

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
 Data File : VN071731.D
 Acq On : 01 Apr 2022 02:51
 Operator : JC\MD
 Sample : N2200-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB033022

Quant Time: Apr 01 06:04:57 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)

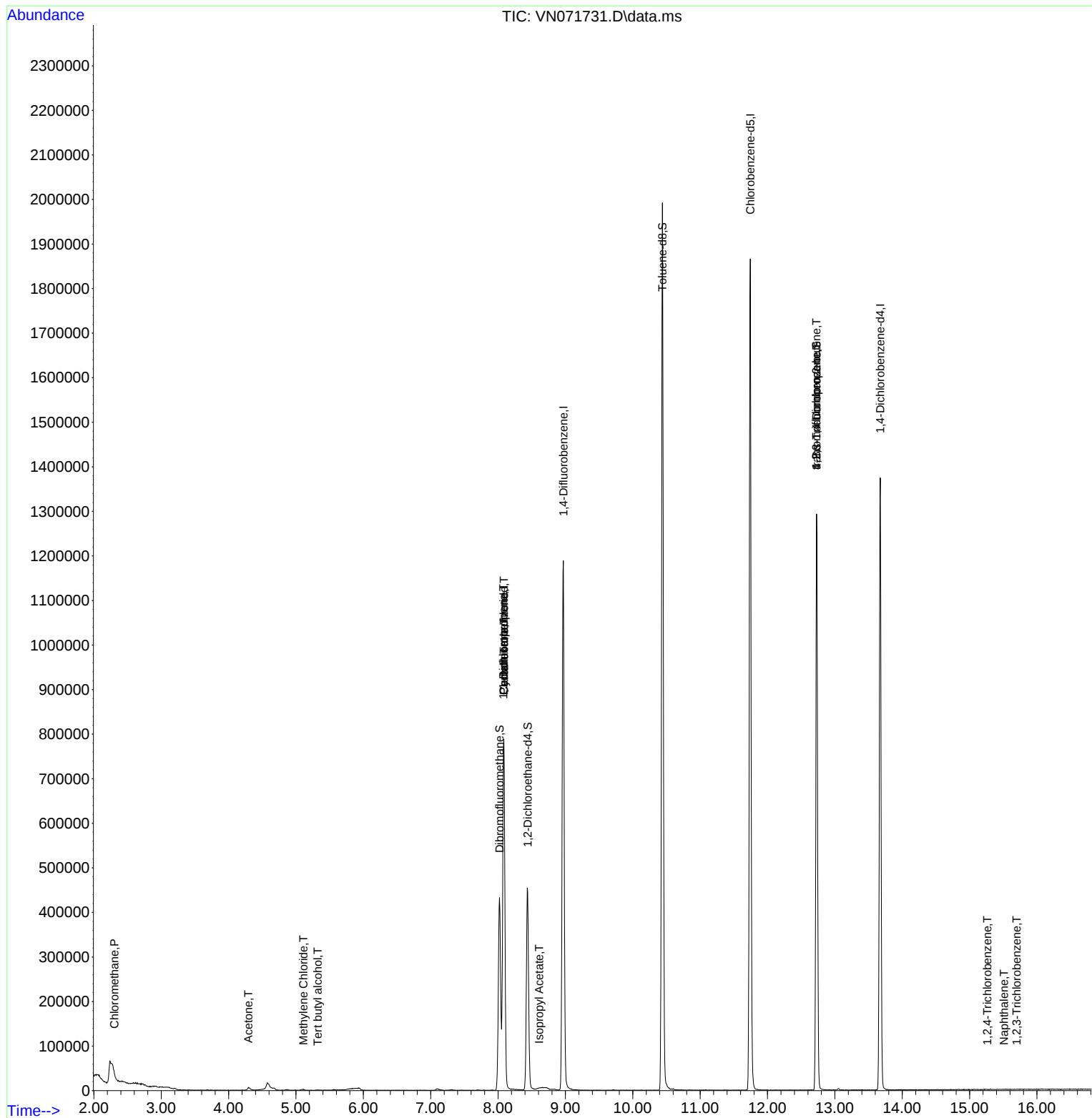
Internal Standards						
1) Pentafluorobenzene	8.086	168	656482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1114131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	1148290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	413119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.439	65	379401	50.624	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 101.240%		
35) Dibromofluoromethane	8.022	113	325031	49.577	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 99.160%		
50) Toluene-d8	10.439	98	1424450	53.113	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 106.220%		
62) 4-Bromofluorobenzene	12.727	95	469643	54.145	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 108.300%		
Target Compounds						
						Qvalue
3) Chloromethane	2.305	50	4780	0.723	ug/l	96
11) Tert butyl alcohol	5.322	59	507	0.417	ug/l #	72
16) Acetone	4.293	43	7437	2.322	ug/l #	80
18) Methyl Acetate	4.875	43	3183	Below Cal	#	73
20) Methylene Chloride	5.110	84	1857	0.275	ug/l #	85
31) Cyclohexane	8.086	56	11379	1.116	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	46365	5.064	ug/l #	48
38) Carbon Tetrachloride	8.086	117	58893	6.564	ug/l #	17
43) Isopropyl Acetate	8.610	43	4167	0.250	ug/l #	53
76) 1,2,3-Trichloropropane	12.727	75	225147	23.526	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	225147	72.906	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.262	180	249	2.122	ug/l #	33
95) Naphthalene	15.510	128	389	3.822	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.698	180	127	2.433	ug/l #	12

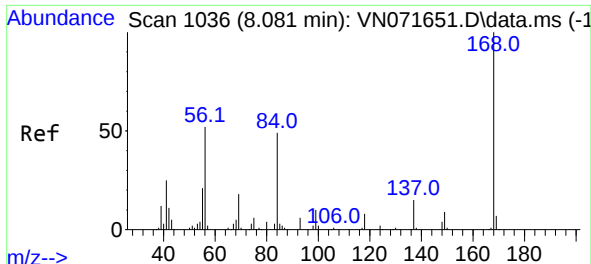
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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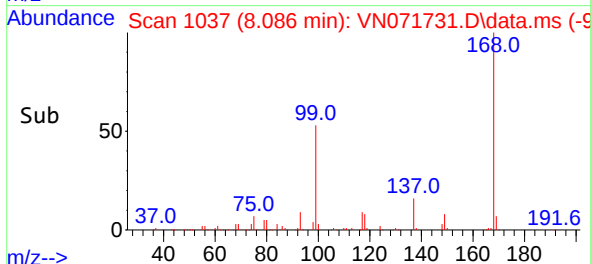
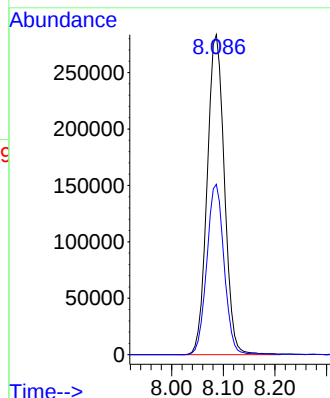
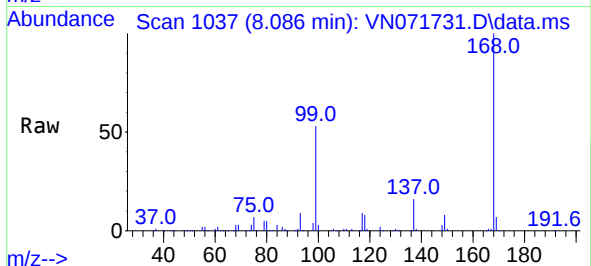




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN071731.D
Acq: 01 Apr 2022 02:51

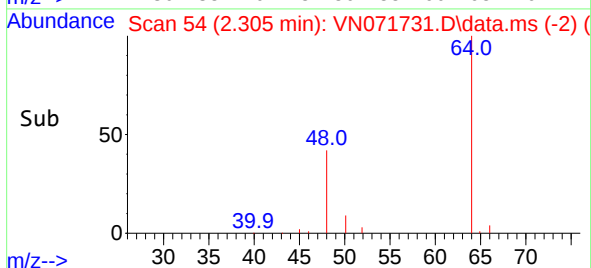
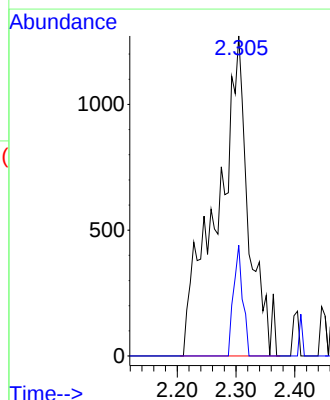
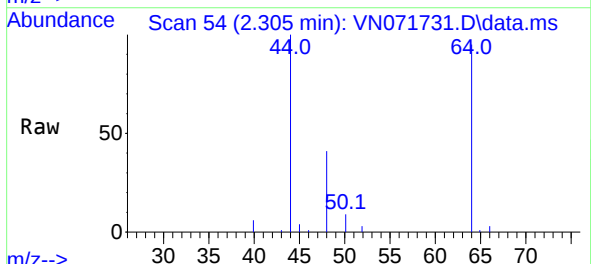
Instrument :
MSVOA_N
ClientSampleId :
FB033022

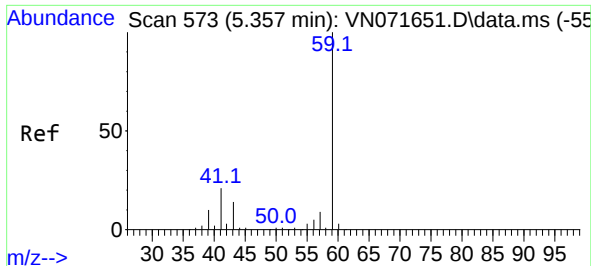
Tgt Ion:168 Resp: 656482
Ion Ratio Lower Upper
168 100
99 53.2 42.3 63.5



#3
Chloromethane
Concen: 0.723 ug/l
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071731.D
Acq: 01 Apr 2022 02:51

Tgt Ion: 50 Resp: 4780
Ion Ratio Lower Upper
50 100
52 34.6 25.7 38.5

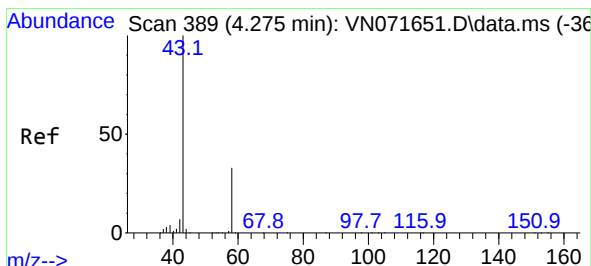
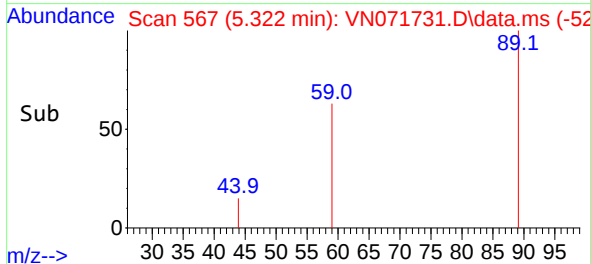
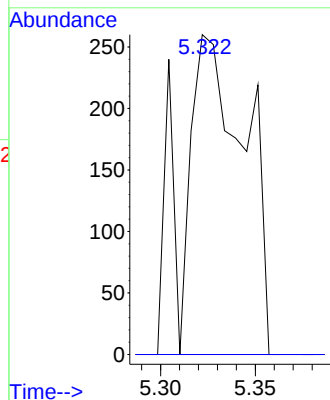
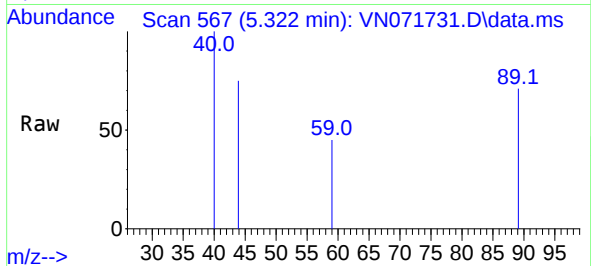




#11
Tert butyl alcohol
Concen: 0.417 ug/l
RT: 5.322 min Scan# 507
Delta R.T. -0.035 min
Lab File: VN071731.D
Acq: 01 Apr 2022 02:51

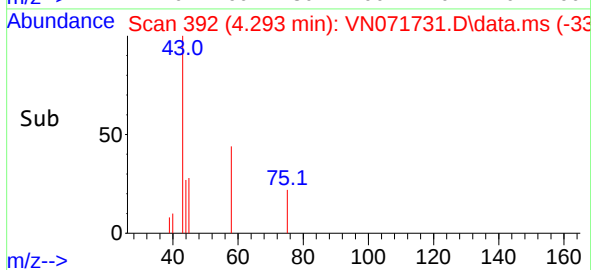
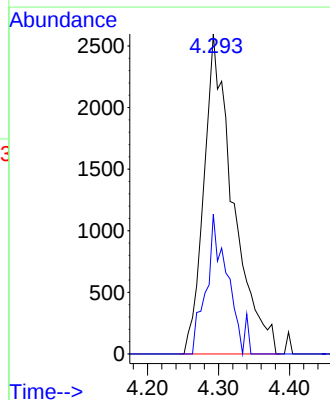
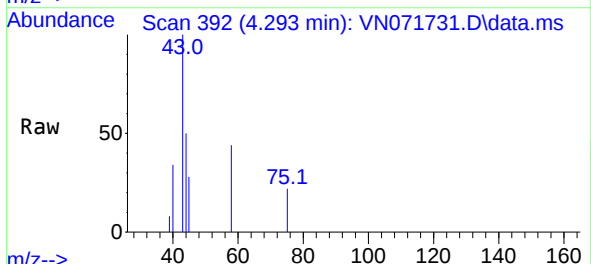
Instrument :
MSVOA_N
ClientSampleId :
FB033022

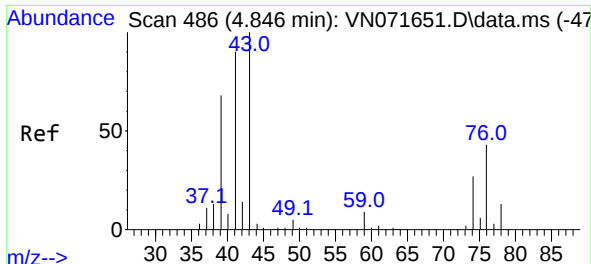
Tgt Ion: 59 Resp: 507
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 2.322 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN071731.D
Acq: 01 Apr 2022 02:51

Tgt Ion: 43 Resp: 7437
Ion Ratio Lower Upper
43 100
58 43.6 26.0 39.0#

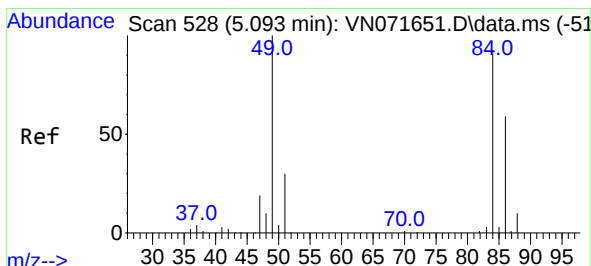
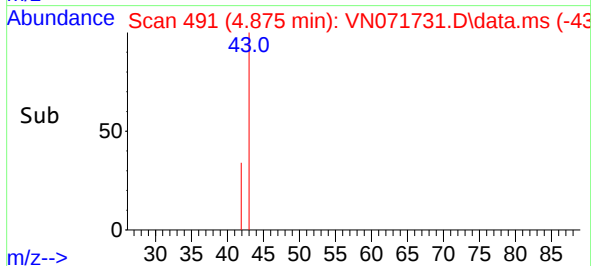
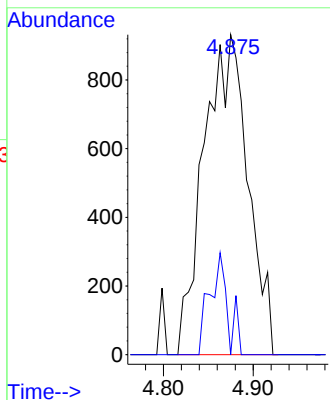
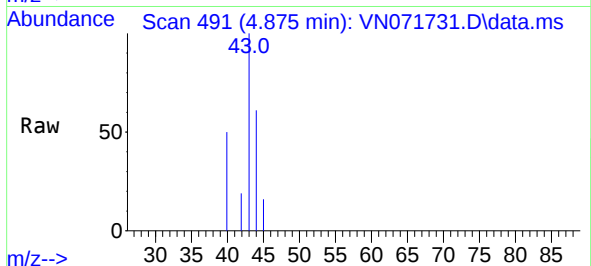




#18
Methyl Acetate
Concen: Below Cal
RT: 4.875 min Scan# 491
Delta R.T. 0.029 min
Lab File: VN071731.D
Acq: 01 Apr 2022 02:51

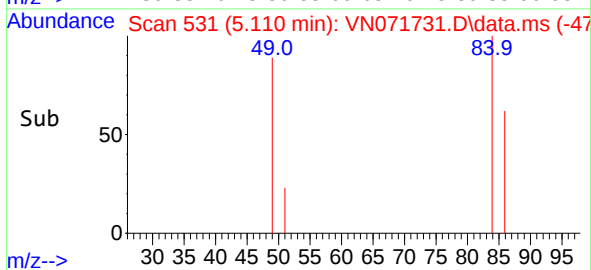
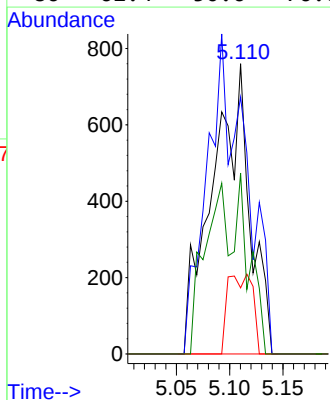
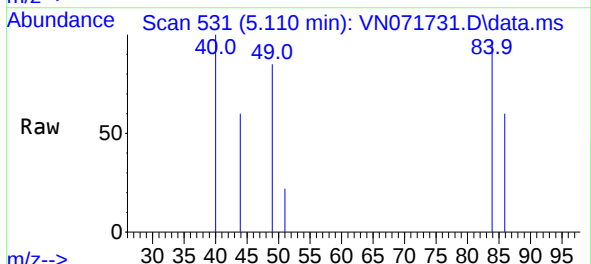
Instrument :
MSVOA_N
ClientSampleId :
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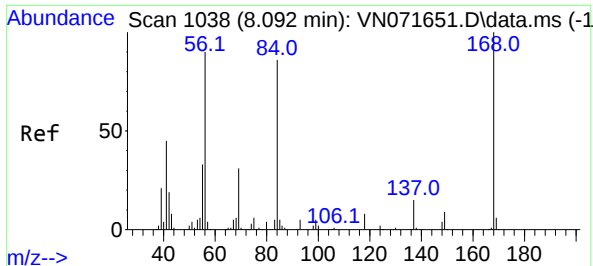
Tgt Ion: 43 Resp: 3183
Ion Ratio Lower Upper
43 100
74 13.1 21.6 32.4#



#20
Methylene Chloride
Concen: 0.275 ug/l
RT: 5.110 min Scan# 531
Delta R.T. 0.017 min
Lab File: VN071731.D
Acq: 01 Apr 2022 02:51

Tgt Ion: 84 Resp: 1857
Ion Ratio Lower Upper
84 100
49 88.6 88.3 132.5
51 22.8 28.2 42.2#
86 62.4 50.6 76.0





#31

Cyclohexane

Concen: 1.116 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VN071731.D

Acq: 01 Apr 2022 02:51

Instrument :

MSVOA_N

ClientSampleId :

FB033022

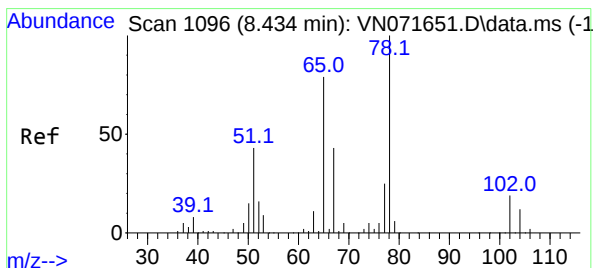
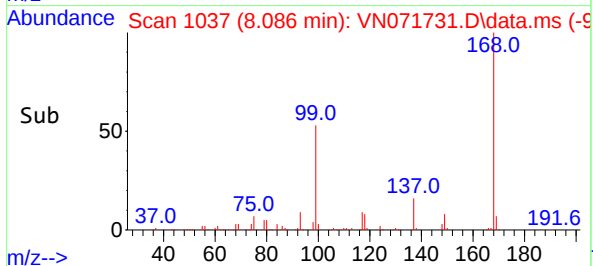
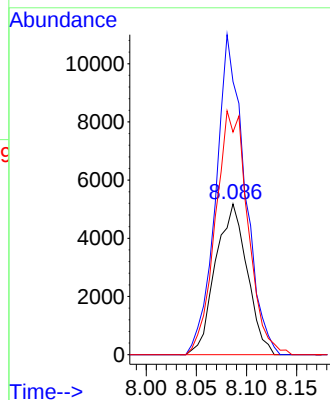
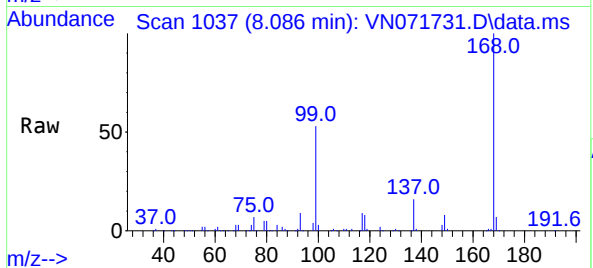
Tgt Ion: 56 Resp: 11379

Ion Ratio Lower Upper

56 100

69 181.3 27.8 41.8#

84 147.8 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 50.624 ug/l

RT: 8.439 min Scan# 1097

Delta R.T. 0.005 min

Lab File: VN071731.D

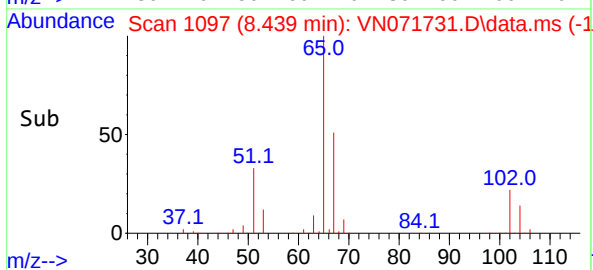
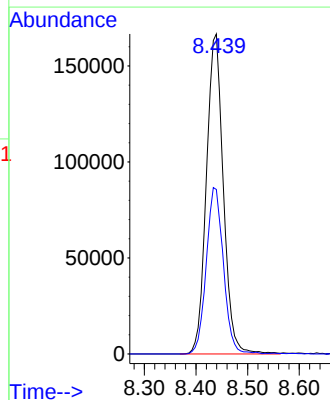
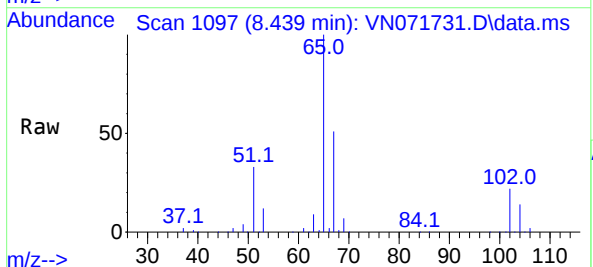
Acq: 01 Apr 2022 02:51

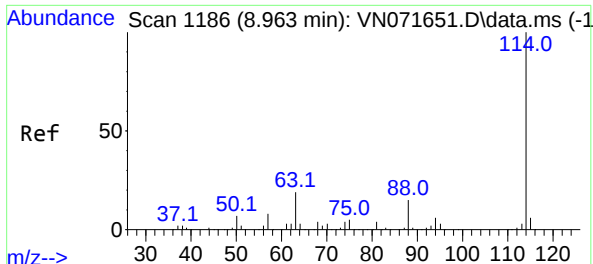
Tgt Ion: 65 Resp: 379401

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1186

Delta R.T. 0.006 min

Lab File: VN071731.D

Acq: 01 Apr 2022 02:51

Instrument :

MSVOA_N

ClientSampleId :

FB033022

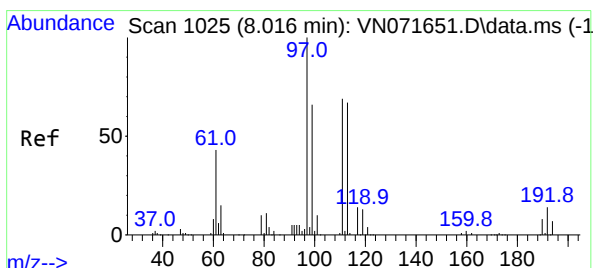
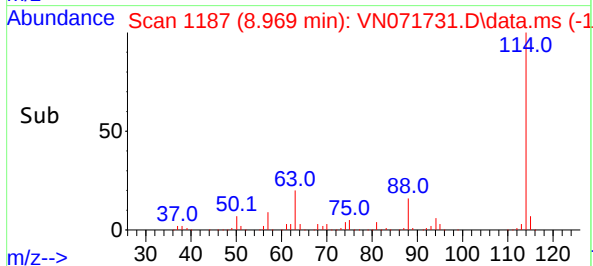
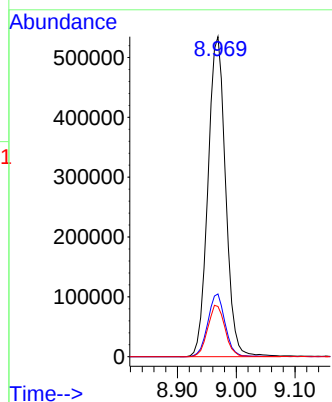
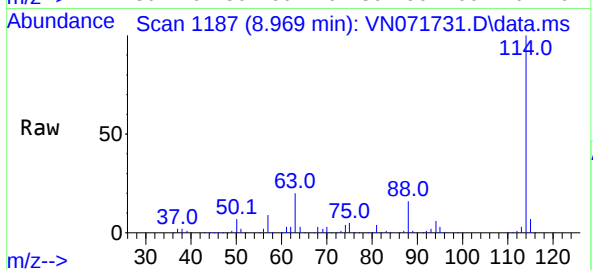
Tgt Ion:114 Resp: 1114131

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

88 15.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.577 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071731.D

Acq: 01 Apr 2022 02:51

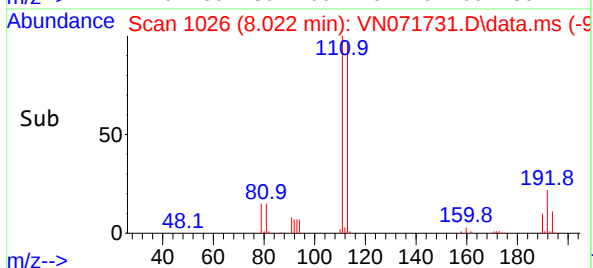
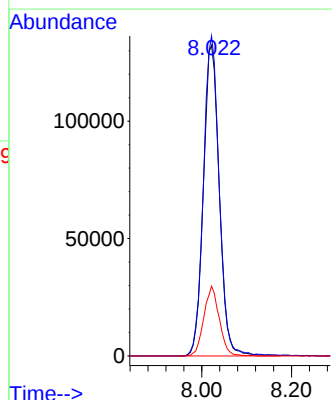
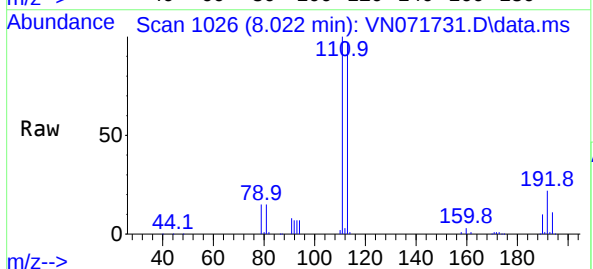
Tgt Ion:113 Resp: 325031

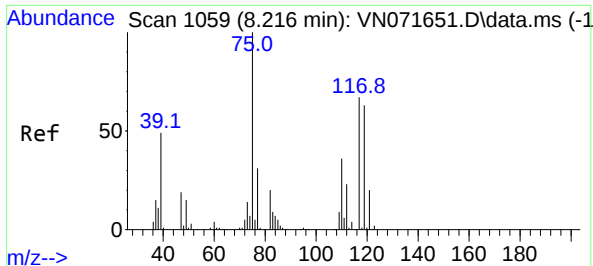
Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 21.7 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.064 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN071731.D

Acq: 01 Apr 2022 02:51

Instrument :

MSVOA_N

ClientSampleId :

FB033022

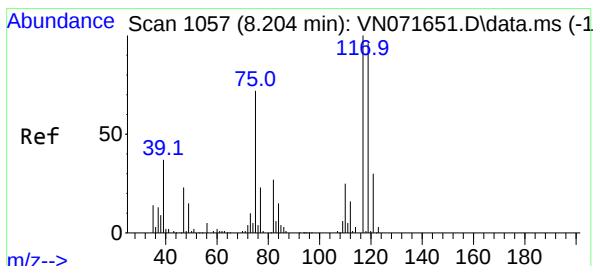
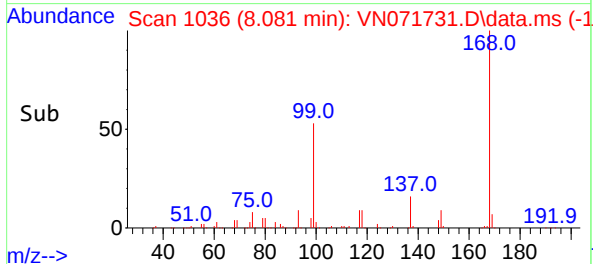
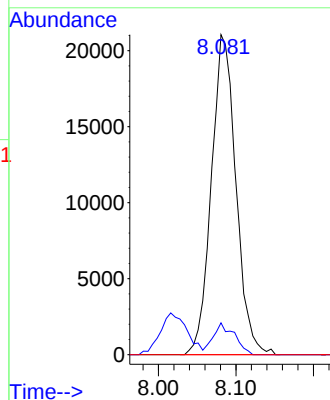
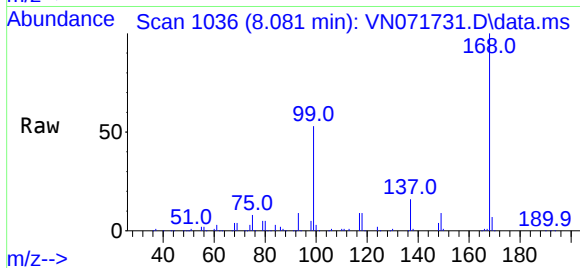
Tgt Ion: 75 Resp: 46365

Ion Ratio Lower Upper

75 100

110 8.6 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.564 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.118 min

Lab File: VN071731.D

Acq: 01 Apr 2022 02:51

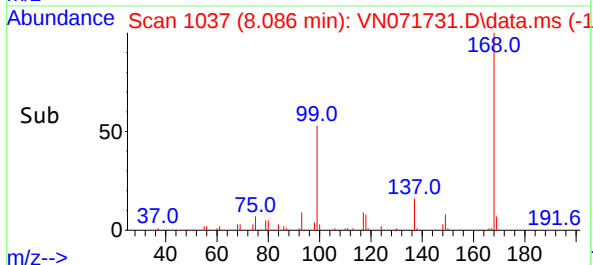
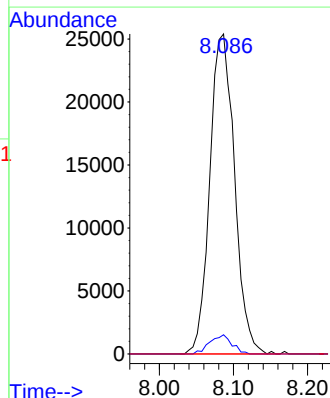
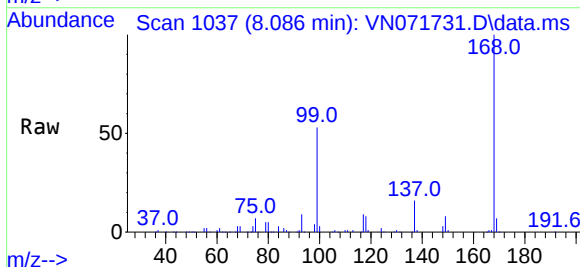
Tgt Ion: 117 Resp: 58893

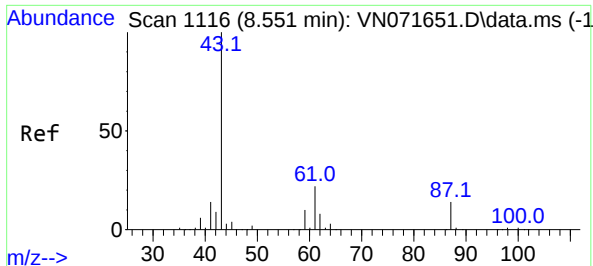
Ion Ratio Lower Upper

117 100

119 6.0 75.8 113.8#

121 0.0 24.6 37.0#

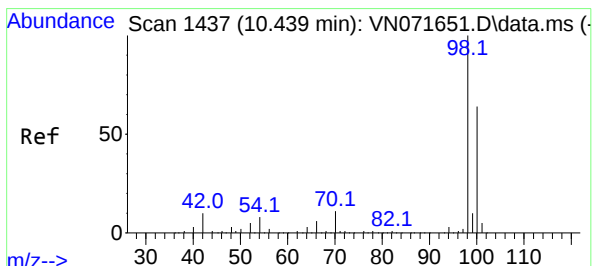
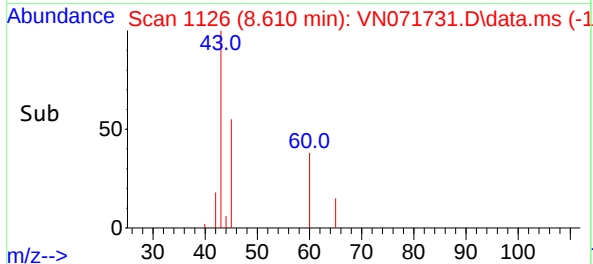
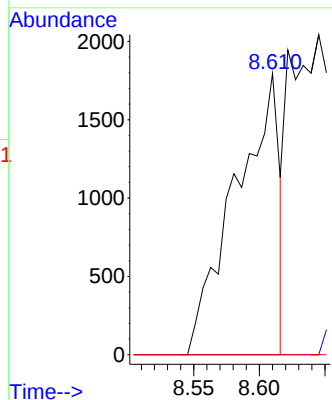
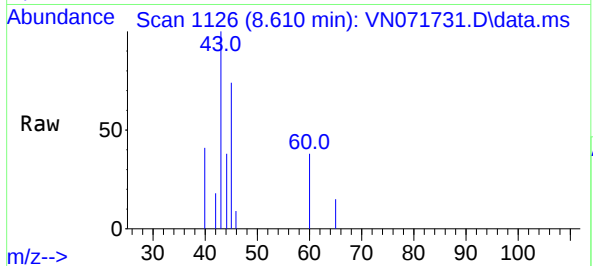




#43
Isopropyl Acetate
Concen: 0.250 ug/l
RT: 8.610 min Scan# 1116
Delta R.T. 0.059 min
Lab File: VN071731.D
Acq: 01 Apr 2022 02:51

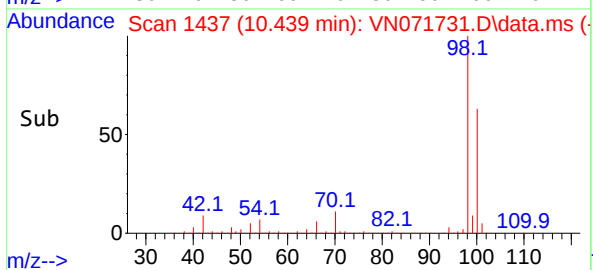
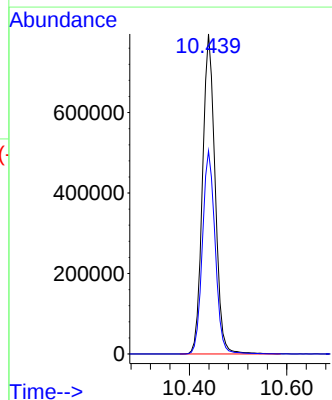
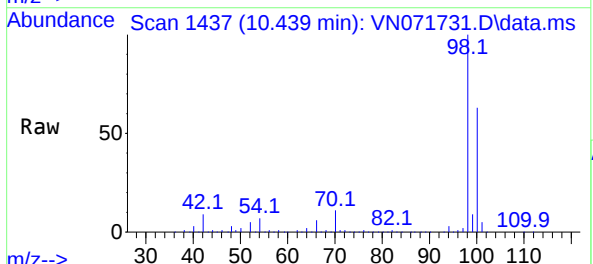
Instrument :
MSVOA_N
ClientSampleId :
FB033022

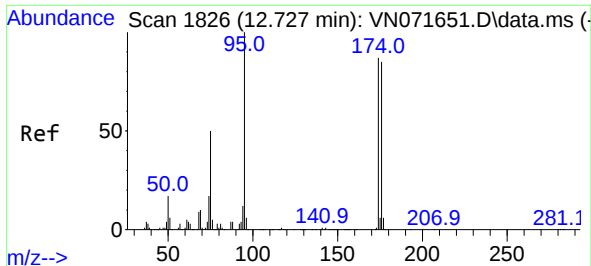
Tgt Ion: 43 Resp: 4167
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 53.113 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071731.D
Acq: 01 Apr 2022 02:51

Tgt Ion: 98 Resp: 1424450
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8

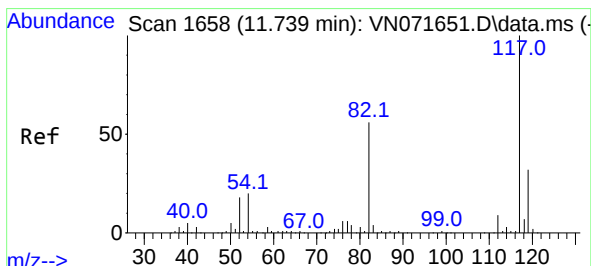
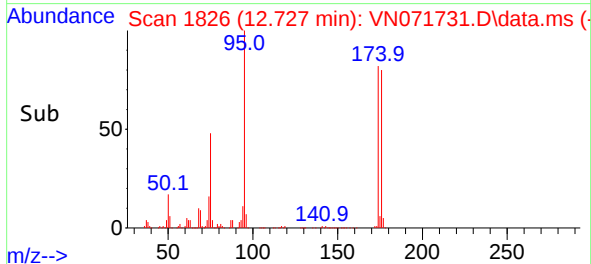
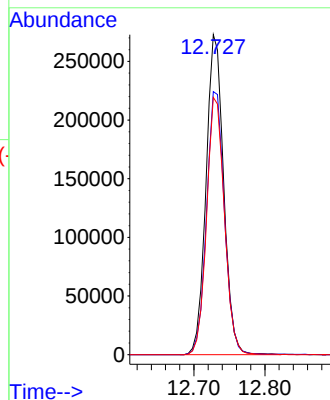
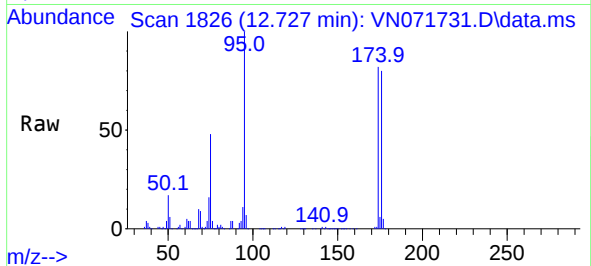




#62
4-Bromofluorobenzene
Concen: 54.145 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071731.D
Acq: 01 Apr 2022 02:51

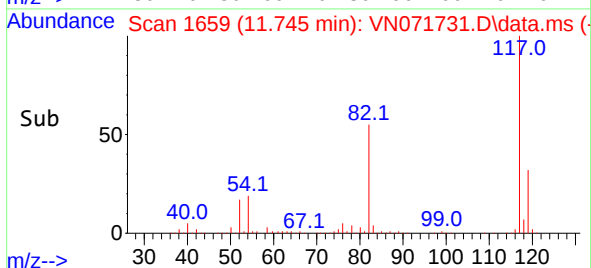
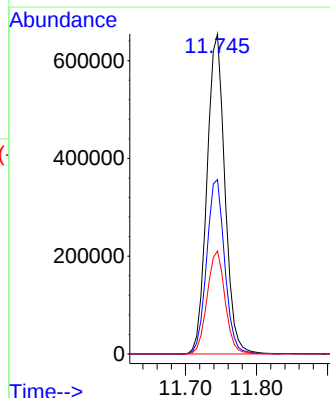
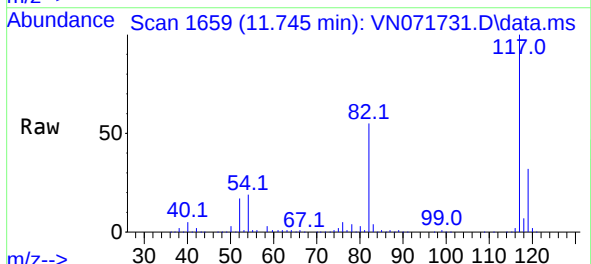
Instrument :
MSVOA_N
ClientSampleId :
FB033022

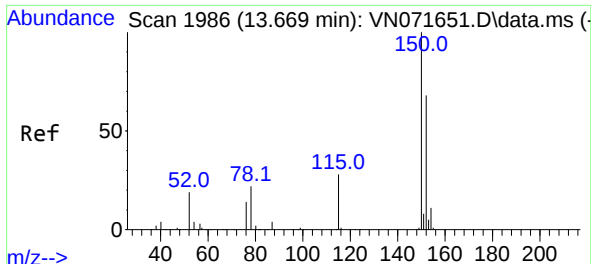
Tgt Ion: 95 Resp: 469643
Ion Ratio Lower Upper
95 100
174 83.7 0.0 167.6
176 81.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN071731.D
Acq: 01 Apr 2022 02:51

Tgt Ion: 117 Resp: 1148290
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 32.2 25.4 38.0

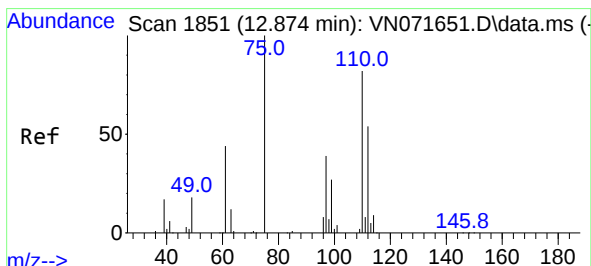
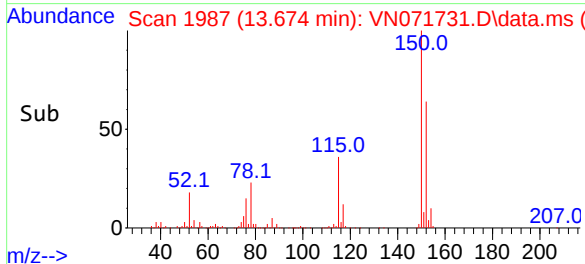
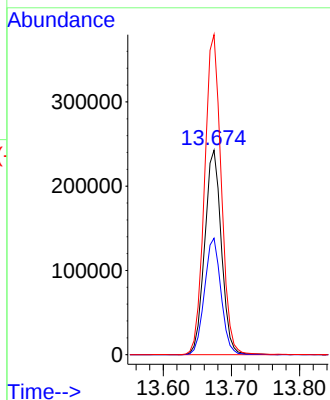
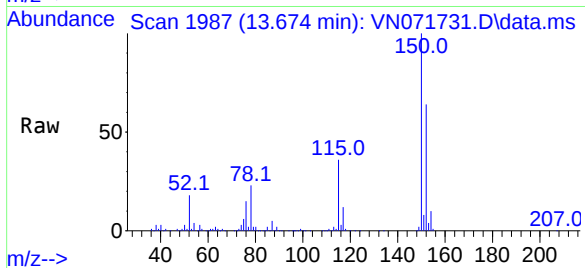




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.674 min Scan# 1986
 Delta R.T. 0.005 min
 Lab File: VN071731.D
 Acq: 01 Apr 2022 02:51

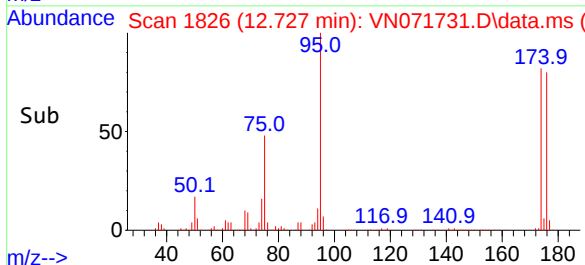
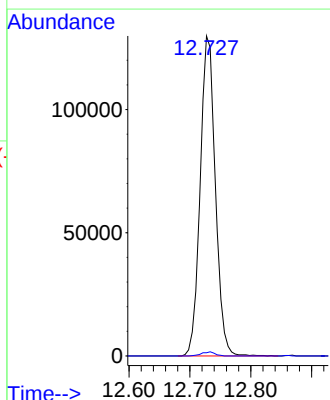
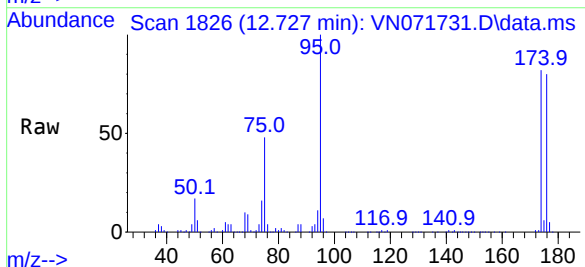
Instrument :
 MSVOA_N
 ClientSampleId :
 FB033022

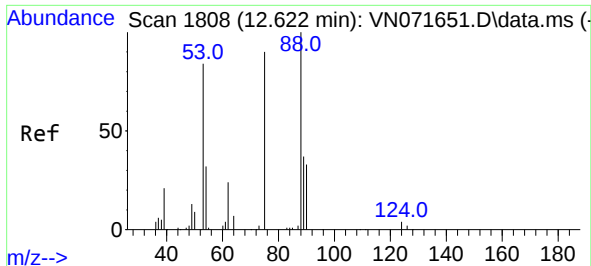
Tgt Ion:152 Resp: 413119
 Ion Ratio Lower Upper
 152 100
 115 56.4 28.9 86.7
 150 156.6 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 23.526 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.147 min
 Lab File: VN071731.D
 Acq: 01 Apr 2022 02:51

Tgt Ion: 75 Resp: 225147
 Ion Ratio Lower Upper
 75 100
 77 1.2 98.5 295.5#

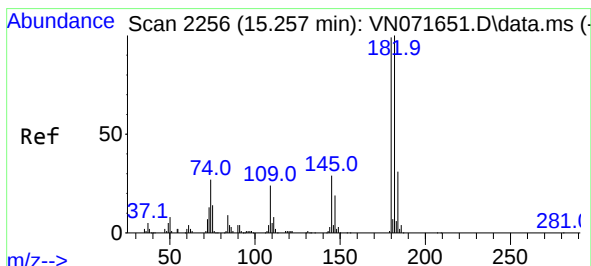
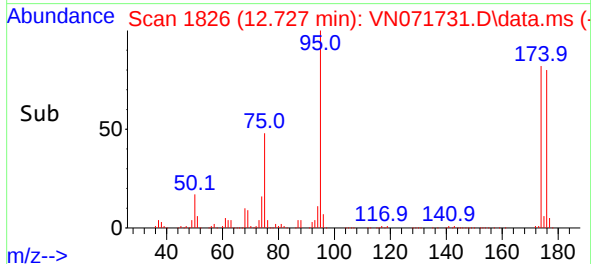
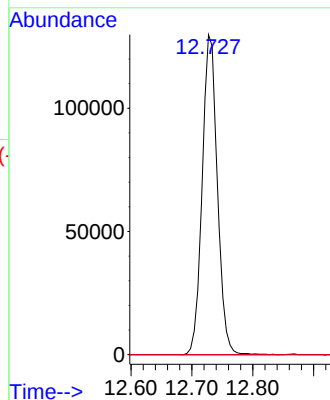
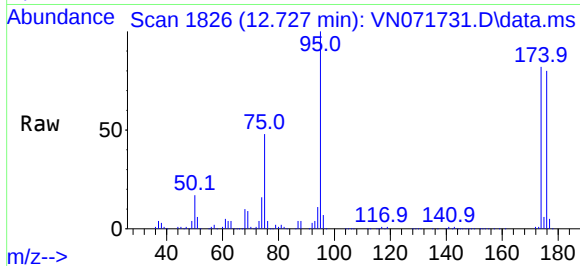




#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.906 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. 0.105 min
 Lab File: VN071731.D
 Acq: 01 Apr 2022 02:51

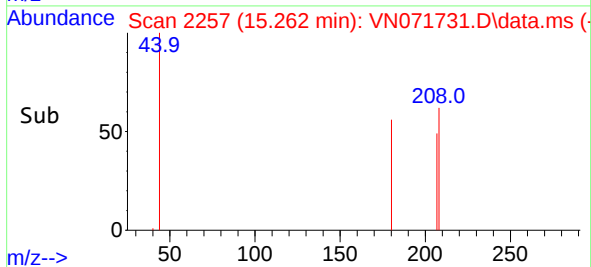
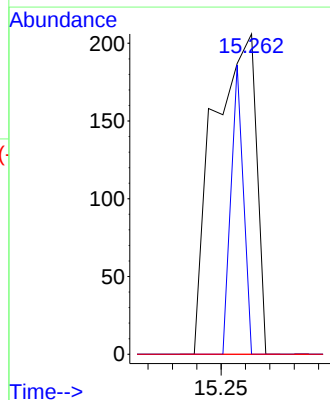
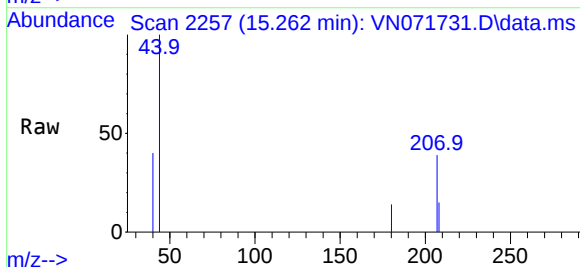
Instrument :
 MSVOA_N
 ClientSampleId :
 FB033022

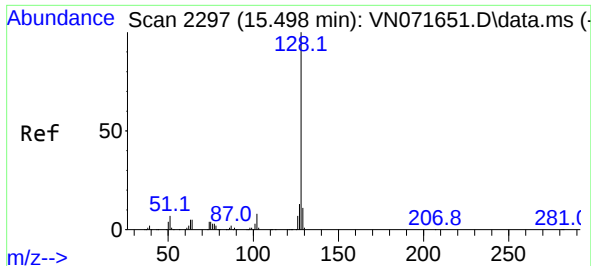
Tgt Ion: 75 Resp: 225147
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.122 ug/l
 RT: 15.262 min Scan# 2257
 Delta R.T. 0.005 min
 Lab File: VN071731.D
 Acq: 01 Apr 2022 02:51

Tgt Ion: 180 Resp: 249
 Ion Ratio Lower Upper
 180 100
 182 26.5 47.5 142.5#
 145 0.0 14.5 43.5#

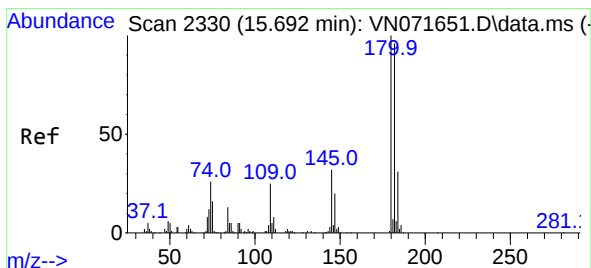
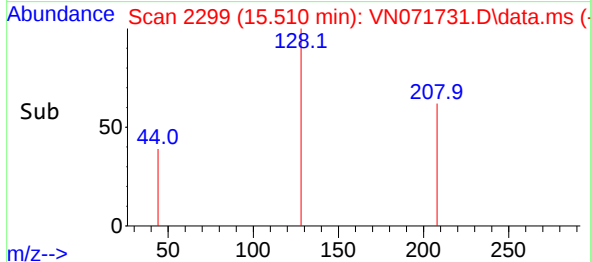
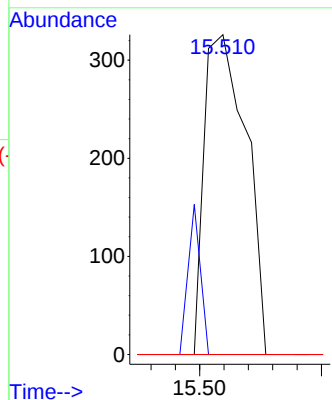
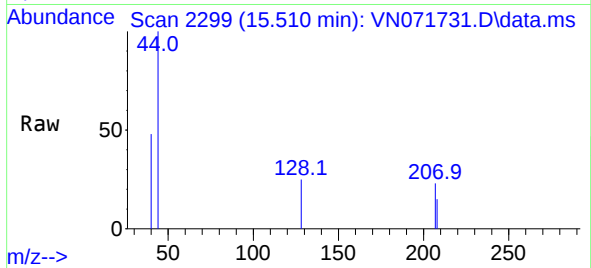




#95
Naphthalene
Concen: 3.822 ug/l
RT: 15.510 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN071731.D
Acq: 01 Apr 2022 02:51

Instrument :
MSVOA_N
ClientSampleId :
FB033022

Tgt Ion:128 Resp: 389
Ion Ratio Lower Upper
128 100
127 13.9 10.3 15.5
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.433 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071731.D
Acq: 01 Apr 2022 02:51

Tgt Ion:180 Resp: 127
Ion Ratio Lower Upper
180 100
182 0.0 47.8 143.3#
145 0.0 15.5 46.5#

