

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
 Data File : VN071794.D
 Acq On : 02 Apr 2022 08:35
 Operator : JC\MD
 Sample : N2200-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-38

Quant Time: Apr 02 09:07:43 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)

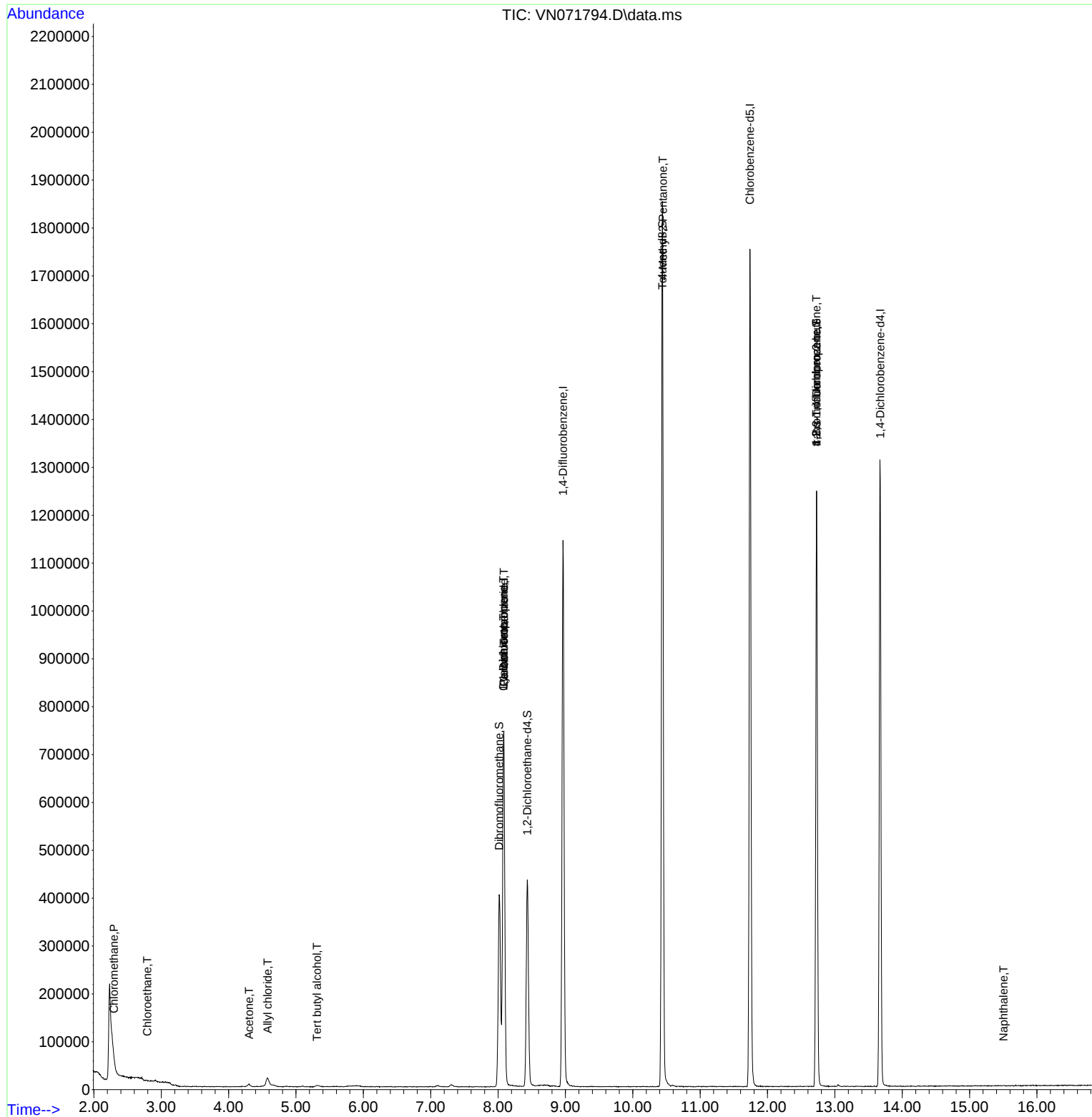
Internal Standards						
1) Pentafluorobenzene	8.087	168	615732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1052608	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1079776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	387251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	362818	51.615	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.240%	
35) Dibromofluoromethane	8.016	113	305726	49.358	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.720%	
50) Toluene-d8	10.439	98	1323297	52.225	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.460%	
62) 4-Bromofluorobenzene	12.727	95	443977	54.178	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 108.360%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	1699	0.274	ug/l	96
6) Chloroethane	2.793	64	11960	2.441	ug/l #	57
11) Tert butyl alcohol	5.310	59	1802	1.580	ug/l #	72
14) Allyl chloride	4.581	41	2543	0.308	ug/l #	54
16) Acetone	4.304	43	6401	2.131	ug/l	91
18) Methyl Acetate	4.869	43	2078	Below Cal	#	68
31) Cyclohexane	8.081	56	10603	1.109	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	41923	4.847	ug/l #	48
38) Carbon Tetrachloride	8.087	117	56325	6.644	ug/l #	17
51) 4-Methyl-2-Pentanone	10.445	43	4926	0.544	ug/l #	1
76) 1,2,3-Trichloropropane	12.727	75	215182	23.987	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	215182	74.333	ug/l #	10
95) Naphthalene	15.504	128	202	3.813	ug/l #	69

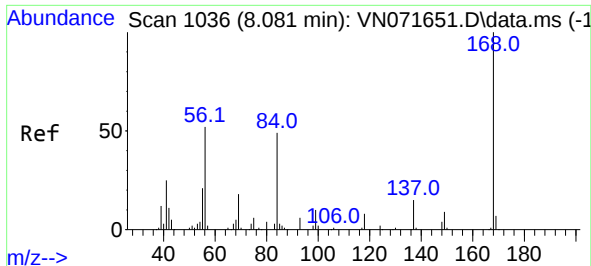
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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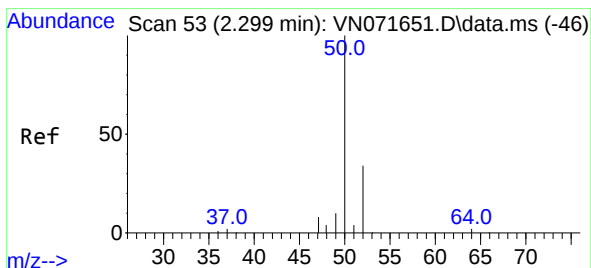
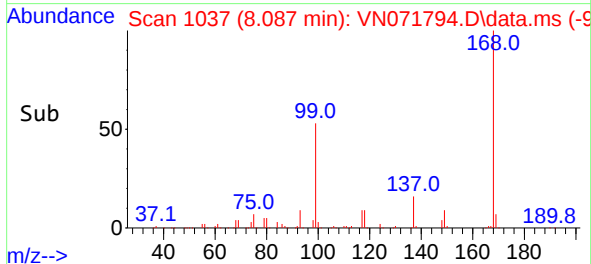
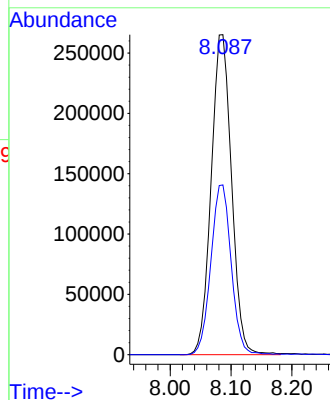
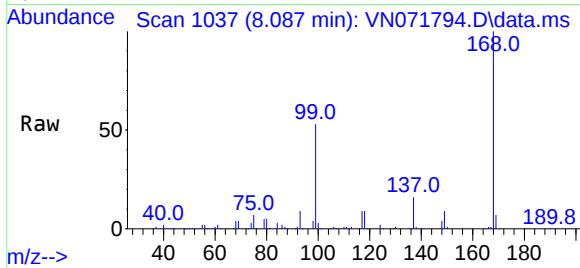




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN071794.D
Acq: 02 Apr 2022 08:35

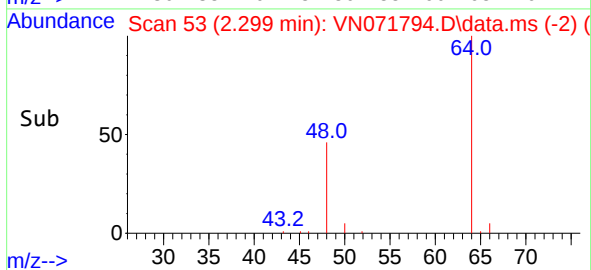
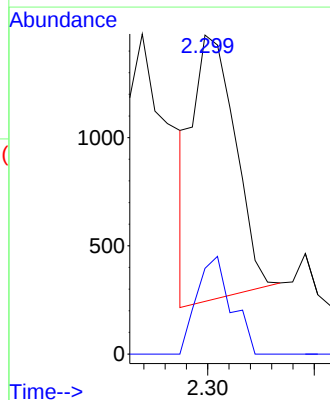
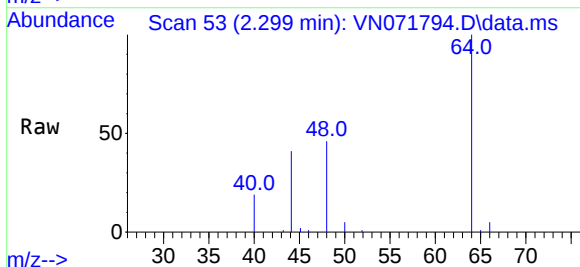
Instrument :
MSVOA_N
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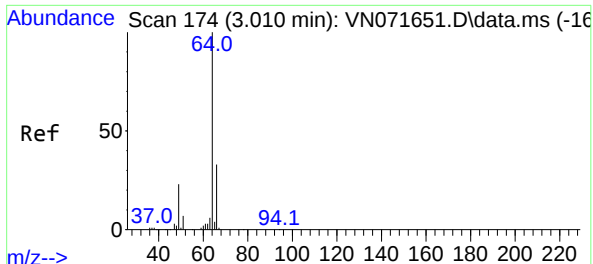
Tgt Ion:168 Resp: 615732
Ion Ratio Lower Upper
168 100
99 53.0 42.3 63.5



#3
Chloromethane
Concen: 0.274 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071794.D
Acq: 02 Apr 2022 08:35

Tgt Ion: 50 Resp: 1699
Ion Ratio Lower Upper
50 100
52 34.6 25.7 38.5

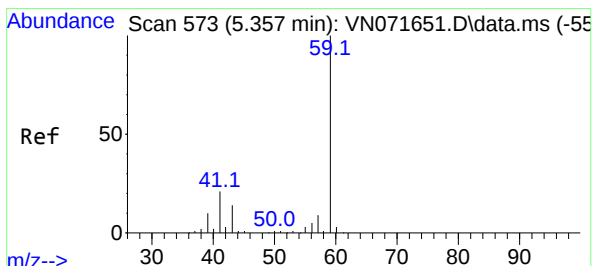
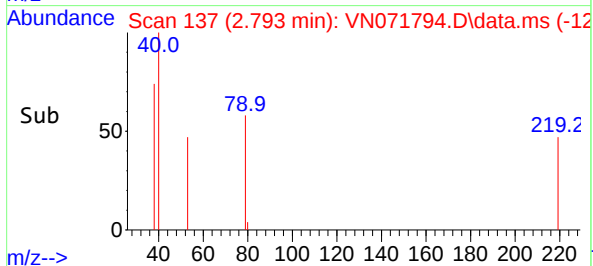
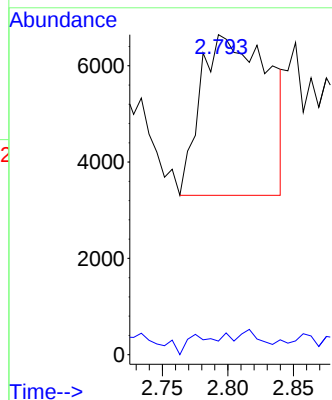
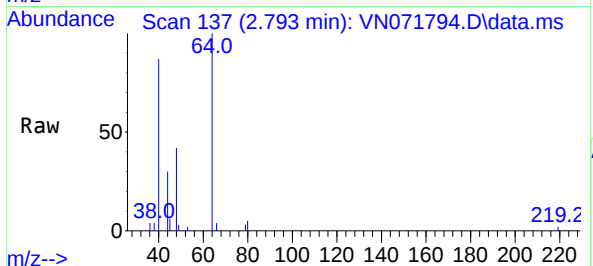




#6
Chloroethane
Concen: 2.441 ug/l
RT: 2.793 min Scan# 11
Delta R.T. -0.217 min
Lab File: VN071794.D
Acq: 02 Apr 2022 08:35

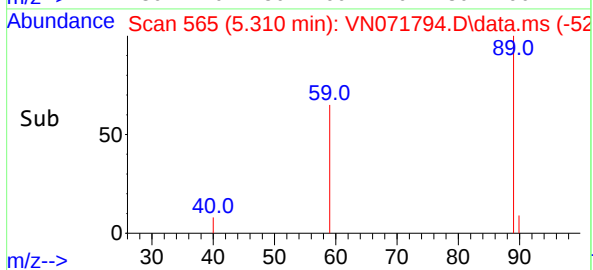
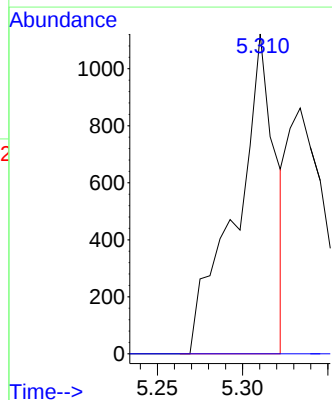
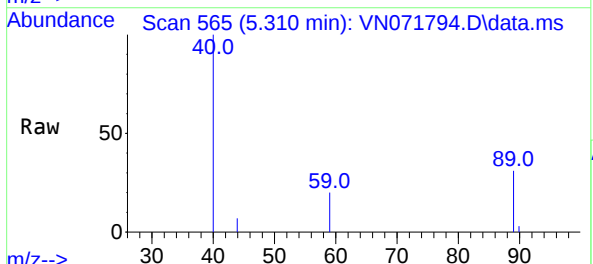
Instrument :
MSVOA_N
ClientSampleId :
MW-38

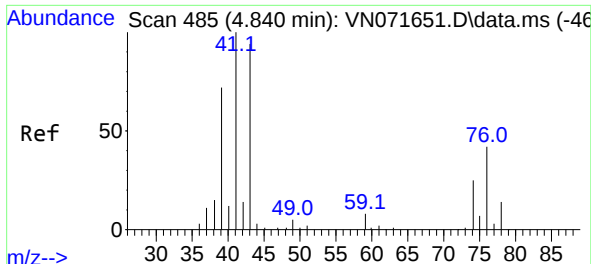
Tgt Ion: 64 Resp: 11960
Ion Ratio Lower Upper
64 100
66 8.5 26.2 39.4#



#11
Tert butyl alcohol
Concen: 1.580 ug/l
RT: 5.310 min Scan# 565
Delta R.T. -0.047 min
Lab File: VN071794.D
Acq: 02 Apr 2022 08:35

Tgt Ion: 59 Resp: 1802
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

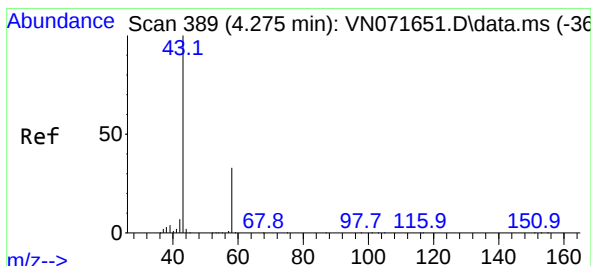
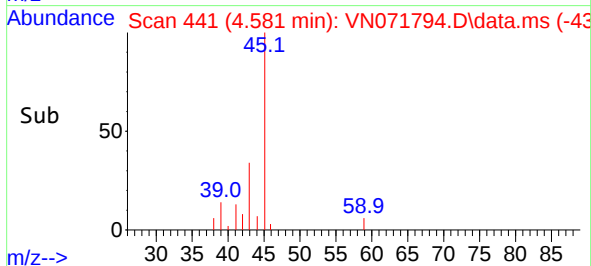
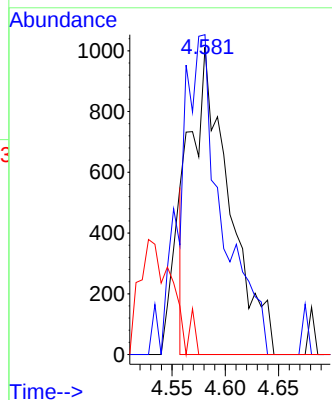
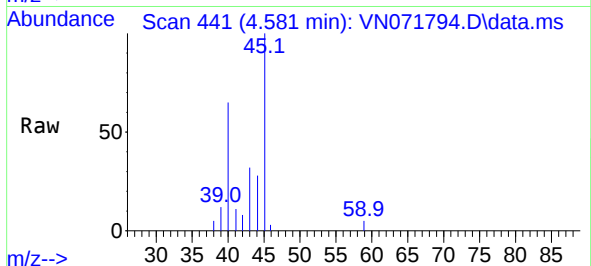




#14
 Allyl chloride
 Concen: 0.308 ug/l
 RT: 4.581 min Scan# 41
 Delta R.T. -0.259 min
 Lab File: VN071794.D
 Acq: 02 Apr 2022 08:35

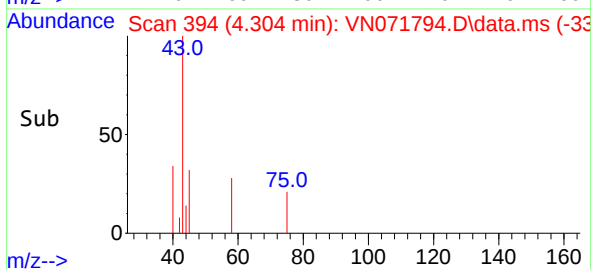
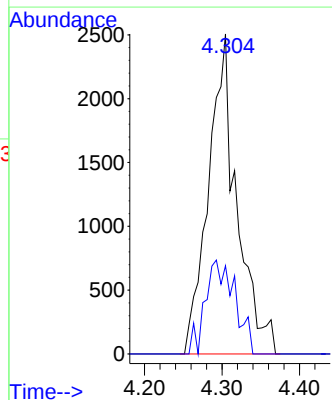
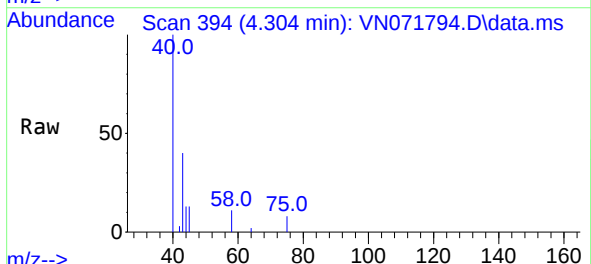
Instrument :
 MSVOA_N
 ClientSampleId :
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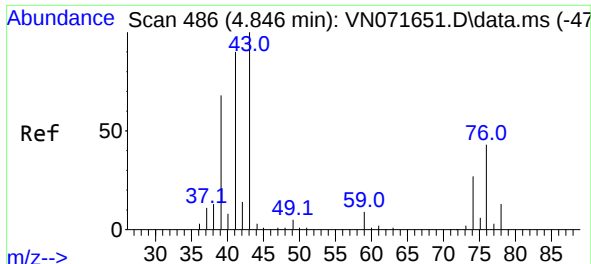
Tgt Ion: 41 Resp: 2543
 Ion Ratio Lower Upper
 41 100
 39 95.4 53.2 79.8#
 76 0.0 29.9 44.9#



#16
 Acetone
 Concen: 2.131 ug/l
 RT: 4.304 min Scan# 394
 Delta R.T. 0.029 min
 Lab File: VN071794.D
 Acq: 02 Apr 2022 08:35

Tgt Ion: 43 Resp: 6401
 Ion Ratio Lower Upper
 43 100
 58 27.6 26.0 39.0

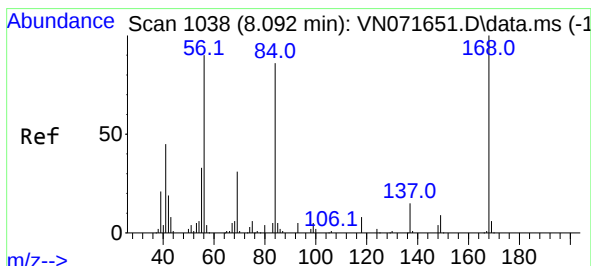
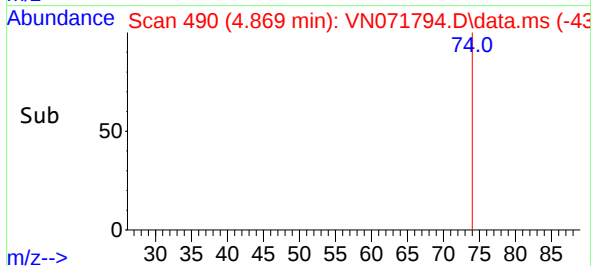
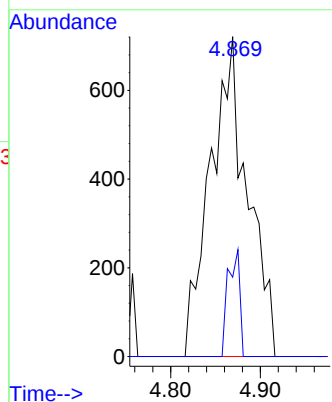
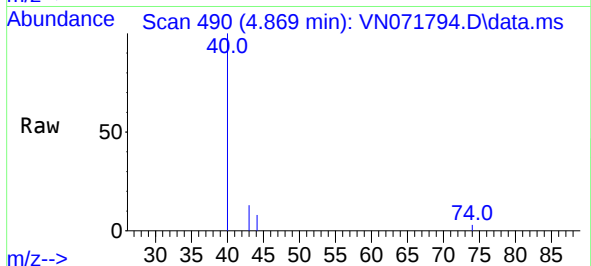




#18
Methyl Acetate
Concen: Below Cal
RT: 4.869 min Scan# 490
Delta R.T. 0.023 min
Lab File: VN071794.D
Acq: 02 Apr 2022 08:35

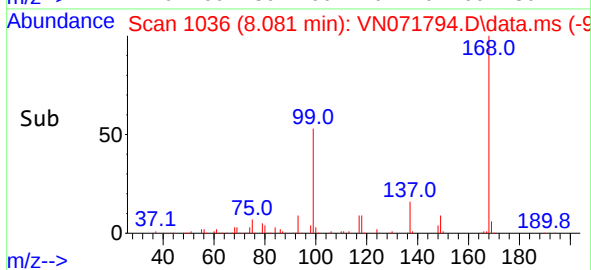
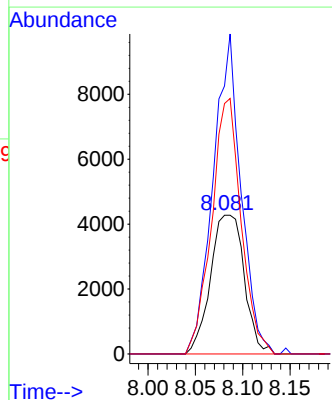
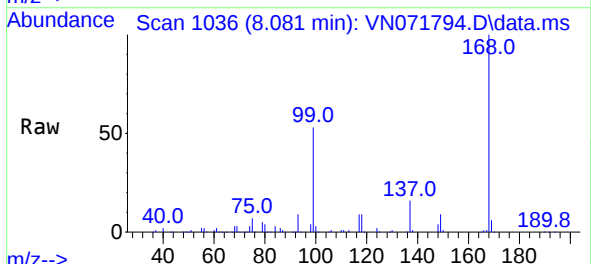
Instrument :
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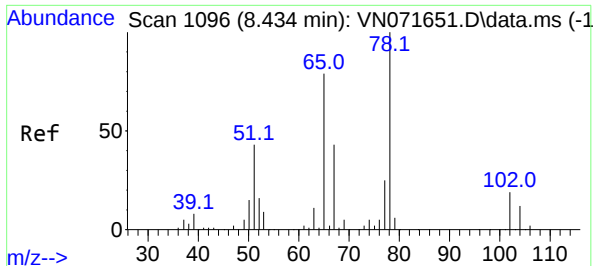
Tgt Ion: 43 Resp: 2078
Ion Ratio Lower Upper
43 100
74 10.5 21.6 32.4#



#31
Cyclohexane
Concen: 1.109 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN071794.D
Acq: 02 Apr 2022 08:35

Tgt Ion: 56 Resp: 10603
Ion Ratio Lower Upper
56 100
69 193.2 27.8 41.8#
84 180.5 76.9 115.3#

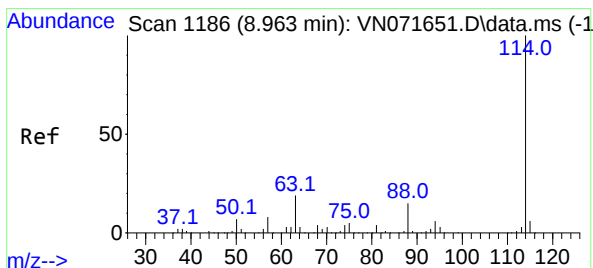
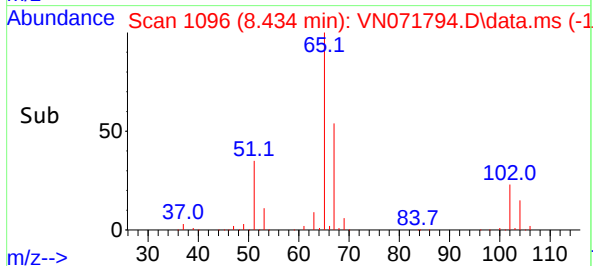
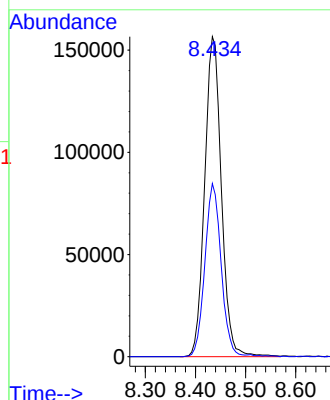
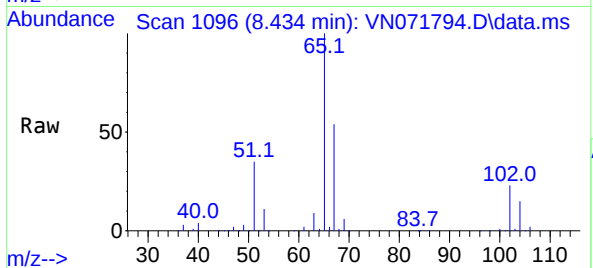




#33
1,2-Dichloroethane-d4
Concen: 51.615 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071794.D
Acq: 02 Apr 2022 08:35

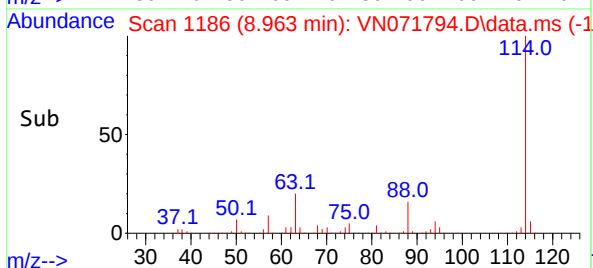
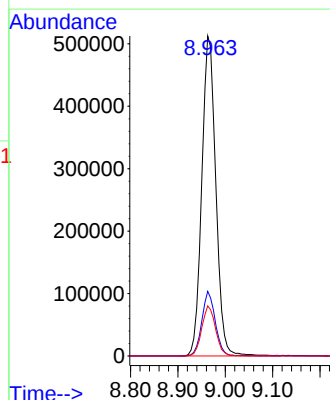
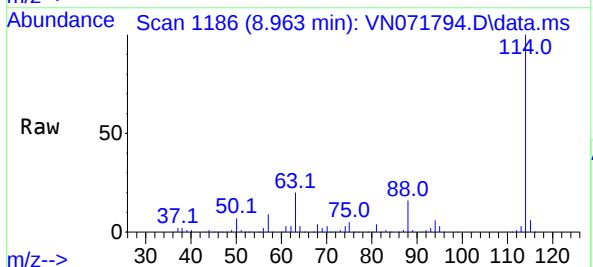
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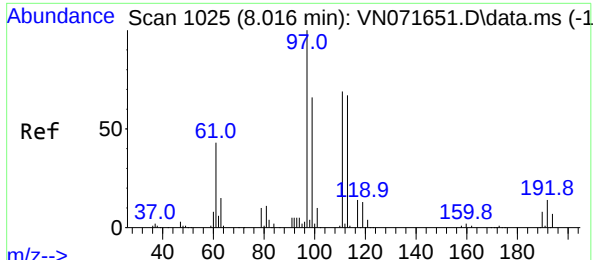
Tgt Ion: 65 Resp: 362818
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071794.D
Acq: 02 Apr 2022 08:35

Tgt Ion:114 Resp: 1052608
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.0
88 15.7 0.0 32.6

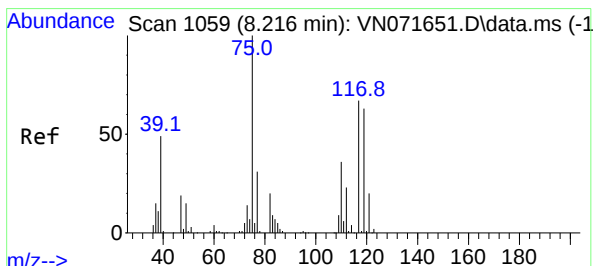
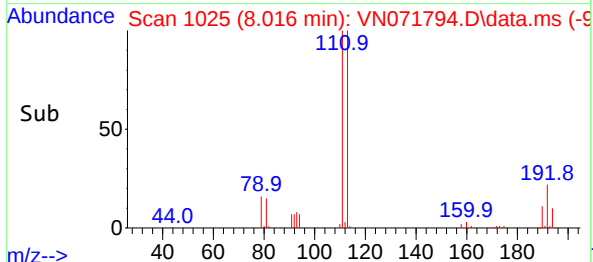
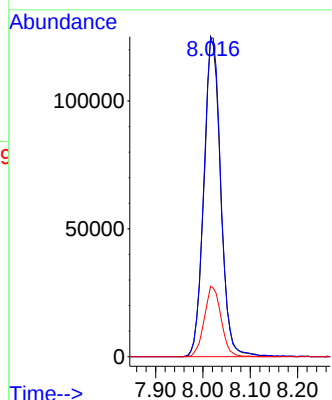
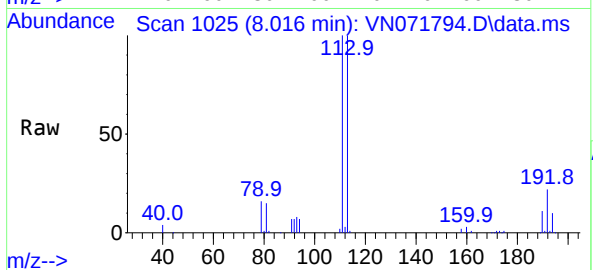




#35
Dibromofluoromethane
Concen: 49.358 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071794.D
Acq: 02 Apr 2022 08:35

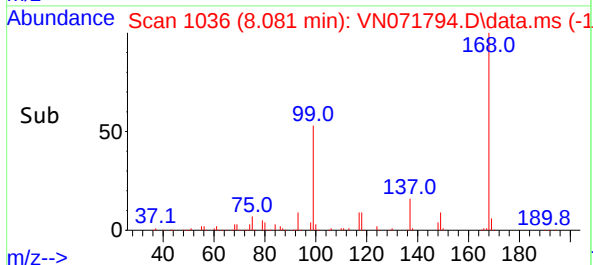
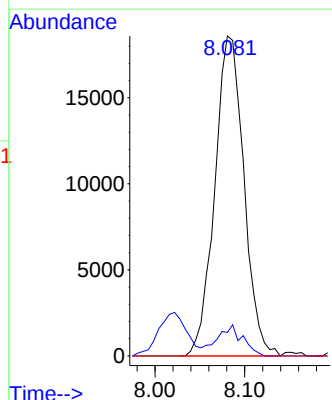
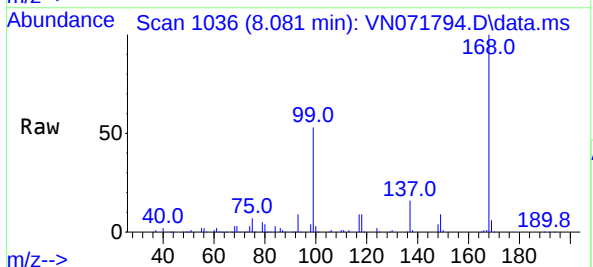
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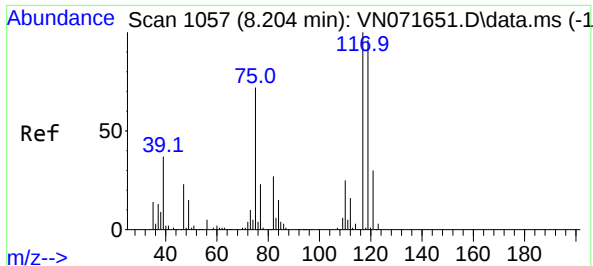
Tgt Ion:113 Resp: 305726
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.0
192 22.1 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.847 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071794.D
Acq: 02 Apr 2022 08:35

Tgt Ion: 75 Resp: 41923
Ion Ratio Lower Upper
75 100
110 8.5 18.3 54.8#
77 0.0 25.1 37.7#

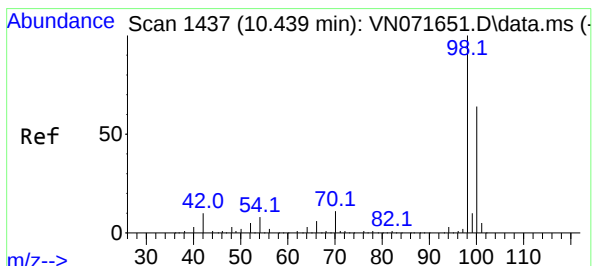
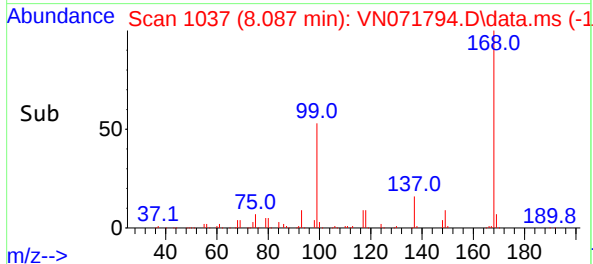
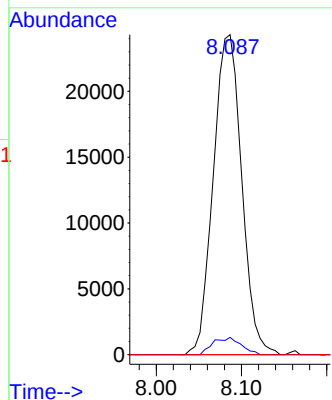
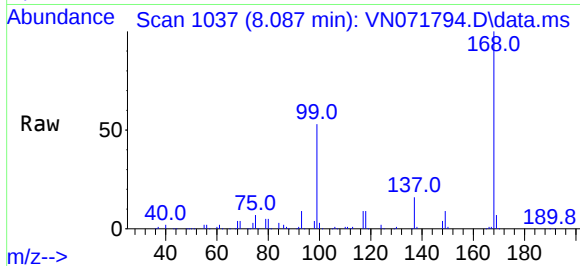




#38
Carbon Tetrachloride
Concen: 6.644 ug/l
RT: 8.087 min Scan# 1057
Delta R.T. -0.117 min
Lab File: VN071794.D
Acq: 02 Apr 2022 08:35

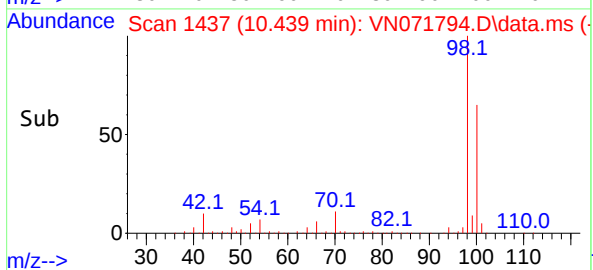
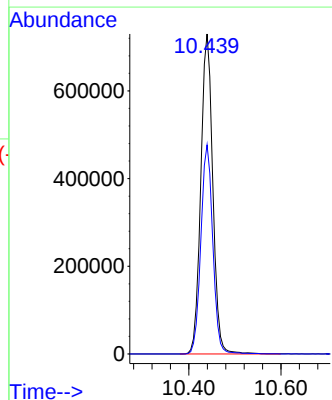
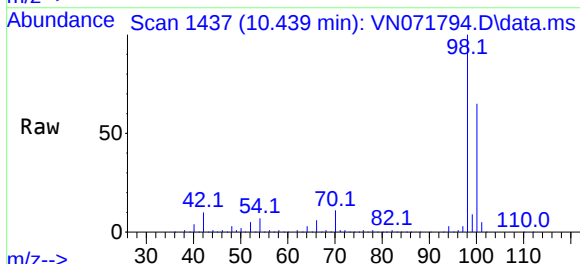
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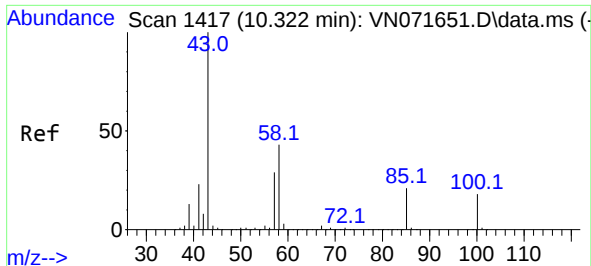
Tgt Ion:117 Resp: 56325
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 52.225 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071794.D
Acq: 02 Apr 2022 08:35

Tgt Ion: 98 Resp: 1323297
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8

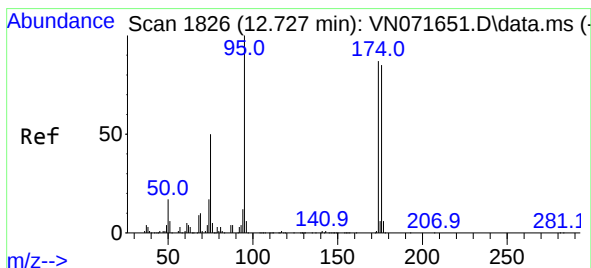
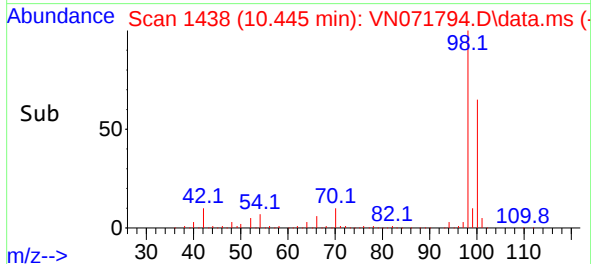
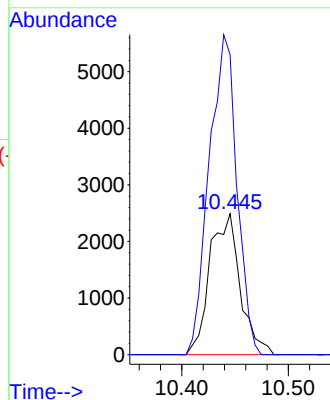
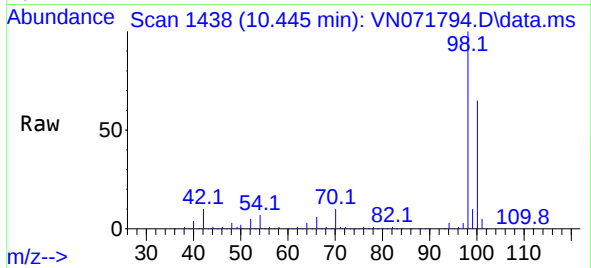




#51
4-Methyl-2-Pentanone
Concen: 0.544 ug/l
RT: 10.445 min Scan# 1417
Delta R.T. 0.123 min
Lab File: VN071794.D
Acq: 02 Apr 2022 08:35

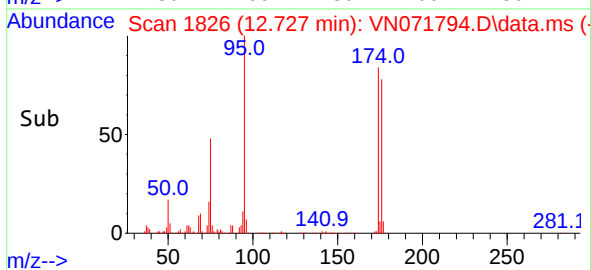
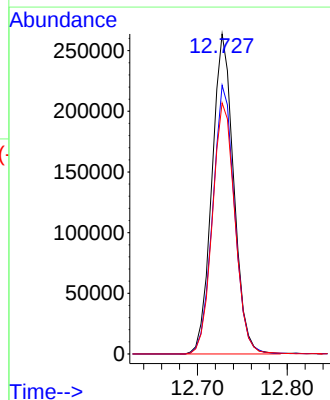
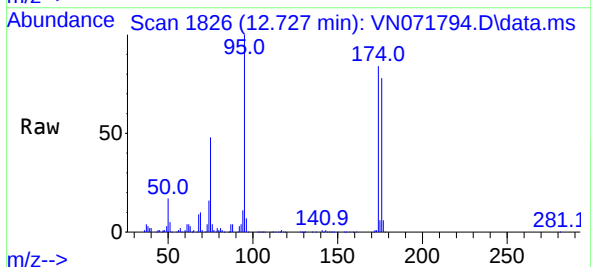
Instrument :
MSVOA_N
ClientSampleId :
MW-38

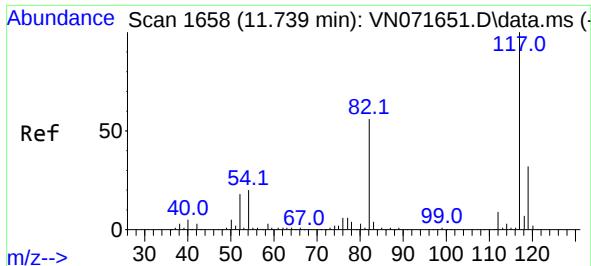
Tgt Ion: 43 Resp: 4926
Ion Ratio Lower Upper
43 100
58 208.0 34.1 51.1#



#62
4-Bromofluorobenzene
Concen: 54.178 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071794.D
Acq: 02 Apr 2022 08:35

Tgt Ion: 95 Resp: 443977
Ion Ratio Lower Upper
95 100
174 84.3 0.0 167.6
176 80.9 0.0 163.4

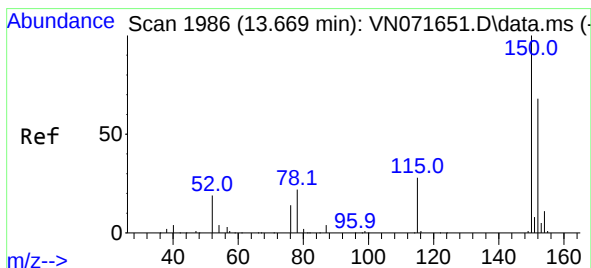
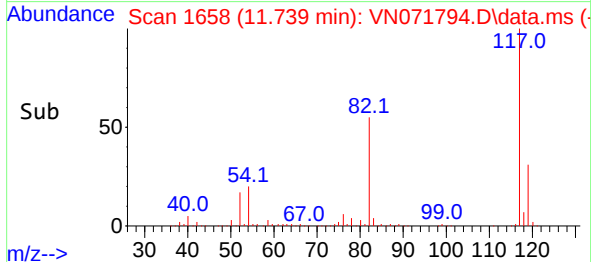
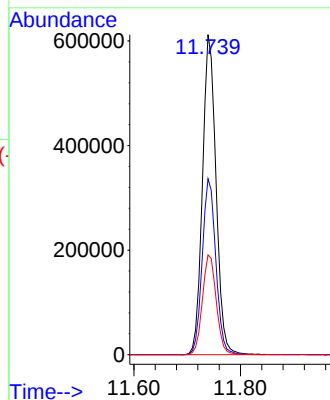
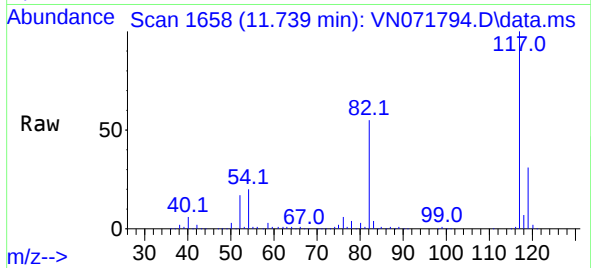




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071794.D
Acq: 02 Apr 2022 08:35

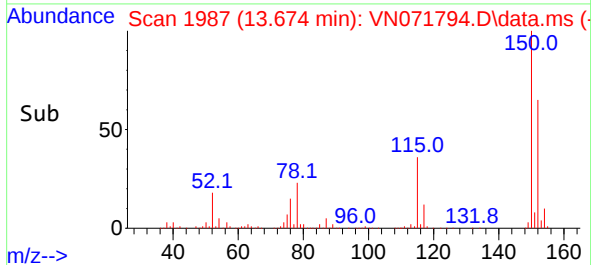
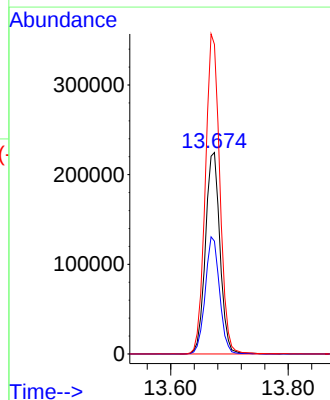
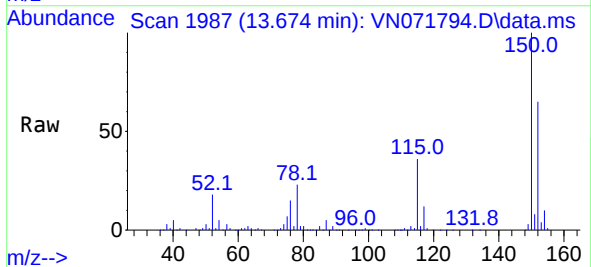
Instrument :
MSVOA_N
ClientSampleId :
MW-38

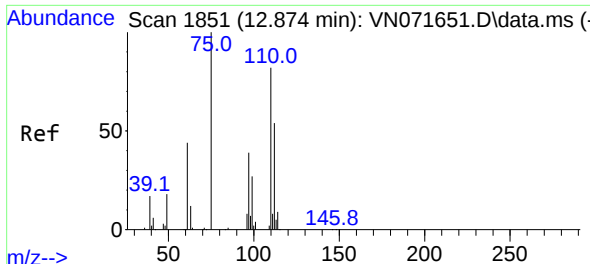
Tgt Ion:117 Resp: 1079776
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 31.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN071794.D
Acq: 02 Apr 2022 08:35

Tgt Ion:152 Resp: 387251
Ion Ratio Lower Upper
152 100
115 57.2 28.9 86.7
150 158.2 0.0 356.2

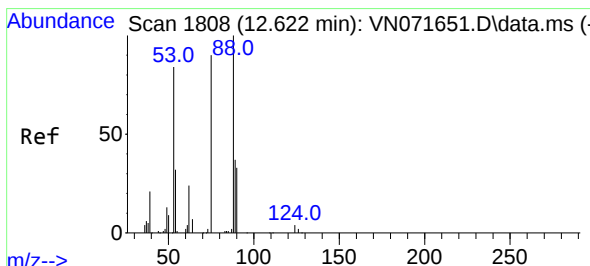
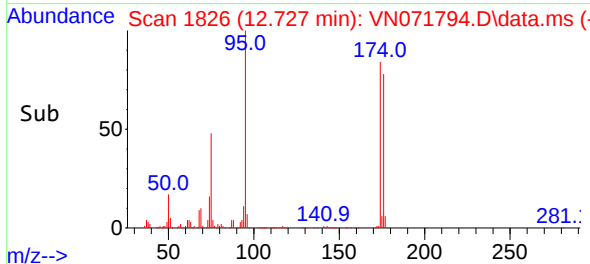
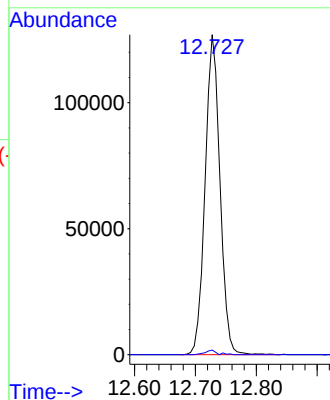
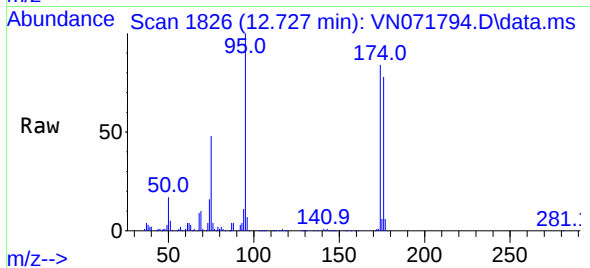




#76
1,2,3-Trichloropropane
Concen: 23.987 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071794.D
Acq: 02 Apr 2022 08:35

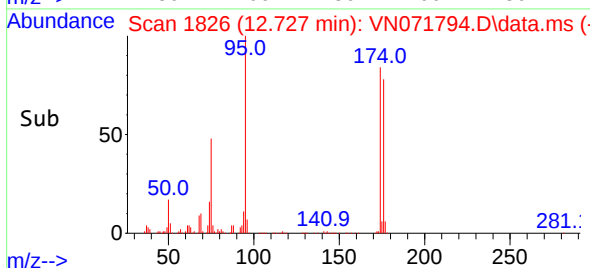
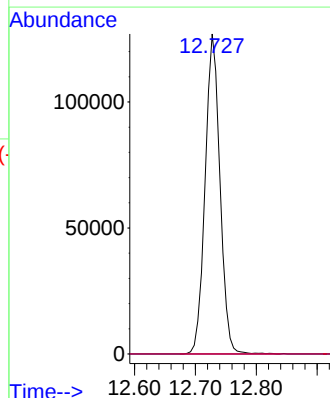
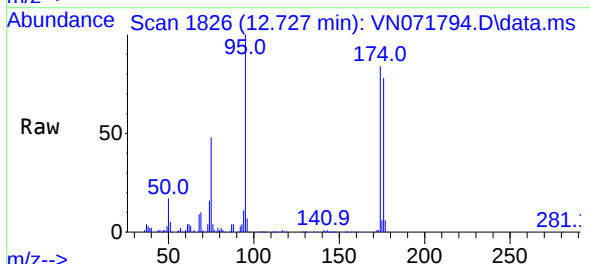
Instrument :
MSVOA_N
ClientSampleId :
MW-38

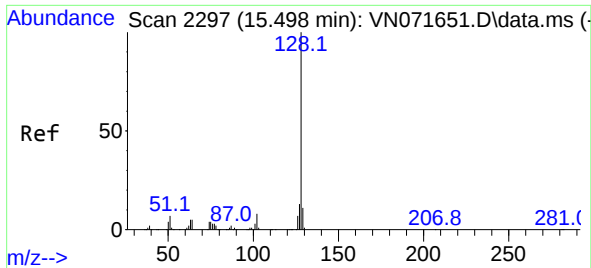
Tgt Ion: 75 Resp: 215182
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.333 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071794.D
Acq: 02 Apr 2022 08:35

Tgt Ion: 75 Resp: 215182
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 3.813 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071794.D
Acq: 02 Apr 2022 08:35

Instrument :
MSVOA_N
ClientSampleId :
MW-38

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

