

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
 Data File : VN071785.D
 Acq On : 02 Apr 2022 04:59
 Operator : JC\MD
 Sample : N2222-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB033122

Quant Time: Apr 02 05:35:11 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)

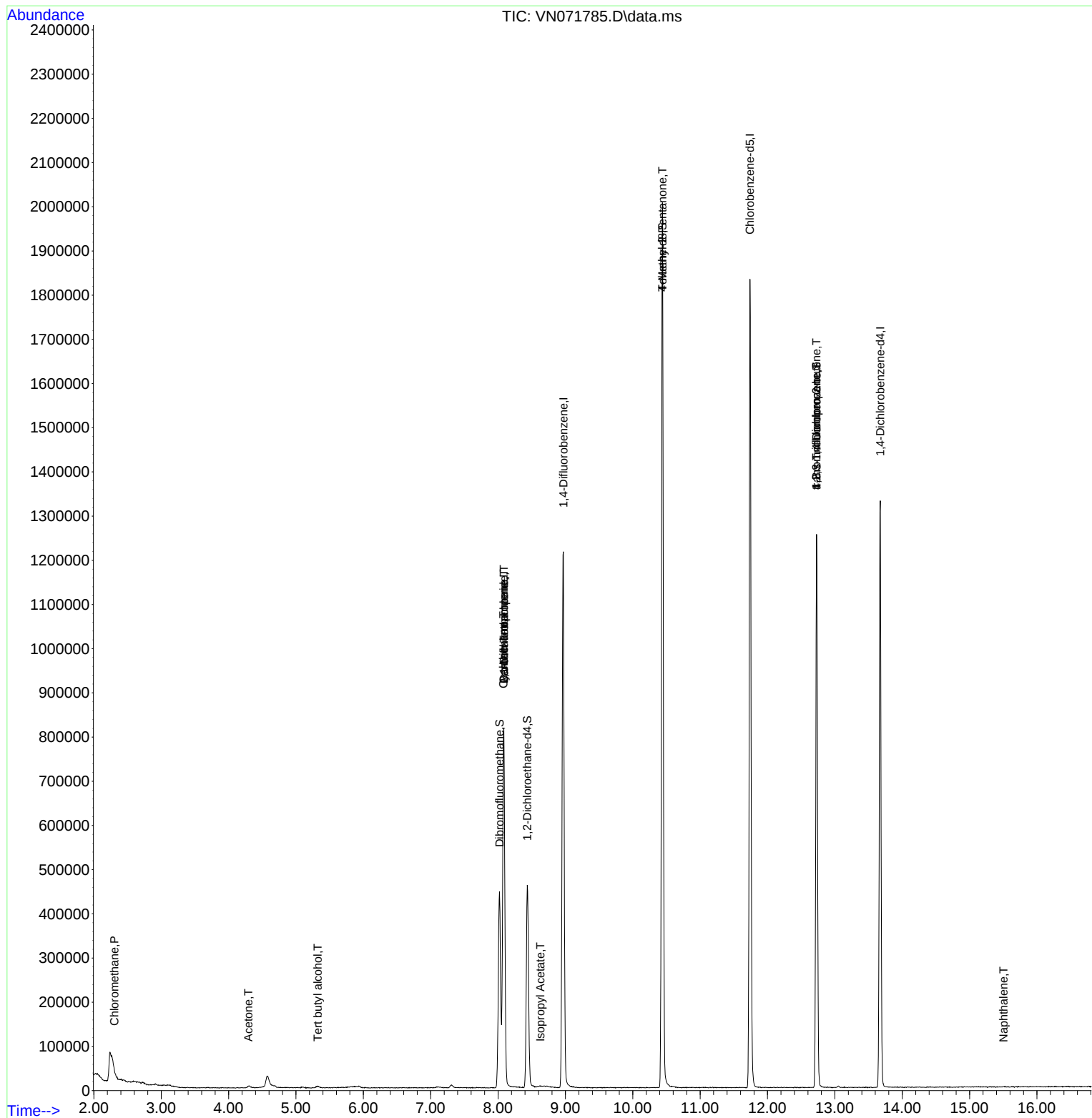
Internal Standards						
1) Pentafluorobenzene	8.086	168	678406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1154102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1148508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	402455	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	390147	50.375	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.760%			
35) Dibromofluoromethane	8.022	113	332439	48.951	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.900%			
50) Toluene-d8	10.439	98	1440754	51.860	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.720%			
62) 4-Bromofluorobenzene	12.727	95	457679	50.939	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.880%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.305	50	1567	0.229	ug/l #	76
11) Tert butyl alcohol	5.322	59	3673	2.922	ug/l #	72
16) Acetone	4.293	43	4796	1.449	ug/l	91
18) Methyl Acetate	4.851	43	1601	Below Cal	#	55
31) Cyclohexane	8.081	56	11981	1.138	ug/l #	17
36) 1,1-Dichloropropene	8.086	75	47131	4.970	ug/l #	49
38) Carbon Tetrachloride	8.086	117	59446	6.396	ug/l #	16
43) Isopropyl Acetate	8.628	43	3811	0.221	ug/l #	53
51) 4-Methyl-2-Pentanone	10.439	43	4750	0.479	ug/l #	1
76) 1,2,3-Trichloropropane	12.727	75	223595	23.983	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	223595	74.322	ug/l #	10
95) Naphthalene	15.504	128	351	3.821	ug/l #	69

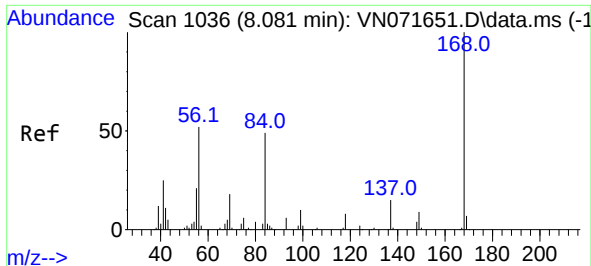
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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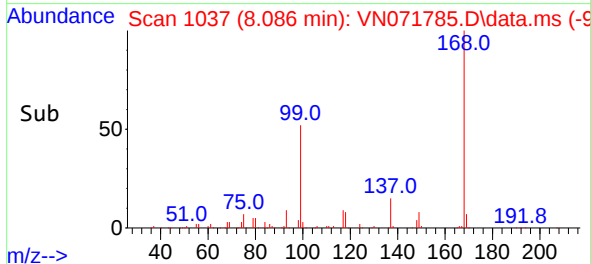
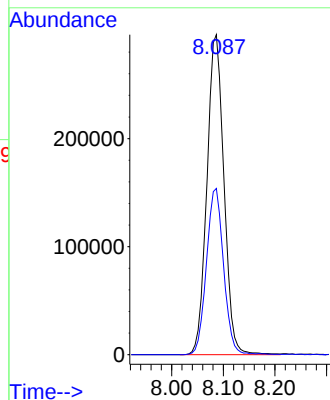
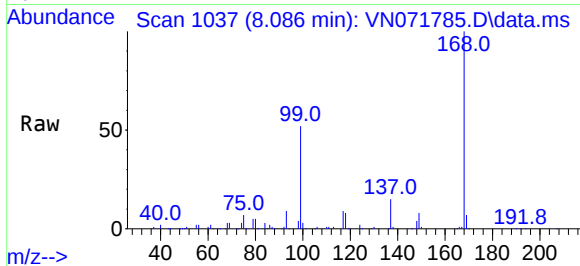




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN071785.D
Acq: 02 Apr 2022 04:59

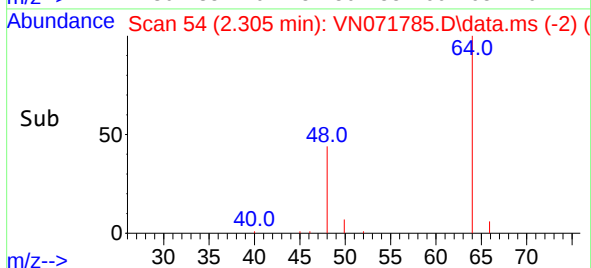
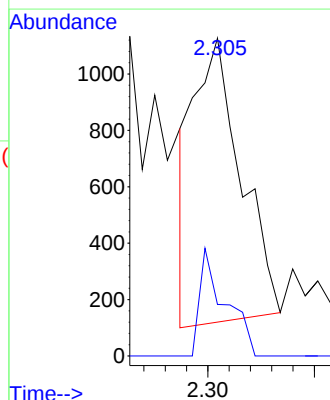
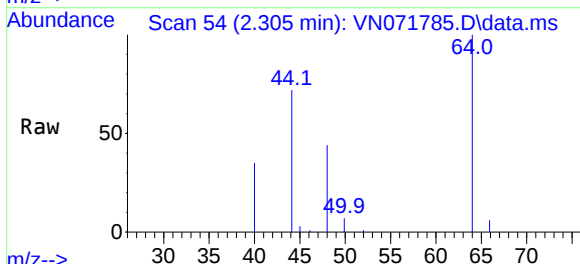
Instrument :
MSVOA_N
ClientSampleId :
FB033122

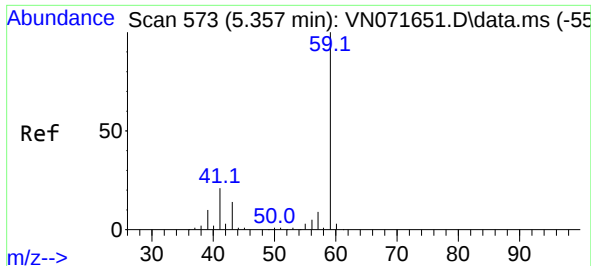
Tgt Ion:168 Resp: 678406
Ion Ratio Lower Upper
168 100
99 51.9 42.3 63.5



#3
Chloromethane
Concen: 0.229 ug/l
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071785.D
Acq: 02 Apr 2022 04:59

Tgt Ion: 50 Resp: 1567
Ion Ratio Lower Upper
50 100
52 18.8 25.7 38.5#





#11

Tert butyl alcohol

Concen: 2.922 ug/l

RT: 5.322 min Scan# 5

Delta R.T. -0.035 min

Lab File: VN071785.D

Acq: 02 Apr 2022 04:59

Instrument :

MSVOA_N

ClientSampleId :

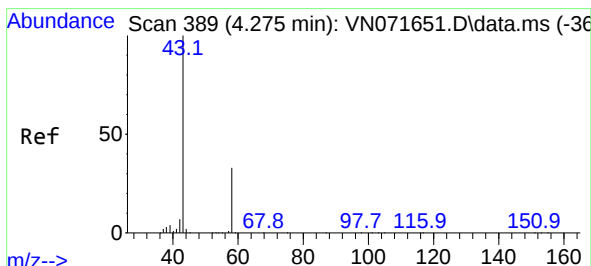
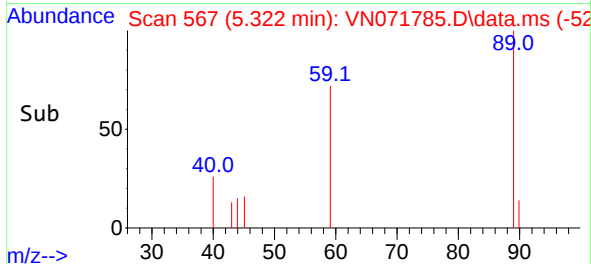
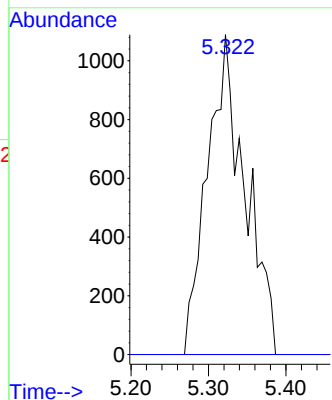
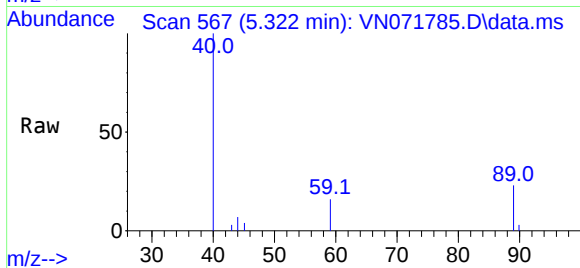
FB033122

Tgt Ion: 59 Resp: 3673

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 1.449 ug/l

RT: 4.293 min Scan# 392

Delta R.T. 0.018 min

Lab File: VN071785.D

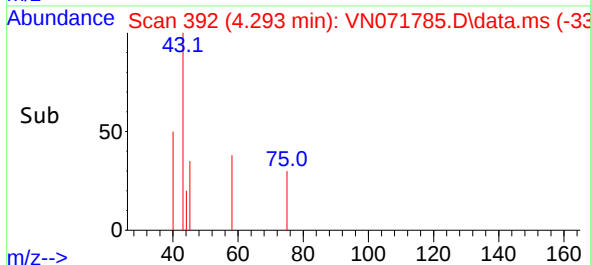
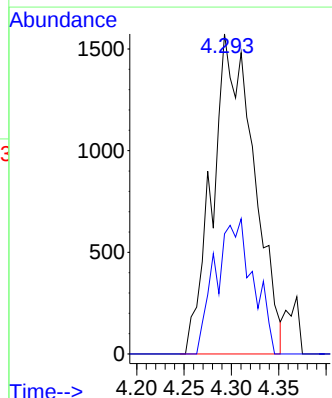
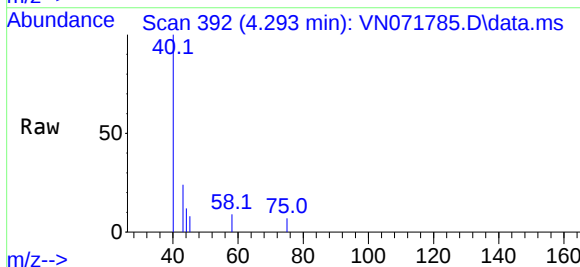
Acq: 02 Apr 2022 04:59

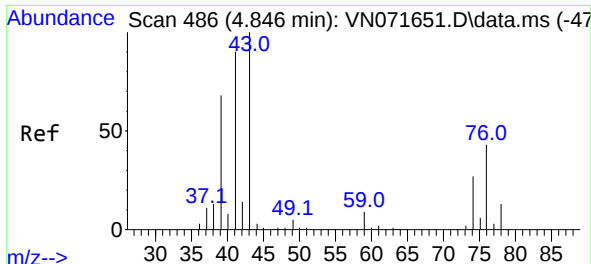
Tgt Ion: 43 Resp: 4796

Ion Ratio Lower Upper

43 100

58 37.5 26.0 39.0

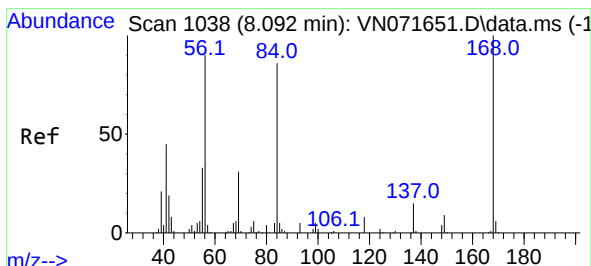
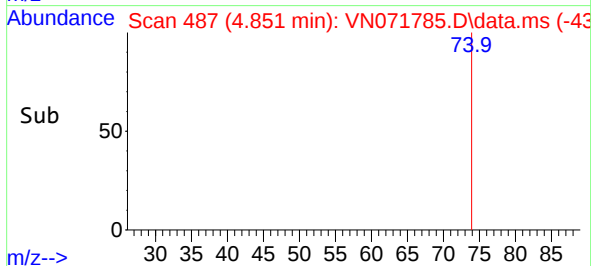
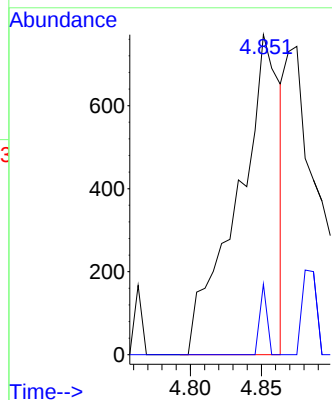
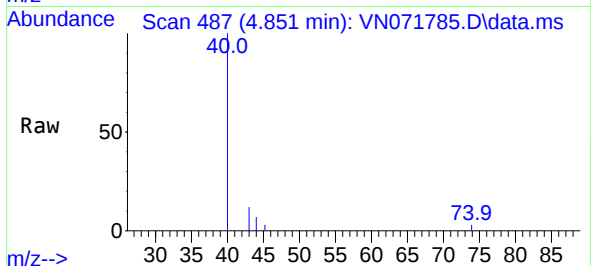




#18
Methyl Acetate
Concen: Below Cal
RT: 4.851 min Scan# 41
Delta R.T. 0.005 min
Lab File: VN071785.D
Acq: 02 Apr 2022 04:59

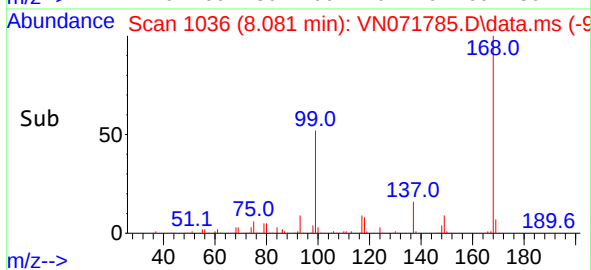
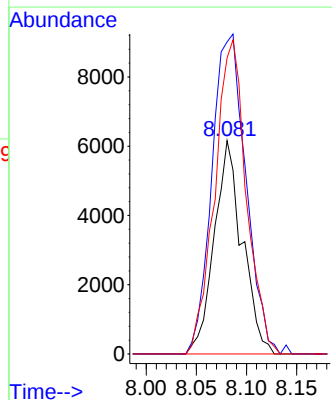
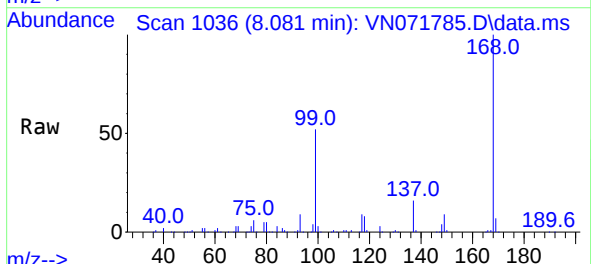
Instrument :
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ClientSampleId :
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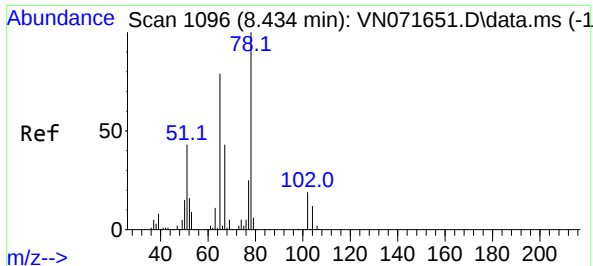
Tgt Ion: 43 Resp: 1601
Ion Ratio Lower Upper
43 100
74 3.7 21.6 32.4#



#31
Cyclohexane
Concen: 1.138 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN071785.D
Acq: 02 Apr 2022 04:59

Tgt Ion: 56 Resp: 11981
Ion Ratio Lower Upper
56 100
69 146.3 27.8 41.8#
84 138.8 76.9 115.3#

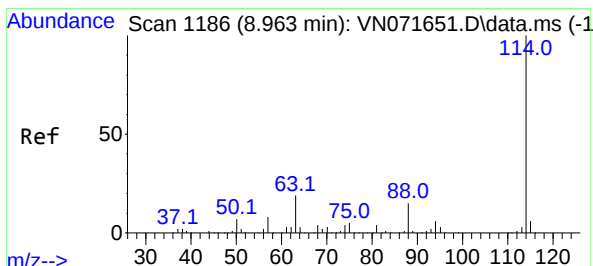
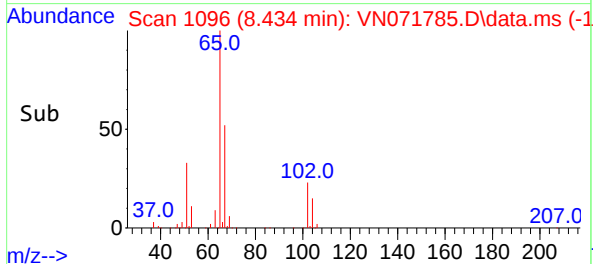
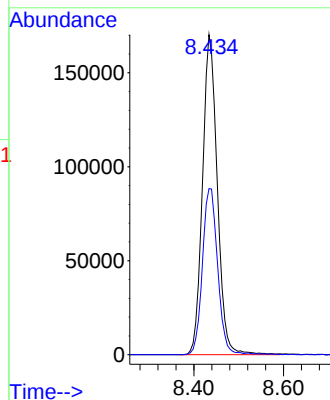
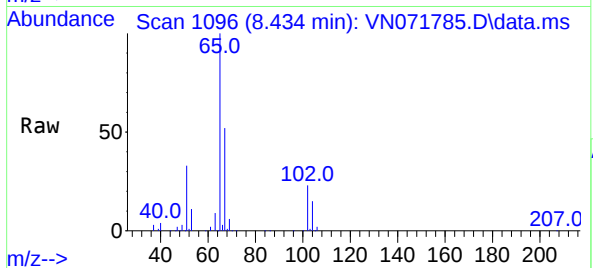




#33
1,2-Dichloroethane-d4
Concen: 50.375 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071785.D
Acq: 02 Apr 2022 04:59

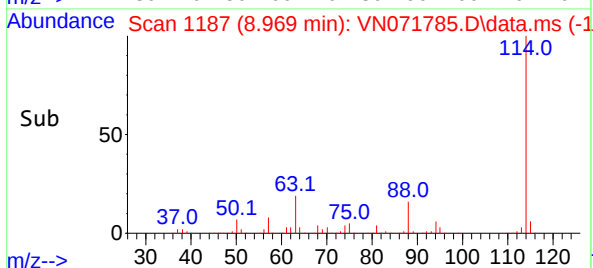
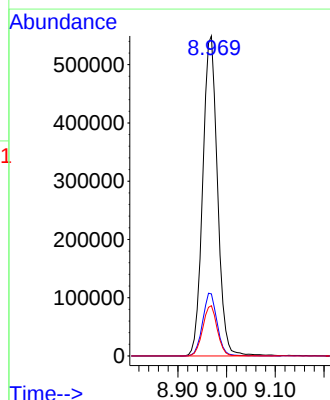
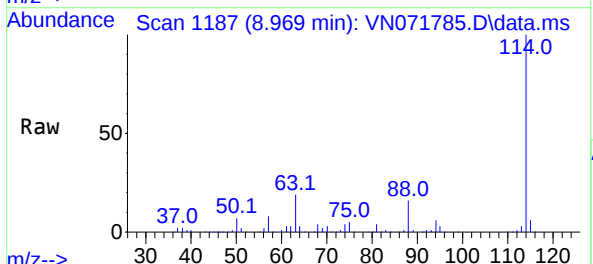
Instrument : MSVOA_N
ClientSampleId : FB033122

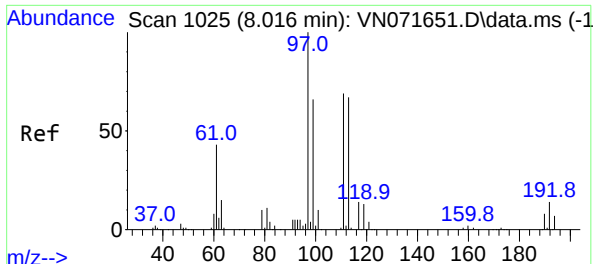
Tgt Ion: 65 Resp: 390147
Ion Ratio Lower Upper
65 100
67 53.4 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.969 min Scan# 1187
Delta R.T. 0.006 min
Lab File: VN071785.D
Acq: 02 Apr 2022 04:59

Tgt Ion: 114 Resp: 1154102
Ion Ratio Lower Upper
114 100
63 19.4 0.0 40.0
88 15.7 0.0 32.6

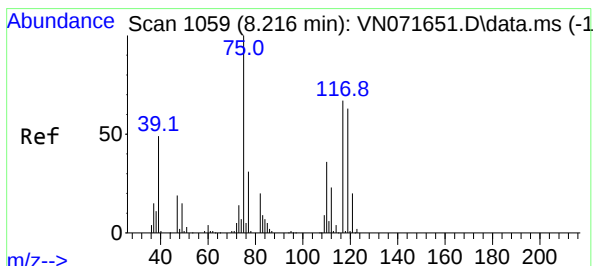
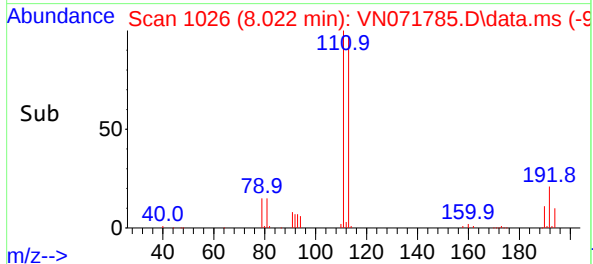
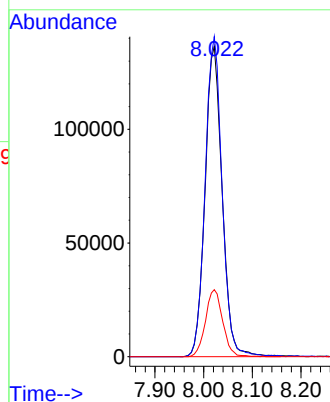
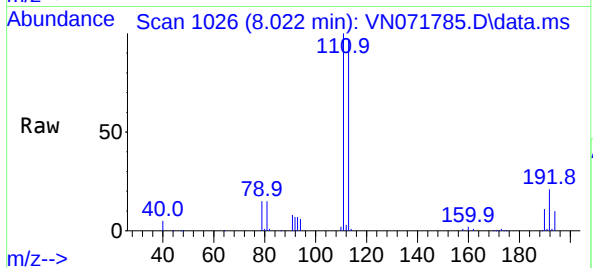




#35
Dibromofluoromethane
Concen: 48.951 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071785.D
Acq: 02 Apr 2022 04:59

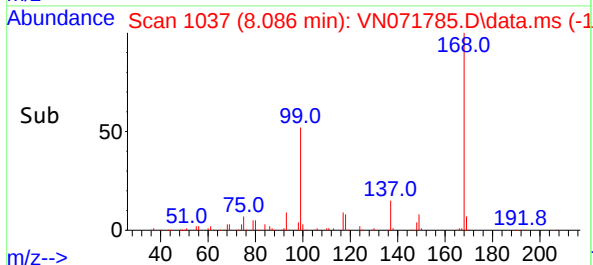
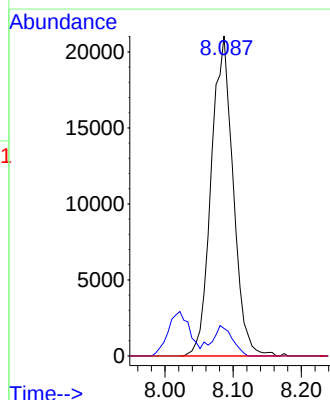
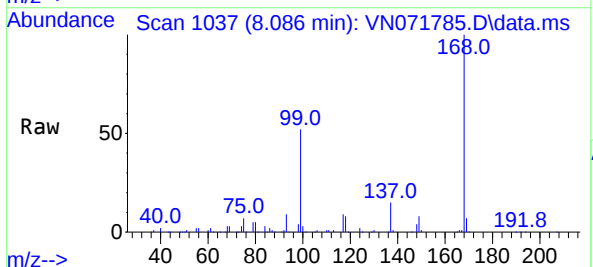
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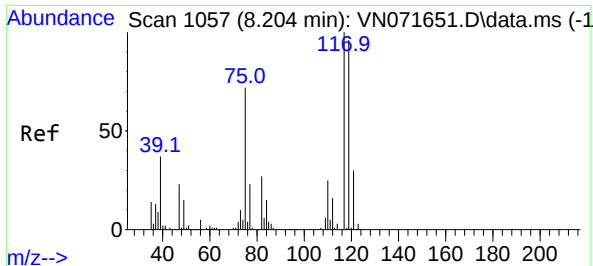
Tgt Ion:113 Resp: 332439
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 21.7 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.970 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.130 min
Lab File: VN071785.D
Acq: 02 Apr 2022 04:59

Tgt Ion: 75 Resp: 47131
Ion Ratio Lower Upper
75 100
110 8.9 18.3 54.8#
77 0.0 25.1 37.7#

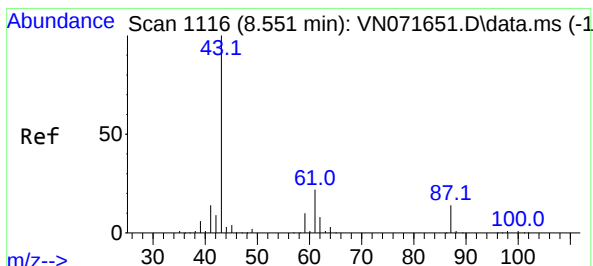
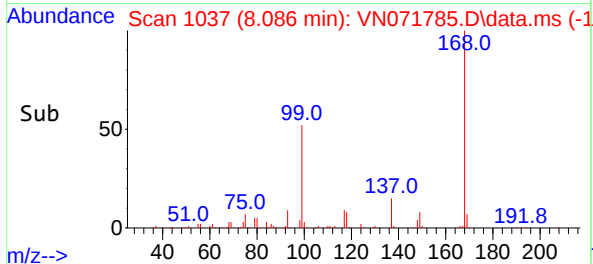
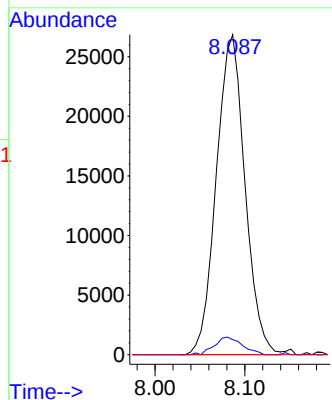
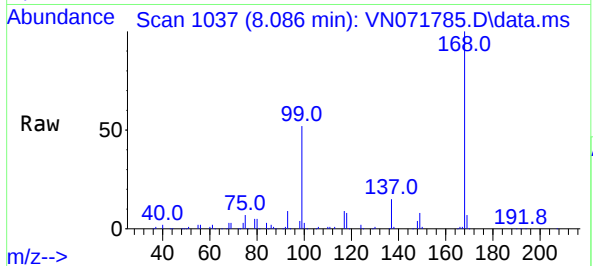




#38
Carbon Tetrachloride
Concen: 6.396 ug/l
RT: 8.086 min Scan# 1129
Delta R.T. -0.118 min
Lab File: VN071785.D
Acq: 02 Apr 2022 04:59

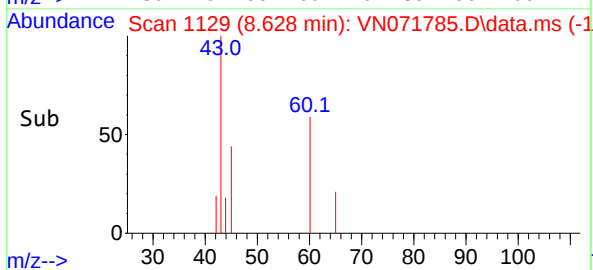
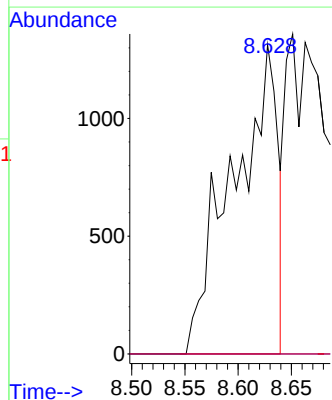
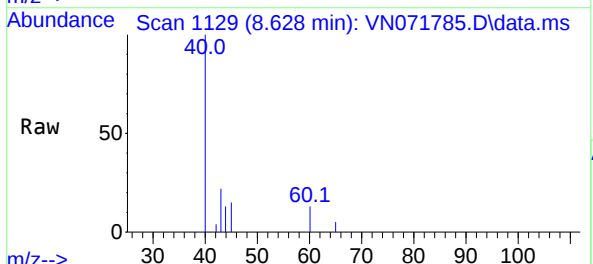
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ClientSampleId : FB033122

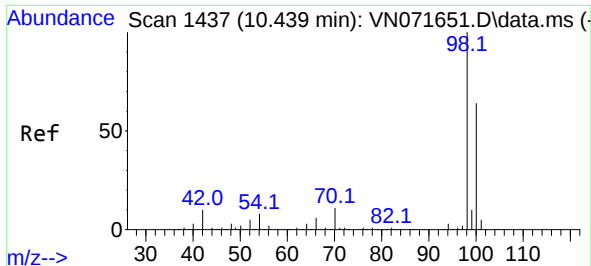
Tgt Ion: 117 Resp: 59446
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.221 ug/l
RT: 8.628 min Scan# 1129
Delta R.T. 0.077 min
Lab File: VN071785.D
Acq: 02 Apr 2022 04:59

Tgt Ion: 43 Resp: 3811
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

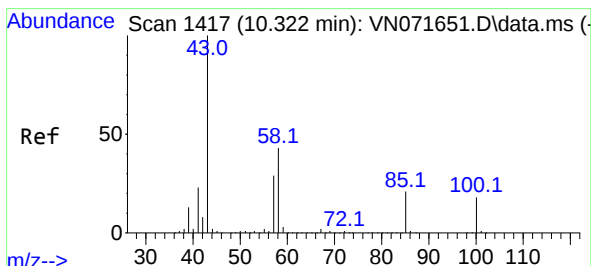
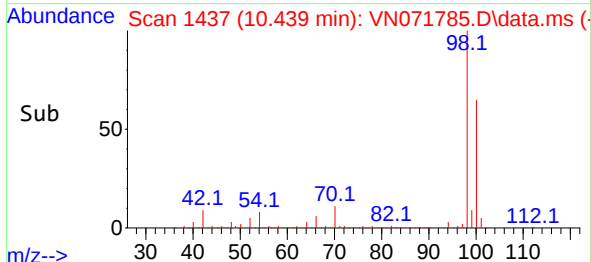
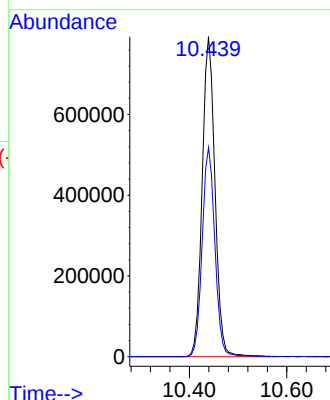
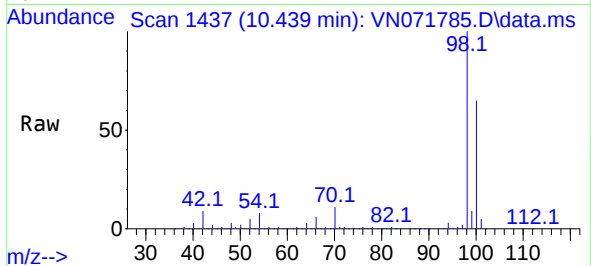




#50
Toluene-d8
Concen: 51.860 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071785.D
Acq: 02 Apr 2022 04:59

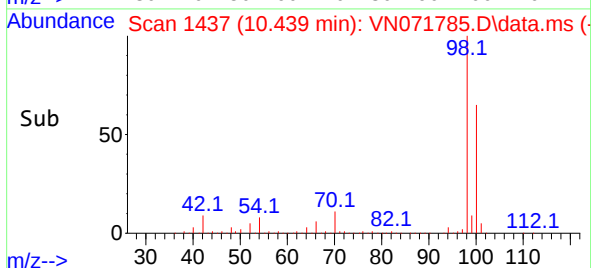
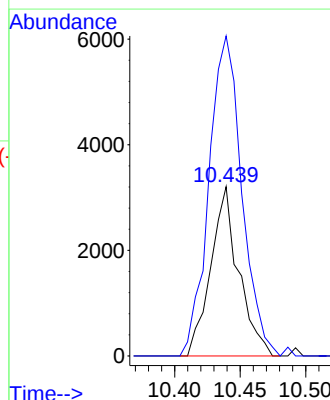
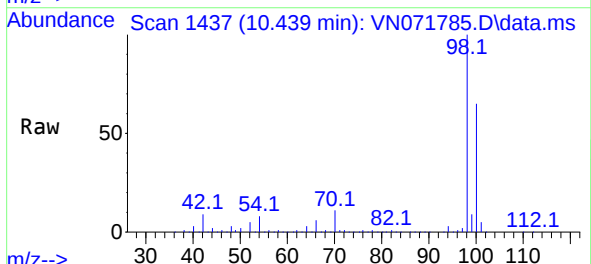
Instrument :
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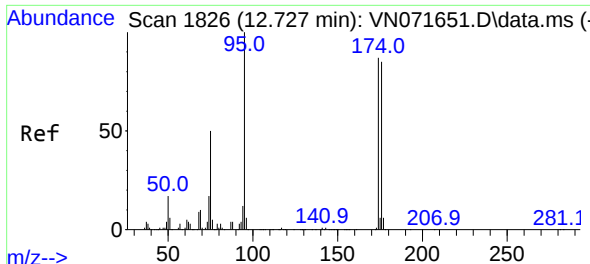
Tgt Ion: 98 Resp: 1440754
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.479 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.117 min
Lab File: VN071785.D
Acq: 02 Apr 2022 04:59

Tgt Ion: 43 Resp: 4750
Ion Ratio Lower Upper
43 100
58 224.3 34.1 51.1#

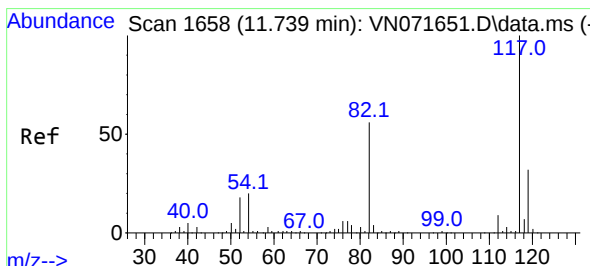
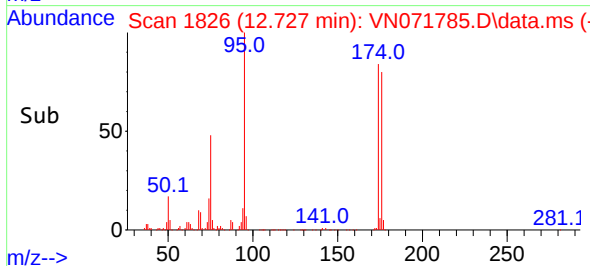
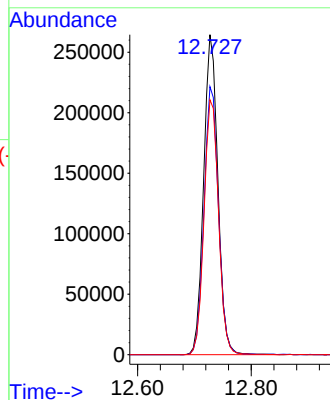
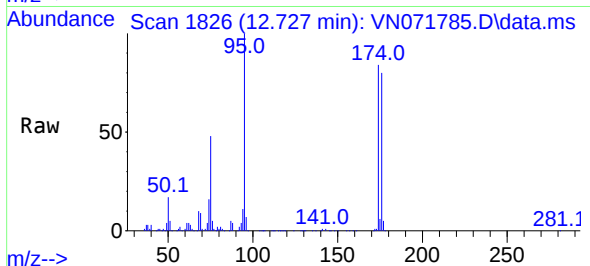




#62
4-Bromofluorobenzene
Concen: 50.939 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071785.D
Acq: 02 Apr 2022 04:59

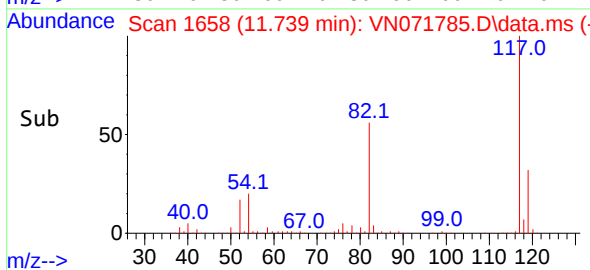
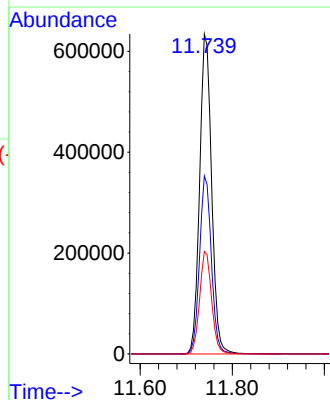
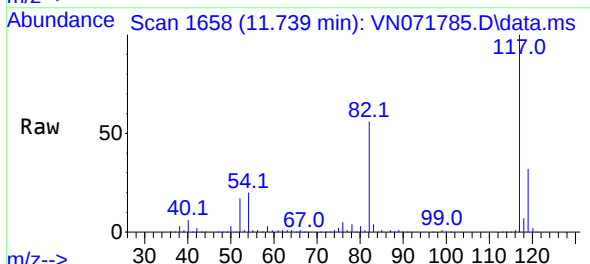
Instrument :
MSVOA_N
ClientSampleId :
FB033122

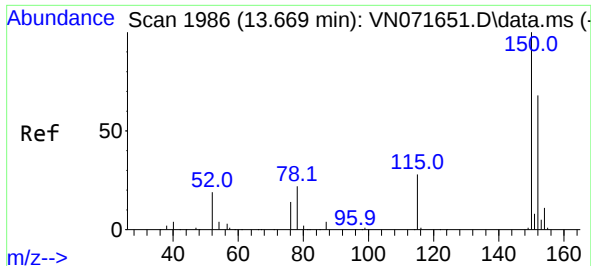
Tgt Ion: 95 Resp: 457679
Ion Ratio Lower Upper
95 100
174 85.3 0.0 167.6
176 81.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071785.D
Acq: 02 Apr 2022 04:59

Tgt Ion: 117 Resp: 1148508
Ion Ratio Lower Upper
117 100
82 55.7 44.2 66.2
119 32.1 25.4 38.0

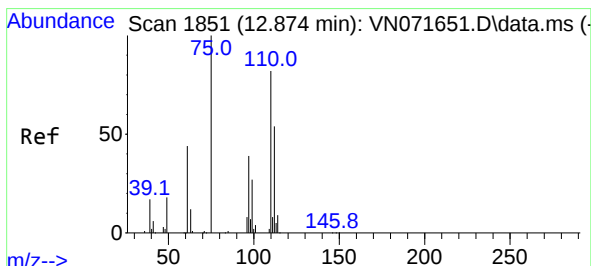
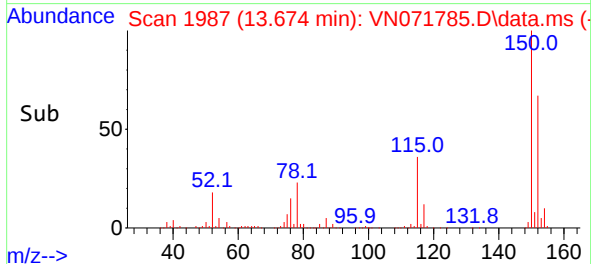
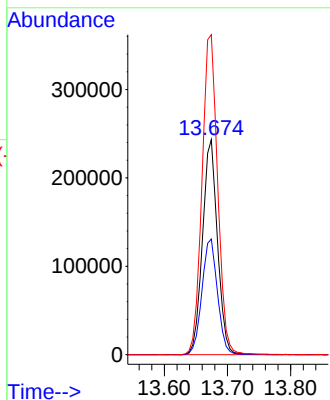
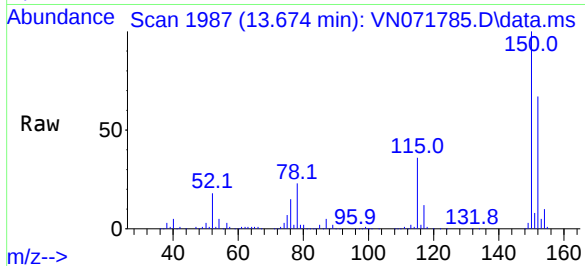




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.674 min Scan# 1987
 Delta R.T. 0.005 min
 Lab File: VN071785.D
 Acq: 02 Apr 2022 04:59

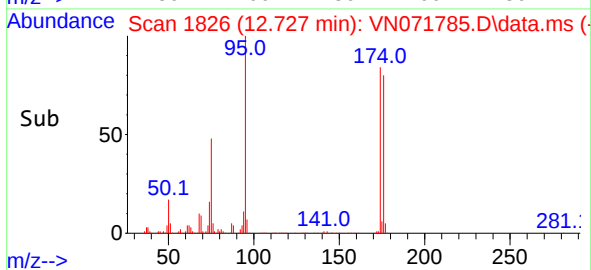
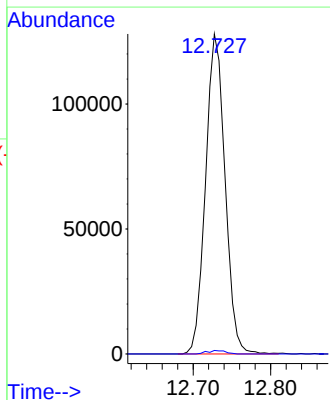
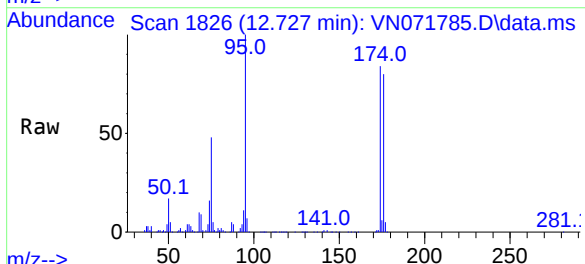
Instrument :
 MSVOA_N
 ClientSampleId :
 FB033122

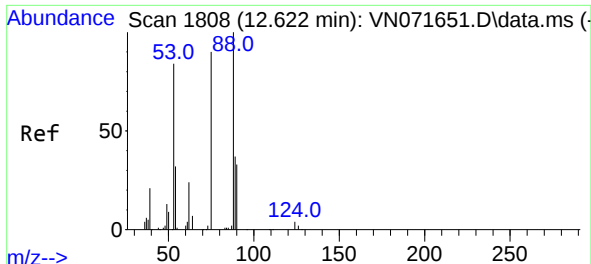
Tgt Ion:152 Resp: 402455
 Ion Ratio Lower Upper
 152 100
 115 55.8 28.9 86.7
 150 154.9 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 23.983 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.147 min
 Lab File: VN071785.D
 Acq: 02 Apr 2022 04:59

Tgt Ion: 75 Resp: 223595
 Ion Ratio Lower Upper
 75 100
 77 1.0 98.5 295.5#

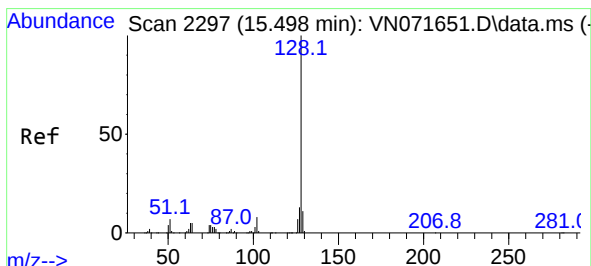
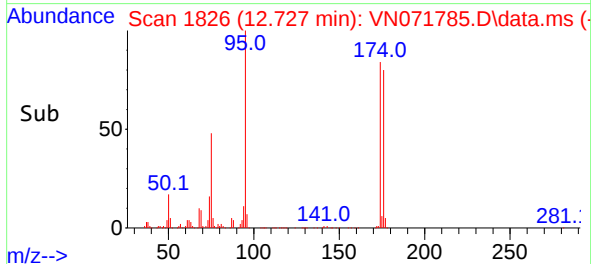
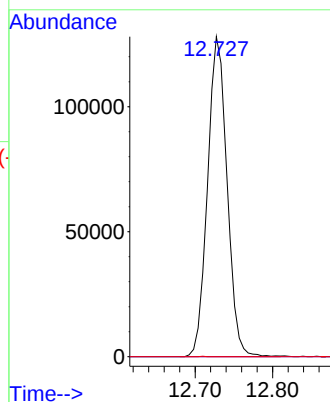
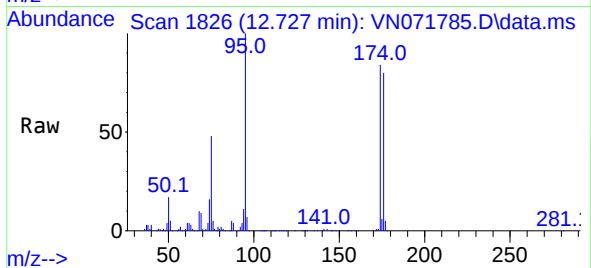




#81
trans-1,4-Dichloro-2-butene
Concen: 74.322 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071785.D
Acq: 02 Apr 2022 04:59

Instrument :
MSVOA_N
ClientSampleId :
FB033122

Tgt Ion: 75 Resp: 223595
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 3.821 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071785.D
Acq: 02 Apr 2022 04:59

Tgt Ion:128 Resp: 351
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

