

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
 Data File : VN071784.D
 Acq On : 02 Apr 2022 04:34
 Operator : JC\MD
 Sample : N2222-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: Apr 02 05:34:54 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

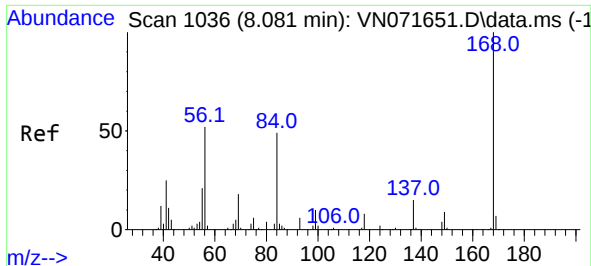
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.087	168	614082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1045489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1044413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	348241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	354968	50.634	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.260%			
35) Dibromofluoromethane	8.022	113	300368	48.824	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.640%			
50) Toluene-d8	10.439	98	1313717	52.200	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.400%			
62) 4-Bromofluorobenzene	12.727	95	408830	50.229	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.460%			
Target Compounds					Qvalue	
3) Chloromethane	2.305	50	2024	0.327	ug/l #	86
5) Bromomethane	2.881	94	1311	0.297	ug/l #	77
14) Allyl chloride	4.581	41	2377	0.289	ug/l #	32
16) Acetone	4.304	43	5444	1.817	ug/l #	78
18) Methyl Acetate	4.857	43	1131	Below Cal	#	87
20) Methylene Chloride	5.098	84	1621	0.257	ug/l	90
31) Cyclohexane	8.081	56	11056	1.160	ug/l #	1
36) 1,1-Dichloropropene	8.087	75	42659	4.965	ug/l #	48
38) Carbon Tetrachloride	8.087	117	55348	6.574	ug/l #	17
43) Isopropyl Acetate	8.628	43	3327	0.213	ug/l #	53
51) 4-Methyl-2-Pentanone	10.439	43	4043	0.450	ug/l #	1
76) 1,2,3-Trichloropropane	12.727	75	198902	24.655	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	198902	76.406	ug/l #	10
95) Naphthalene	15.498	128	821	3.851	ug/l #	69

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

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Response via : Initial Calibration

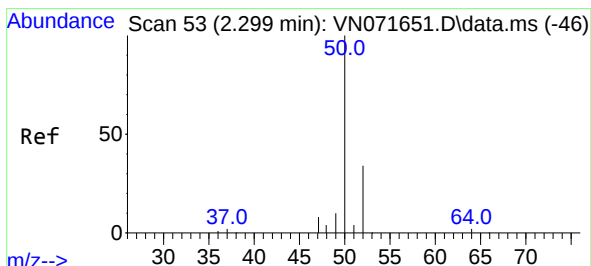
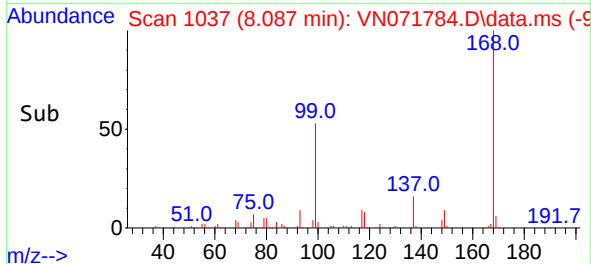
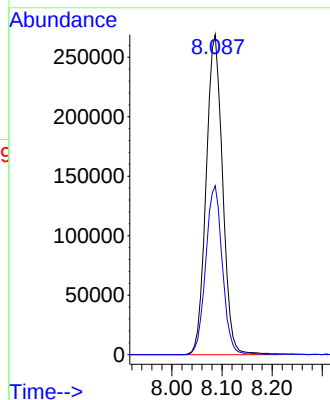
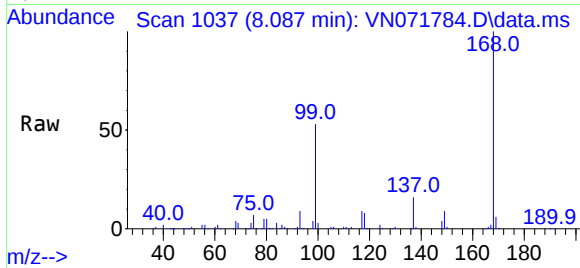




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071784.D
Acq: 02 Apr 2022 04:34

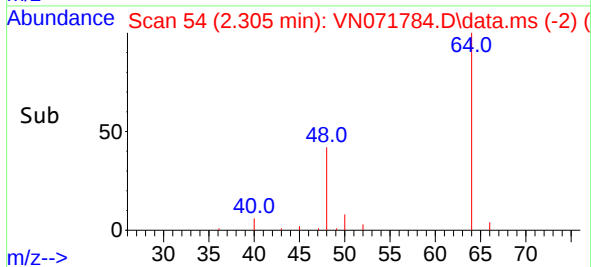
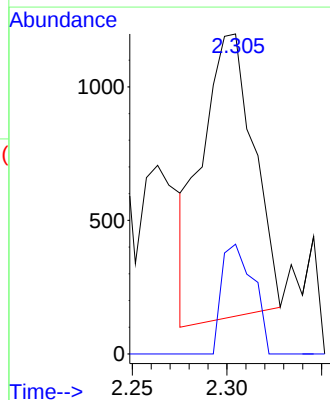
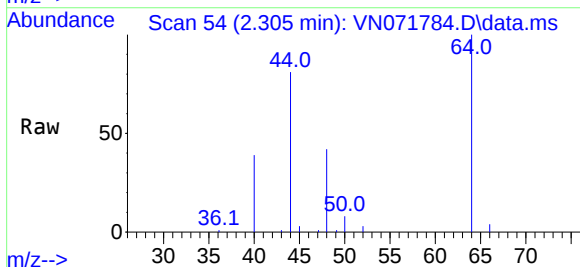
Instrument :
MSVOA_N
ClientSampleId :
TB

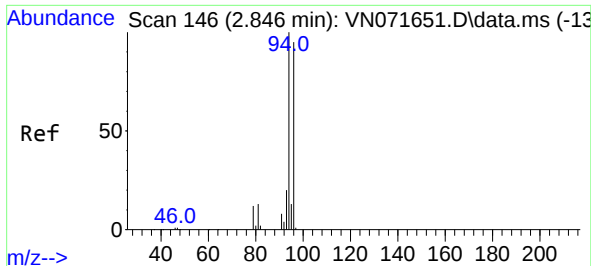
Tgt Ion:168 Resp: 614082
Ion Ratio Lower Upper
168 100
99 52.8 42.3 63.5



#3
Chloromethane
Concen: 0.327 ug/l
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071784.D
Acq: 02 Apr 2022 04:34

Tgt Ion: 50 Resp: 2024
Ion Ratio Lower Upper
50 100
52 40.2 25.7 38.5#

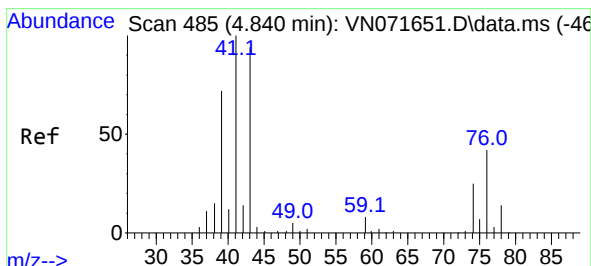
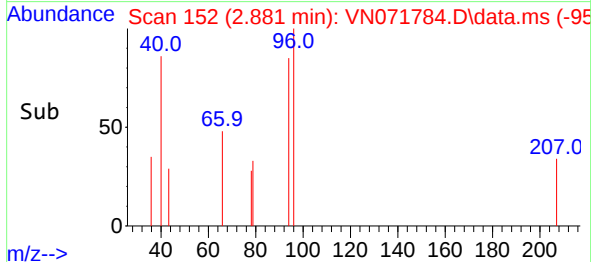
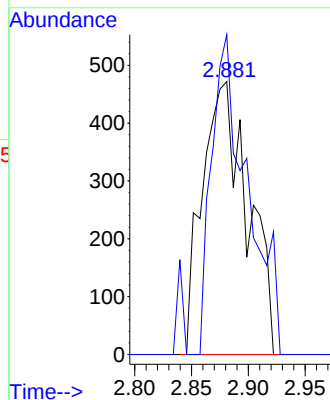
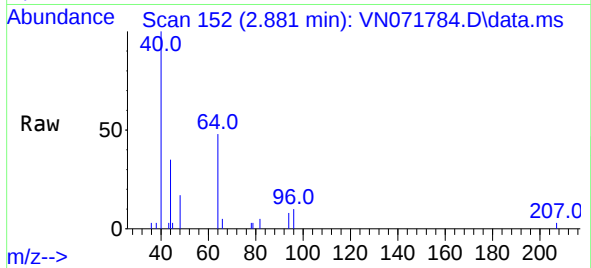




#5
Bromomethane
Concen: 0.297 ug/l
RT: 2.881 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN071784.D
Acq: 02 Apr 2022 04:34

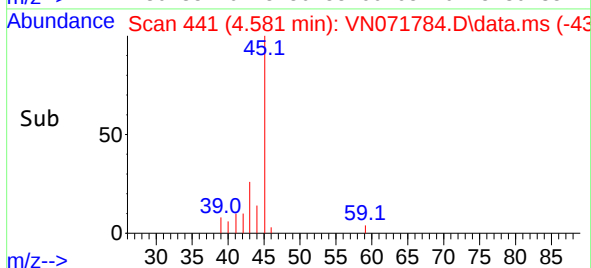
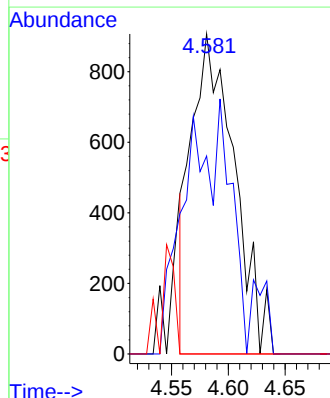
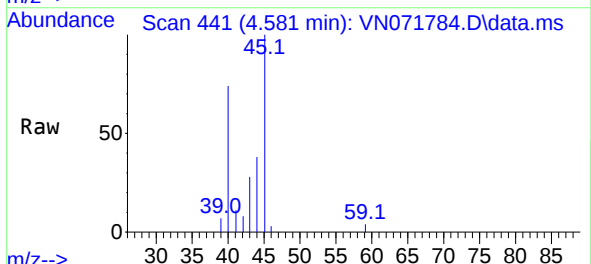
Instrument :
MSVOA_N
ClientSampleId :
TB

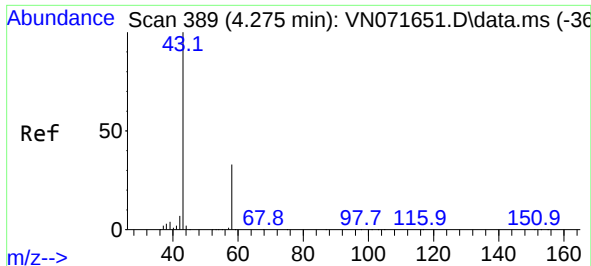
Tgt Ion: 94 Resp: 1311
Ion Ratio Lower Upper
94 100
96 117.2 76.0 114.0#



#14
Allyl chloride
Concen: 0.289 ug/l
RT: 4.581 min Scan# 441
Delta R.T. -0.259 min
Lab File: VN071784.D
Acq: 02 Apr 2022 04:34

Tgt Ion: 41 Resp: 2377
Ion Ratio Lower Upper
41 100
39 9.2 53.2 79.8#
76 0.0 29.9 44.9#

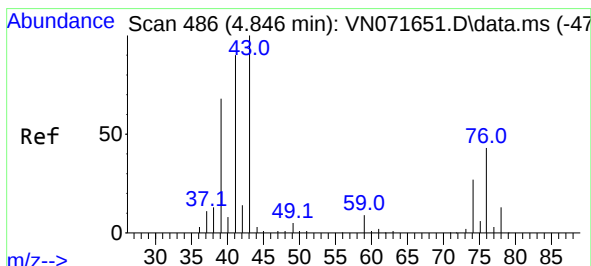
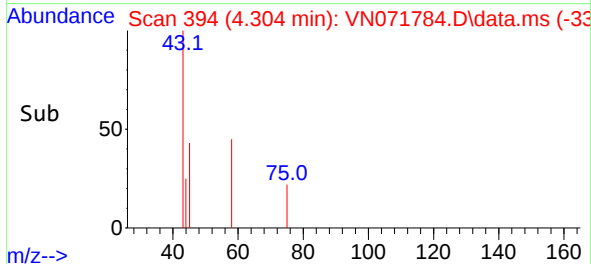
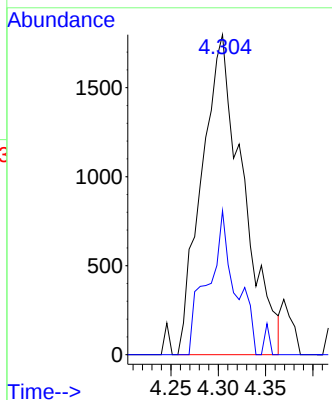
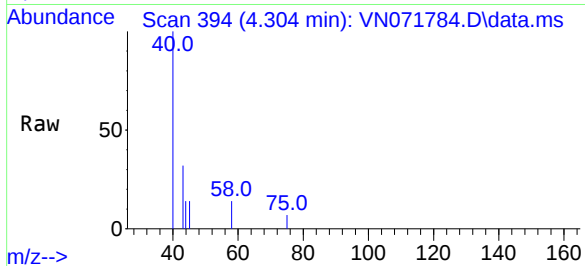




#16
Acetone
Concen: 1.817 ug/l
RT: 4.304 min Scan# 394
Delta R.T. 0.029 min
Lab File: VN071784.D
Acq: 02 Apr 2022 04:34

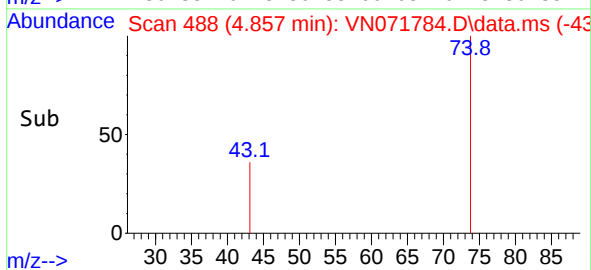
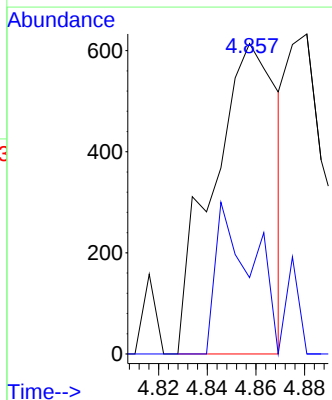
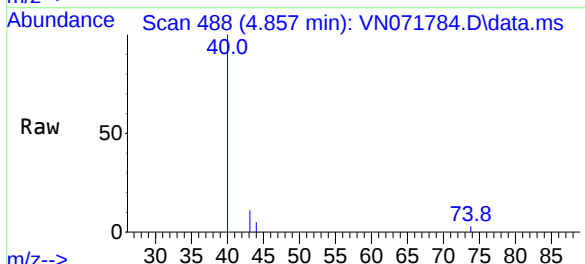
Instrument :
MSVOA_N
ClientSampleId :
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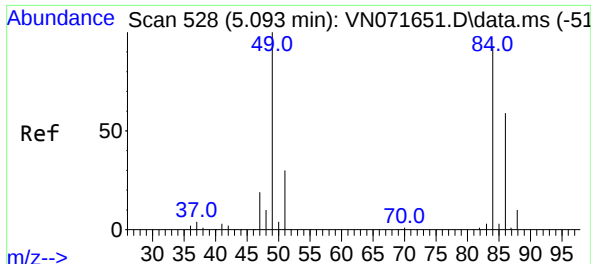
Tgt Ion: 43 Resp: 5444
Ion Ratio Lower Upper
43 100
58 45.0 26.0 39.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.857 min Scan# 488
Delta R.T. 0.011 min
Lab File: VN071784.D
Acq: 02 Apr 2022 04:34

Tgt Ion: 43 Resp: 1131
Ion Ratio Lower Upper
43 100
74 33.7 21.6 32.4#



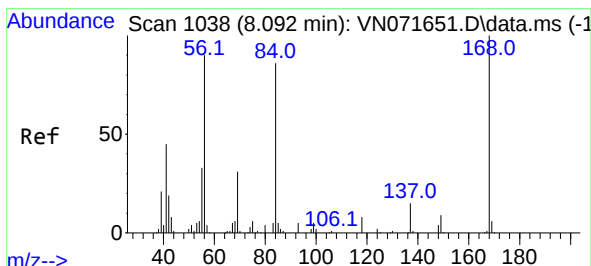
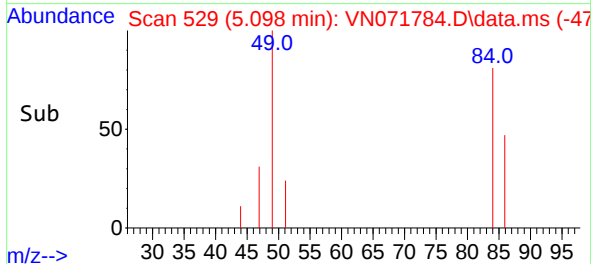
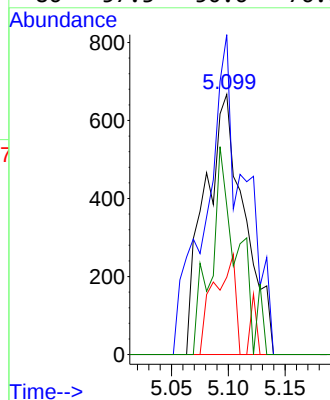
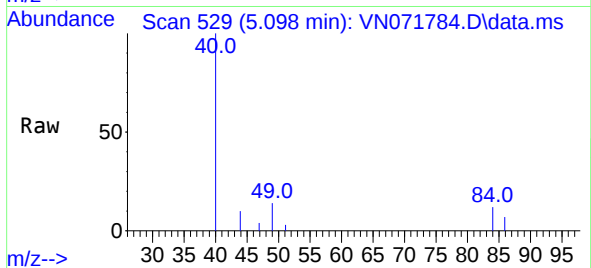


#20
Methylene Chloride
Concen: 0.257 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN071784.D
Acq: 02 Apr 2022 04:34

Instrument :
MSVOA_N
ClientSampleId :
TB

Tgt Ion: 84 Resp: 1621

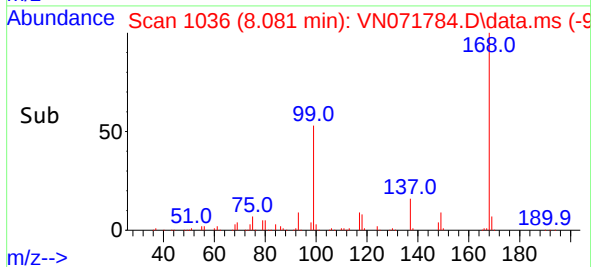
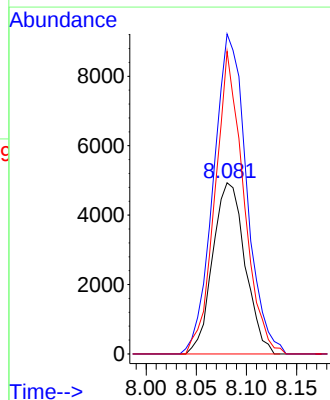
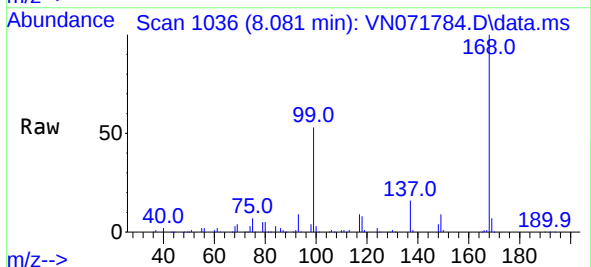
Ion	Ratio	Lower	Upper
84	100		
49	122.9	88.3	132.5
51	29.7	28.2	42.2
86	57.3	50.6	76.0

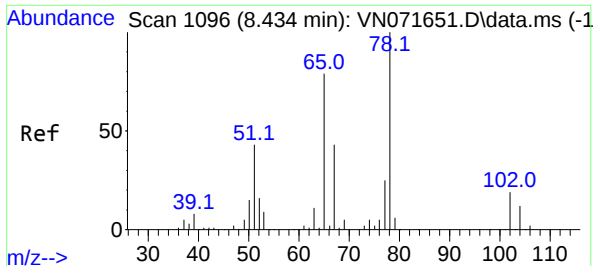


#31
Cyclohexane
Concen: 1.160 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN071784.D
Acq: 02 Apr 2022 04:34

Tgt Ion: 56 Resp: 11056

Ion	Ratio	Lower	Upper
56	100		
69	186.9	27.8	41.8#
84	176.7	76.9	115.3#

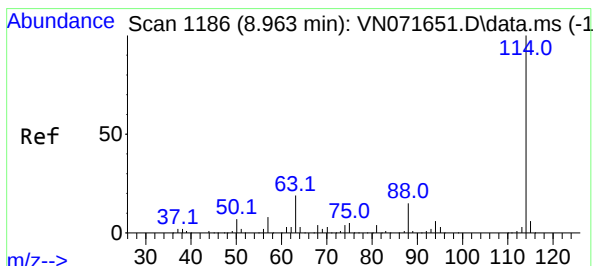
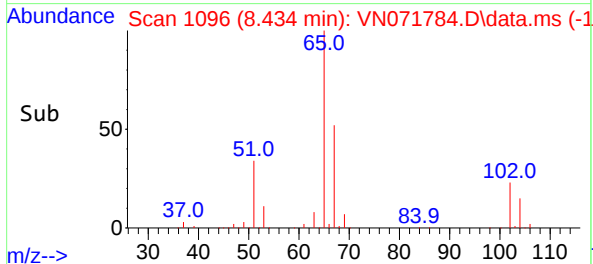
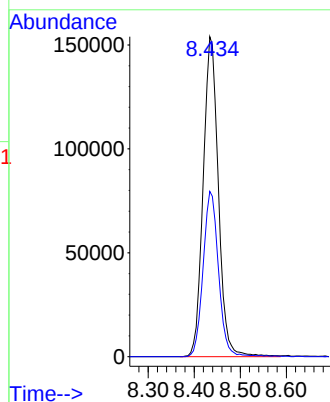
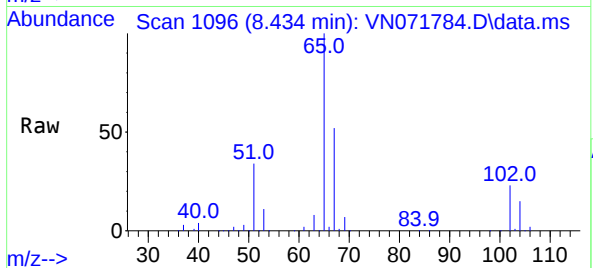




#33
1,2-Dichloroethane-d4
Concen: 50.634 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071784.D
Acq: 02 Apr 2022 04:34

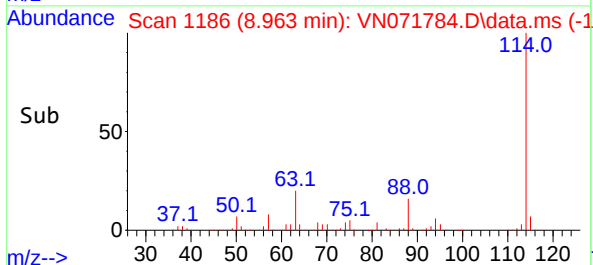
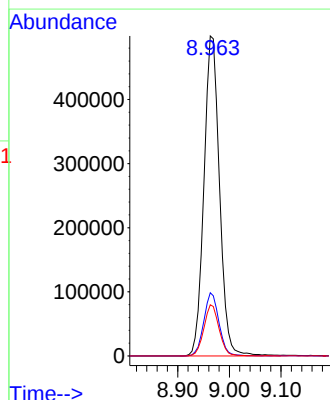
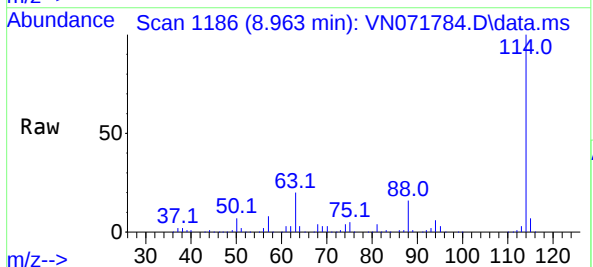
Instrument :
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ClientSampleId :
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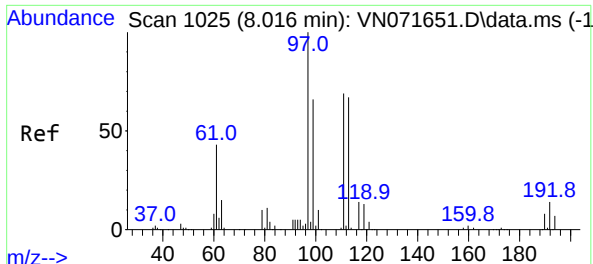
Tgt Ion: 65 Resp: 354968
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071784.D
Acq: 02 Apr 2022 04:34

Tgt Ion: 114 Resp: 1045489
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.0
88 16.0 0.0 32.6

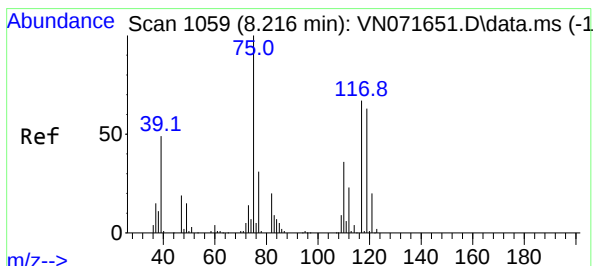
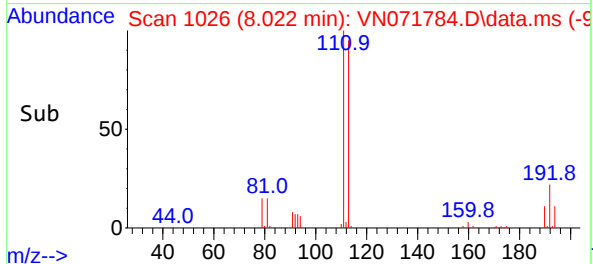
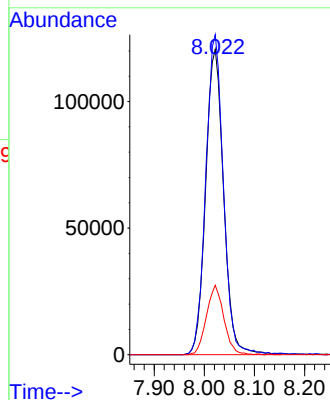
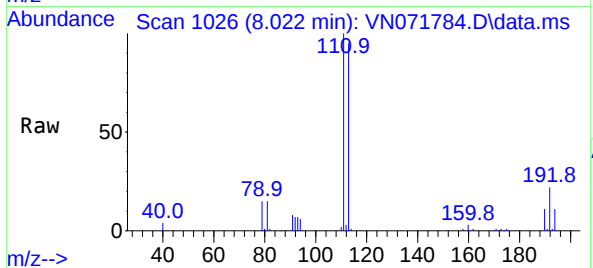




#35
Dibromofluoromethane
Concen: 48.824 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071784.D
Acq: 02 Apr 2022 04:34

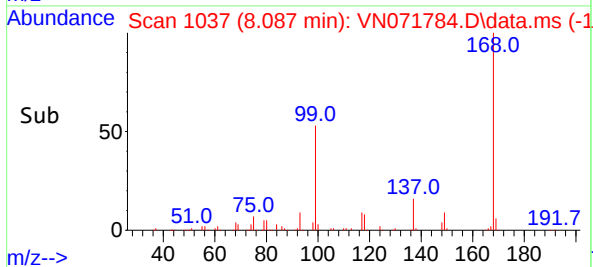
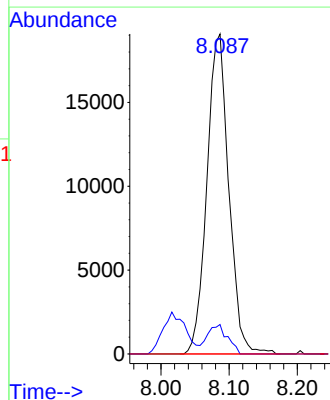
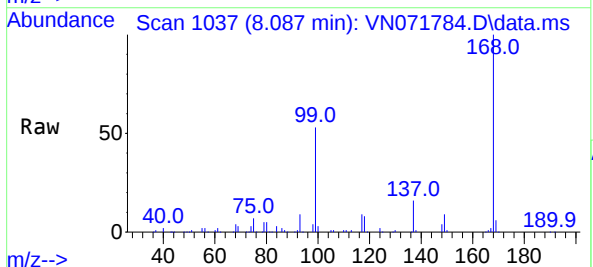
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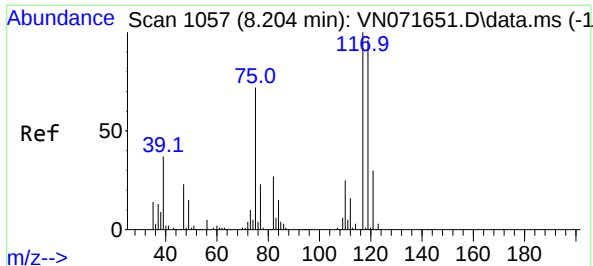
Tgt Ion:113 Resp: 300368
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.0
192 21.9 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.965 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.129 min
Lab File: VN071784.D
Acq: 02 Apr 2022 04:34

Tgt Ion: 75 Resp: 42659
Ion Ratio Lower Upper
75 100
110 8.3 18.3 54.8#
77 0.0 25.1 37.7#

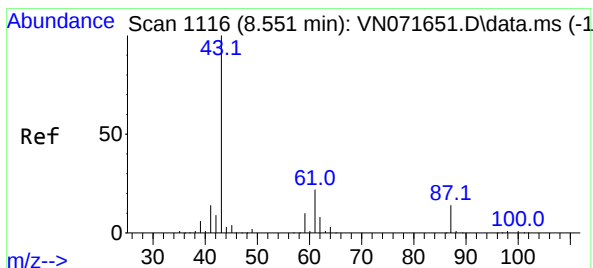
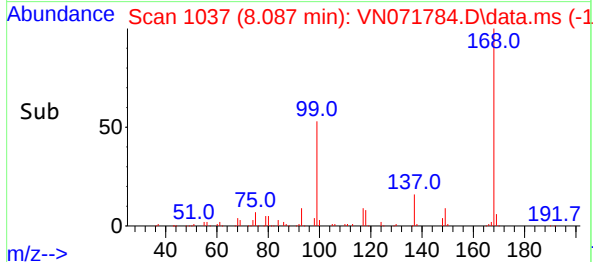
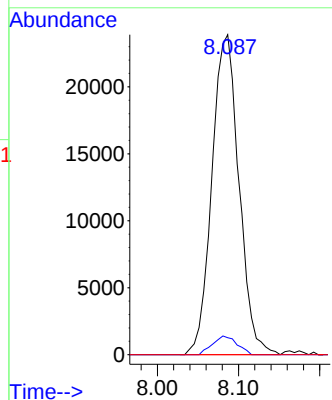
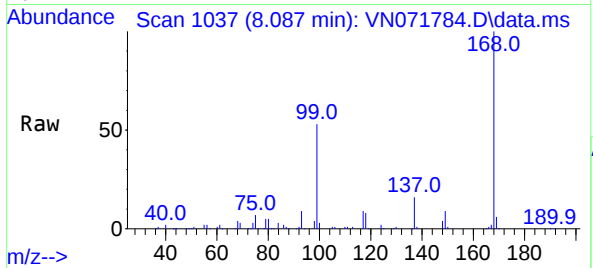




#38
Carbon Tetrachloride
Concen: 6.574 ug/l
RT: 8.087 min Scan# 1129
Delta R.T. -0.117 min
Lab File: VN071784.D
Acq: 02 Apr 2022 04:34

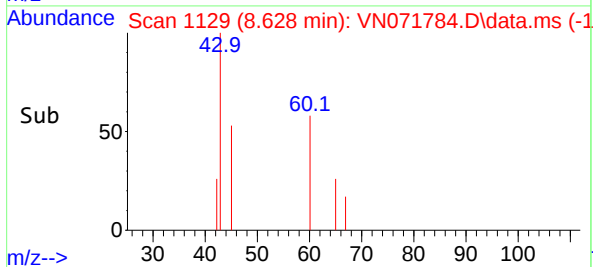
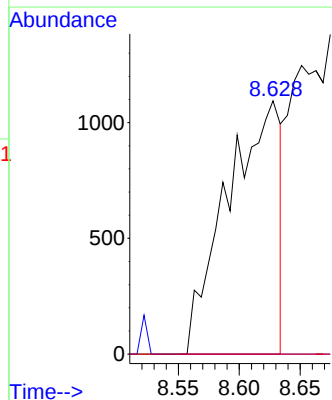
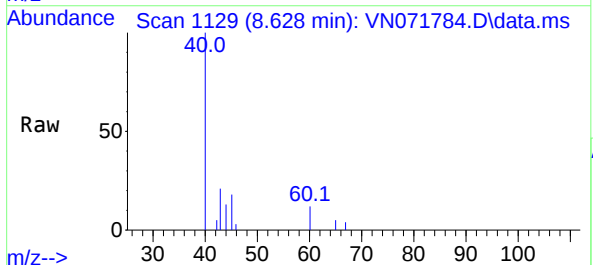
Instrument :
MSVOA_N
ClientSampleId :
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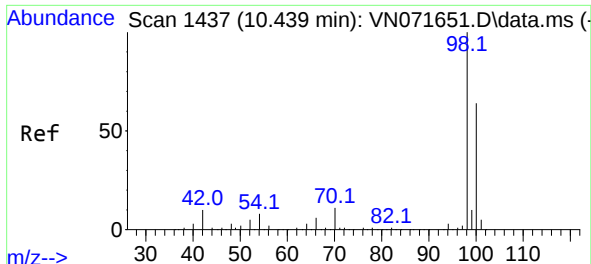
Tgt Ion:117 Resp: 55348
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.213 ug/l
RT: 8.628 min Scan# 1129
Delta R.T. 0.077 min
Lab File: VN071784.D
Acq: 02 Apr 2022 04:34

Tgt Ion: 43 Resp: 3327
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

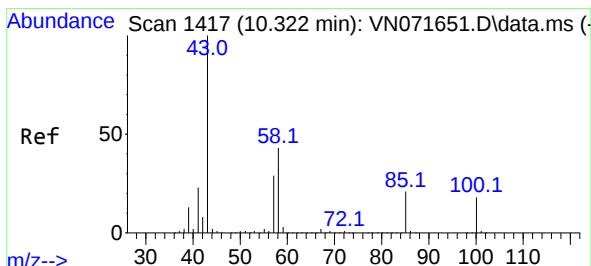
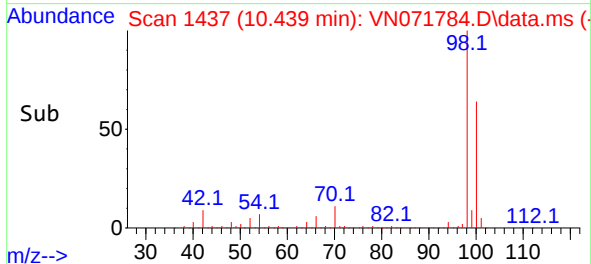
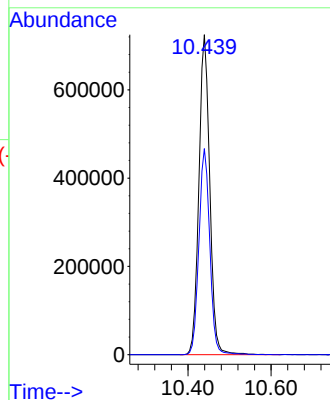
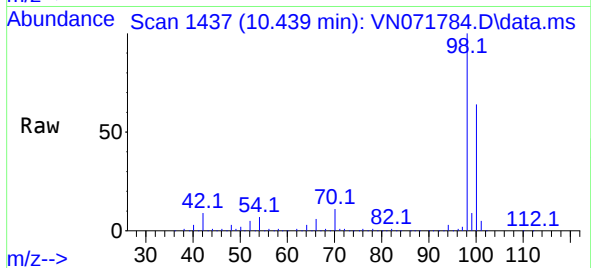




#50
Toluene-d8
Concen: 52.200 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071784.D
Acq: 02 Apr 2022 04:34

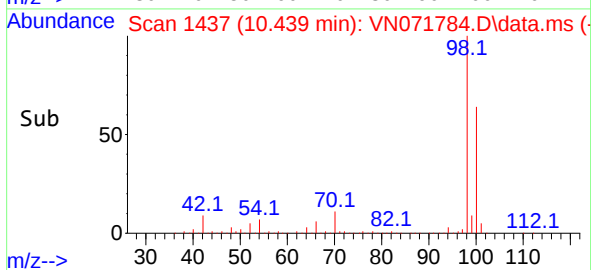
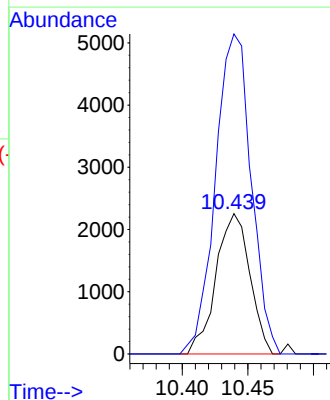
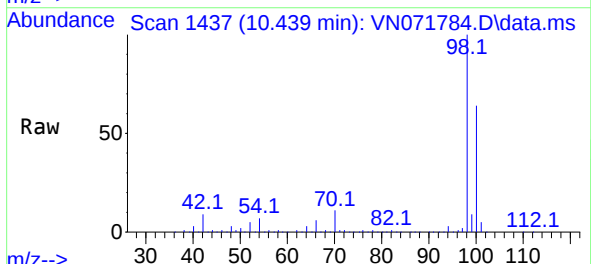
Instrument :
MSVOA_N
ClientSampleId :
TB

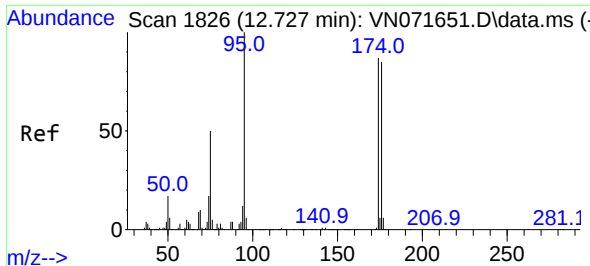
Tgt Ion: 98 Resp: 1313717
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.450 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.117 min
Lab File: VN071784.D
Acq: 02 Apr 2022 04:34

Tgt Ion: 43 Resp: 4043
Ion Ratio Lower Upper
43 100
58 241.3 34.1 51.1#

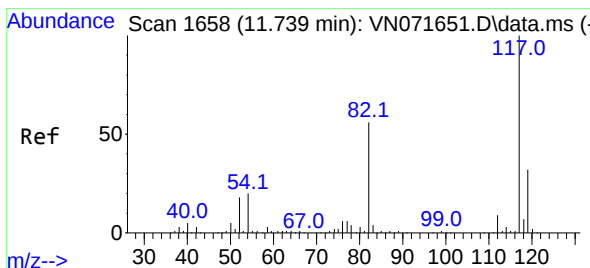
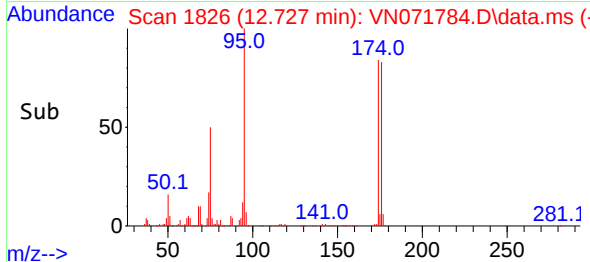
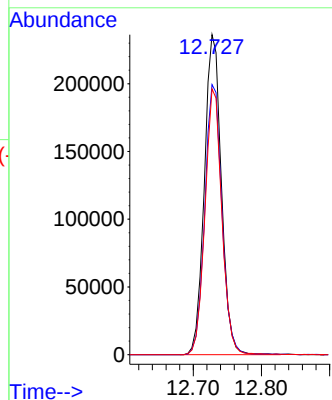
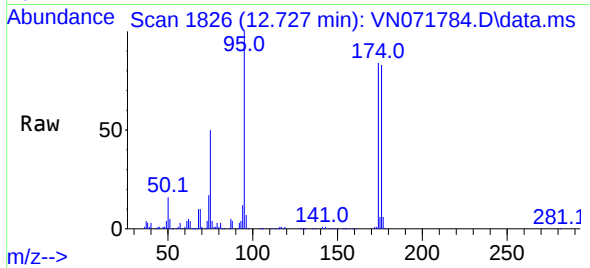




#62
4-Bromofluorobenzene
Concen: 50.229 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071784.D
Acq: 02 Apr 2022 04:34

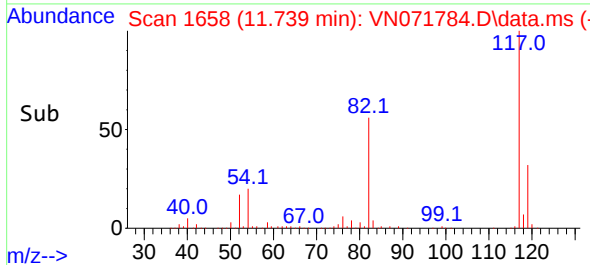
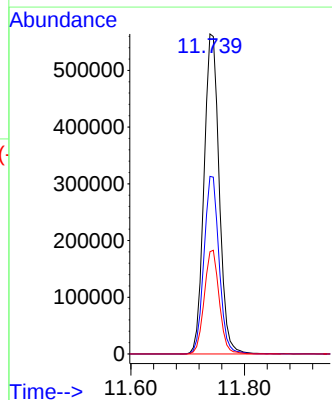
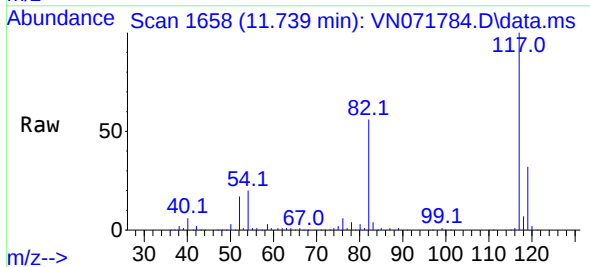
Instrument :
MSVOA_N
ClientSampleId :
TB

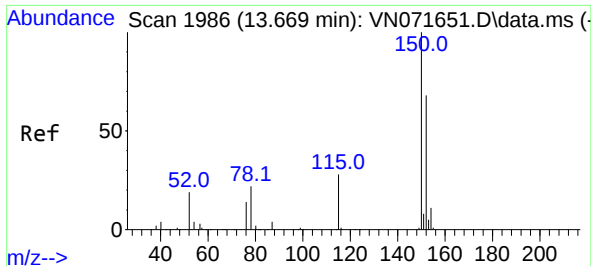
Tgt Ion: 95 Resp: 408830
Ion Ratio Lower Upper
95 100
174 85.4 0.0 167.6
176 82.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071784.D
Acq: 02 Apr 2022 04:34

Tgt Ion: 117 Resp: 1044413
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.2
119 32.0 25.4 38.0

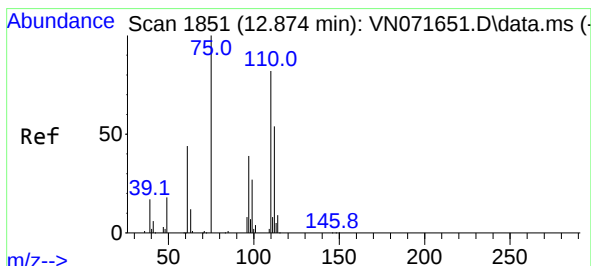
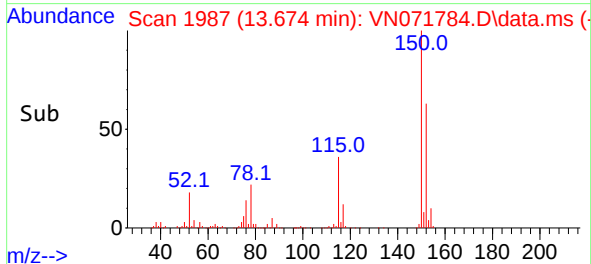
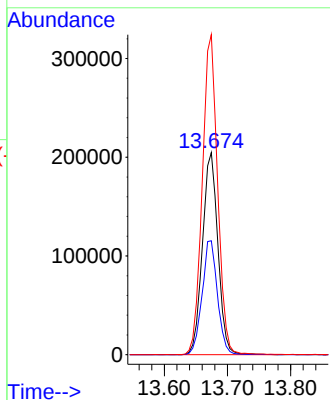
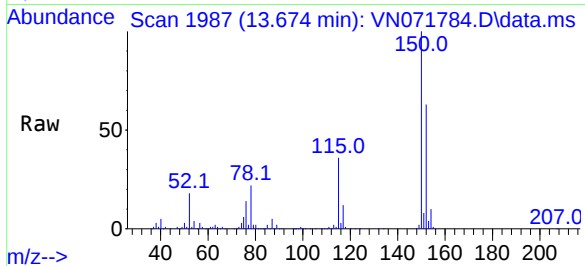




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1986
Delta R.T. 0.005 min
Lab File: VN071784.D
Acq: 02 Apr 2022 04:34

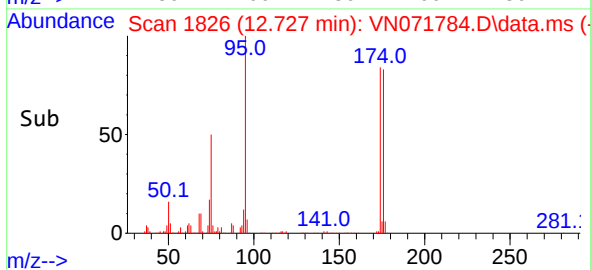
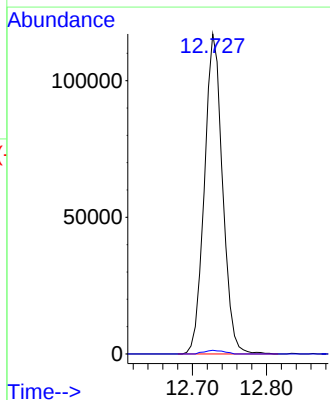
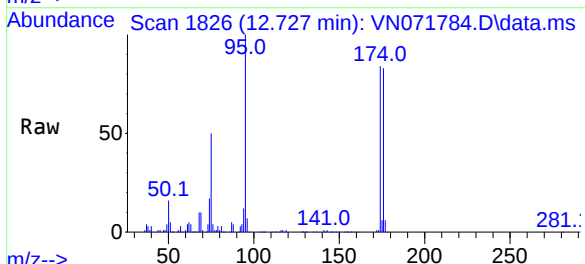
Instrument :
MSVOA_N
ClientSampleId :
TB

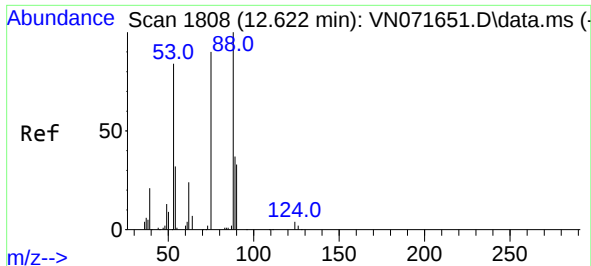
Tgt Ion:152 Resp: 348241
Ion Ratio Lower Upper
152 100
115 56.1 28.9 86.7
150 157.4 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 24.655 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071784.D
Acq: 02 Apr 2022 04:34

Tgt Ion: 75 Resp: 198902
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#

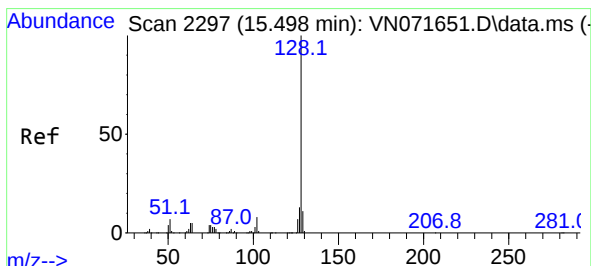
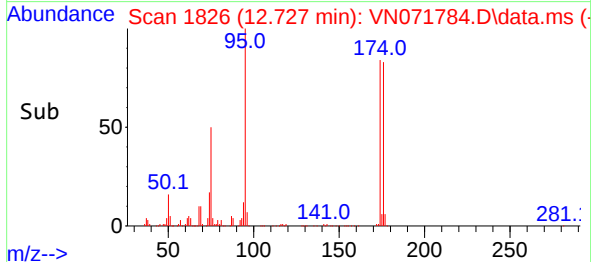
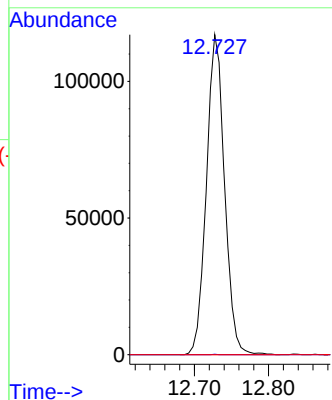
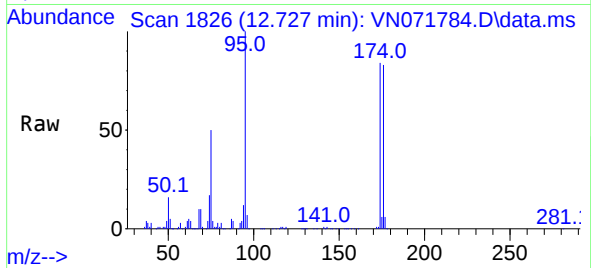




#81
trans-1,4-Dichloro-2-butene
Concen: 76.406 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN071784.D
Acq: 02 Apr 2022 04:34

Instrument :
MSVOA_N
ClientSampleId :
TB

Tgt Ion: 75 Resp: 198902
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 3.851 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071784.D
Acq: 02 Apr 2022 04:34

Tgt Ion: 128 Resp: 821
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

