

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031822\
 Data File : VN071380.D
 Acq On : 18 Mar 2022 18:19
 Operator : JC\MD
 Sample : N2015-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-02

Quant Time: Mar 19 07:10:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

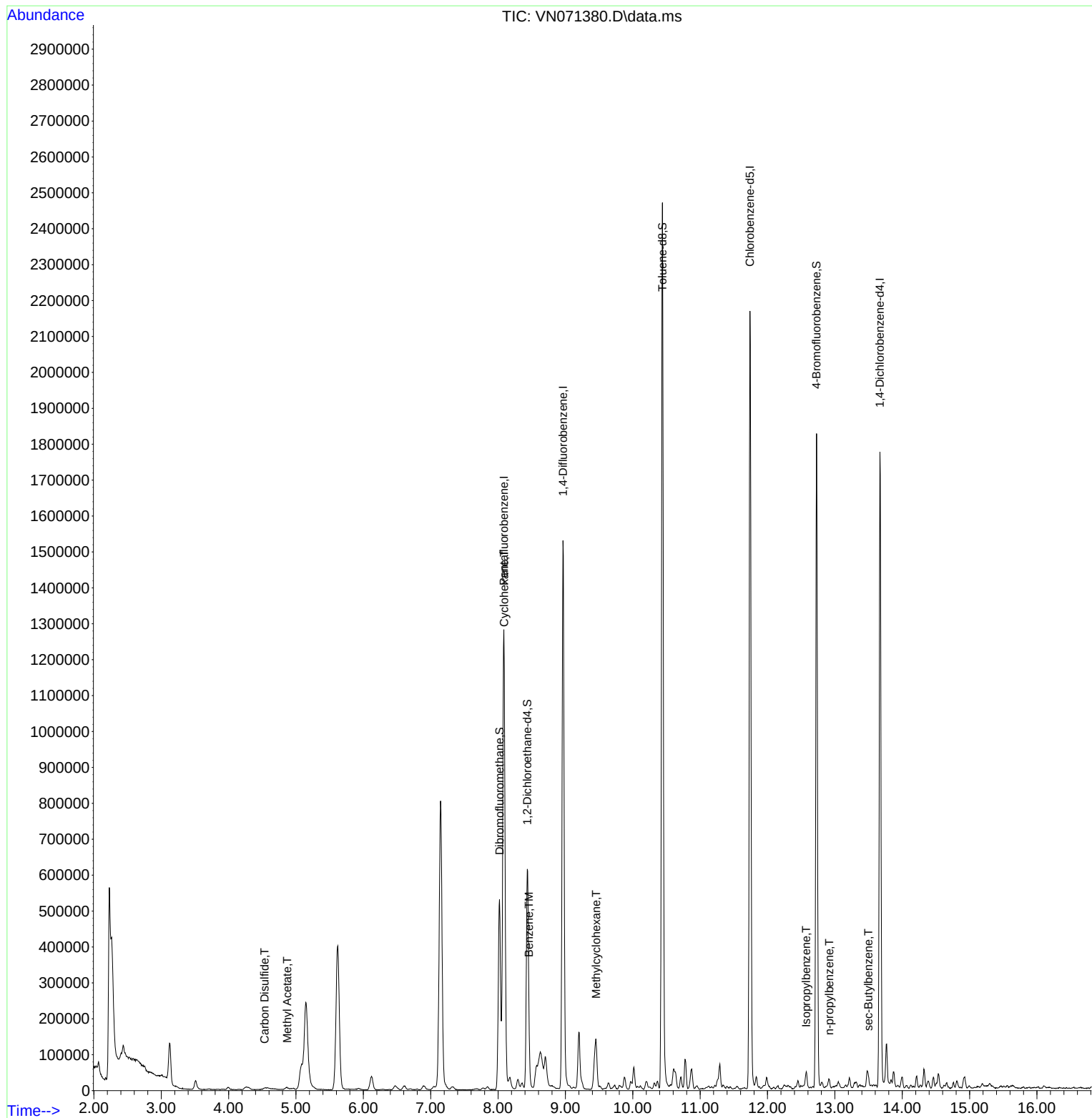
Internal Standards						
1) Pentafluorobenzene	8.086	168	781258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1298246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1266530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	486764	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	504599	47.126	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.260%		
35) Dibromofluoromethane	8.022	113	387607	47.313	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.620%		
50) Toluene-d8	10.439	98	1621774	49.167	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.340%		
62) 4-Bromofluorobenzene	12.727	95	629220	56.334	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	112.660%		
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.534	76	9563	0.429	ug/l #	74
18) Methyl Acetate	4.869	43	14675	1.509	ug/l #	88
31) Cyclohexane	8.092	56	194778	11.391	ug/l #	94
39) Methylcyclohexane	9.457	83	41684	2.699	ug/l #	70
40) Benzene	8.457	78	31813	0.804	ug/l	91
73) Isopropylbenzene	12.574	105	25472	0.543	ug/l	99
78) n-propylbenzene	12.915	91	18655	0.370	ug/l	94
85) sec-Butylbenzene	13.498	105	16237	0.375	ug/l #	21

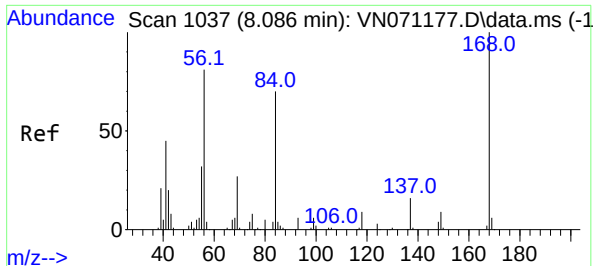
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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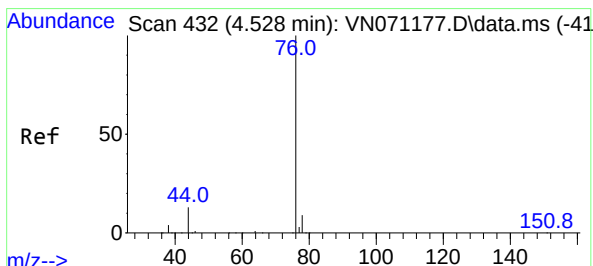
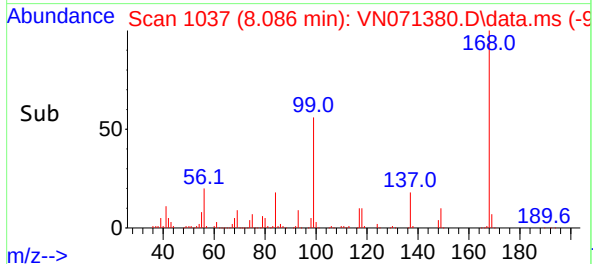
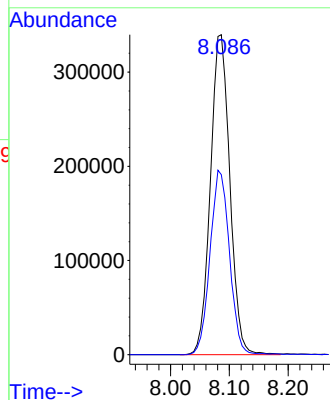
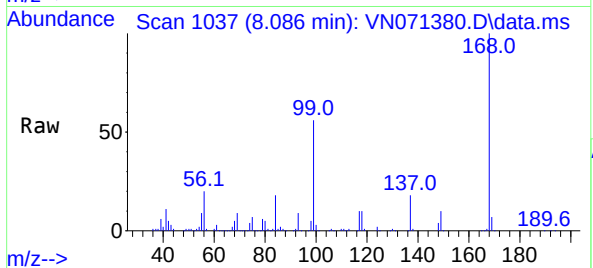




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN071380.D
Acq: 18 Mar 2022 18:19

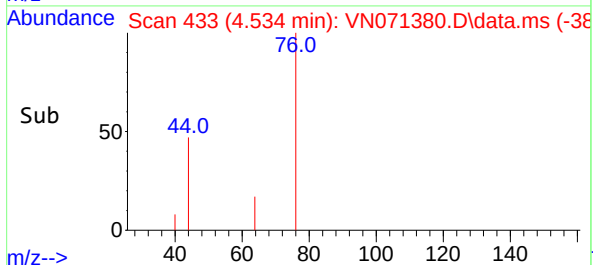
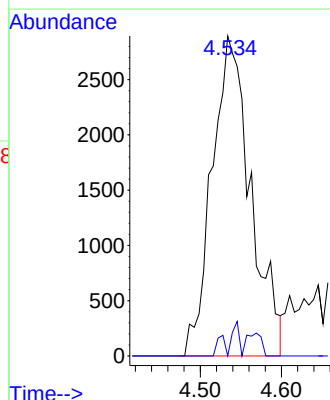
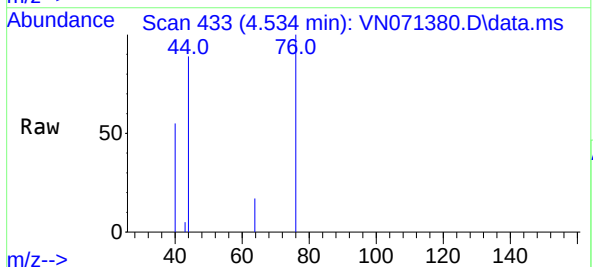
Instrument :
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ClientSampleId :
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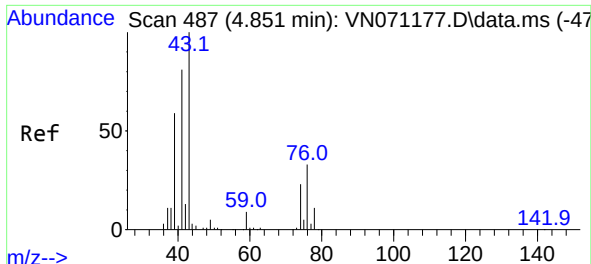
Tgt Ion:168 Resp: 781258
Ion Ratio Lower Upper
168 100
99 56.3 41.3 61.9



#17
Carbon Disulfide
Concen: 0.429 ug/l
RT: 4.534 min Scan# 433
Delta R.T. 0.006 min
Lab File: VN071380.D
Acq: 18 Mar 2022 18:19

Tgt Ion: 76 Resp: 9563
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

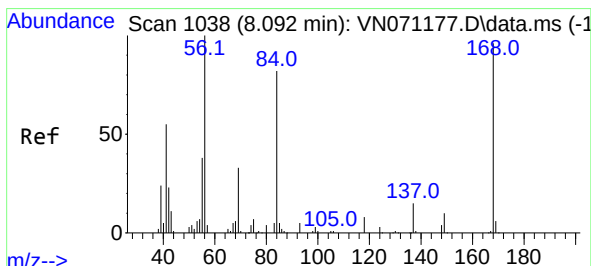
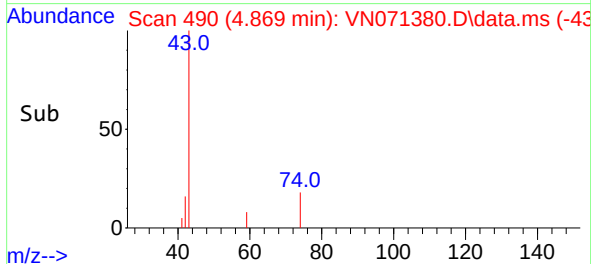
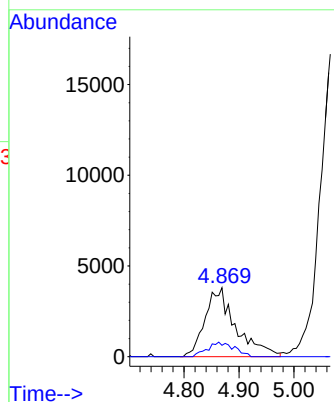
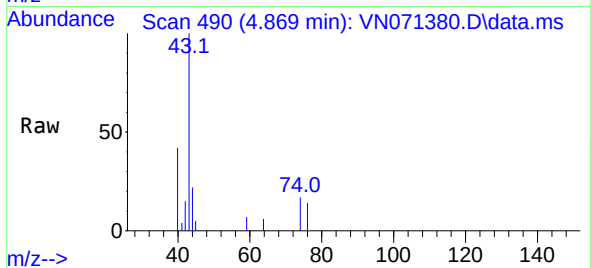




#18
Methyl Acetate
Concen: 1.509 ug/l
RT: 4.869 min Scan# 490
Delta R.T. 0.018 min
Lab File: VN071380.D
Acq: 18 Mar 2022 18:19

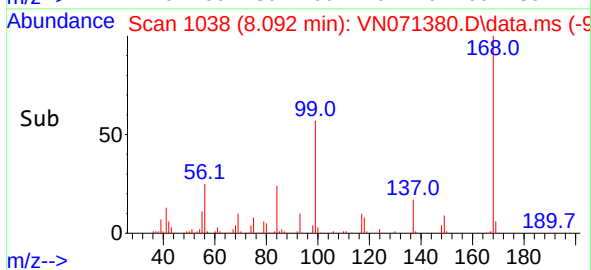
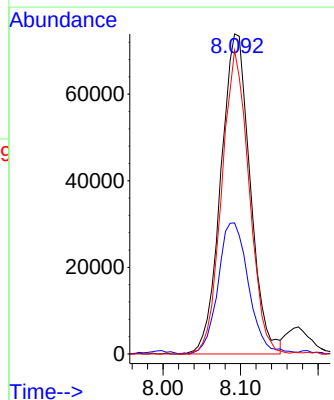
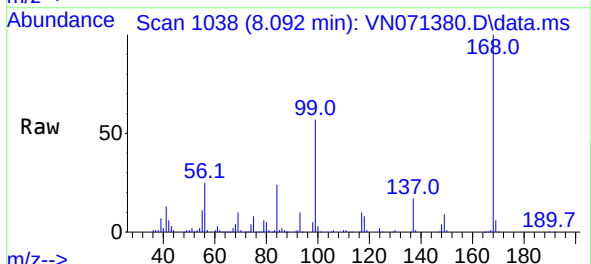
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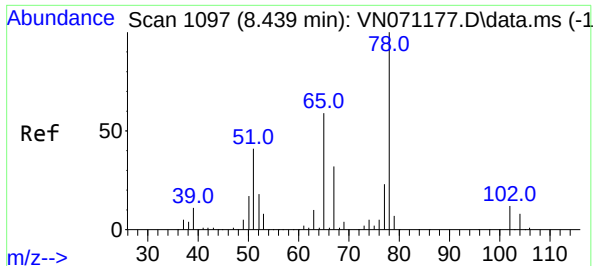
Tgt Ion: 43 Resp: 14675
Ion Ratio Lower Upper
43 100
74 18.3 19.4 29.2#



#31
Cyclohexane
Concen: 11.391 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN071380.D
Acq: 18 Mar 2022 18:19

Tgt Ion: 56 Resp: 194778
Ion Ratio Lower Upper
56 100
69 41.0 27.1 40.7#
84 94.9 73.4 110.0

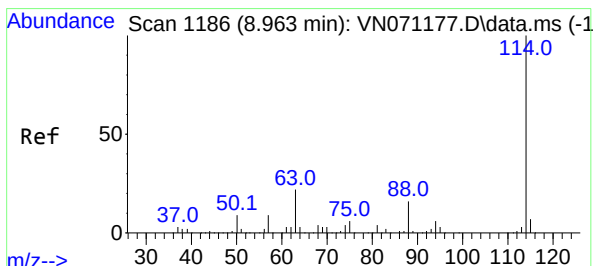
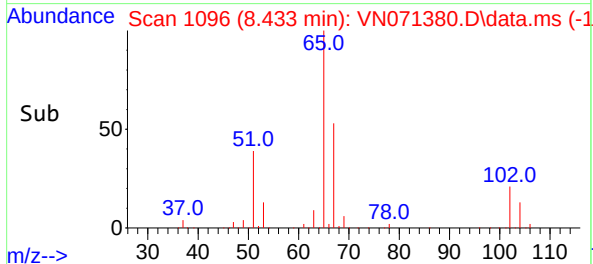
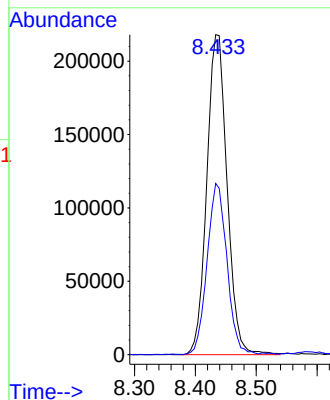
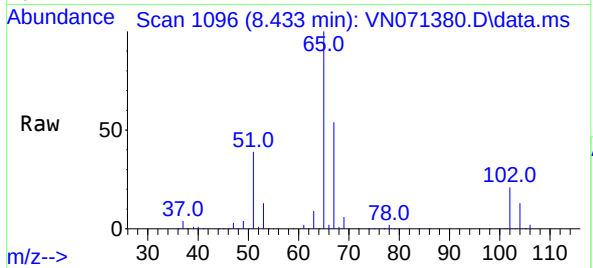




#33
1,2-Dichloroethane-d4
Concen: 47.126 ug/l
RT: 8.433 min Scan# 1097
Delta R.T. -0.006 min
Lab File: VN071380.D
Acq: 18 Mar 2022 18:19

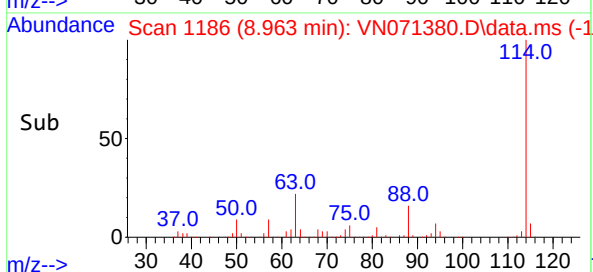
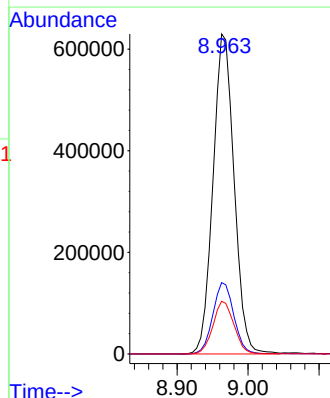
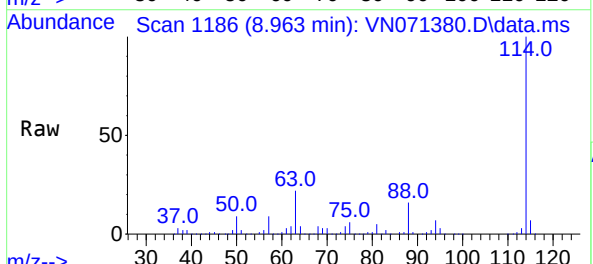
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ClientSampleId :
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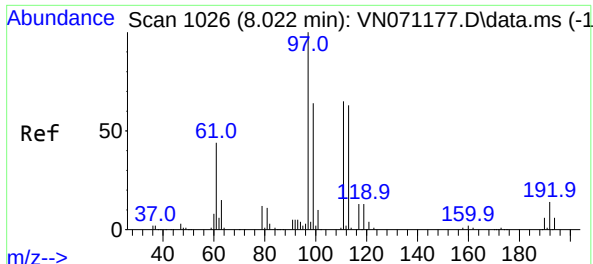
Tgt Ion: 65 Resp: 504599
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071380.D
Acq: 18 Mar 2022 18:19

Tgt Ion: 114 Resp: 1298246
Ion Ratio Lower Upper
114 100
63 22.3 0.0 37.8
88 16.5 0.0 27.4

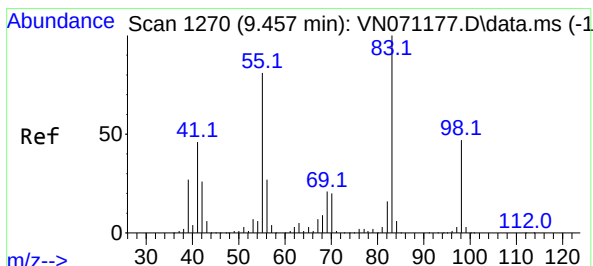
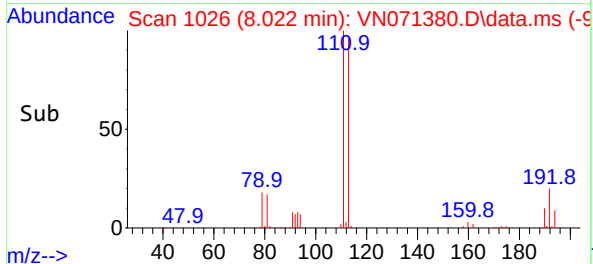
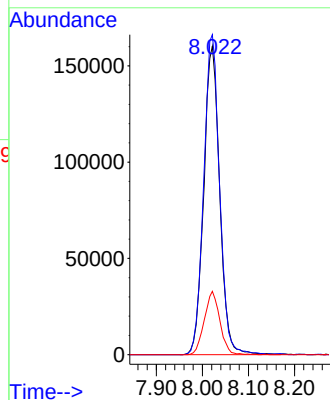
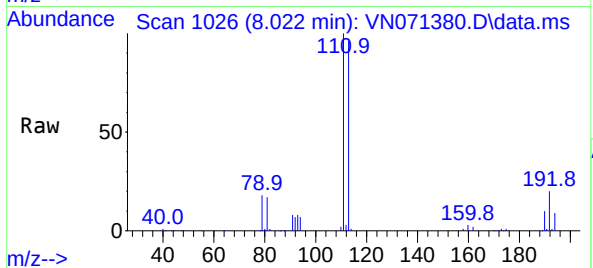




#35
Dibromofluoromethane
Concen: 47.313 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN071380.D
Acq: 18 Mar 2022 18:19

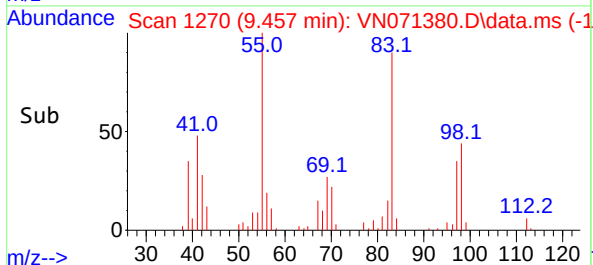
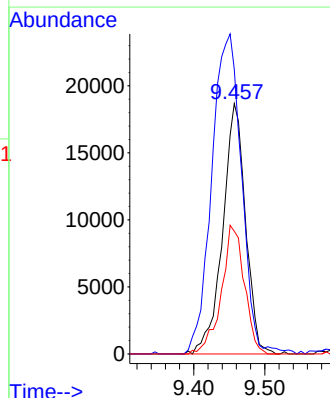
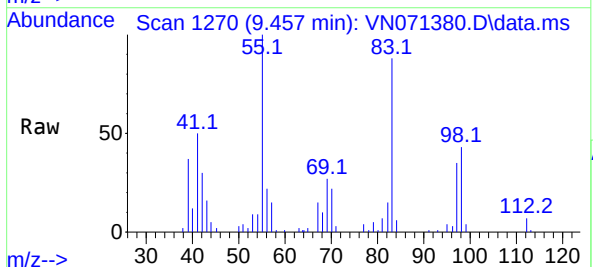
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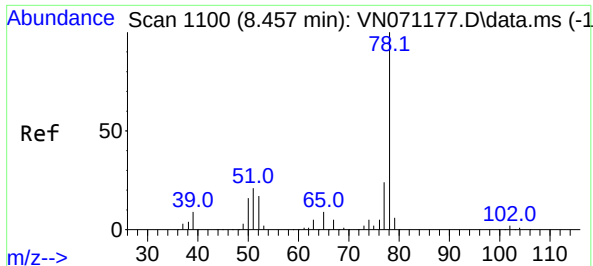
Tgt Ion:113 Resp: 387607
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 20.0 16.9 25.3



#39
Methylcyclohexane
Concen: 2.699 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN071380.D
Acq: 18 Mar 2022 18:19

Tgt Ion: 83 Resp: 41684
Ion Ratio Lower Upper
83 100
55 113.7 58.1 87.1#
98 49.0 38.4 57.6

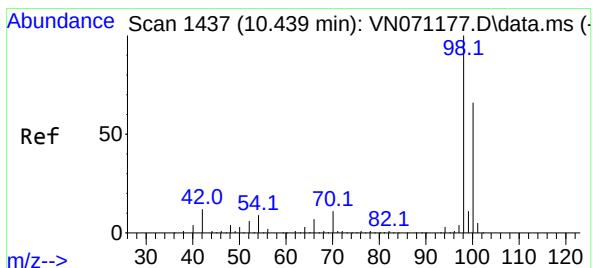
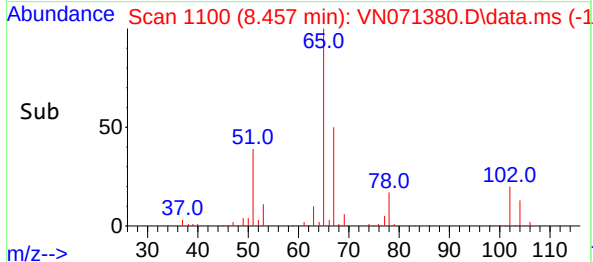
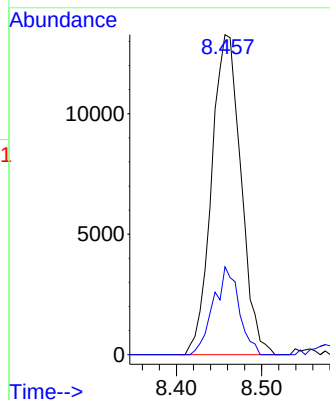
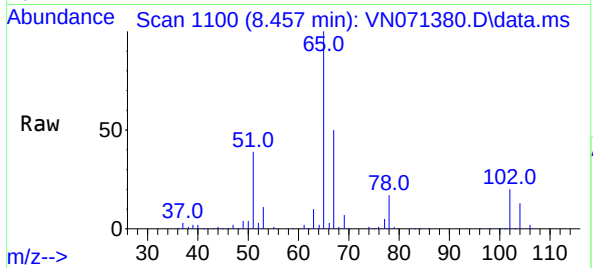




#40
Benzene
Concen: 0.804 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071380.D
Acq: 18 Mar 2022 18:19

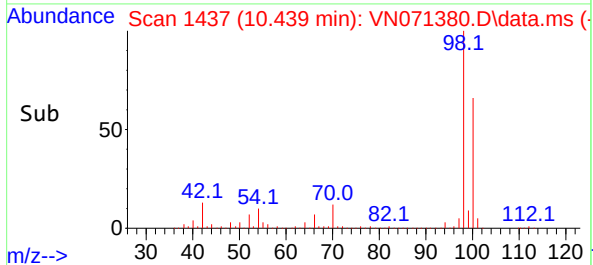
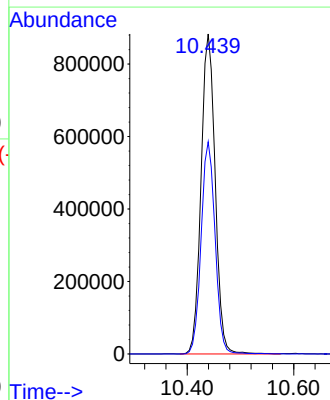
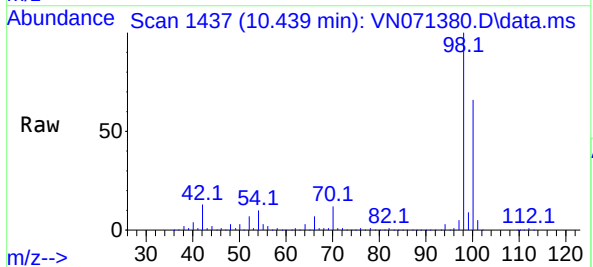
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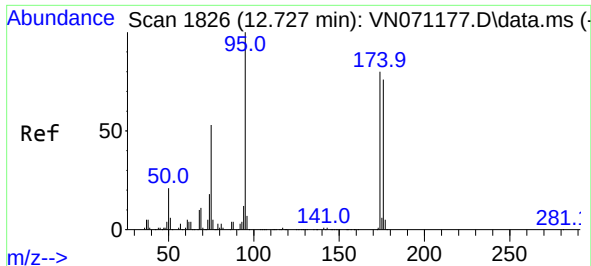
Tgt Ion: 78 Resp: 31813
Ion Ratio Lower Upper
78 100
77 27.4 18.6 27.8



#50
Toluene-d8
Concen: 49.167 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071380.D
Acq: 18 Mar 2022 18:19

Tgt Ion: 98 Resp: 1621774
Ion Ratio Lower Upper
98 100
100 65.6 50.4 75.6

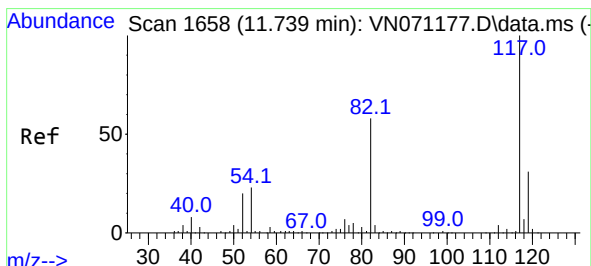
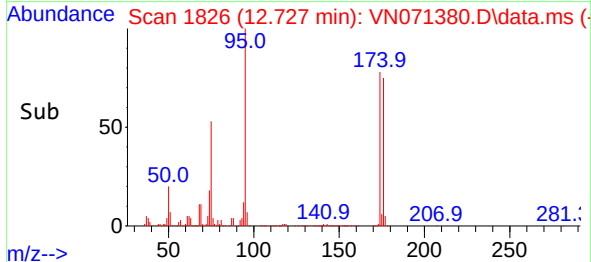
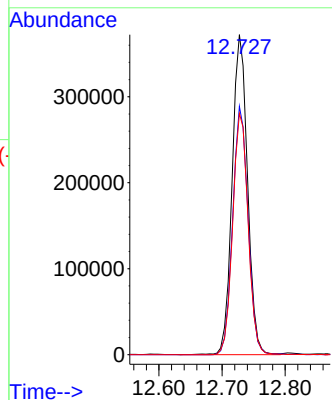
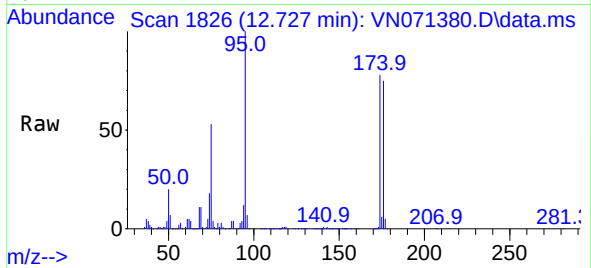




#62
4-Bromofluorobenzene
Concen: 56.334 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071380.D
Acq: 18 Mar 2022 18:19

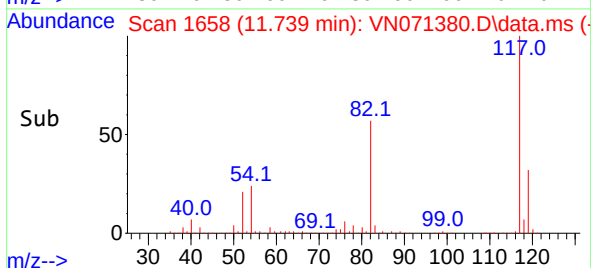
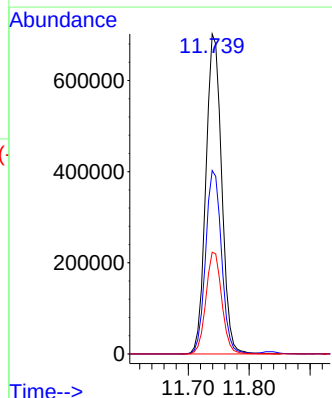
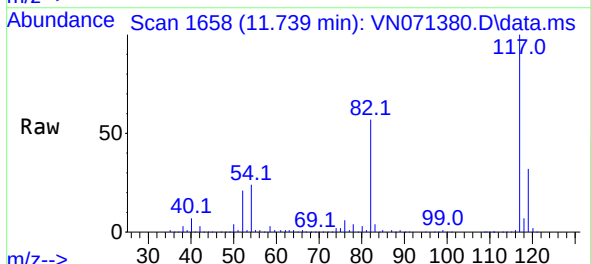
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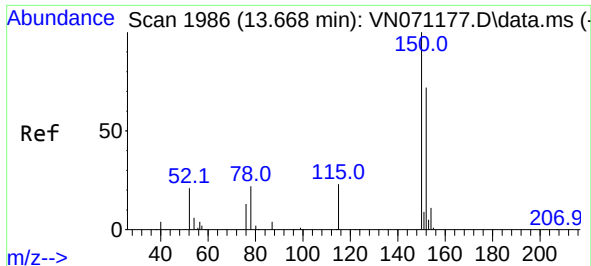
Tgt Ion: 95 Resp: 629220
Ion Ratio Lower Upper
95 100
174 77.5 0.0 187.2
176 75.6 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071380.D
Acq: 18 Mar 2022 18:19

Tgt Ion: 117 Resp: 1266530
Ion Ratio Lower Upper
117 100
82 57.3 42.4 63.6
119 31.8 25.4 38.2

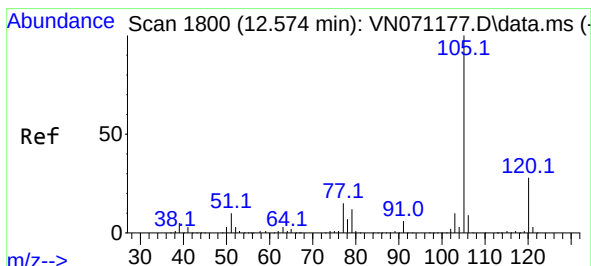
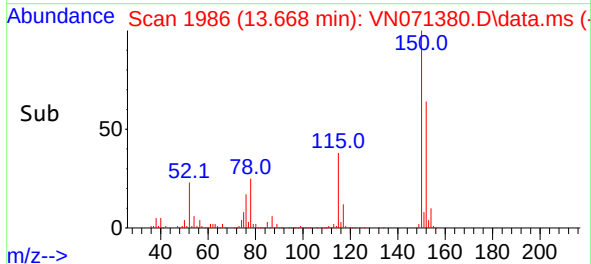
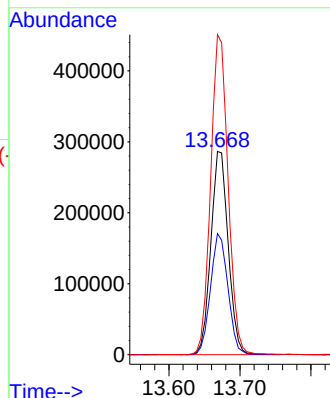
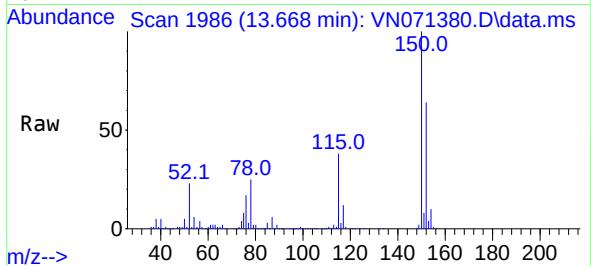




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071380.D
Acq: 18 Mar 2022 18:19

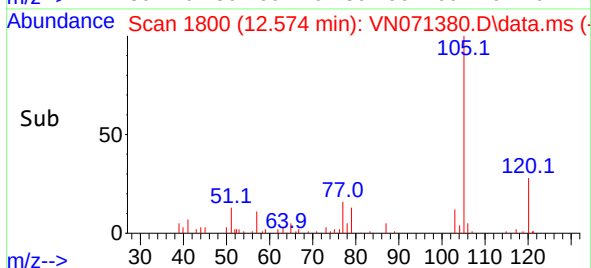
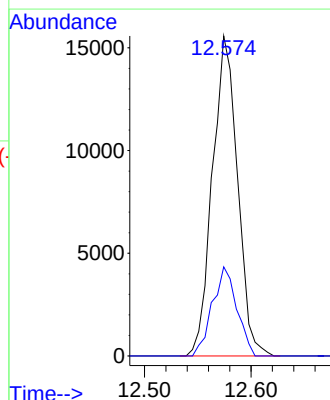
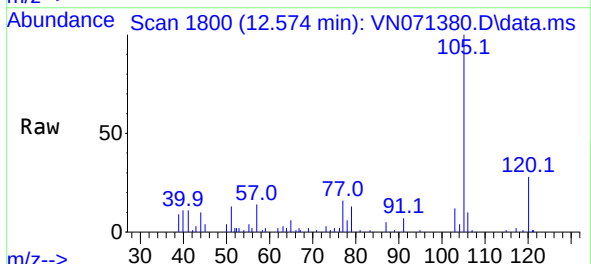
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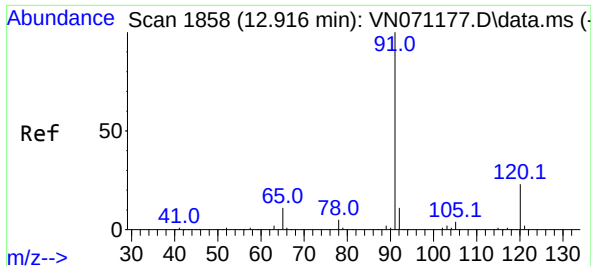
Tgt Ion:152 Resp: 486764
Ion Ratio Lower Upper
152 100
115 59.9 27.5 82.5
150 157.9 0.0 344.4



#73
Isopropylbenzene
Concen: 0.543 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN071380.D
Acq: 18 Mar 2022 18:19

Tgt Ion:105 Resp: 25472
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.1

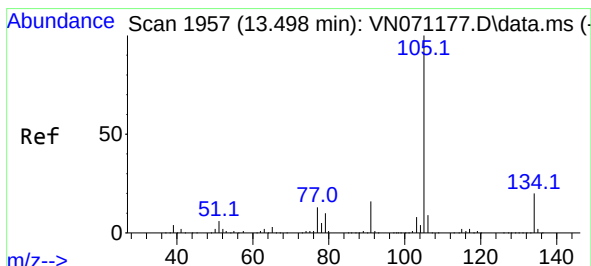
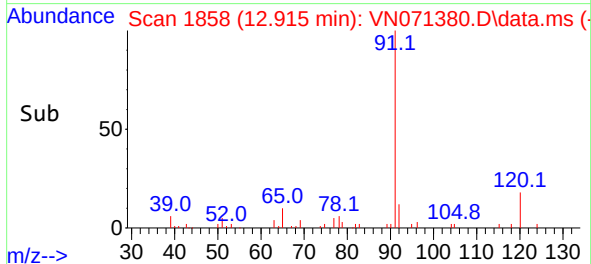
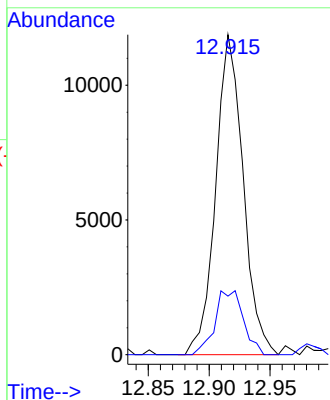
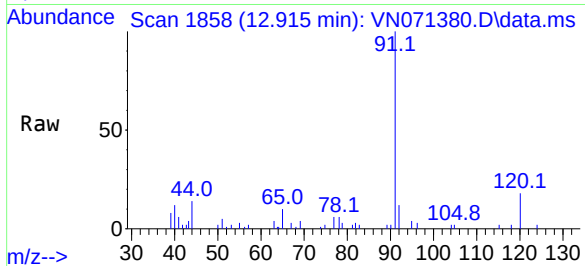




#78
n-propylbenzene
Concen: 0.370 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071380.D
Acq: 18 Mar 2022 18:19

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-02

Tgt Ion: 91 Resp: 18655
Ion Ratio Lower Upper
91 100
120 20.7 11.9 35.9



#85
sec-Butylbenzene
Concen: 0.375 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN071380.D
Acq: 18 Mar 2022 18:19

Tgt Ion: 105 Resp: 16237
Ion Ratio Lower Upper
105 100
134 57.3 10.4 31.1#

