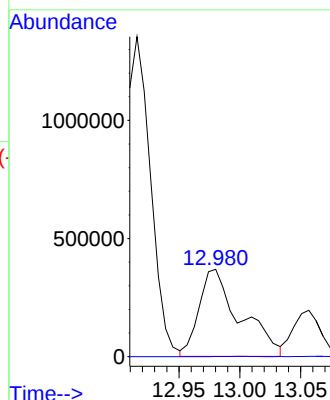
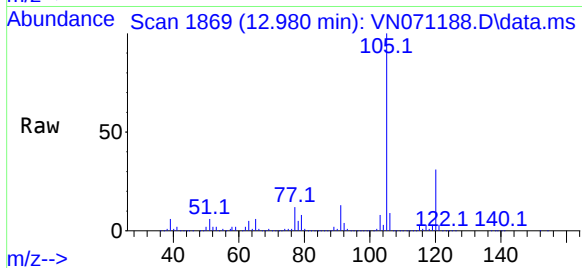
ClientSampleId :

Tgt Ion: 91 Resp: 863348

Ion Ratio Lower Upper

91 100

126 0.0 18.3 54.8#



#80

1,3,5-Trimethylbenzene

Concen: 84.285 ug/l

RT: 13.057 min Scan# 1882

Delta R.T. -0.000 min

Lab File: VN071188.D

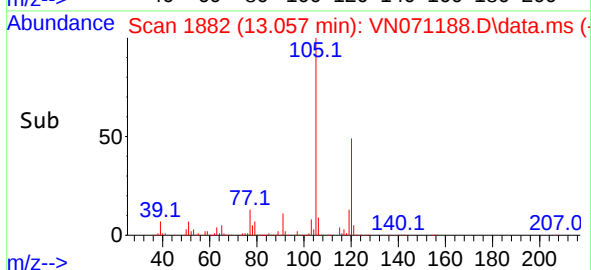
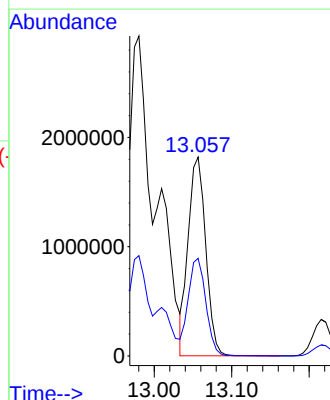
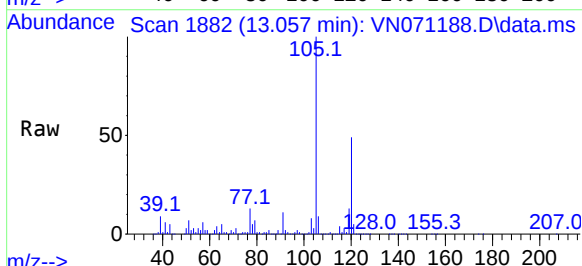
Acq: 08 Mar 2022 14:17

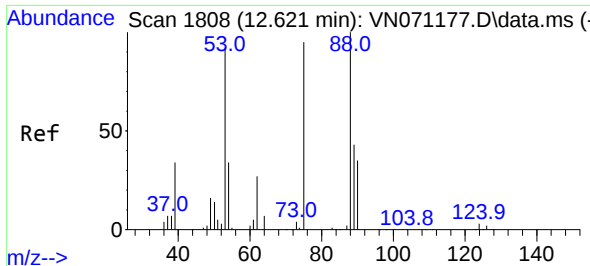
Tgt Ion:105 Resp: 2869147

Ion Ratio Lower Upper

105 100

120 49.3 24.6 73.6

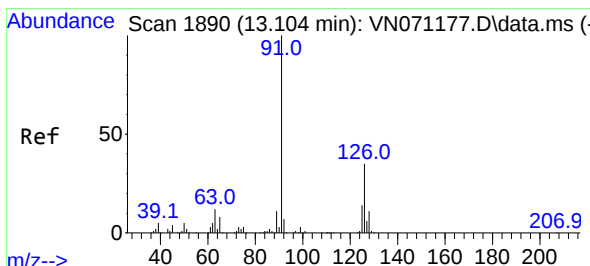
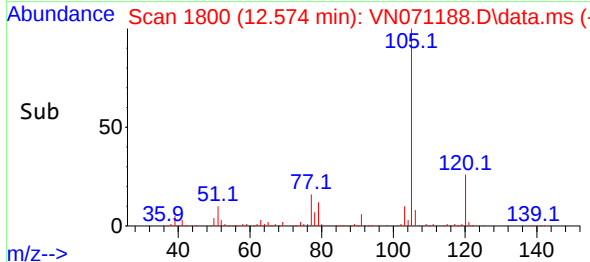
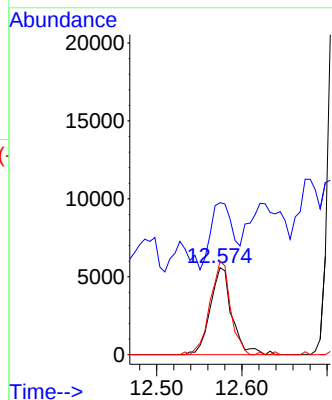
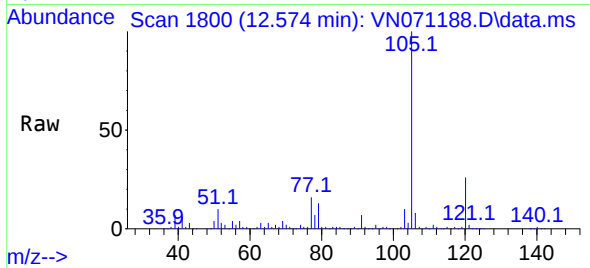




#81
trans-1,4-Dichloro-2-butene
Concen: 2.349 ug/l
RT: 12.574 min Scan# 1808
Delta R.T. -0.047 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

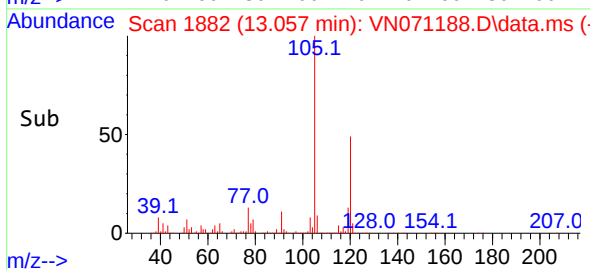
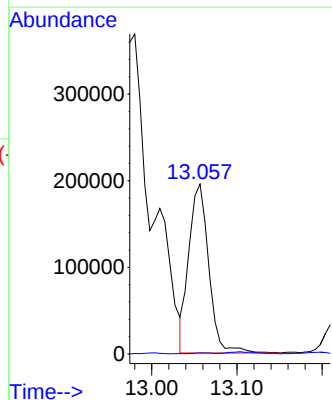
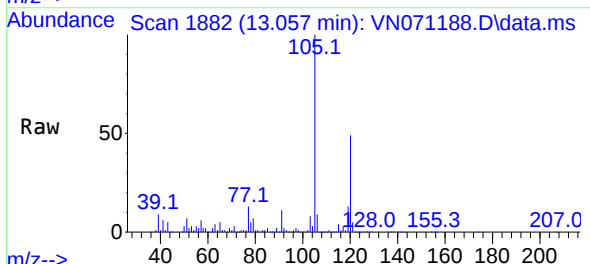
Instrument :
MSVOA_N
ClientSampleId :

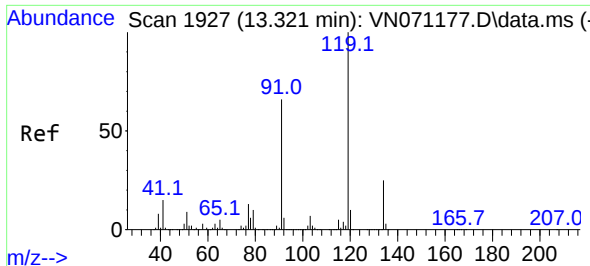
Tgt Ion: 75 Resp: 9862
Ion Ratio Lower Upper
75 100
53 79.7 90.5 135.7#
89 101.3 38.2 57.4#



#82
4-Chlorotoluene
Concen: 11.759 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.047 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

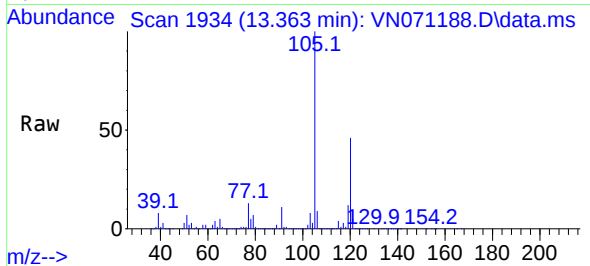
Tgt Ion: 91 Resp: 315680
Ion Ratio Lower Upper
91 100
126 0.5 18.2 54.6#



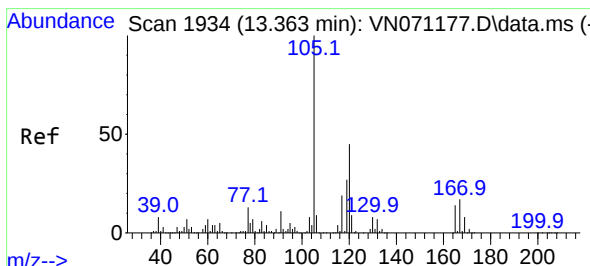
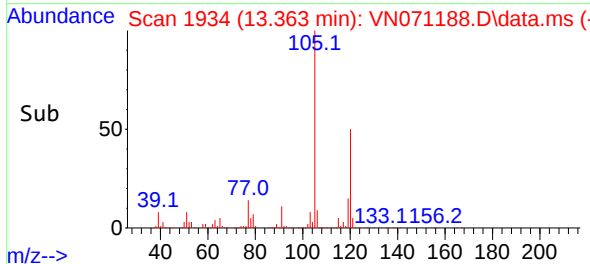
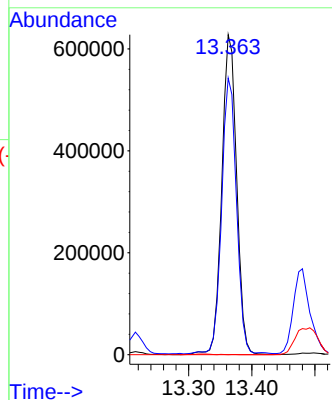


#83
 tert-Butylbenzene
 Concen: 33.794 ug/l
 RT: 13.363 min Scan# 1934
 Delta R.T. 0.041 min
 Lab File: VN071188.D
 Acq: 08 Mar 2022 14:17

Instrument :
 MSVOA_N
 ClientSampleId :

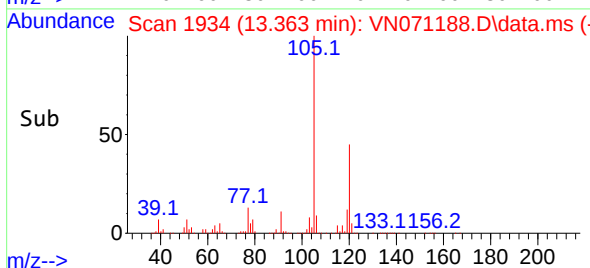
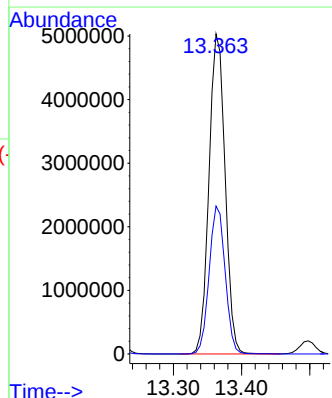
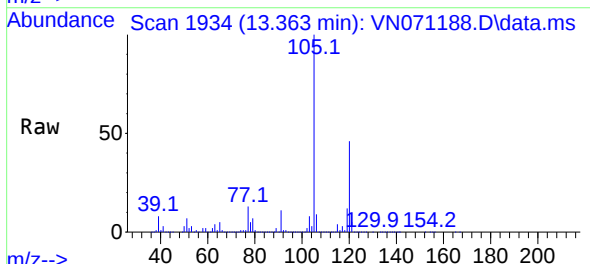


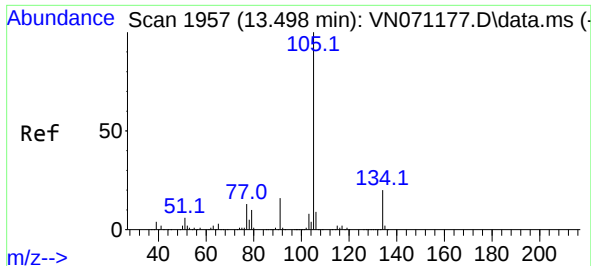
Tgt Ion:119 Resp: 1026625
 Ion Ratio Lower Upper
 119 100
 91 85.9 31.5 94.5
 134 0.0 12.4 37.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 253.718 ug/l
 RT: 13.363 min Scan# 1934
 Delta R.T. -0.000 min
 Lab File: VN071188.D
 Acq: 08 Mar 2022 14:17

Tgt Ion:105 Resp: 8272687
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.8 68.4

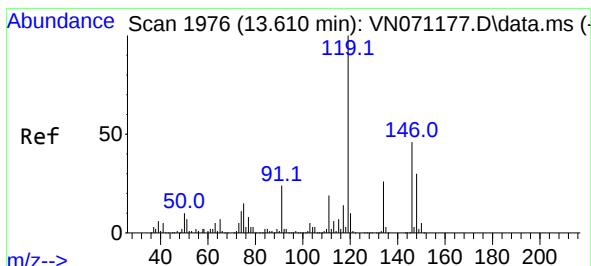
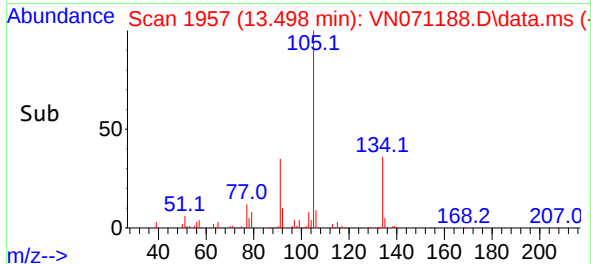
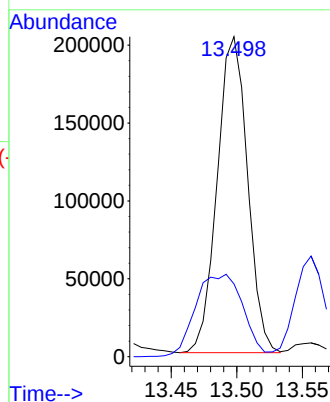
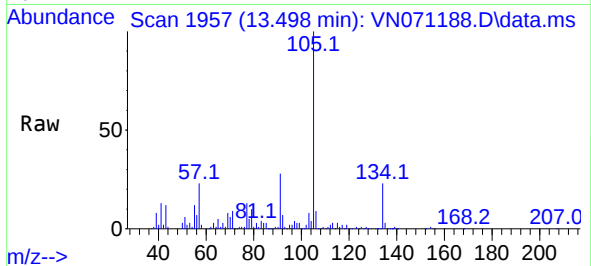




#85
 sec-Butylbenzene
 Concen: 8.084 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071188.D
 Acq: 08 Mar 2022 14:17

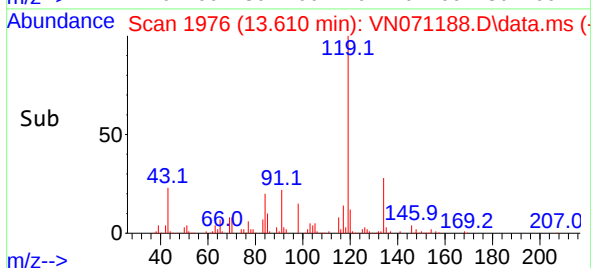
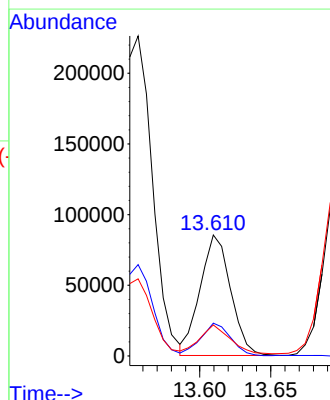
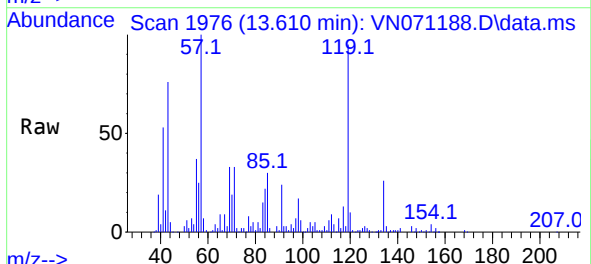
Instrument :
 MSVOA_N
 ClientSampleId :

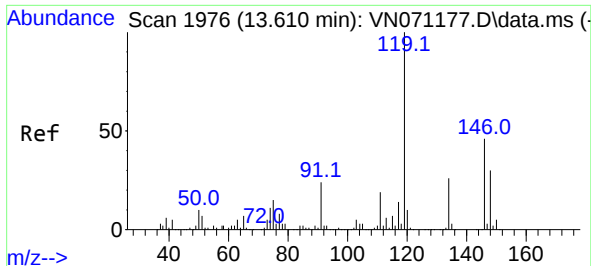
Tgt Ion:105 Resp: 326432
 Ion Ratio Lower Upper
 105 100
 134 40.5 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 4.020 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071188.D
 Acq: 08 Mar 2022 14:17

Tgt Ion:119 Resp: 127650
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.6 40.7
 91 22.9 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 0.358 ug/l

RT: 13.615 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VN071188.D

Acq: 08 Mar 2022 14:17

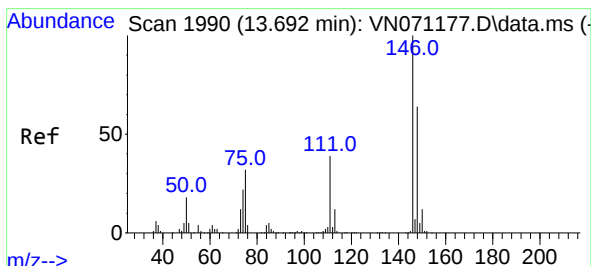
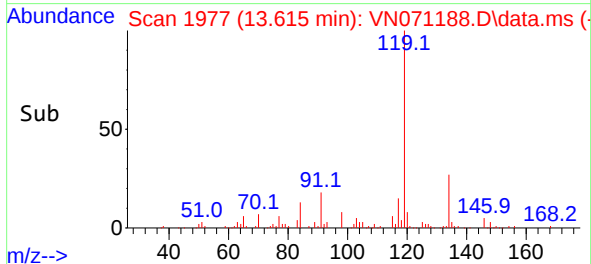
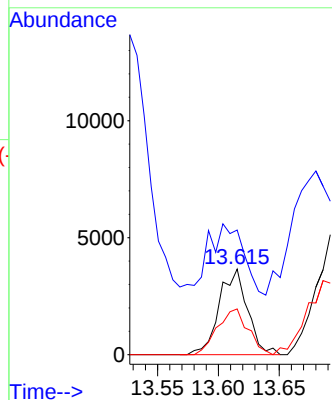
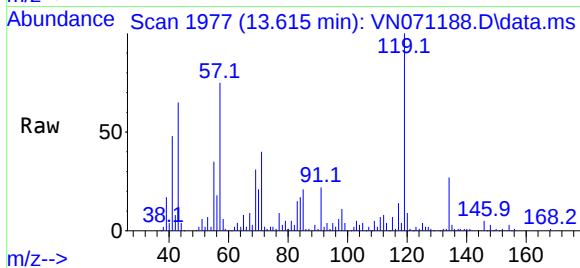
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:146 Resp: 5928

Ion	Ratio	Lower	Upper
146	100		
111	98.9	18.6	55.6#
148	57.8	31.6	95.0



#88

1,4-Dichlorobenzene

Concen: 0.471 ug/l

RT: 13.692 min Scan# 1990

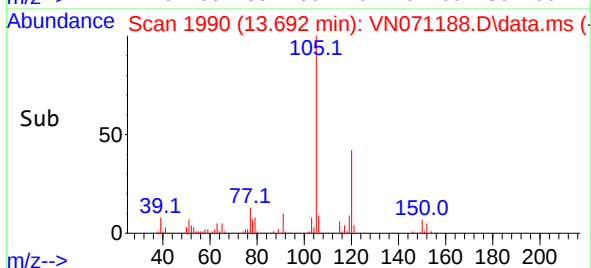
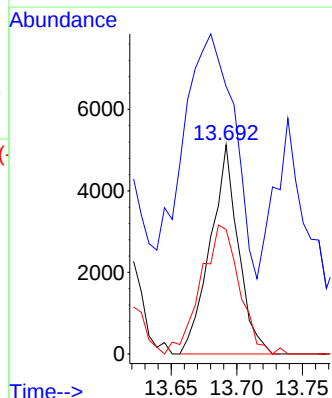
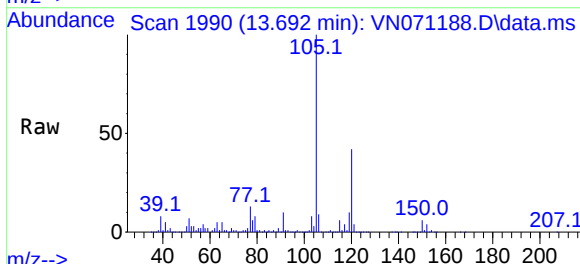
Delta R.T. -0.000 min

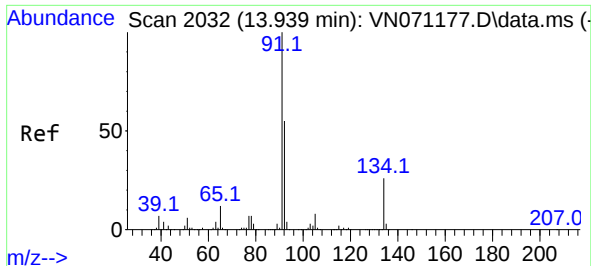
Lab File: VN071188.D

Acq: 08 Mar 2022 14:17

Tgt Ion:146 Resp: 7636

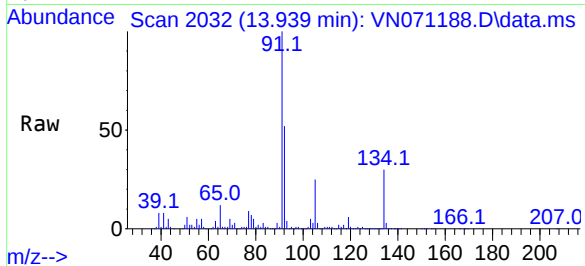
Ion	Ratio	Lower	Upper
146	100		
111	210.5	18.3	54.8#
148	84.7	31.8	95.4



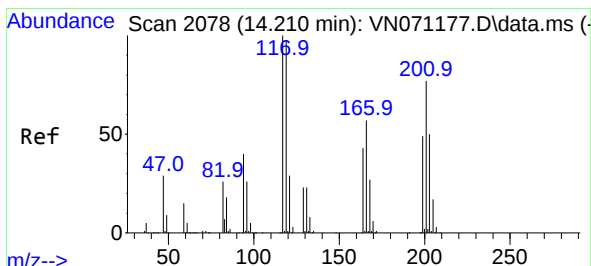
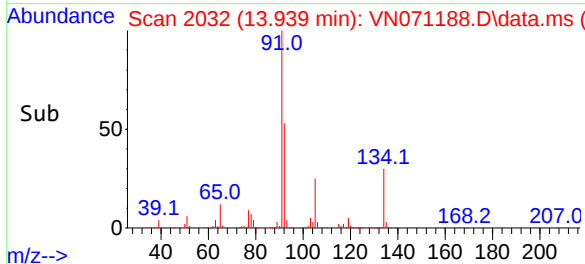
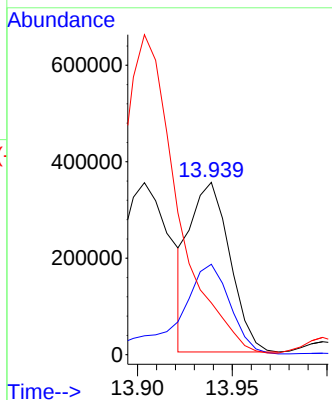


#89
n-Butylbenzene
Concen: 20.669 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

Instrument :
MSVOA_N
ClientSampleId :

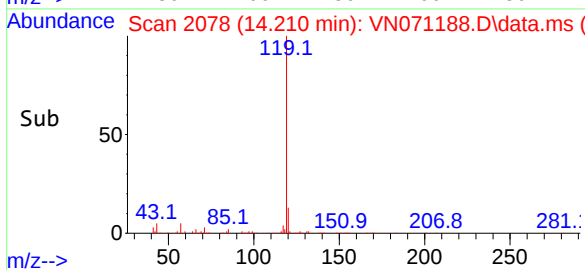
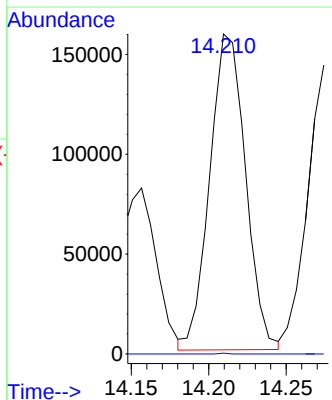
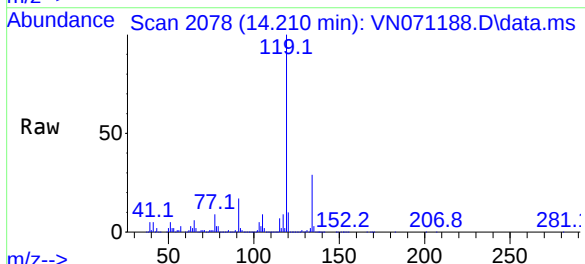


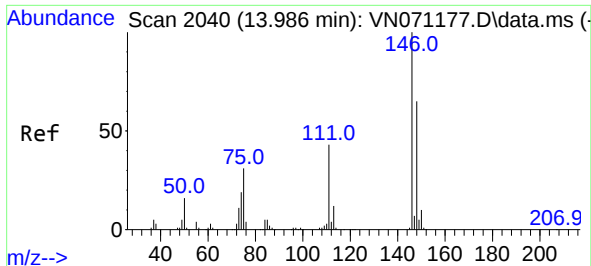
Tgt Ion: 91 Resp: 513348
Ion Ratio Lower Upper
91 100
92 67.3 25.4 76.0
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 40.228 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

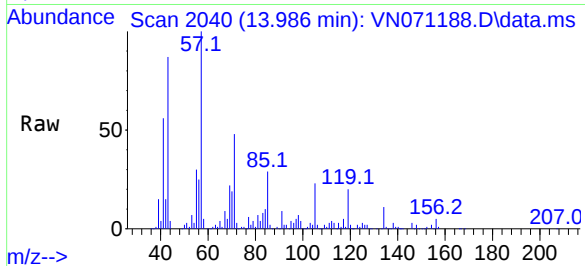
Tgt Ion: 117 Resp: 254036
Ion Ratio Lower Upper
117 100
201 0.1 43.9 131.6#



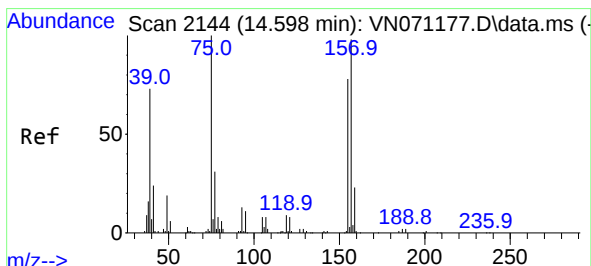
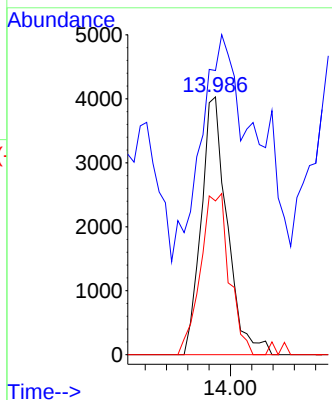
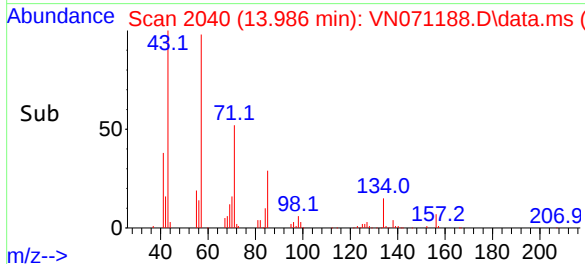


#91
1,2-Dichlorobenzene
Concen: 0.428 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

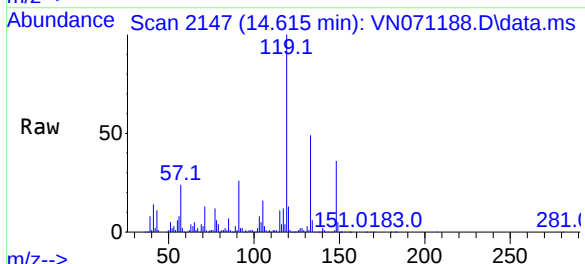
Instrument :
MSVOA_N
ClientSampleId :



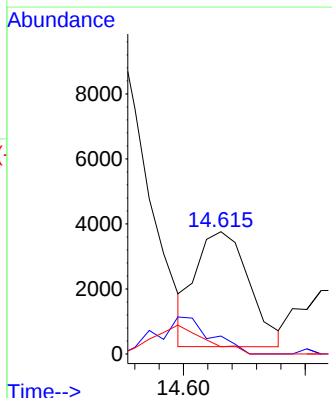
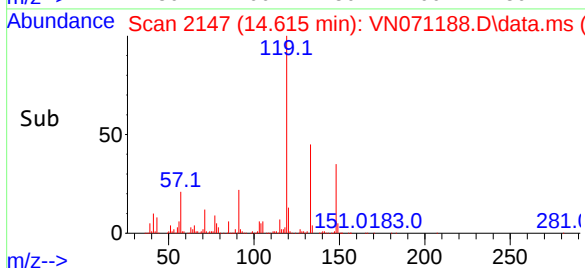
Tgt Ion:146 Resp: 6829
Ion Ratio Lower Upper
146 100
111 190.0 19.1 57.3#
148 69.1 32.1 96.3

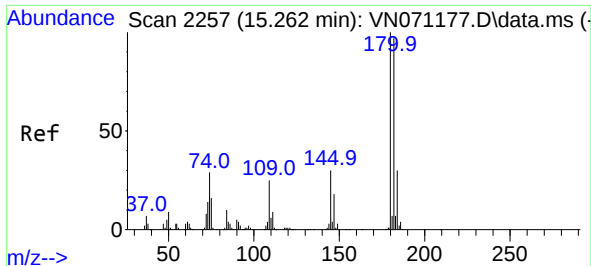


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.111 ug/l
RT: 14.615 min Scan# 2147
Delta R.T. 0.018 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17



Tgt Ion: 75 Resp: 5375
Ion Ratio Lower Upper
75 100
155 32.4 46.9 140.7#
157 24.6 60.6 181.7#





#93

1,2,4-Trichlorobenzene

Concen: 4.877 ug/l

RT: 15.256 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN071188.D

Acq: 08 Mar 2022 14:17

Instrument :

MSVOA_N

ClientSampleId :

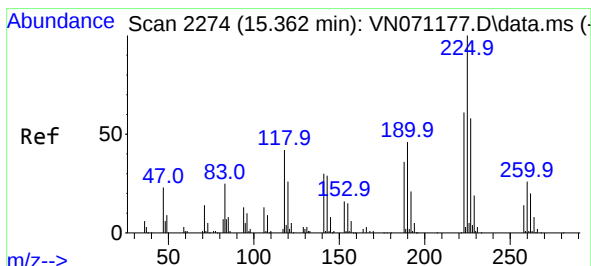
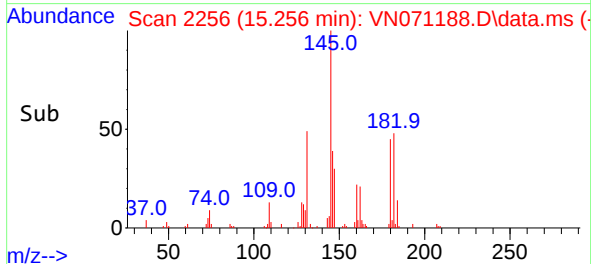
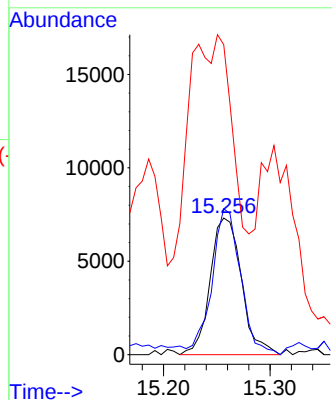
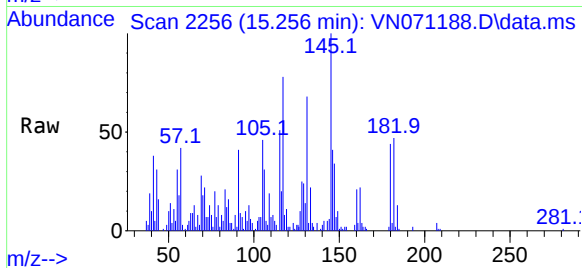
Tgt Ion:180 Resp: 14937

Ion Ratio Lower Upper

180 100

182 97.5 48.3 144.9

145 0.0 14.5 43.5#



#94

Hexachlorobutadiene

Concen: 0.399 ug/l

RT: 15.368 min Scan# 2275

Delta R.T. 0.006 min

Lab File: VN071188.D

Acq: 08 Mar 2022 14:17

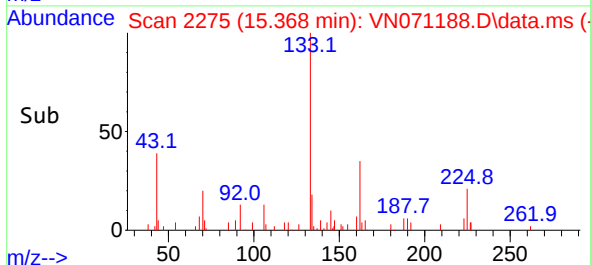
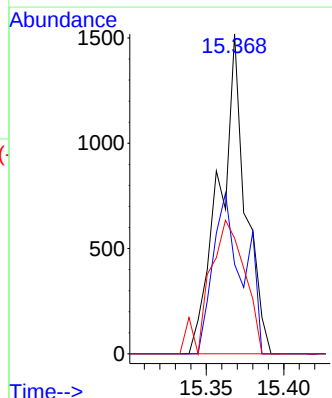
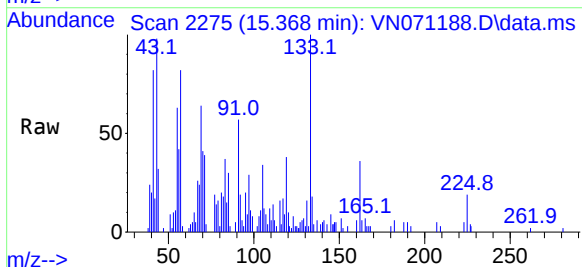
Tgt Ion:225 Resp: 1787

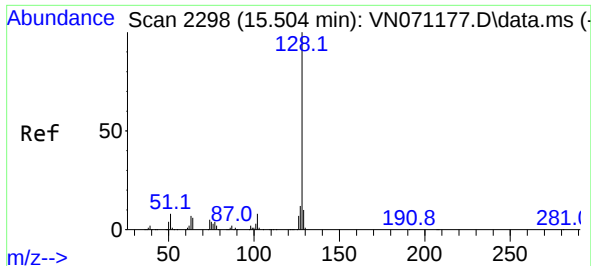
Ion Ratio Lower Upper

225 100

223 57.4 31.9 95.7

227 56.5 32.1 96.3

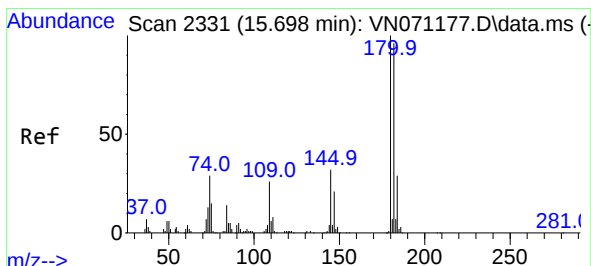
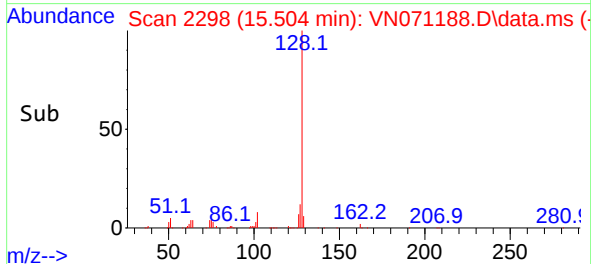
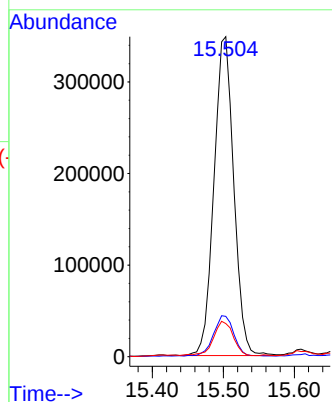
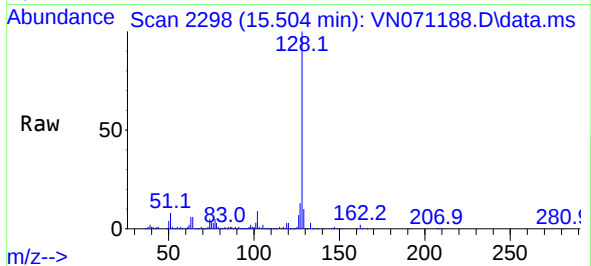




#95
Naphthalene
Concen: 34.109 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 672418
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 5.104 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071188.D
Acq: 08 Mar 2022 14:17

Tgt Ion:180 Resp: 17884
Ion Ratio Lower Upper
180 100
182 102.4 47.4 142.2
145 0.0 15.0 45.1#

