

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
 Data File : VN071727.D
 Acq On : 01 Apr 2022 01:14
 Operator : JC\MD
 Sample : N2090-23
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB032222

Quant Time: Apr 01 06:03:52 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)

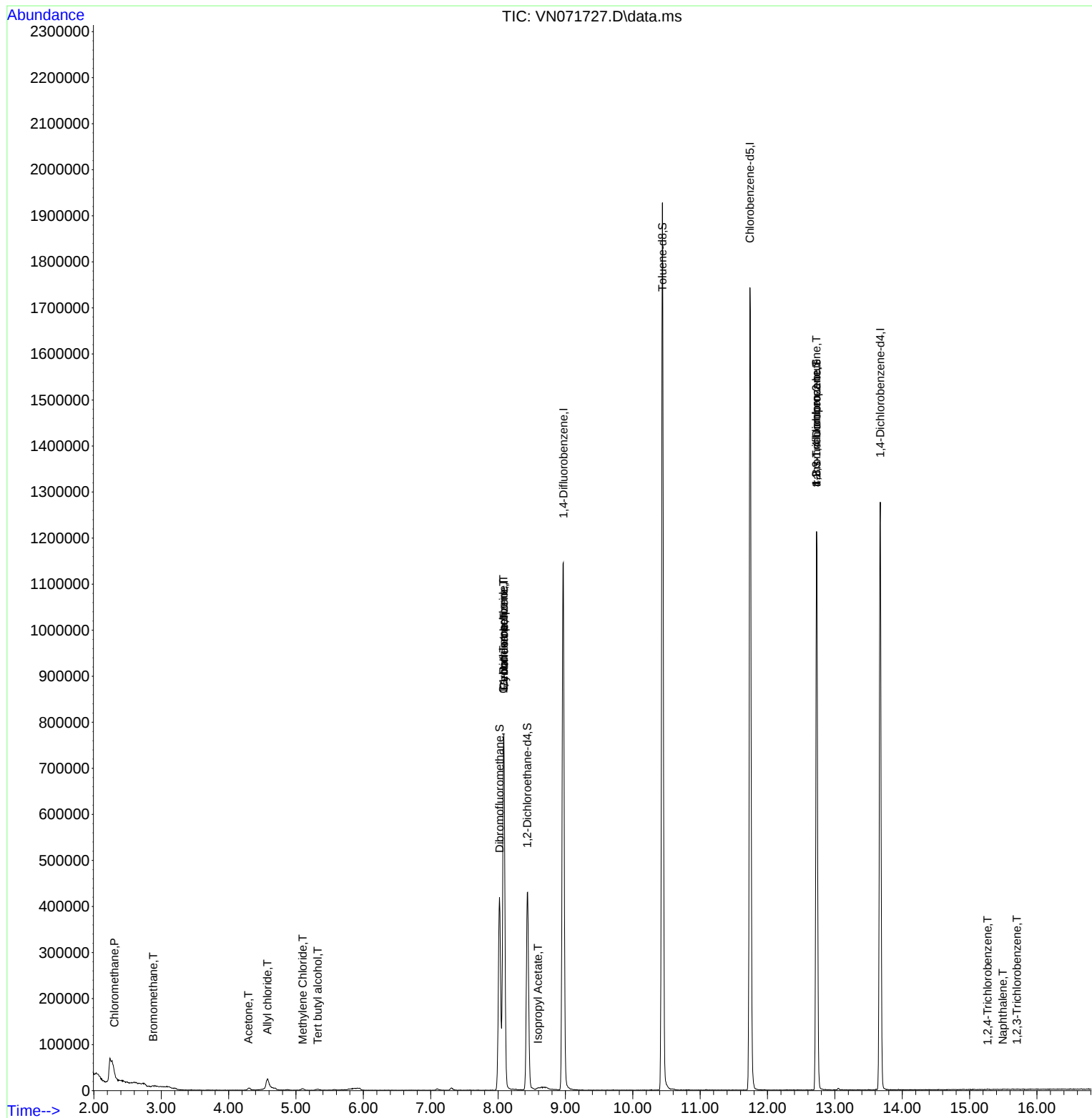
Internal Standards						
1) Pentafluorobenzene	8.086	168	644715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1099193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1088533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	382059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	371877	50.526	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 101.060%		
35) Dibromofluoromethane	8.022	113	312680	48.342	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 96.680%		
50) Toluene-d8	10.439	98	1362882	51.508	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 103.020%		
62) 4-Bromofluorobenzene	12.727	95	444643	51.960	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 103.920%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.304	50	3486	0.537	ug/l	92
5) Bromomethane	2.881	94	2057	0.444	ug/l	99
11) Tert butyl alcohol	5.322	59	2260	1.892	ug/l #	72
14) Allyl chloride	4.575	41	3393	0.393	ug/l #	71
16) Acetone	4.293	43	5955	1.893	ug/l	95
18) Methyl Acetate	4.869	43	2814	Below Cal	#	78
20) Methylene Chloride	5.098	84	2914	0.440	ug/l #	93
31) Cyclohexane	8.086	56	11381	1.137	ug/l #	8
36) 1,1-Dichloropropene	8.081	75	45851	5.076	ug/l #	48
38) Carbon Tetrachloride	8.081	117	57622	6.509	ug/l #	16
43) Isopropyl Acetate	8.592	43	3360	0.204	ug/l #	53
76) 1,2,3-Trichloropropane	12.727	75	214766	24.265	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	214766	75.198	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.268	180	345	2.140	ug/l	93
95) Naphthalene	15.492	128	1507	3.883	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.704	180	312	2.465	ug/l #	69

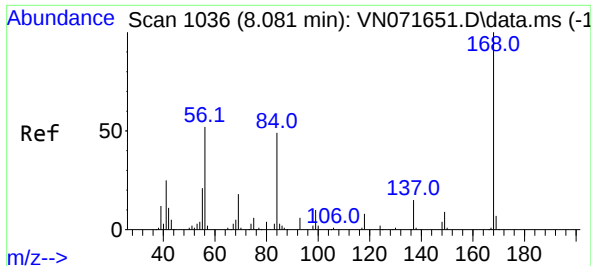
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 01 06:03:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
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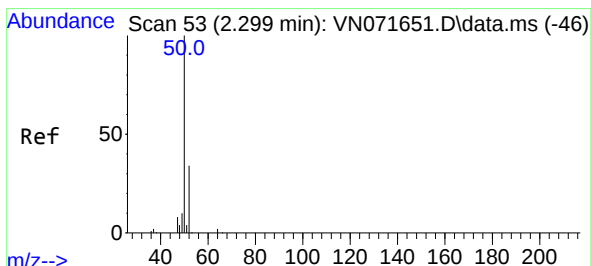
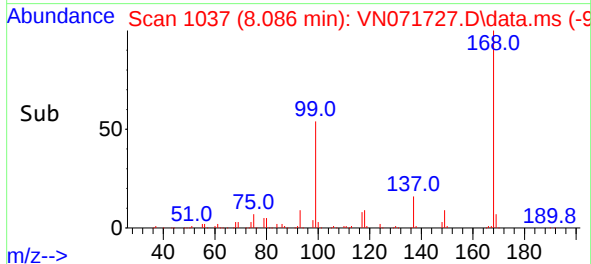
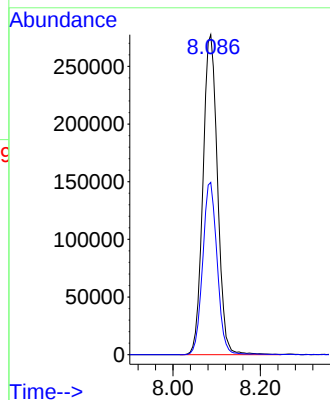
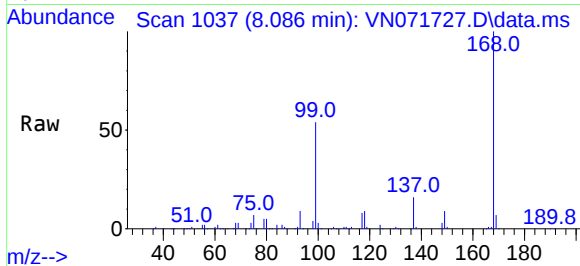




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN071727.D
Acq: 01 Apr 2022 01:14

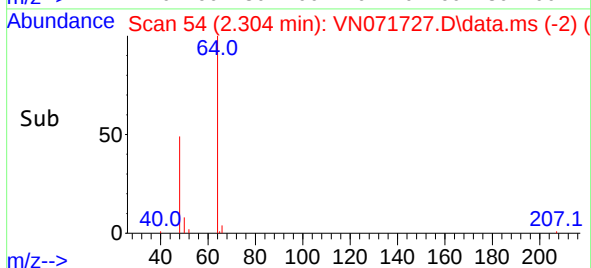
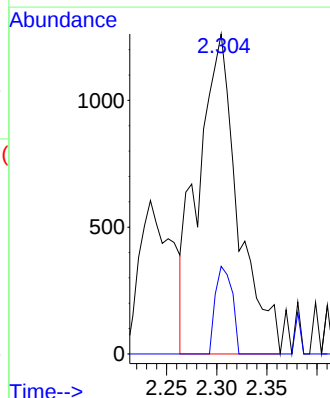
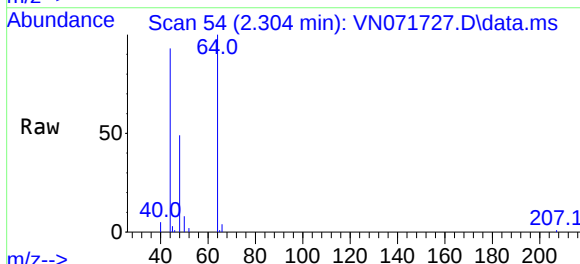
Instrument :
MSVOA_N
ClientSampleId :
FB032222

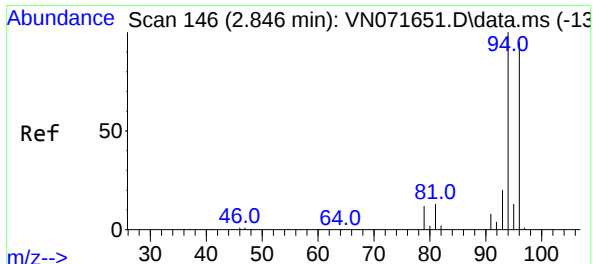
Tgt Ion:168 Resp: 644715
Ion Ratio Lower Upper
168 100
99 53.9 42.3 63.5



#3
Chloromethane
Concen: 0.537 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN071727.D
Acq: 01 Apr 2022 01:14

Tgt Ion: 50 Resp: 3486
Ion Ratio Lower Upper
50 100
52 27.4 25.7 38.5

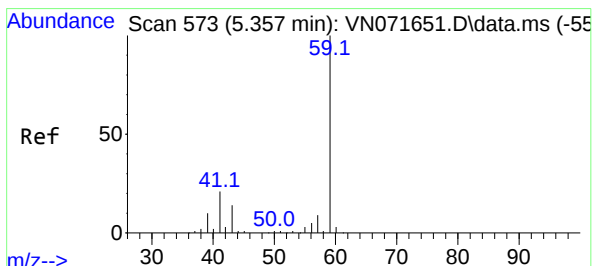
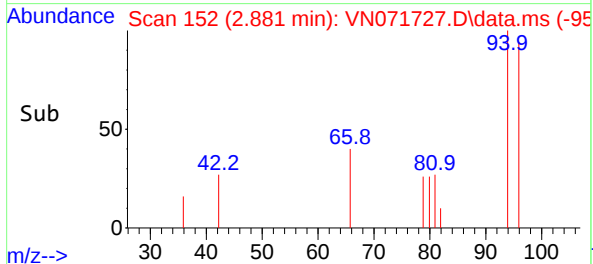
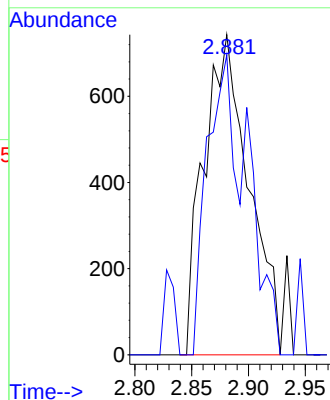
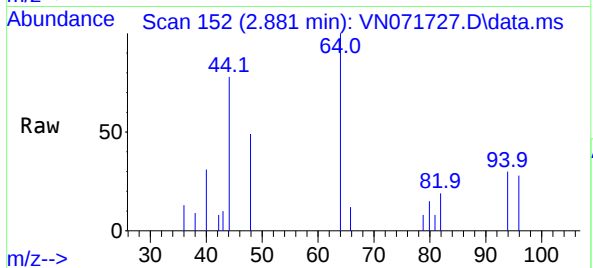




#5
Bromomethane
Concen: 0.444 ug/l
RT: 2.881 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN071727.D
Acq: 01 Apr 2022 01:14

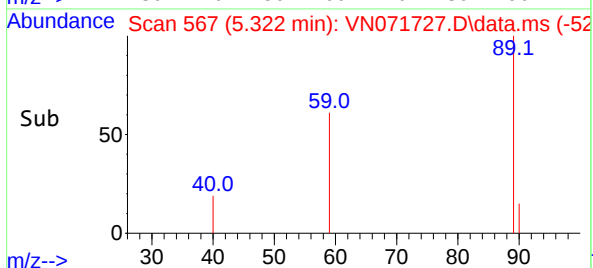
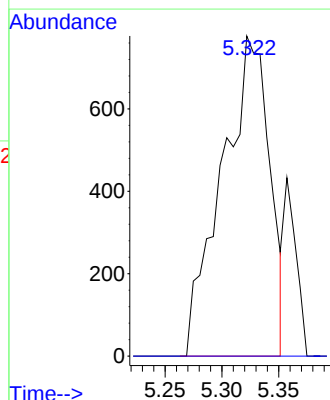
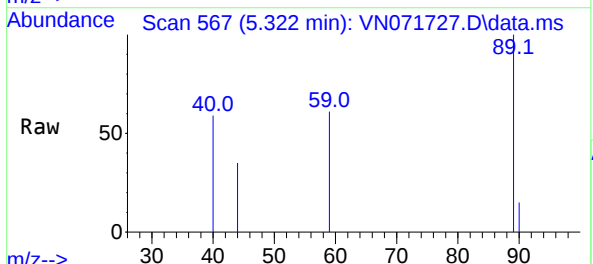
Instrument :
MSVOA_N
ClientSampleId :
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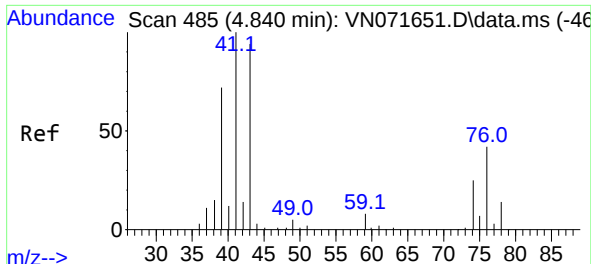
Tgt Ion: 94 Resp: 2057
Ion Ratio Lower Upper
94 100
96 93.7 76.0 114.0



#11
Tert butyl alcohol
Concen: 1.892 ug/l
RT: 5.322 min Scan# 567
Delta R.T. -0.035 min
Lab File: VN071727.D
Acq: 01 Apr 2022 01:14

Tgt Ion: 59 Resp: 2260
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

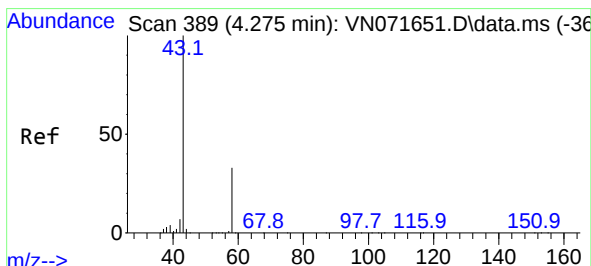
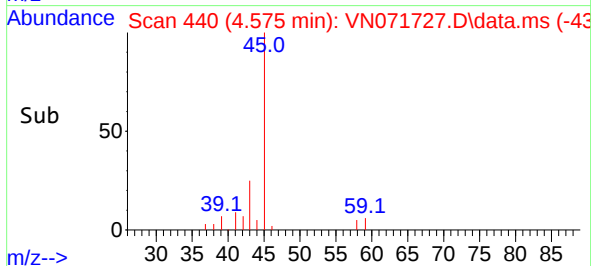
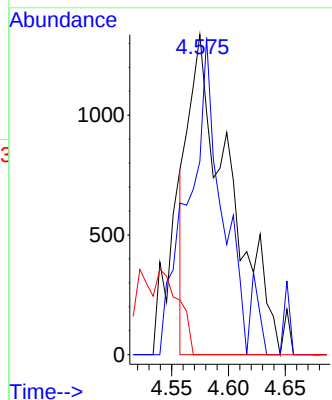
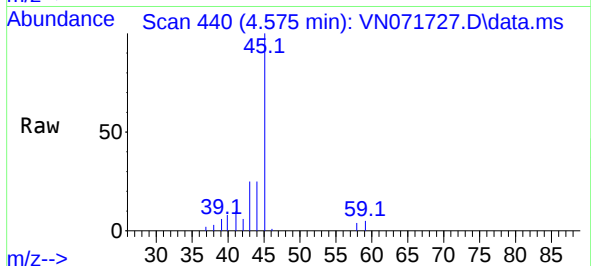




#14
Allyl chloride
Concen: 0.393 ug/l
RT: 4.575 min Scan# 41
Delta R.T. -0.265 min
Lab File: VN071727.D
Acq: 01 Apr 2022 01:14

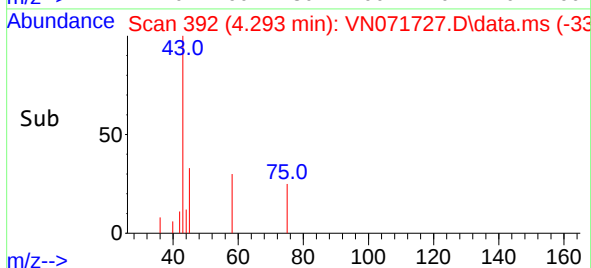
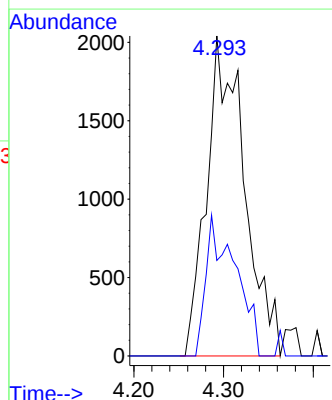
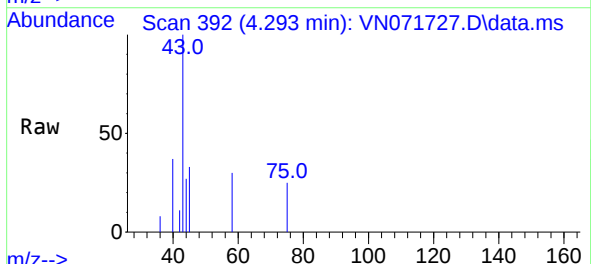
Instrument :
MSVOA_N
ClientSampleId :
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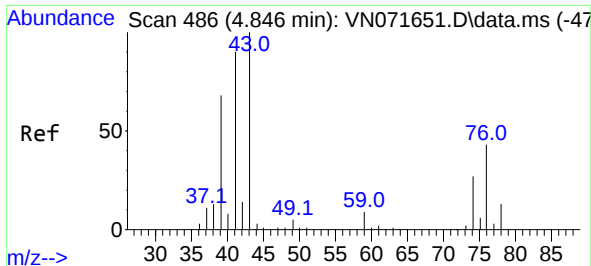
Tgt Ion: 41 Resp: 3393
Ion Ratio Lower Upper
41 100
39 58.5 53.2 79.8
76 0.0 29.9 44.9#



#16
Acetone
Concen: 1.893 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN071727.D
Acq: 01 Apr 2022 01:14

Tgt Ion: 43 Resp: 5955
Ion Ratio Lower Upper
43 100
58 29.8 26.0 39.0

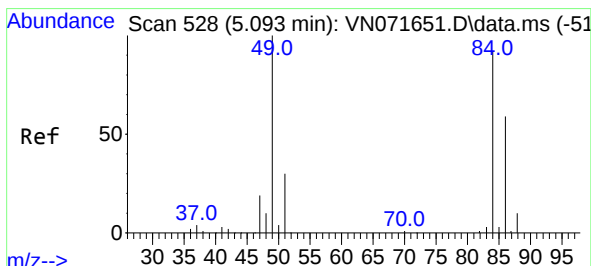
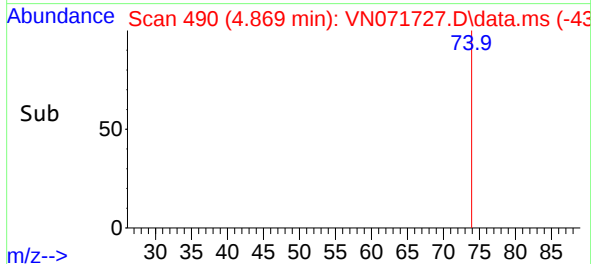
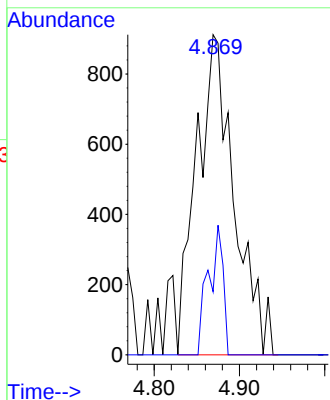
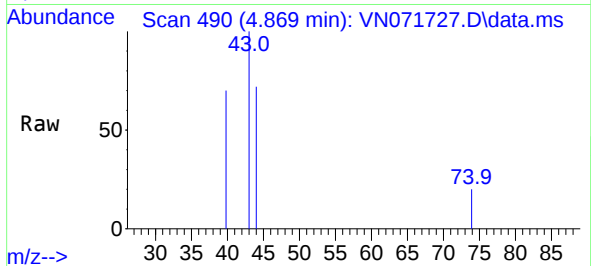




#18
Methyl Acetate
Concen: Below Cal
RT: 4.869 min Scan# 49
Delta R.T. 0.023 min
Lab File: VN071727.D
Acq: 01 Apr 2022 01:14

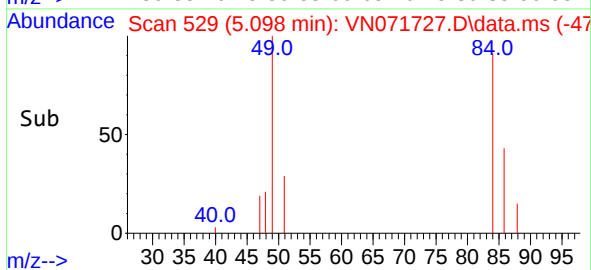
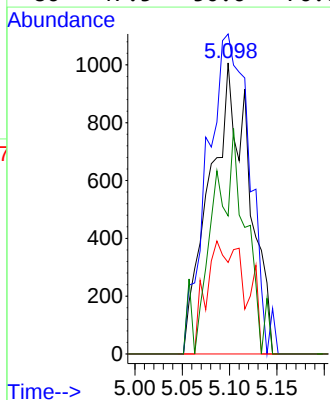
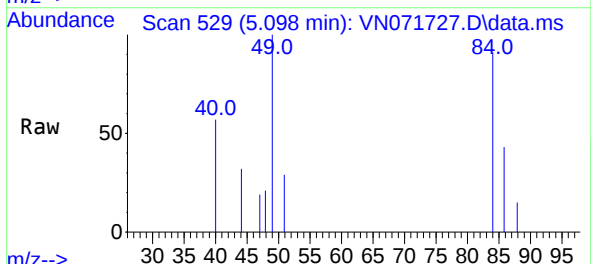
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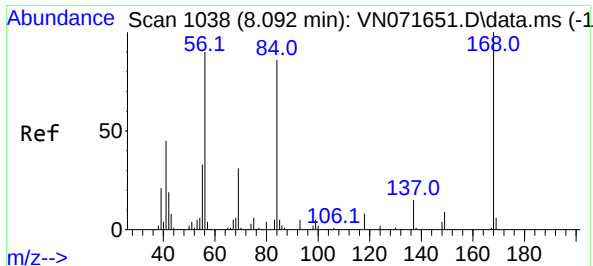
Tgt Ion: 43 Resp: 2814
Ion Ratio Lower Upper
43 100
74 15.6 21.6 32.4#



#20
Methylene Chloride
Concen: 0.440 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN071727.D
Acq: 01 Apr 2022 01:14

Tgt Ion: 84 Resp: 2914
Ion Ratio Lower Upper
84 100
49 109.9 88.3 132.5
51 31.5 28.2 42.2
86 47.5 50.6 76.0#





#31

Cyclohexane

Concen: 1.137 ug/l

RT: 8.086 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN071727.D

Acq: 01 Apr 2022 01:14

Instrument :

MSVOA_N

ClientSampleId :

FB032222

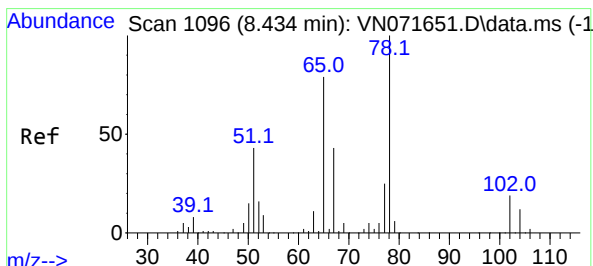
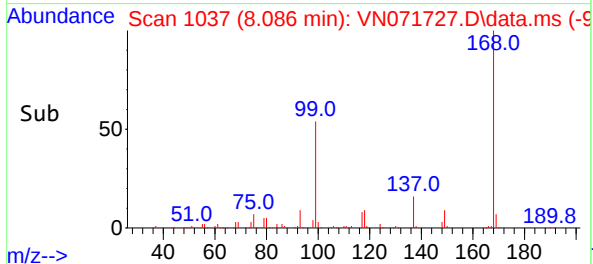
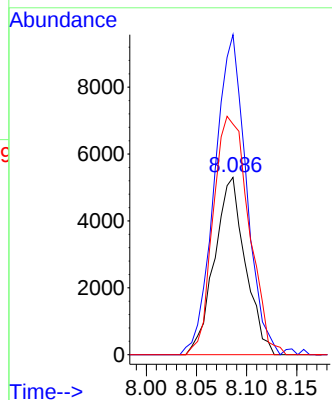
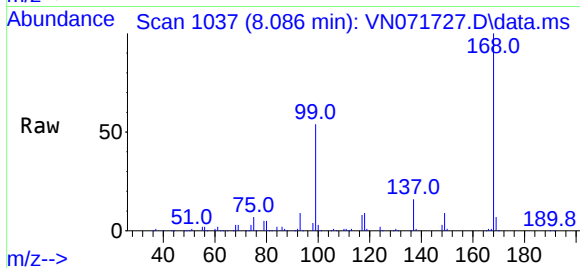
Tgt Ion: 56 Resp: 11381

Ion Ratio Lower Upper

56 100

69 180.4 27.8 41.8#

84 130.1 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 50.526 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN071727.D

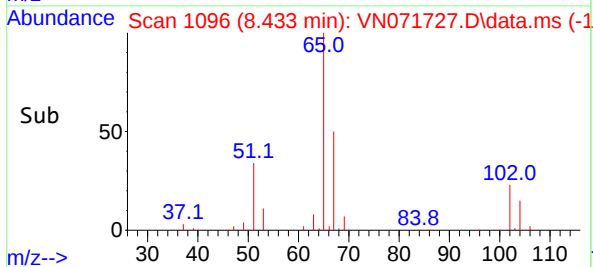
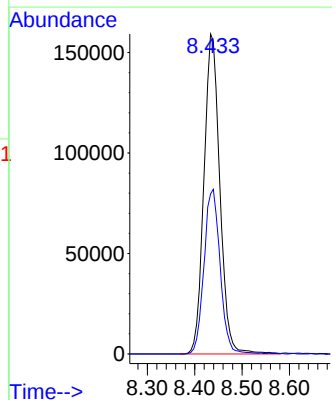
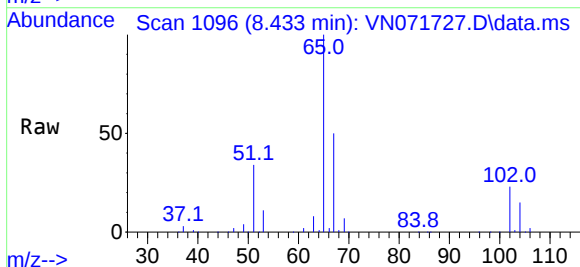
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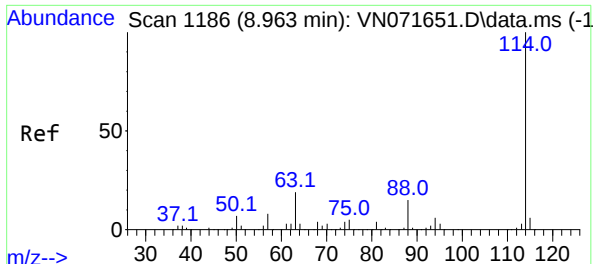
Tgt Ion: 65 Resp: 371877

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.8

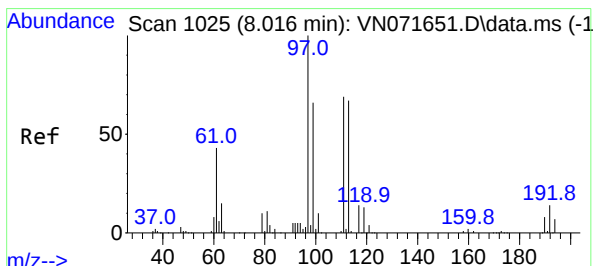
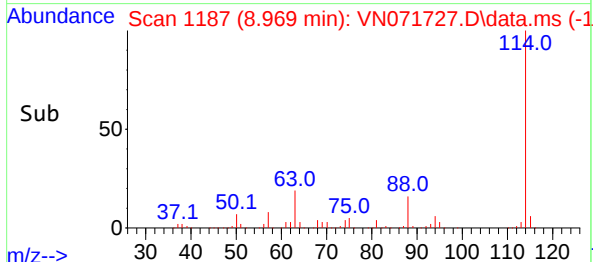
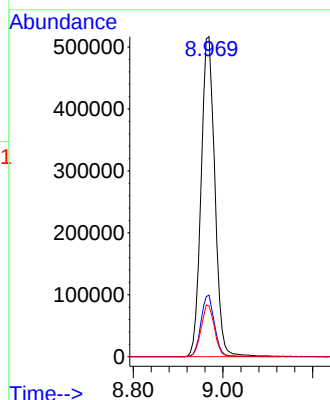
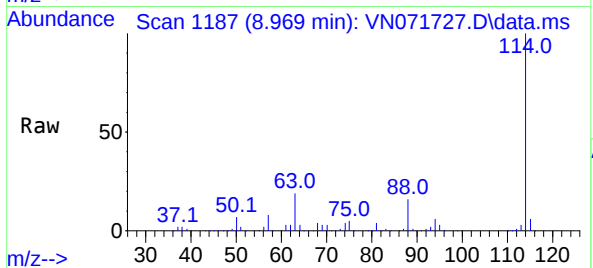




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.969 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN071727.D
Acq: 01 Apr 2022 01:14

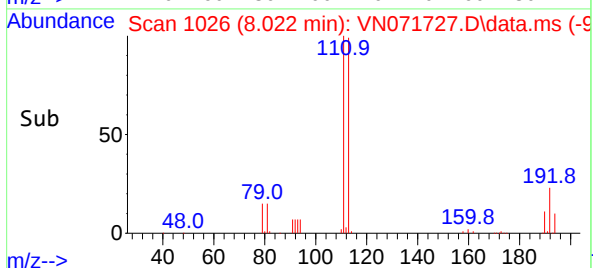
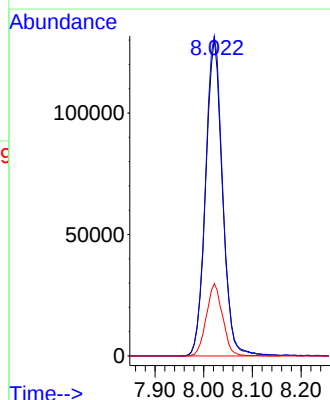
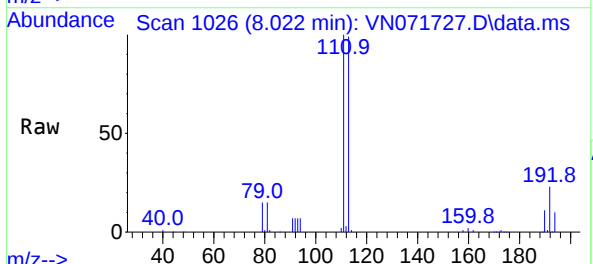
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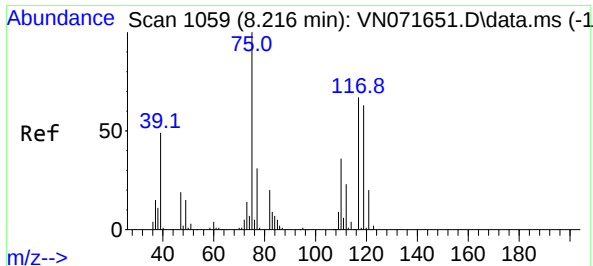
Tgt Ion:114 Resp: 1099193
Ion Ratio Lower Upper
114 100
63 19.2 0.0 40.0
88 15.8 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.342 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071727.D
Acq: 01 Apr 2022 01:14

Tgt Ion:113 Resp: 312680
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 22.1 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.076 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN071727.D

Acq: 01 Apr 2022 01:14

Instrument :

MSVOA_N

ClientSampleId :

FB032222

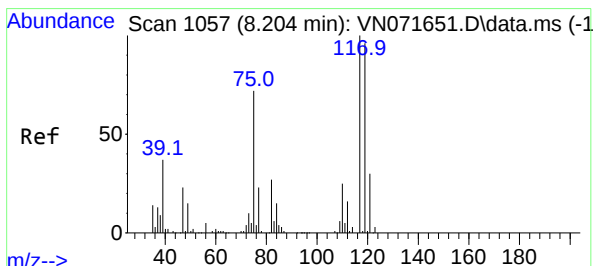
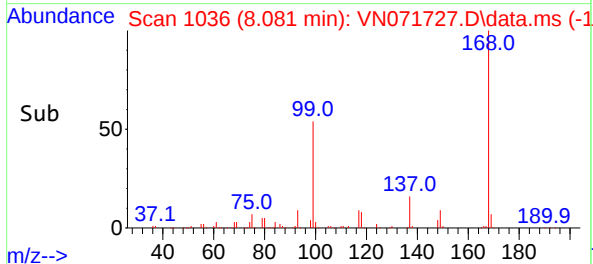
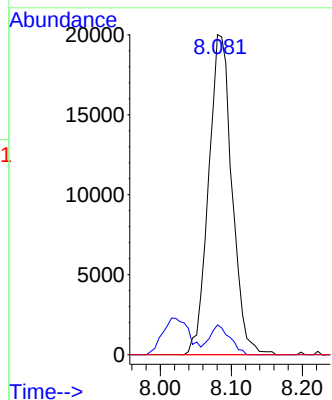
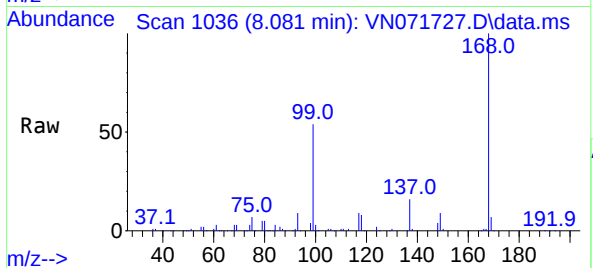
Tgt Ion: 75 Resp: 45851

Ion Ratio Lower Upper

75 100

110 8.1 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.509 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.123 min

Lab File: VN071727.D

Acq: 01 Apr 2022 01:14

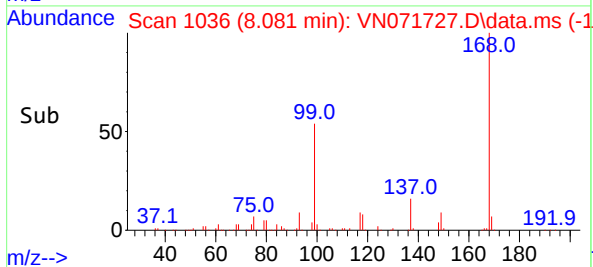
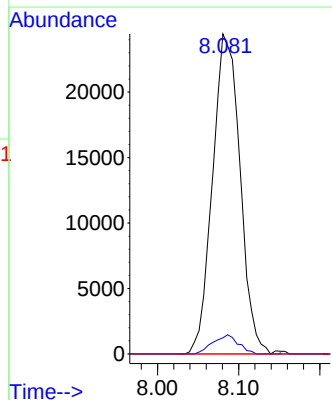
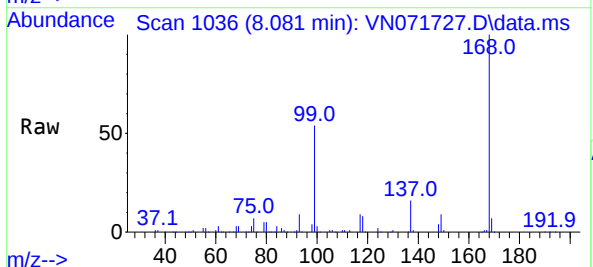
Tgt Ion: 117 Resp: 57622

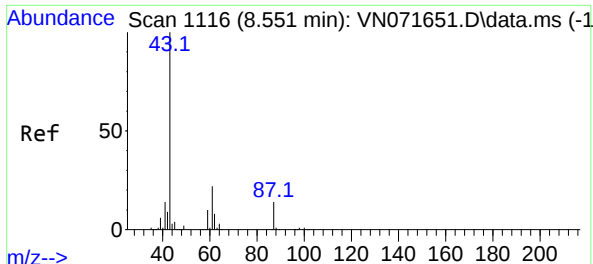
Ion Ratio Lower Upper

117 100

119 5.1 75.8 113.8#

121 0.0 24.6 37.0#

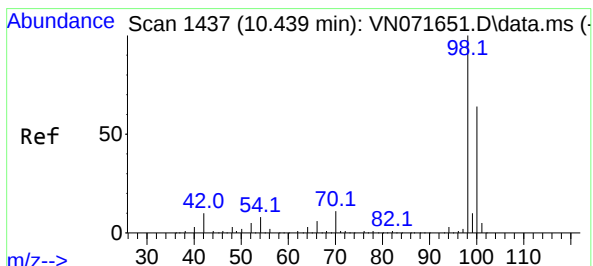
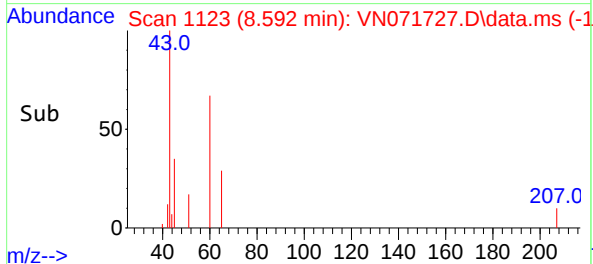
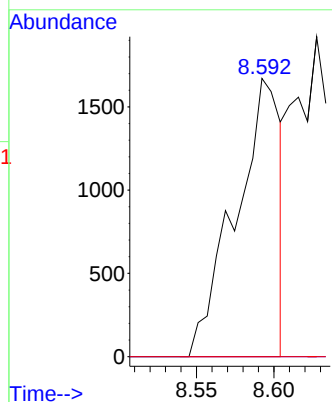
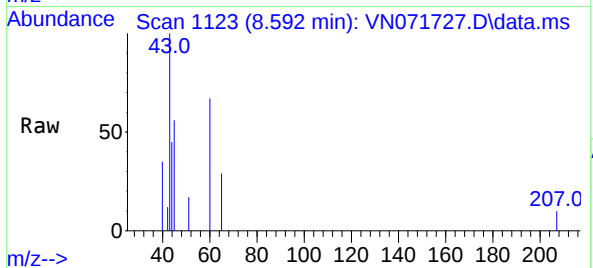




#43
Isopropyl Acetate
Concen: 0.204 ug/l
RT: 8.592 min Scan# 1116
Delta R.T. 0.041 min
Lab File: VN071727.D
Acq: 01 Apr 2022 01:14

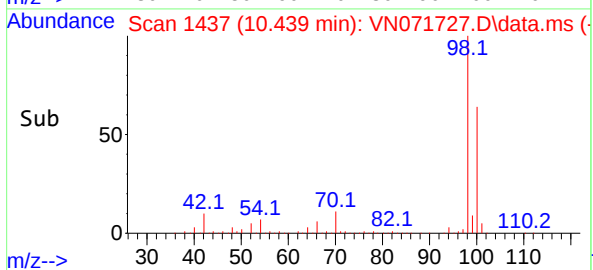
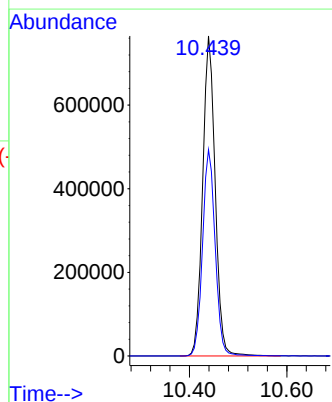
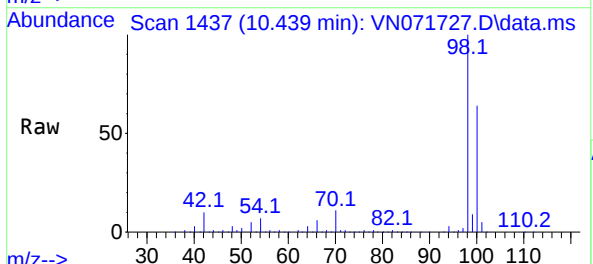
Instrument :
MSVOA_N
ClientSampleId :
FB032222

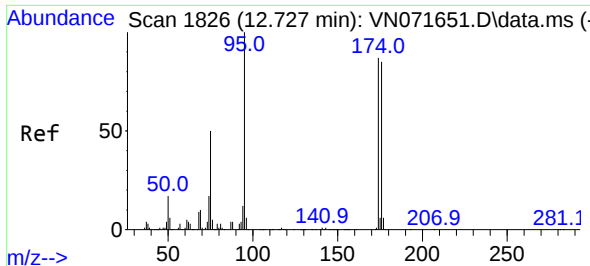
Tgt Ion: 43 Resp: 3360
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 51.508 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071727.D
Acq: 01 Apr 2022 01:14

Tgt Ion: 98 Resp: 1362882
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8

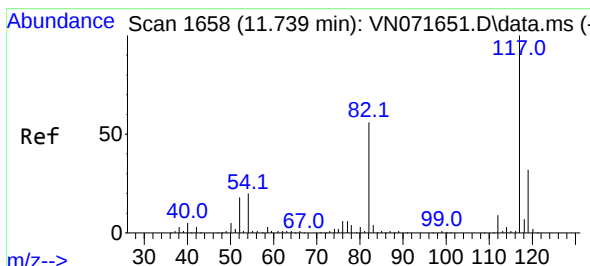
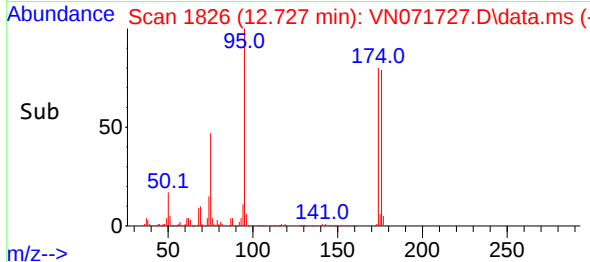
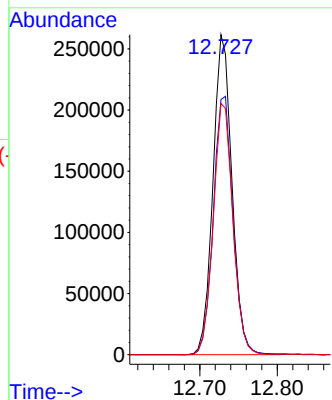
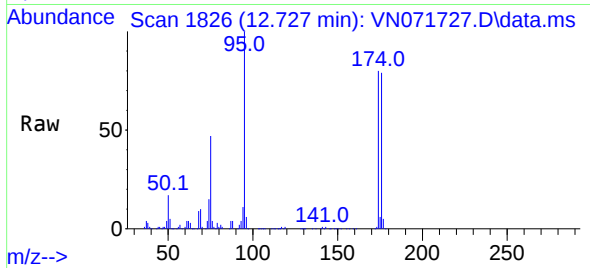




#62
4-Bromofluorobenzene
Concen: 51.960 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071727.D
Acq: 01 Apr 2022 01:14

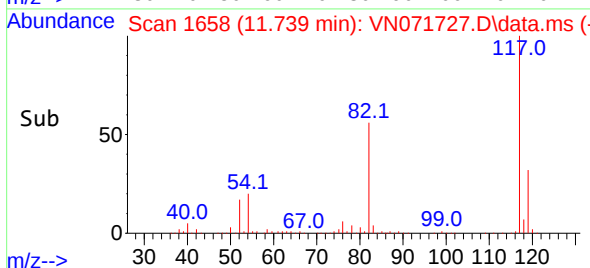
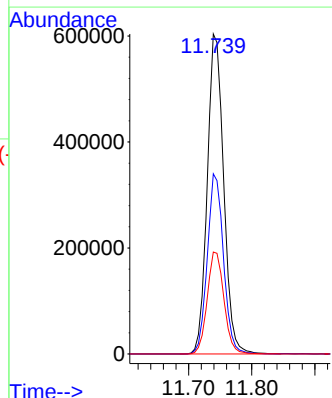
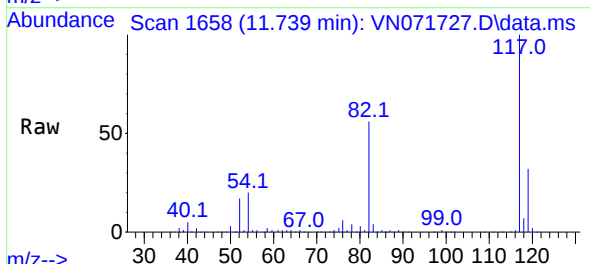
Instrument :
MSVOA_N
ClientSampleId :
FB032222

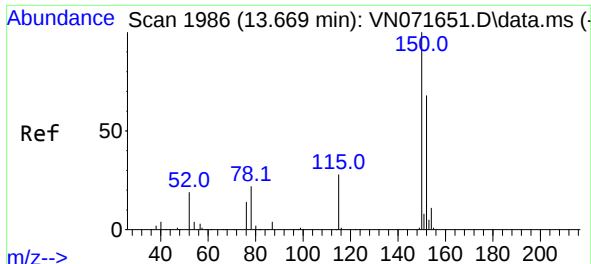
Tgt Ion: 95 Resp: 444643
Ion Ratio Lower Upper
95 100
174 84.0 0.0 167.6
176 80.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071727.D
Acq: 01 Apr 2022 01:14

Tgt Ion: 117 Resp: 1088533
Ion Ratio Lower Upper
117 100
82 56.3 44.2 66.2
119 31.9 25.4 38.0

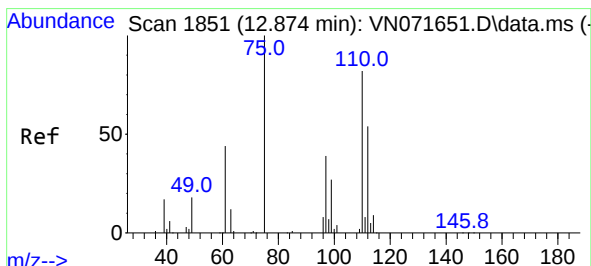
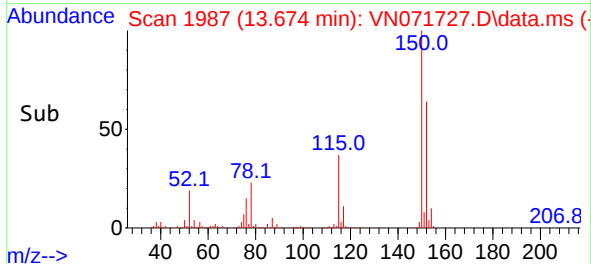
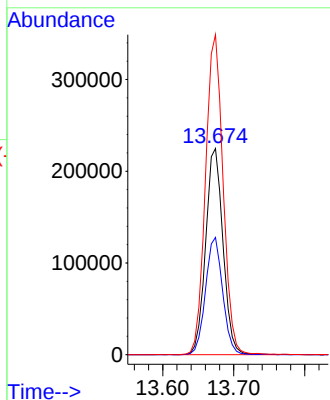
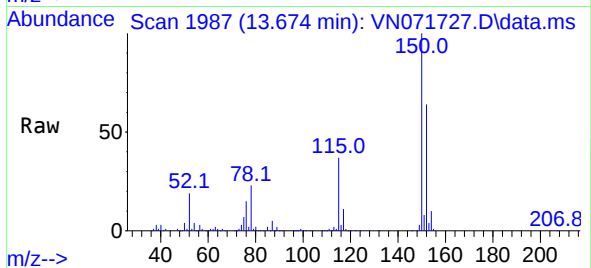




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1986
Delta R.T. 0.005 min
Lab File: VN071727.D
Acq: 01 Apr 2022 01:14

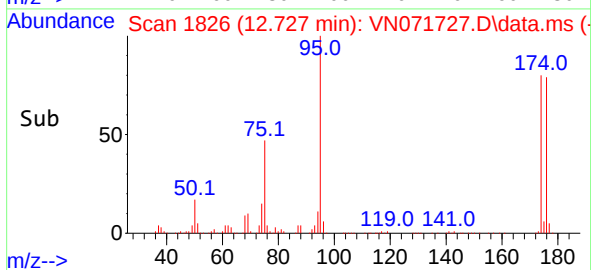
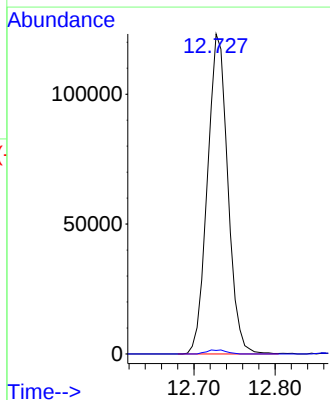
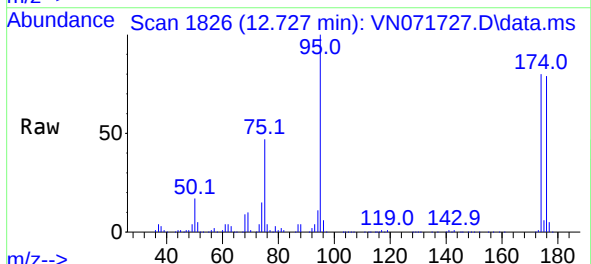
Instrument :
MSVOA_N
ClientSampleId :
FB032222

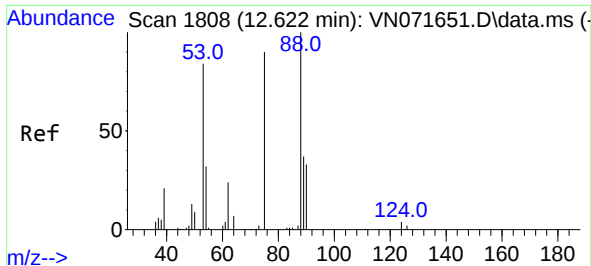
Tgt Ion:152 Resp: 382059
Ion Ratio Lower Upper
152 100
115 56.3 28.9 86.7
150 157.2 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 24.265 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071727.D
Acq: 01 Apr 2022 01:14

Tgt Ion: 75 Resp: 214766
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#

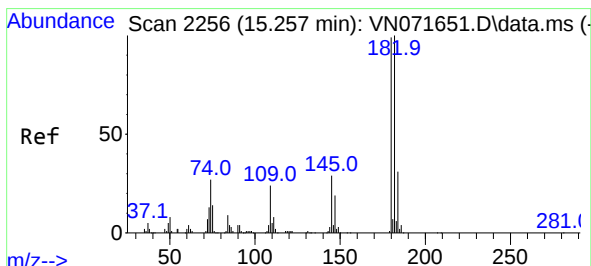
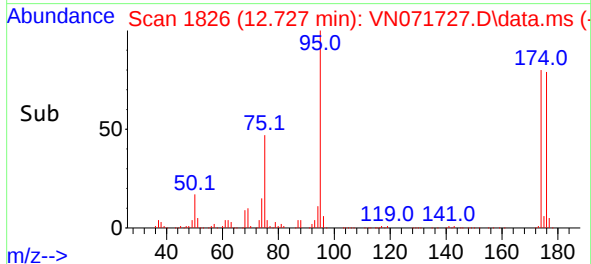
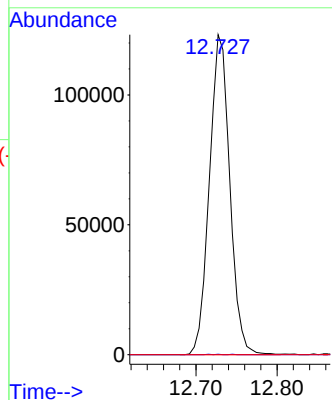
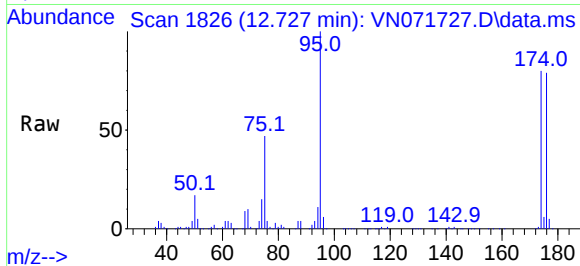




#81
trans-1,4-Dichloro-2-butene
Concen: 75.198 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN071727.D
Acq: 01 Apr 2022 01:14

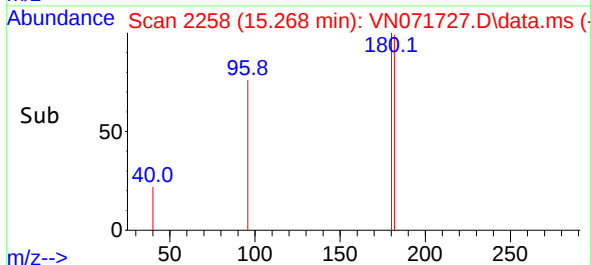
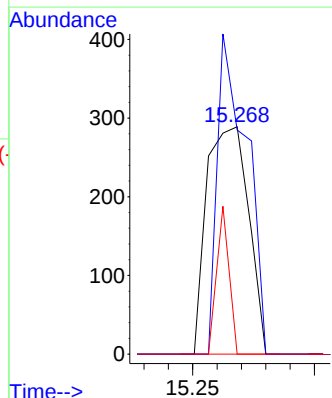
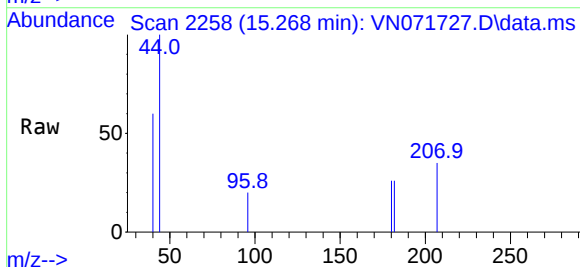
Instrument :
MSVOA_N
ClientSampleId :
FB032222

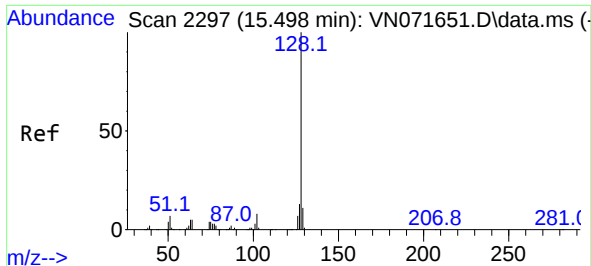
Tgt Ion: 75 Resp: 214766
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.140 ug/l
RT: 15.268 min Scan# 2258
Delta R.T. 0.011 min
Lab File: VN071727.D
Acq: 01 Apr 2022 01:14

Tgt Ion: 180 Resp: 345
Ion Ratio Lower Upper
180 100
182 98.6 47.5 142.5
145 19.1 14.5 43.5

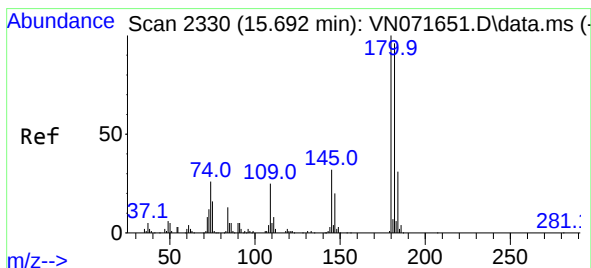
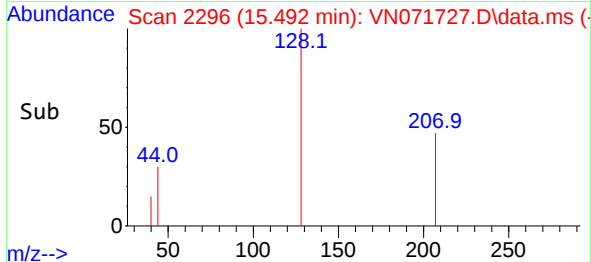
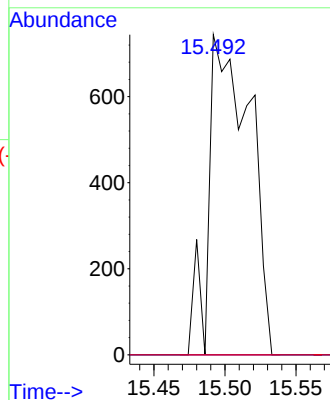
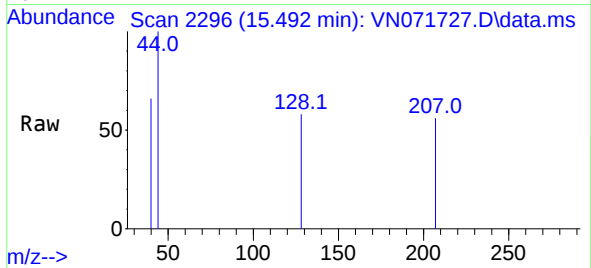




#95
Naphthalene
Concen: 3.883 ug/l
RT: 15.492 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071727.D
Acq: 01 Apr 2022 01:14

Instrument :
MSVOA_N
ClientSampleId :
FB032222

Tgt Ion:128 Resp: 1507
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.465 ug/l
RT: 15.704 min Scan# 2332
Delta R.T. 0.012 min
Lab File: VN071727.D
Acq: 01 Apr 2022 01:14

Tgt Ion:180 Resp: 312
Ion Ratio Lower Upper
180 100
182 117.9 47.8 143.3
145 0.0 15.5 46.5#

