

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041122\
 Data File : VN071941.D
 Acq On : 11 Apr 2022 17:17
 Operator : JC\MD
 Sample : PB143992ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 12 08:41:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

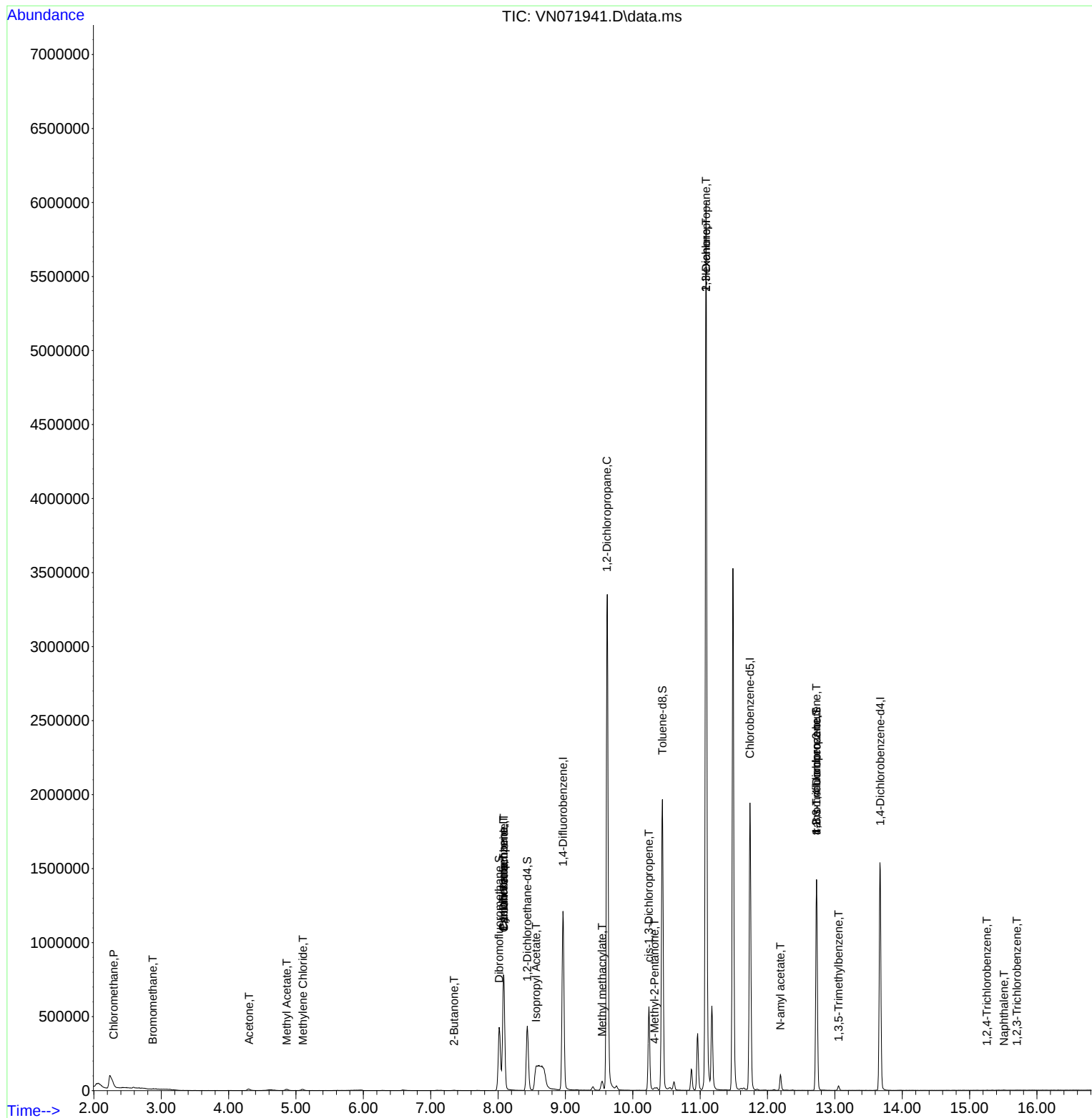
Internal Standards						
1) Pentafluorobenzene	8.080	168	655943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1136157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1198448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	465587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	356304	47.581	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.160%
35) Dibromofluoromethane	8.016	113	318763	47.679	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.360%
50) Toluene-d8	10.439	98	1442888	52.758	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.520%
62) 4-Bromofluorobenzene	12.727	95	513088	58.007	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	116.020%
Target Compounds						
					Qvalue	
3) Chloromethane	2.293	50	1922	0.291	ug/l #	75
5) Bromomethane	2.875	94	1202	0.255	ug/l #	37
16) Acetone	4.304	43	18112	5.660	ug/l	91
18) Methyl Acetate	4.863	43	18696	0.872	ug/l	93
20) Methylene Chloride	5.104	84	6925	1.027	ug/l #	80
25) 2-Butanone	7.345	43	4025	0.872	ug/l #	84
31) Cyclohexane	8.080	56	10438	1.025	ug/l #	1
36) 1,1-Dichloropropene	8.080	75	44419	4.758	ug/l #	49
38) Carbon Tetrachloride	8.086	117	59742	6.529	ug/l #	16
43) Isopropyl Acetate	8.563	43	212812	12.521	ug/l #	69
45) 1,2-Dichloropropane	9.616	63	4743	0.644	ug/l #	44
48) Methyl methacrylate	9.545	41	15913	2.257	ug/l #	10
49) 1,4-Dioxane	9.569	88	53	Below Cal	#	1
51) 4-Methyl-2-Pentanone	10.321	43	11260	1.152	ug/l	97
54) cis-1,3-Dichloropropene	10.239	75	113697	9.971	ug/l #	58
57) 1,3-Dichloropropane	11.086	76	69225	5.396	ug/l #	42
59) 2-Hexanone	11.086	43	831626	120.872	ug/l #	48
74) N-amyl acetate	12.192	43	30531	2.716	ug/l #	50
76) 1,2,3-Trichloropropane	12.727	75	241373	22.379	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.057	105	15091	0.485	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.727	75	241373	69.352	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.256	180	433	2.142	ug/l #	85
95) Naphthalene	15.509	128	1987	3.889	ug/l #	73
96) 1,2,3-Trichlorobenzene	15.704	180	416	2.469	ug/l #	54

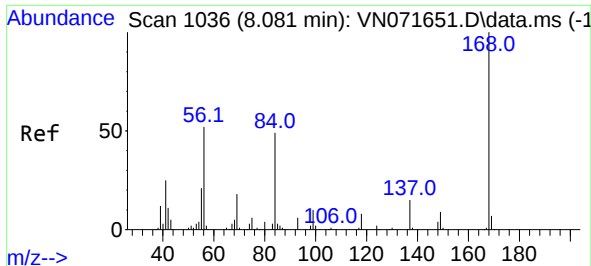
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041122\
Data File : VN071941.D
Acq On : 11 Apr 2022 17:17
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Sample : PB143992ZHE#03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

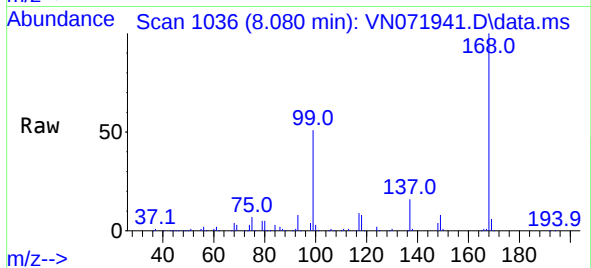
Quant Time: Apr 12 08:41:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration



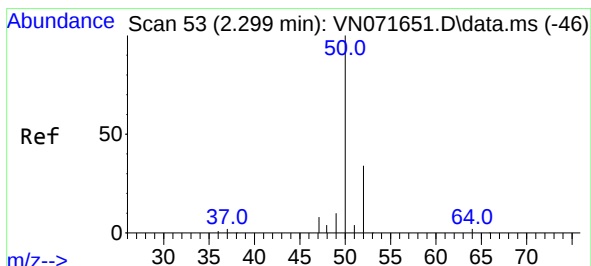
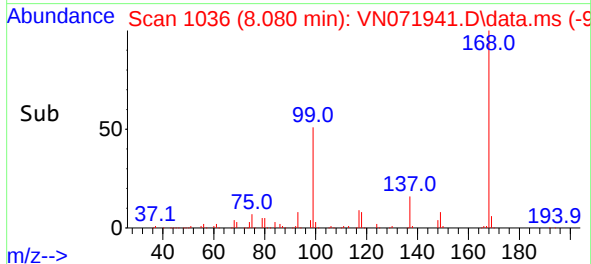
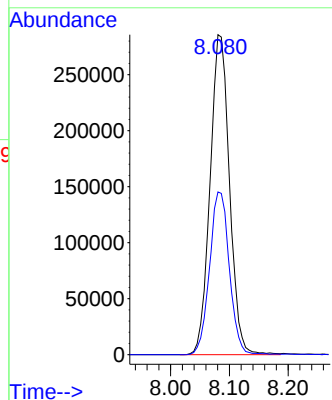


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN071941.D
Acq: 11 Apr 2022 17:17

Instrument :
MSVOA_N
ClientSampleId :

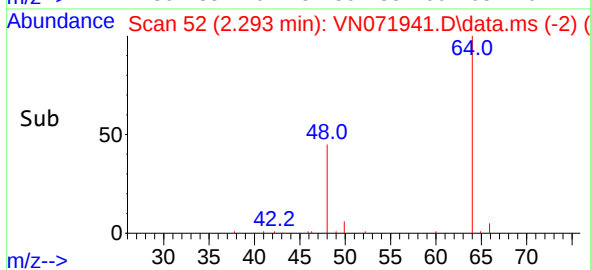
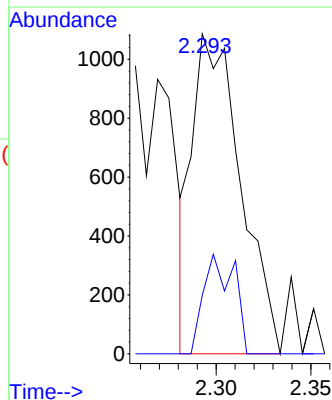
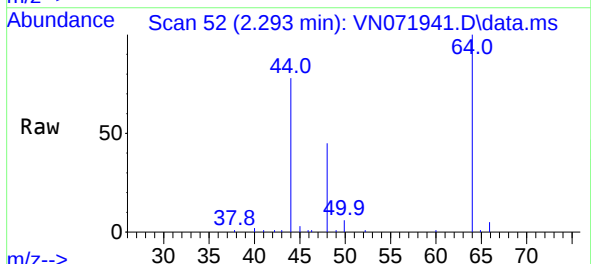


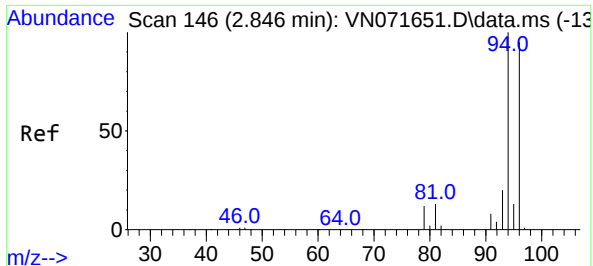
Tgt Ion:168 Resp: 655943
Ion Ratio Lower Upper
168 100
99 50.9 42.3 63.5



#3
Chloromethane
Concen: 0.291 ug/l
RT: 2.293 min Scan# 52
Delta R.T. -0.006 min
Lab File: VN071941.D
Acq: 11 Apr 2022 17:17

Tgt Ion: 50 Resp: 1922
Ion Ratio Lower Upper
50 100
52 18.3 25.7 38.5#

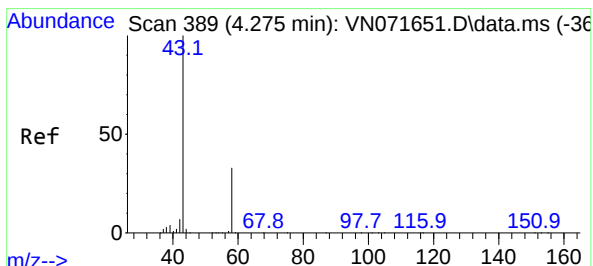
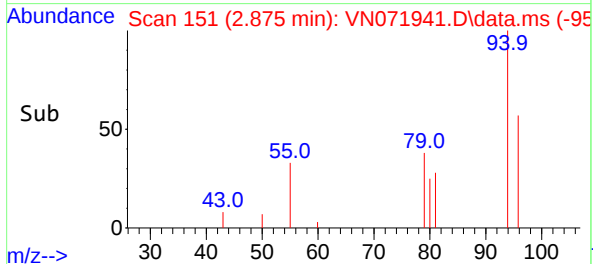
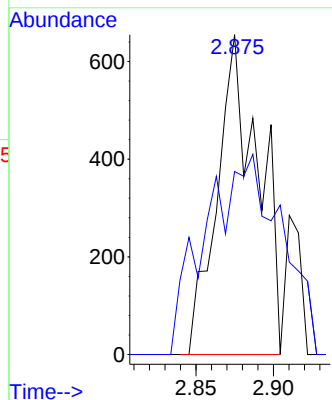
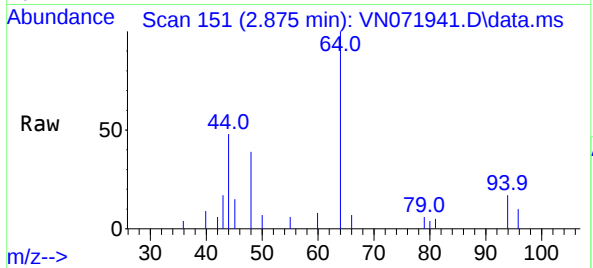




#5
Bromomethane
Concen: 0.255 ug/l
RT: 2.875 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN071941.D
Acq: 11 Apr 2022 17:17

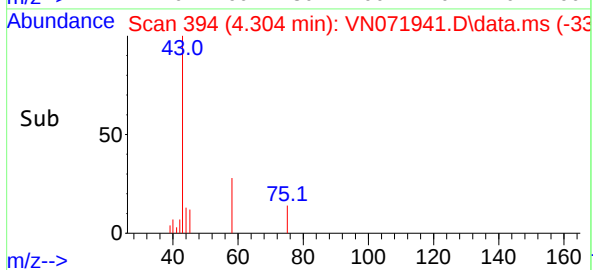
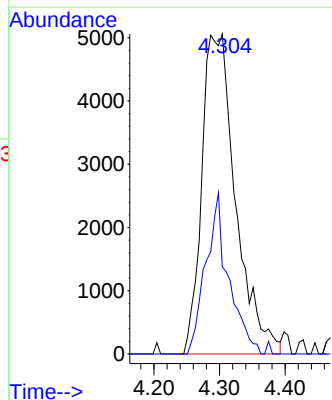
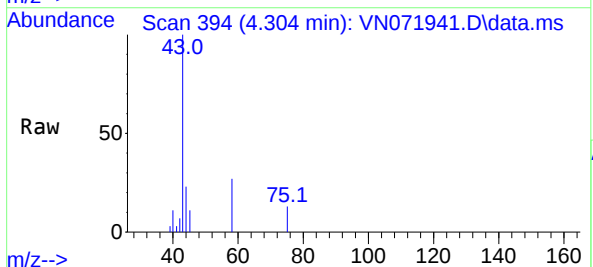
Instrument :
MSVOA_N
ClientSampleId :

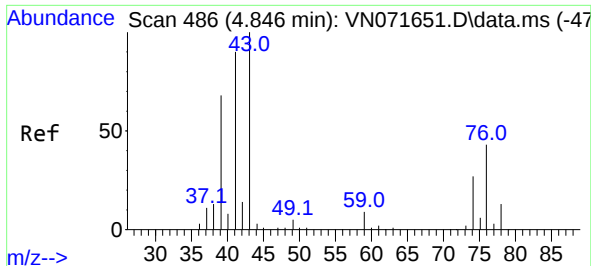
Tgt Ion: 94 Resp: 1202
Ion Ratio Lower Upper
94 100
96 34.2 76.0 114.0#



#16
Acetone
Concen: 5.660 ug/l
RT: 4.304 min Scan# 394
Delta R.T. 0.029 min
Lab File: VN071941.D
Acq: 11 Apr 2022 17:17

Tgt Ion: 43 Resp: 18112
Ion Ratio Lower Upper
43 100
58 27.3 26.0 39.0

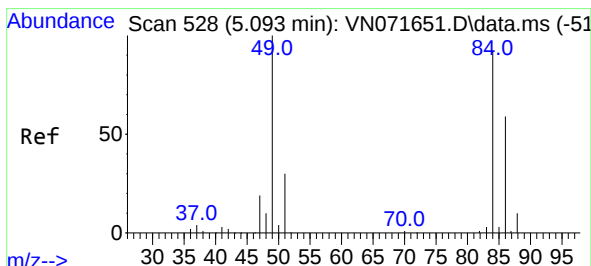
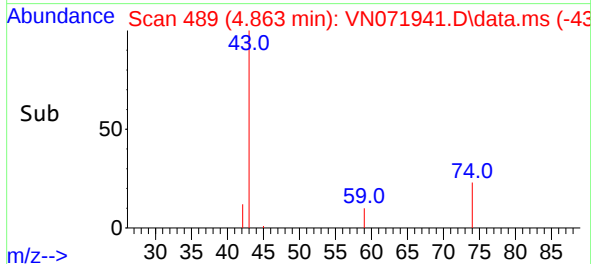
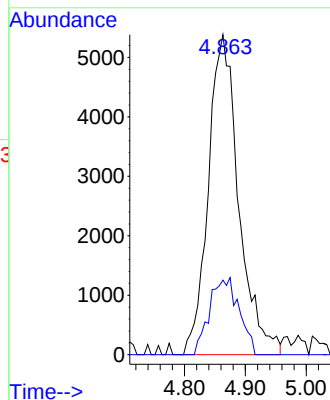
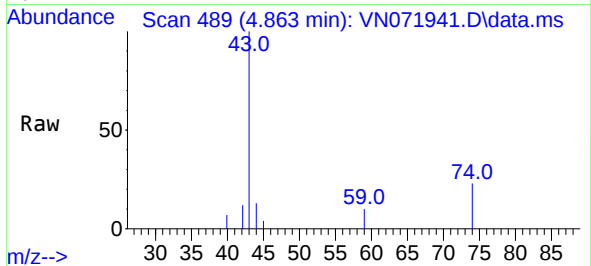




#18
Methyl Acetate
Concen: 0.872 ug/l
RT: 4.863 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN071941.D
Acq: 11 Apr 2022 17:17

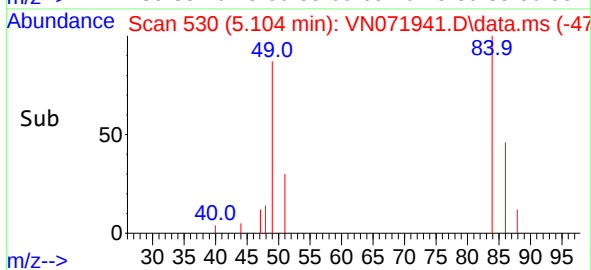
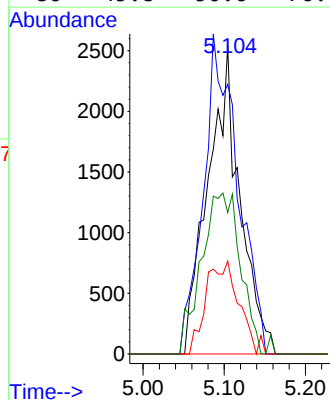
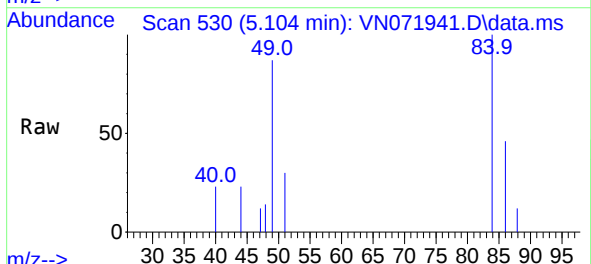
Instrument :
MSVOA_N
ClientSampleId :

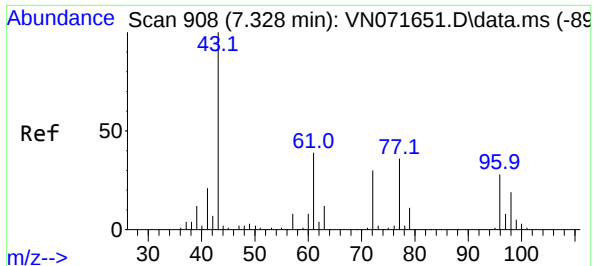
Tgt Ion: 43 Resp: 18696
Ion Ratio Lower Upper
43 100
74 23.3 21.6 32.4



#20
Methylene Chloride
Concen: 1.027 ug/l
RT: 5.104 min Scan# 530
Delta R.T. 0.011 min
Lab File: VN071941.D
Acq: 11 Apr 2022 17:17

Tgt Ion: 84 Resp: 6925
Ion Ratio Lower Upper
84 100
49 87.5 88.3 132.5#
51 30.1 28.2 42.2
86 45.8 50.6 76.0#

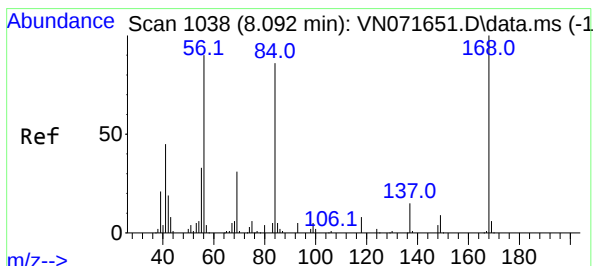
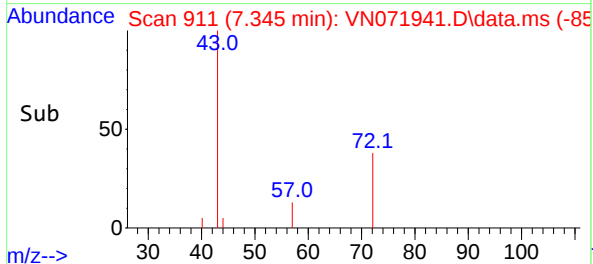
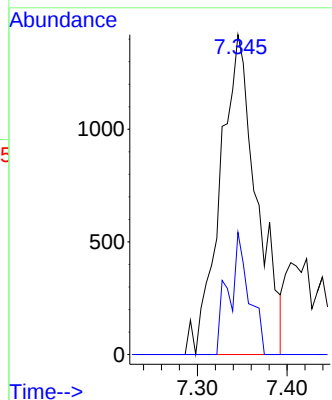
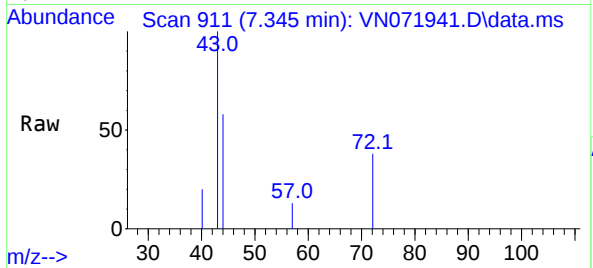




#25
2-Butanone
Concen: 0.872 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.017 min
Lab File: VN071941.D
Acq: 11 Apr 2022 17:17

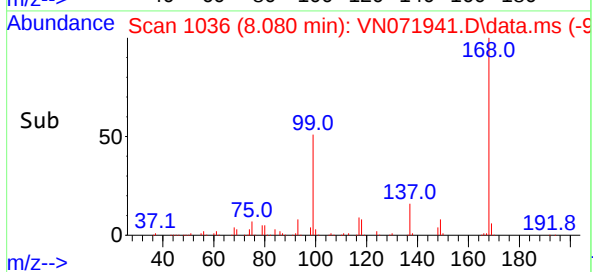
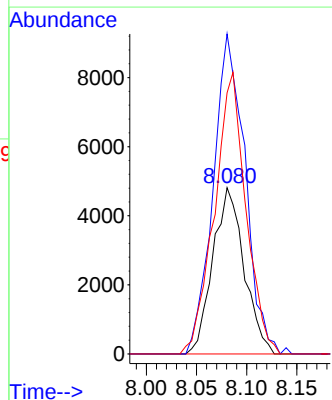
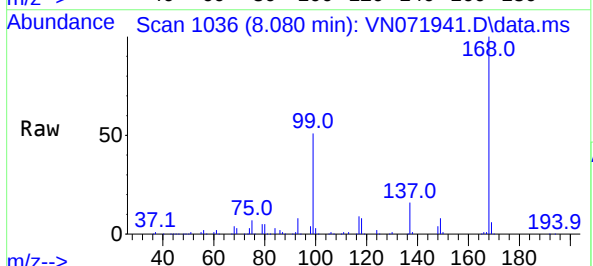
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MSVOA_N
ClientSampleId :

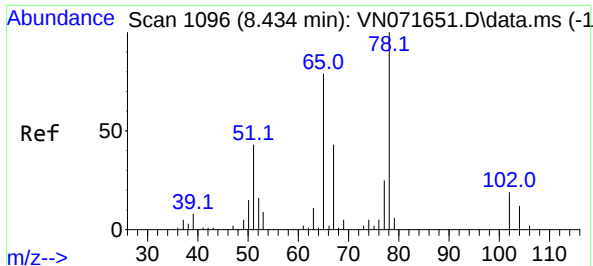
Tgt Ion: 43 Resp: 4025
Ion Ratio Lower Upper
43 100
72 38.2 23.7 35.5#



#31
Cyclohexane
Concen: 1.025 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN071941.D
Acq: 11 Apr 2022 17:17

Tgt Ion: 56 Resp: 10438
Ion Ratio Lower Upper
56 100
69 192.5 27.8 41.8#
84 157.1 76.9 115.3#

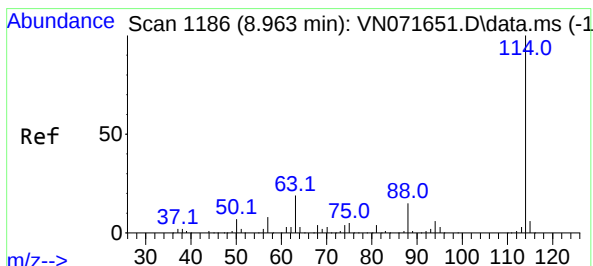
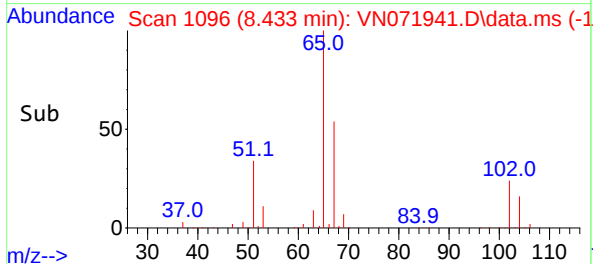
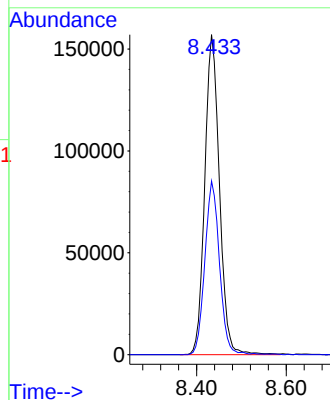
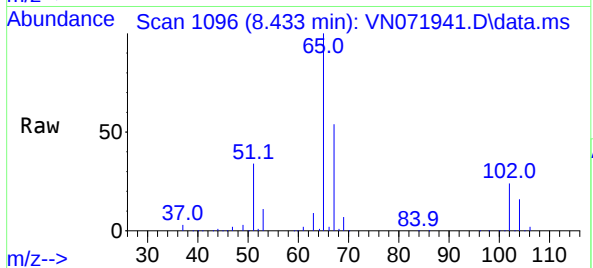




#33
1,2-Dichloroethane-d4
Concen: 47.581 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN071941.D
Acq: 11 Apr 2022 17:17

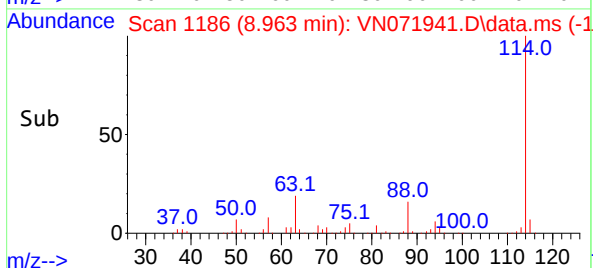
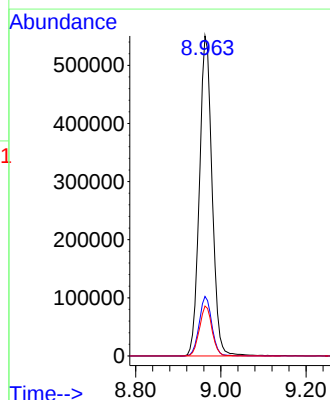
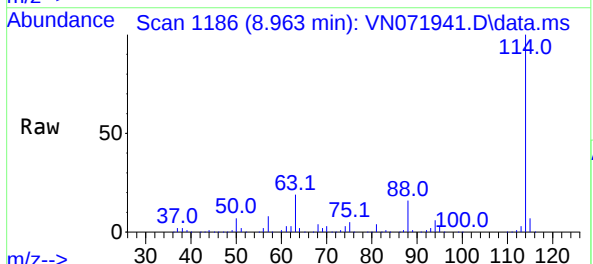
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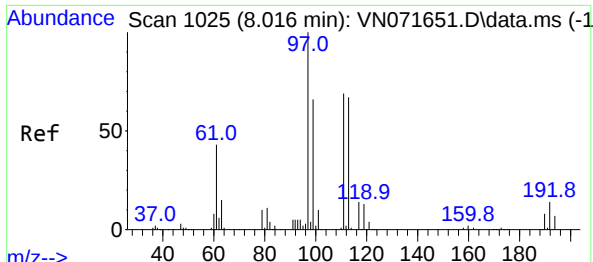
Tgt Ion: 65 Resp: 356304
Ion Ratio Lower Upper
65 100
67 54.0 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071941.D
Acq: 11 Apr 2022 17:17

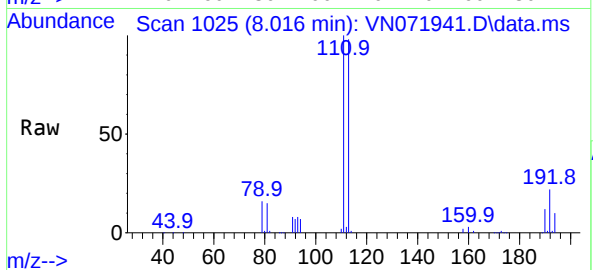
Tgt Ion:114 Resp: 1136157
Ion Ratio Lower Upper
114 100
63 18.6 0.0 40.0
88 15.6 0.0 32.6



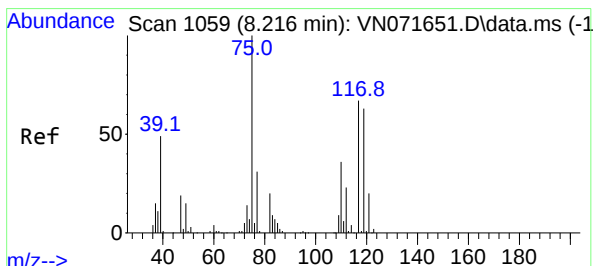
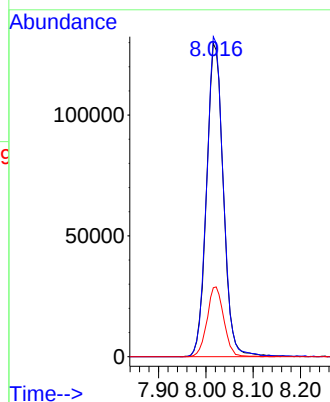
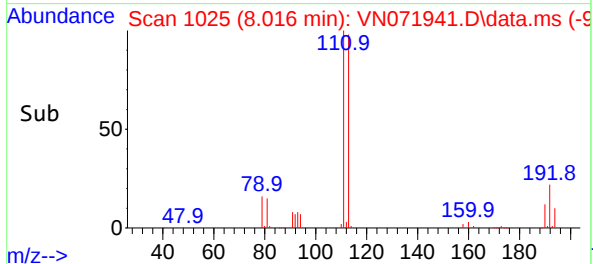


#35
Dibromofluoromethane
Concen: 47.679 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071941.D
Acq: 11 Apr 2022 17:17

Instrument :
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ClientSampleId :

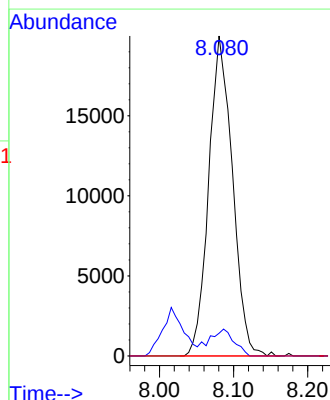
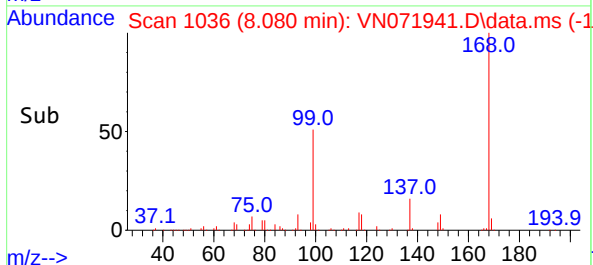
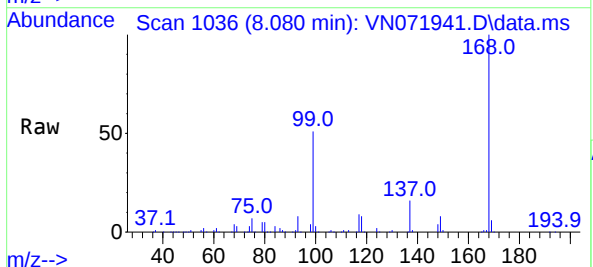


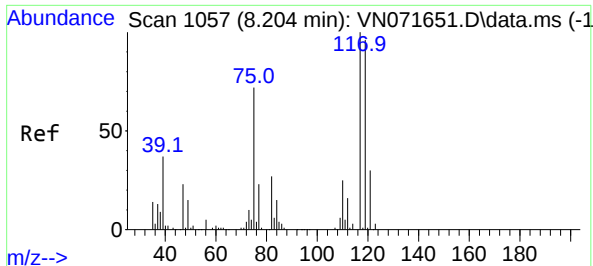
Tgt Ion:113 Resp: 318763
Ion Ratio Lower Upper
113 100
111 101.1 81.4 122.0
192 22.2 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.758 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.136 min
Lab File: VN071941.D
Acq: 11 Apr 2022 17:17

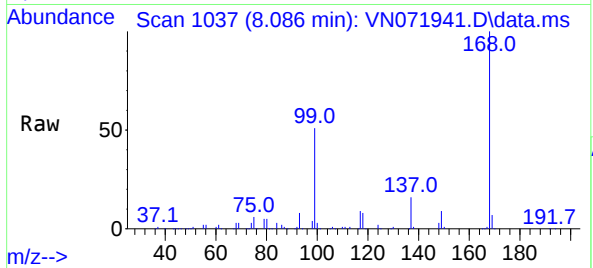
Tgt Ion: 75 Resp: 44419
Ion Ratio Lower Upper
75 100
110 8.8 18.3 54.8#
77 0.0 25.1 37.7#



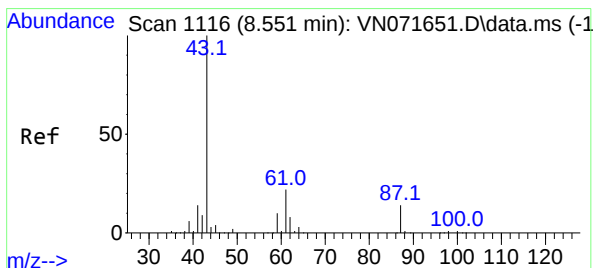
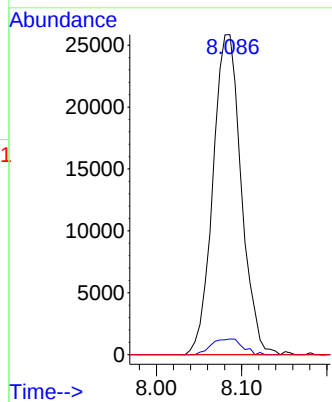
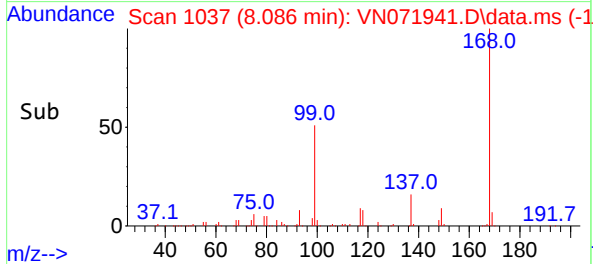


#38
Carbon Tetrachloride
Concen: 6.529 ug/l
RT: 8.086 min Scan# 1107
Delta R.T. -0.118 min
Lab File: VN071941.D
Acq: 11 Apr 2022 17:17

Instrument :
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ClientSampleId :

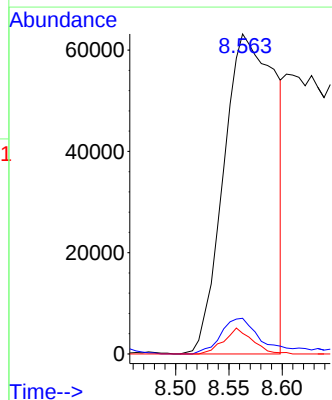
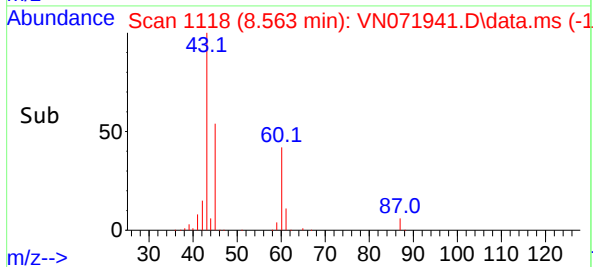
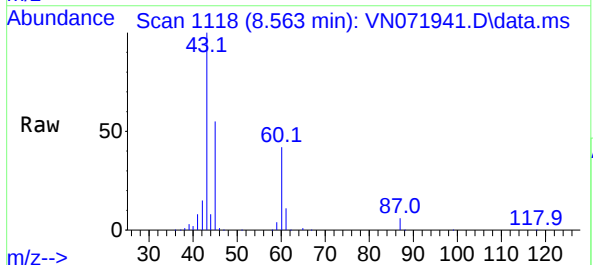


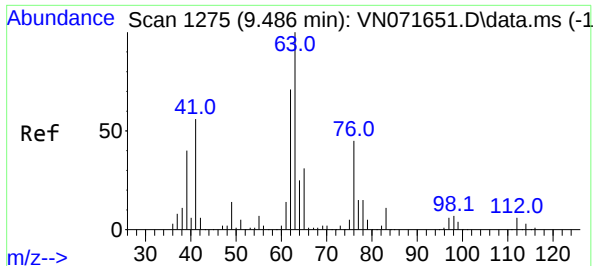
Tgt Ion:117 Resp: 59742
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 12.521 ug/l
RT: 8.563 min Scan# 1118
Delta R.T. 0.012 min
Lab File: VN071941.D
Acq: 11 Apr 2022 17:17

Tgt Ion: 43 Resp: 212812
Ion Ratio Lower Upper
43 100
61 9.2 21.9 32.9#
87 4.5 12.0 18.0#





#45

1,2-Dichloropropane

Concen: 0.644 ug/l

RT: 9.616 min Scan# 1297

Delta R.T. 0.130 min

Lab File: VN071941.D

Acq: 11 Apr 2022 17:17

Instrument :

MSVOA_N

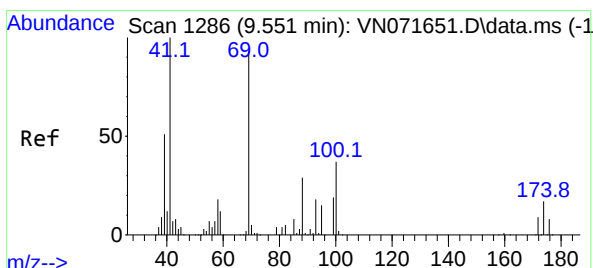
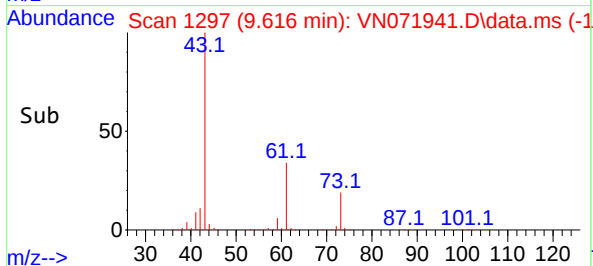
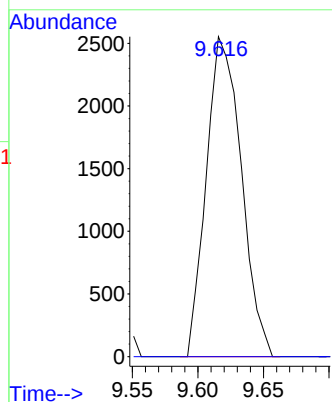
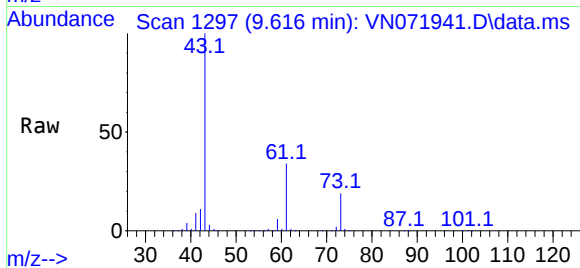
ClientSampleId :

Tgt Ion: 63 Resp: 4743

Ion Ratio Lower Upper

63 100

65 0.0 24.9 37.3#



#48

Methyl methacrylate

Concen: 2.257 ug/l

RT: 9.545 min Scan# 1285

Delta R.T. -0.006 min

Lab File: VN071941.D

Acq: 11 Apr 2022 17:17

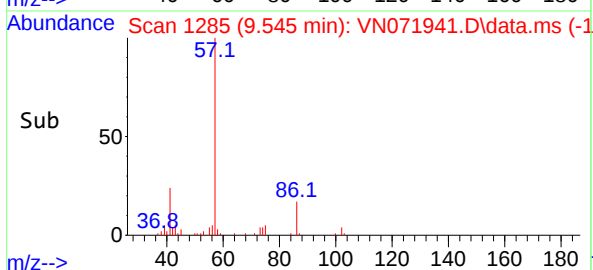
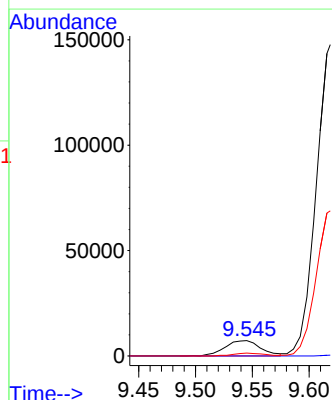
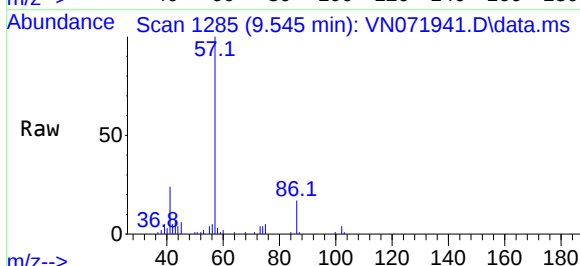
Tgt Ion: 41 Resp: 15913

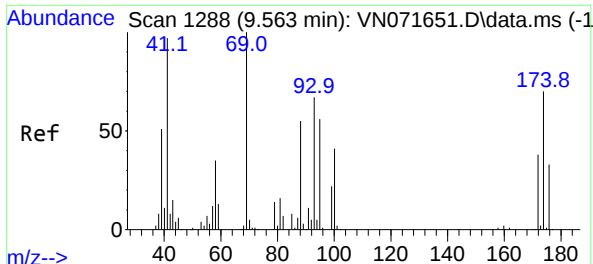
Ion Ratio Lower Upper

41 100

69 0.0 74.7 112.1#

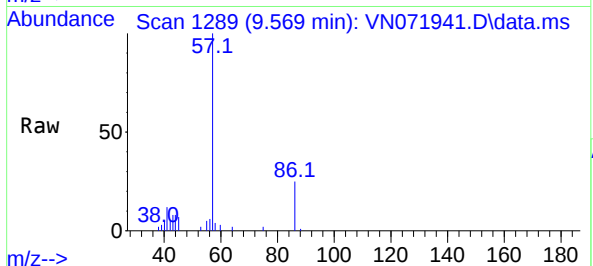
39 0.0 45.6 68.4#



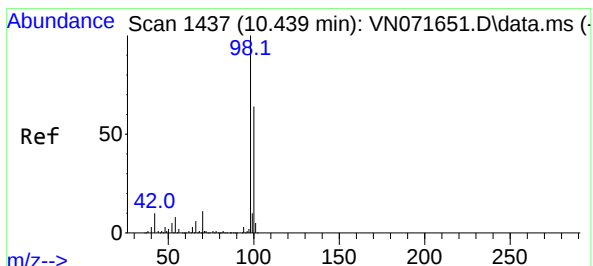
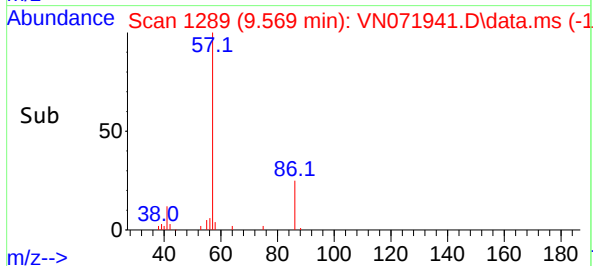
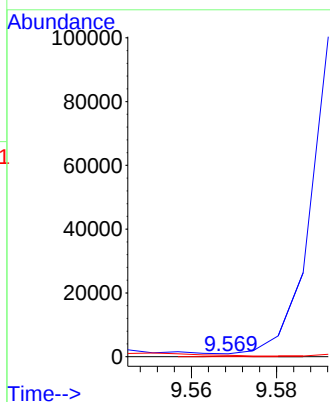


#49
1,4-Dioxane
Concen: Below Cal
RT: 9.569 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071941.D
Acq: 11 Apr 2022 17:17

Instrument :
MSVOA_N
ClientSampleId :

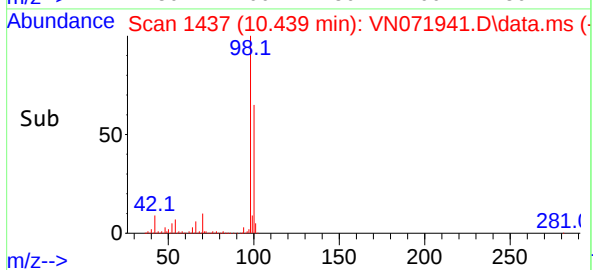
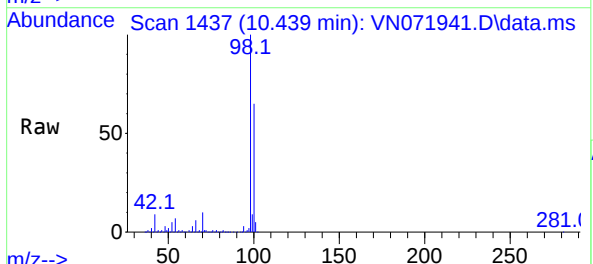
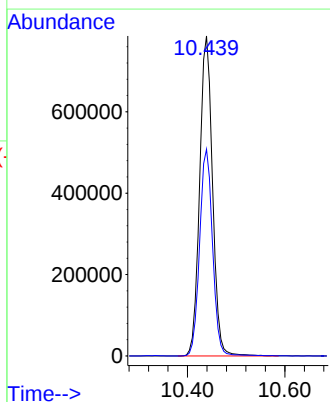


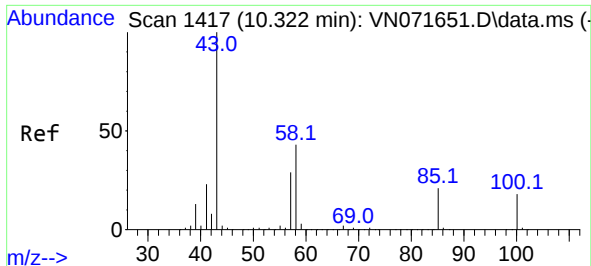
Tgt Ion: 88 Resp: 53
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.4#
58 5030.2 54.2 81.4#



#50
Toluene-d8
Concen: 52.758 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071941.D
Acq: 11 Apr 2022 17:17

Tgt Ion: 98 Resp: 1442888
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8

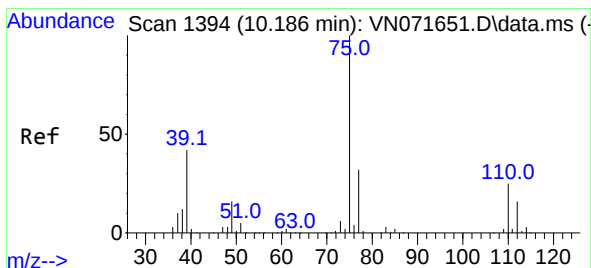
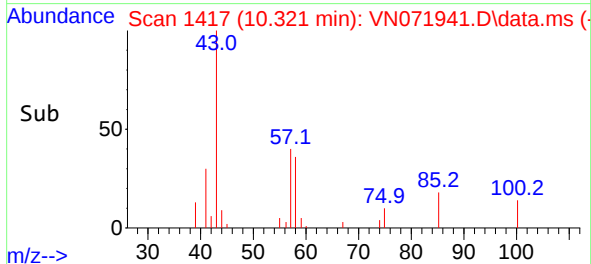
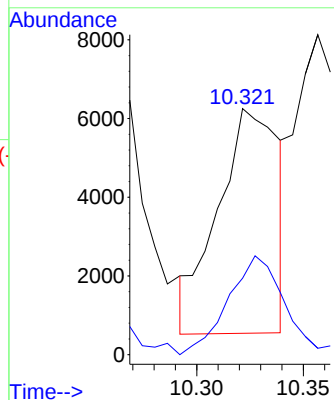
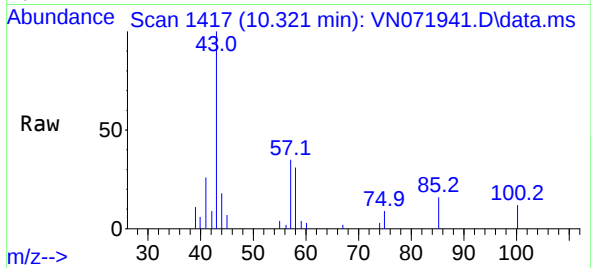




#51
4-Methyl-2-Pentanone
Concen: 1.152 ug/l
RT: 10.321 min Scan# 1417
Delta R.T. -0.001 min
Lab File: VN071941.D
Acq: 11 Apr 2022 17:17

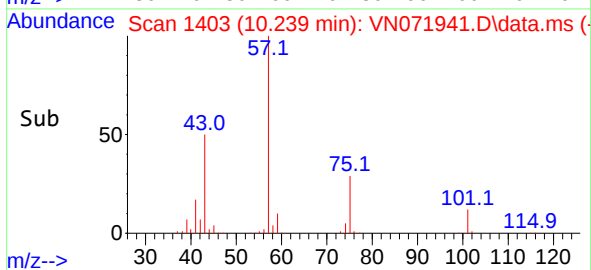
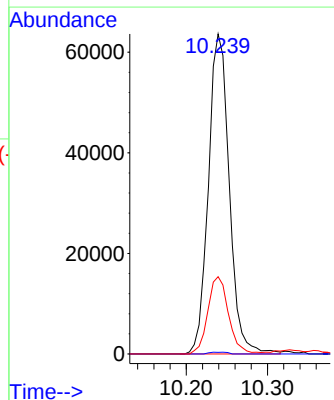
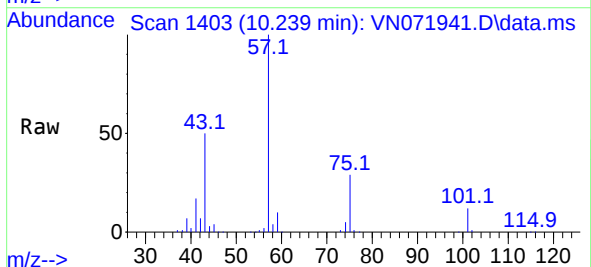
Instrument :
MSVOA_N
ClientSampleId :

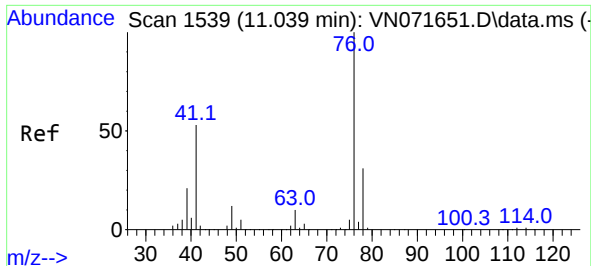
Tgt Ion: 43 Resp: 11260
Ion Ratio Lower Upper
43 100
58 40.8 34.1 51.1



#54
cis-1,3-Dichloropropene
Concen: 9.971 ug/l
RT: 10.239 min Scan# 1403
Delta R.T. 0.053 min
Lab File: VN071941.D
Acq: 11 Apr 2022 17:17

Tgt Ion: 75 Resp: 113697
Ion Ratio Lower Upper
75 100
77 0.5 25.2 37.8#
39 24.2 35.7 53.5#

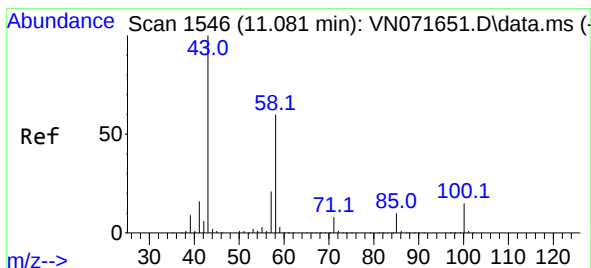
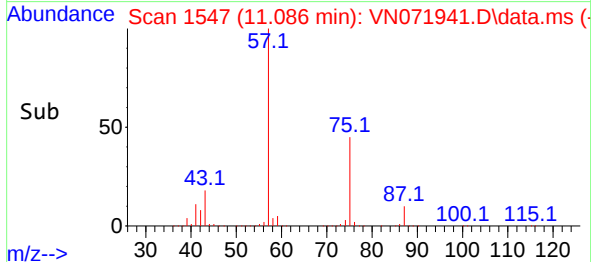
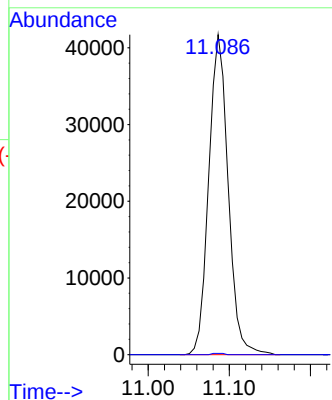
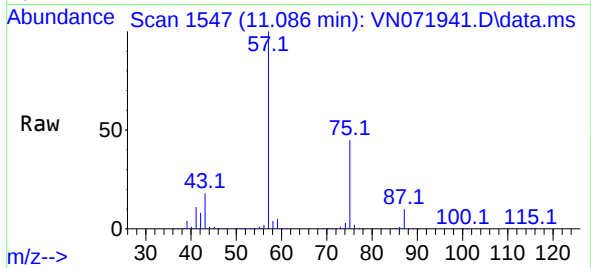




#57
1,3-Dichloropropane
Concen: 5.396 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.047 min
Lab File: VN071941.D
Acq: 11 Apr 2022 17:17

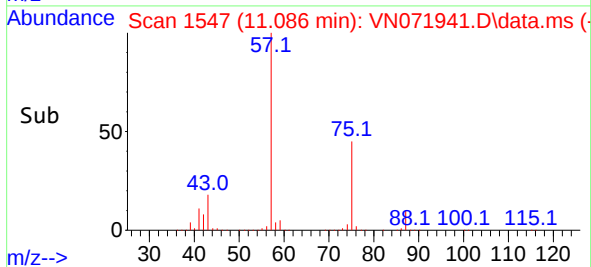
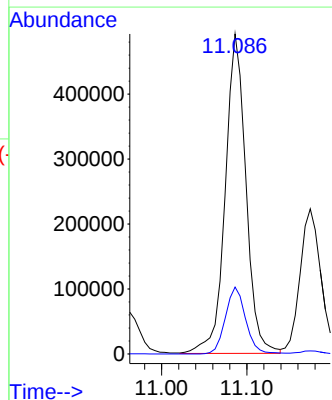
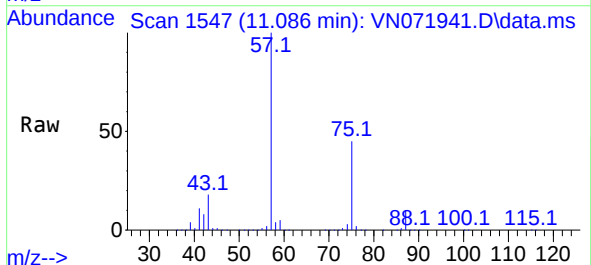
Instrument :
MSVOA_N
ClientSampleId :

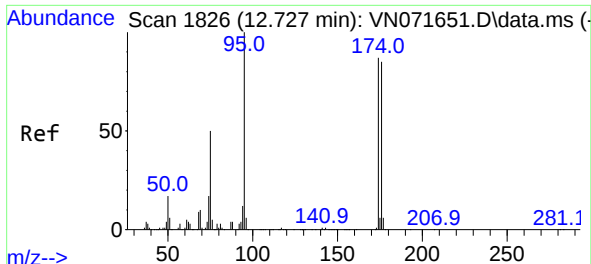
Tgt Ion: 76 Resp: 69225
Ion Ratio Lower Upper
76 100
78 0.3 26.2 39.2#



#59
2-Hexanone
Concen: 120.872 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.005 min
Lab File: VN071941.D
Acq: 11 Apr 2022 17:17

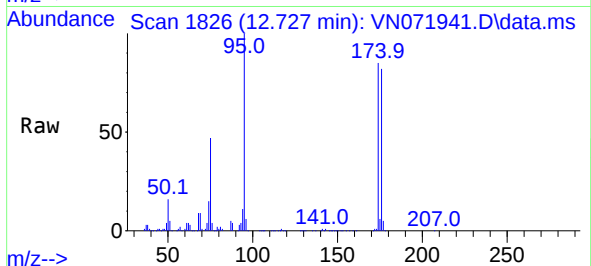
Tgt Ion: 43 Resp: 831626
Ion Ratio Lower Upper
43 100
58 20.5 29.7 89.1#



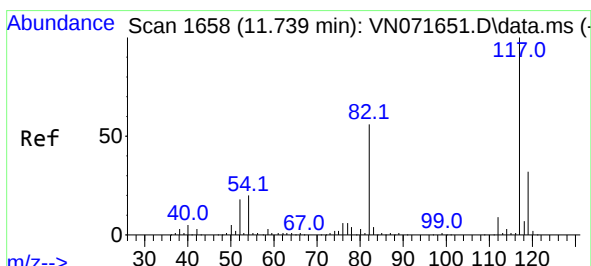
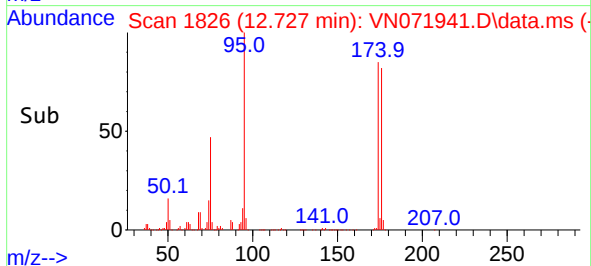
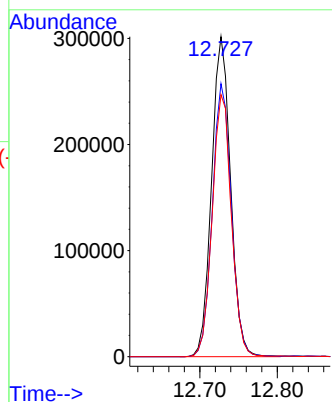


#62
4-Bromofluorobenzene
Concen: 58.007 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071941.D
Acq: 11 Apr 2022 17:17

Instrument :
MSVOA_N
ClientSampleId :

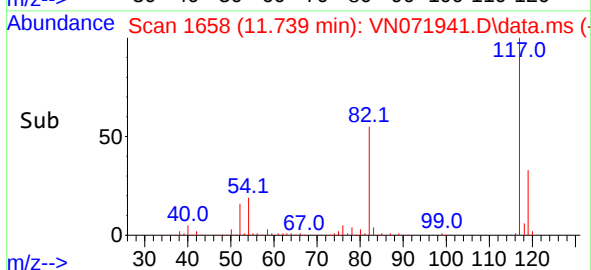
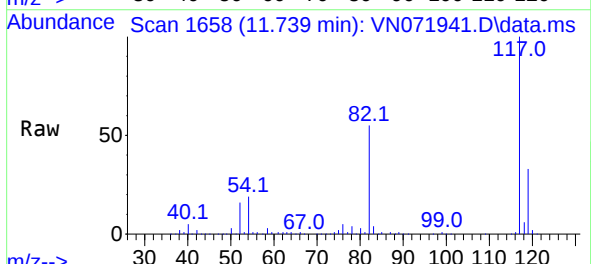
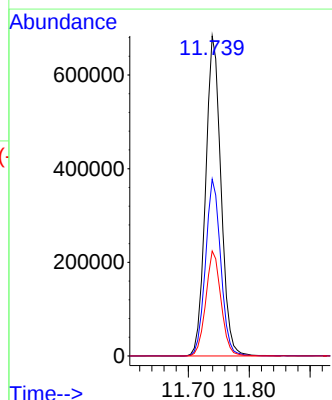


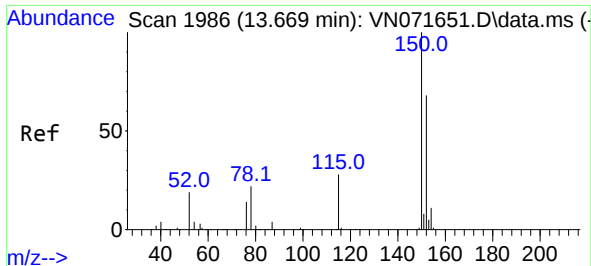
Tgt Ion: 95 Resp: 513088
Ion Ratio Lower Upper
95 100
174 85.2 0.0 167.6
176 82.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071941.D
Acq: 11 Apr 2022 17:17

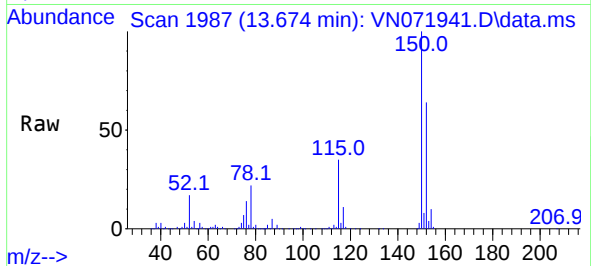
Tgt Ion: 117 Resp: 1198448
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 32.8 25.4 38.0



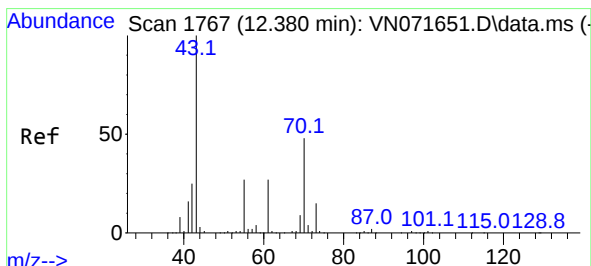
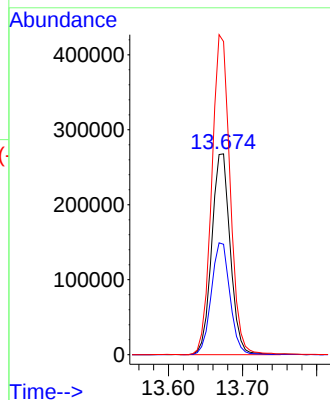
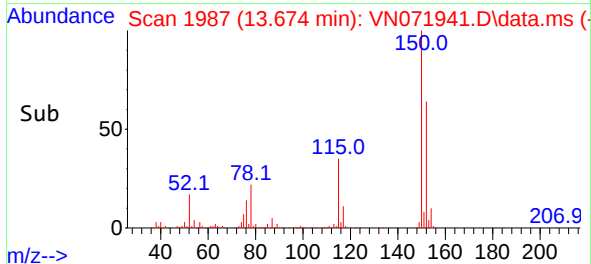


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1986
Delta R.T. 0.005 min
Lab File: VN071941.D
Acq: 11 Apr 2022 17:17

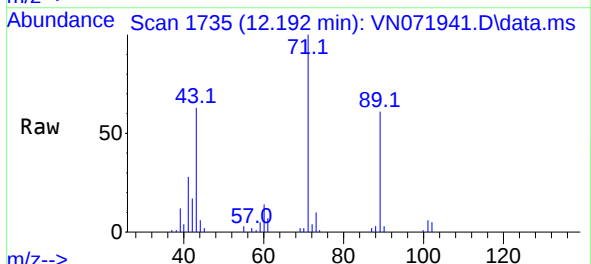
Instrument :
MSVOA_N
ClientSampleId :



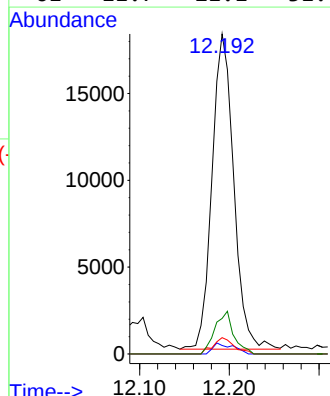
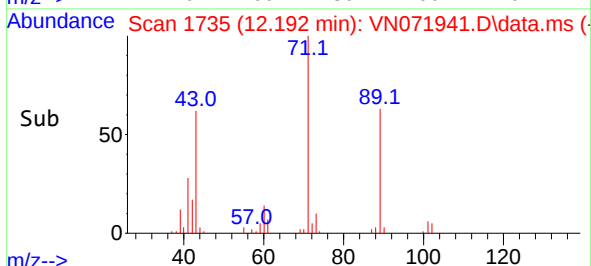
Tgt Ion:152 Resp: 465587
Ion Ratio Lower Upper
152 100
115 56.1 28.9 86.7
150 158.1 0.0 356.2

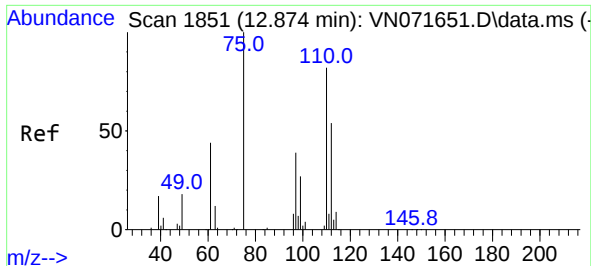


#74
N-ethyl acetate
Concen: 2.716 ug/l
RT: 12.192 min Scan# 1735
Delta R.T. -0.188 min
Lab File: VN071941.D
Acq: 11 Apr 2022 17:17



Tgt Ion: 43 Resp: 30531
Ion Ratio Lower Upper
43 100
70 3.2 39.0 58.4#
55 5.0 21.1 31.7#
61 11.7 21.1 31.7#

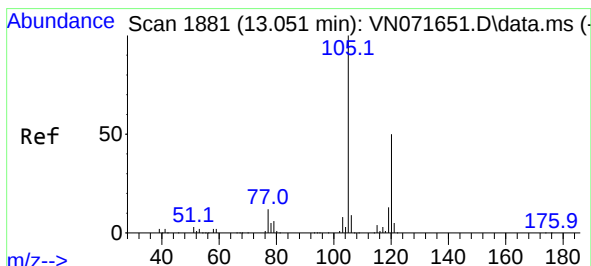
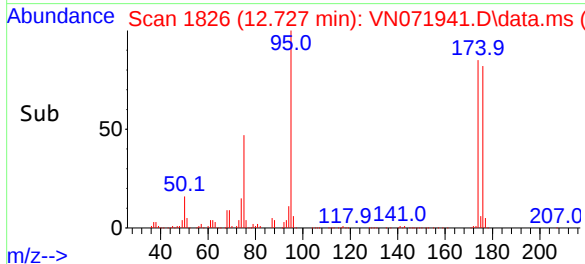
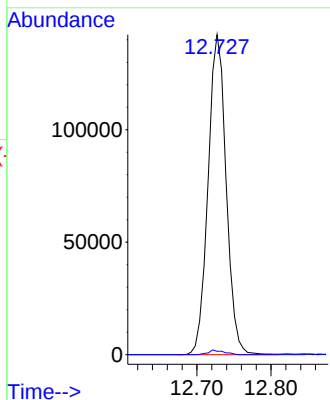
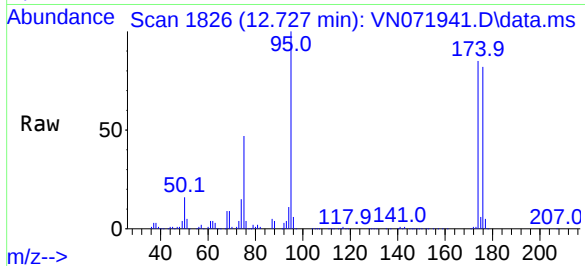




#76
1,2,3-Trichloropropane
Concen: 22.379 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071941.D
Acq: 11 Apr 2022 17:17

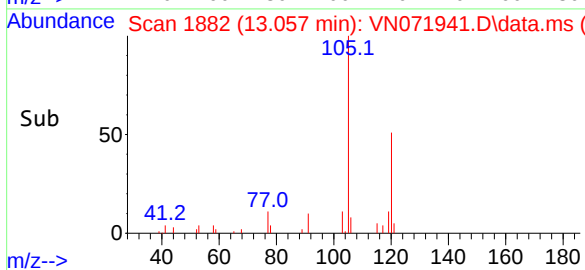
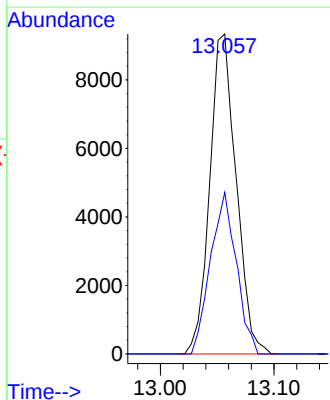
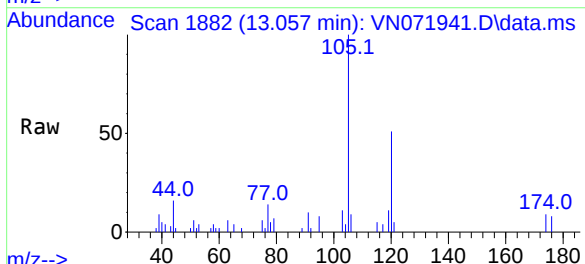
Instrument :
MSVOA_N
ClientSampleId :

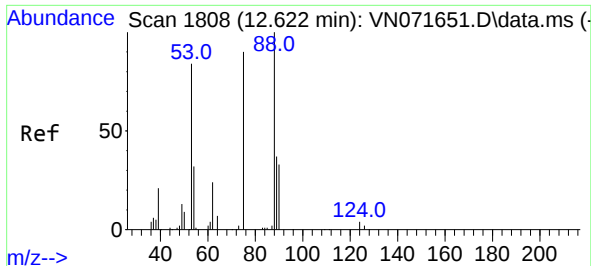
Tgt Ion: 75 Resp: 241373
Ion Ratio Lower Upper
75 100
77 1.3 98.5 295.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.485 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071941.D
Acq: 11 Apr 2022 17:17

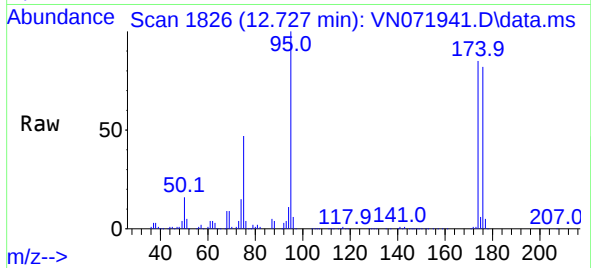
Tgt Ion: 105 Resp: 15091
Ion Ratio Lower Upper
105 100
120 49.5 24.9 74.7



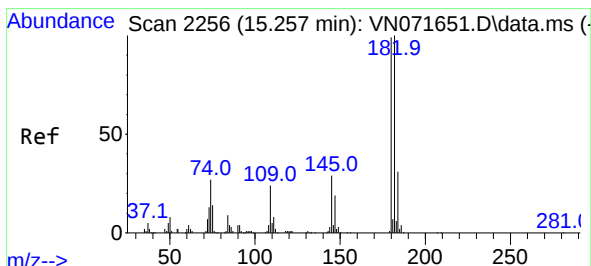
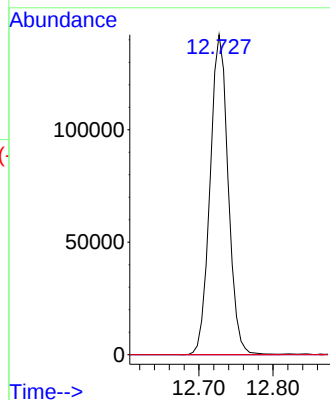
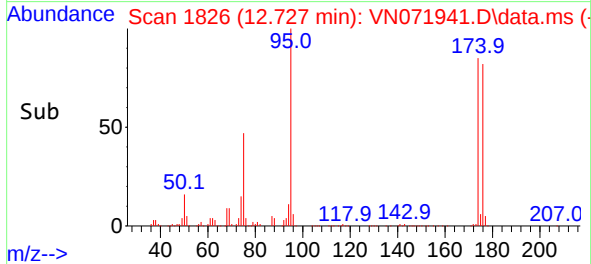


#81
trans-1,4-Dichloro-2-butene
Concen: 69.352 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN071941.D
Acq: 11 Apr 2022 17:17

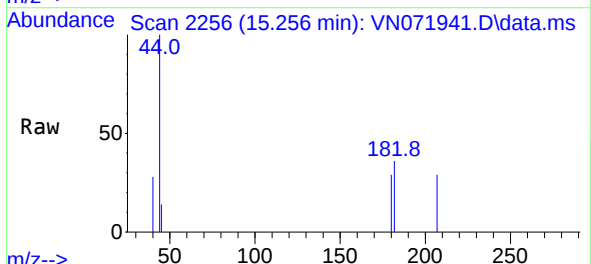
Instrument :
MSVOA_N
ClientSampleId :



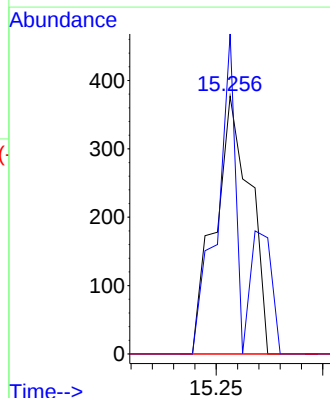
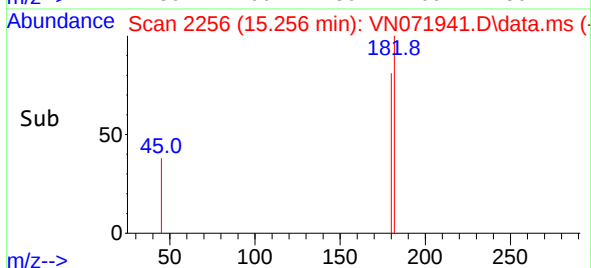
Tgt Ion: 75 Resp: 241373
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

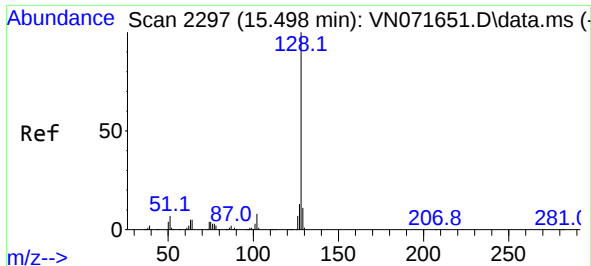


#93
1,2,4-Trichlorobenzene
Concen: 2.142 ug/l
RT: 15.256 min Scan# 2256
Delta R.T. -0.001 min
Lab File: VN071941.D
Acq: 11 Apr 2022 17:17



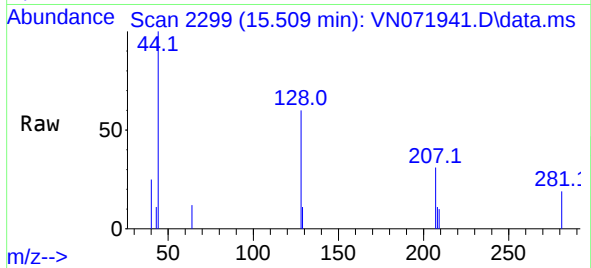
Tgt Ion:180 Resp: 433
Ion Ratio Lower Upper
180 100
182 91.9 47.5 142.5
145 0.0 14.5 43.5#



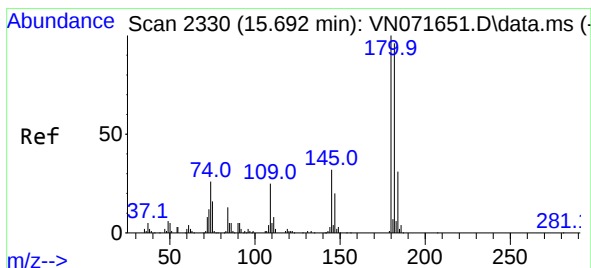
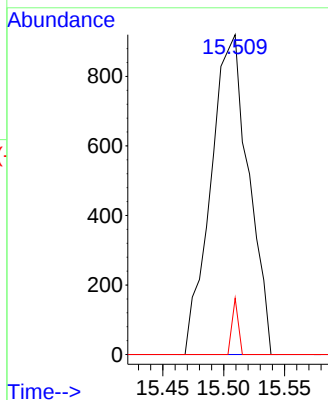
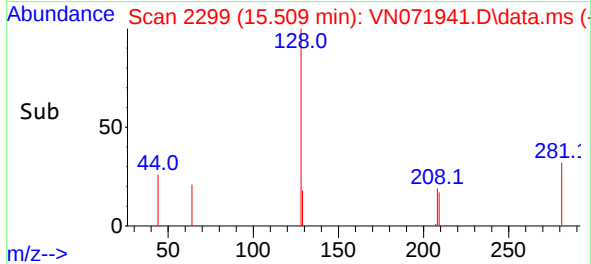


#95
Naphthalene
Concen: 3.889 ug/l
RT: 15.509 min Scan# 21
Delta R.T. 0.011 min
Lab File: VN071941.D
Acq: 11 Apr 2022 17:17

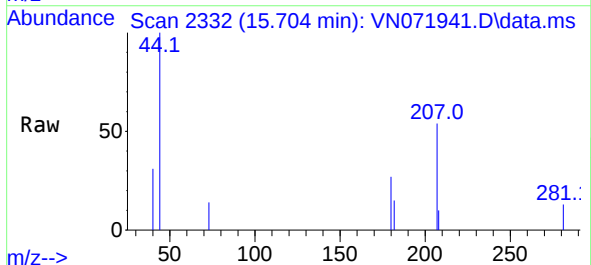
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 1987
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 2.9 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.469 ug/l
RT: 15.704 min Scan# 2332
Delta R.T. 0.011 min
Lab File: VN071941.D
Acq: 11 Apr 2022 17:17



Tgt Ion:180 Resp: 416
Ion Ratio Lower Upper
180 100
182 53.6 47.8 143.3
145 0.0 15.5 46.5#

