

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072921\
 Data File : VN067970.D
 Acq On : 29 Jul 2021 17:52
 Operator : JC/MD
 Sample : M3147-18DL 20X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-DDC-2-PDDL

Quant Time: Jul 30 04:44:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

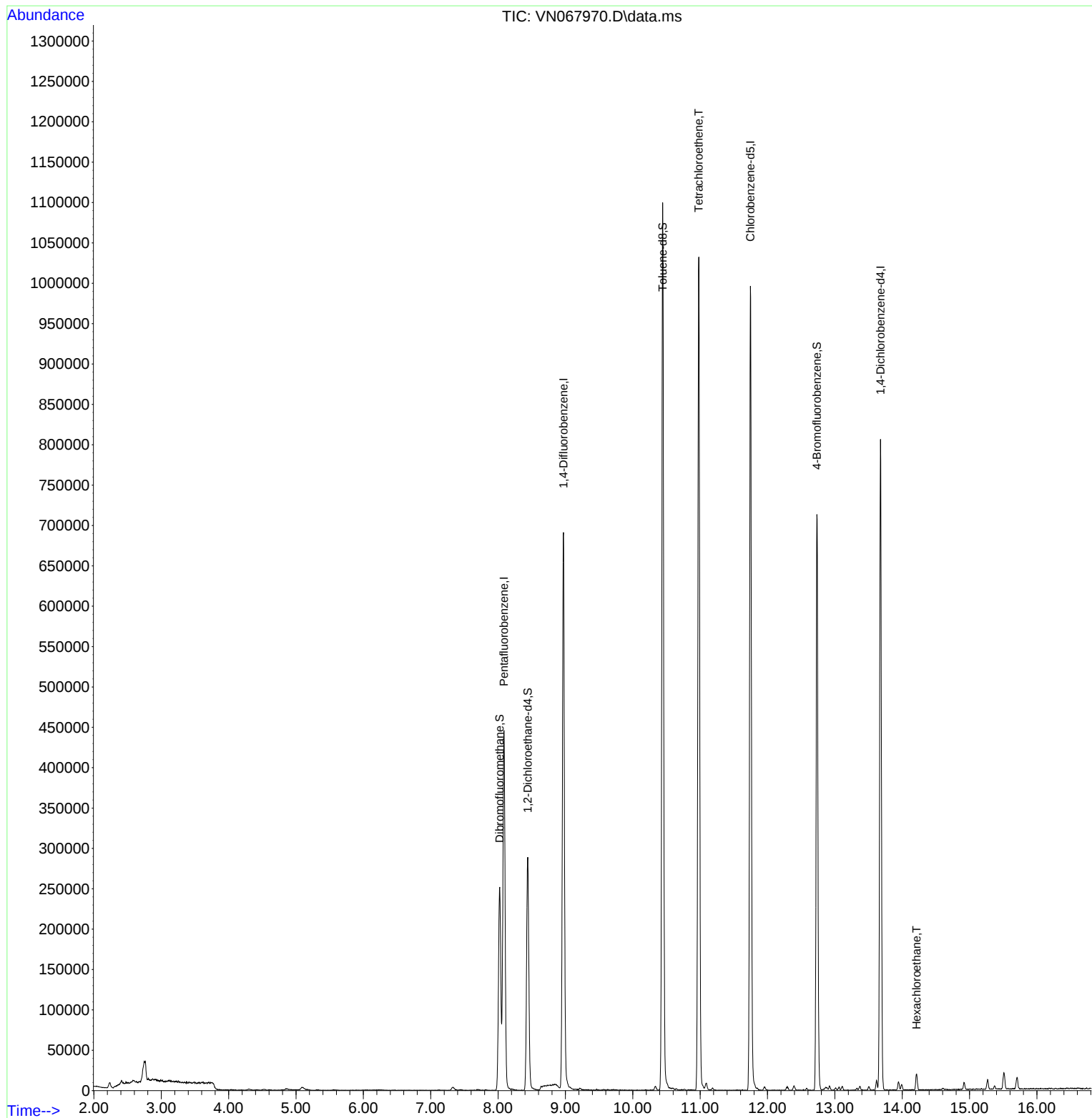
Internal Standards						
1) Pentafluorobenzene	8.088	168	322097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	602978	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	587822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	208941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	249435	54.703	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	109.400%
35) Dibromofluoromethane	8.024	113	185077	52.668	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	105.340%
50) Toluene-d8	10.443	98	778830	48.176	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.360%
62) 4-Bromofluorobenzene	12.734	95	253354	43.409	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.820%
Target Compounds						
						Qvalue
64) Tetrachloroethene	10.980	164	221721	52.665	ug/l	97
90) Hexachloroethane	14.211	117	3691	1.688	ug/l	83

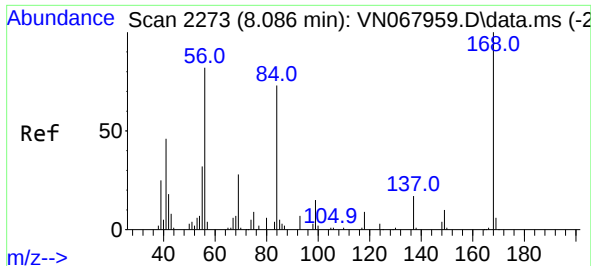
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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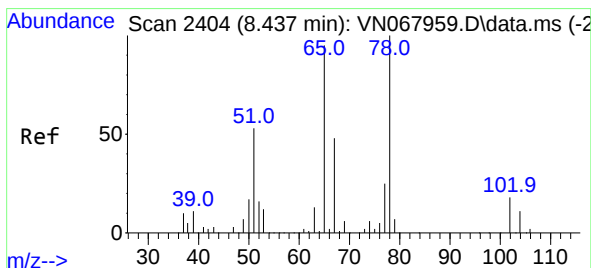
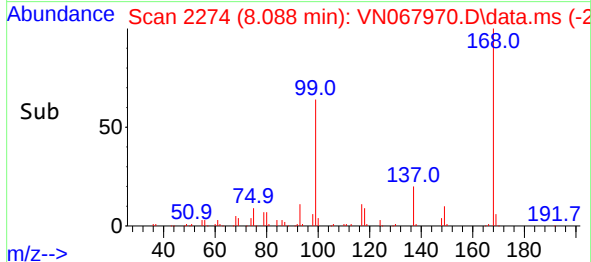
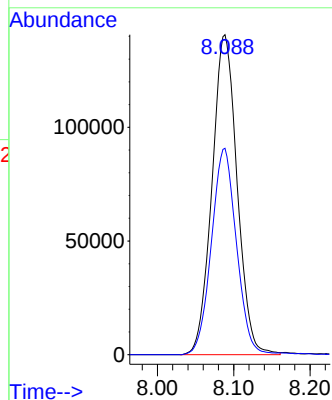
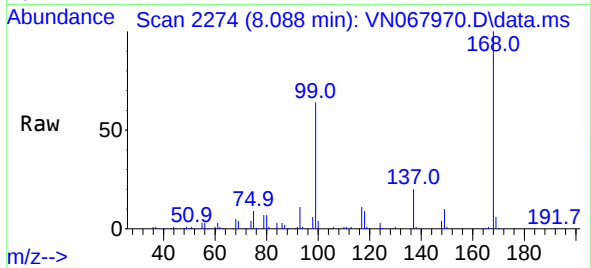




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067970.D
Acq: 29 Jul 2021 17:52

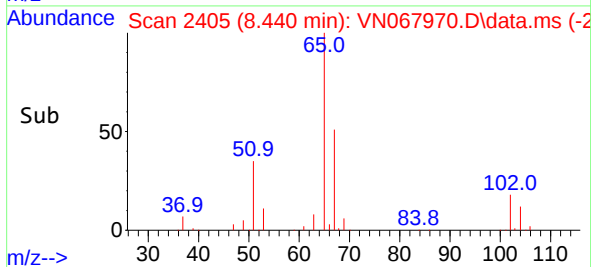
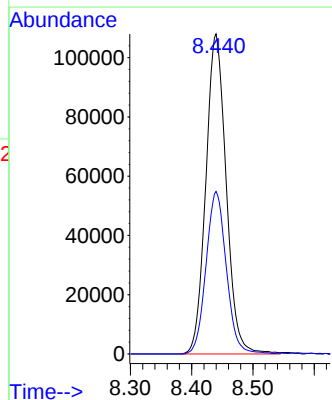
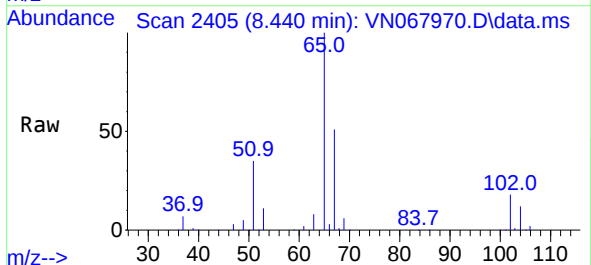
Instrument :
MSVOA_N
ClientSampleId :
152140-DDC-2-PDDL

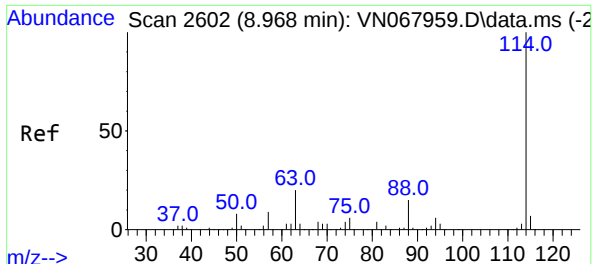
Tgt Ion:168 Resp: 322097
Ion Ratio Lower Upper
168 100
99 64.5 62.9 94.3



#33
1,2-Dichloroethane-d4
Concen: 54.703 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN067970.D
Acq: 29 Jul 2021 17:52

Tgt Ion: 65 Resp: 249435
Ion Ratio Lower Upper
65 100
67 50.6 0.0 98.6

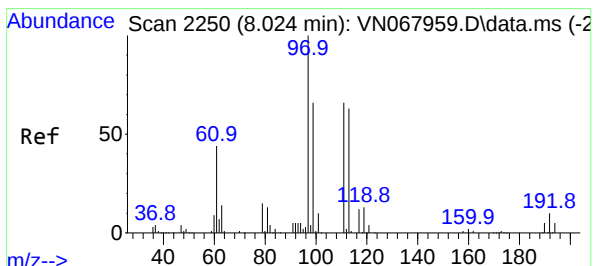
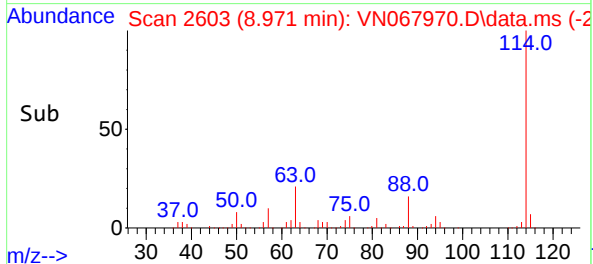
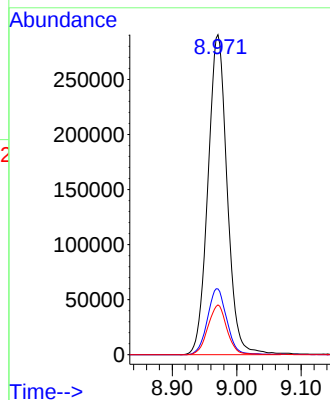
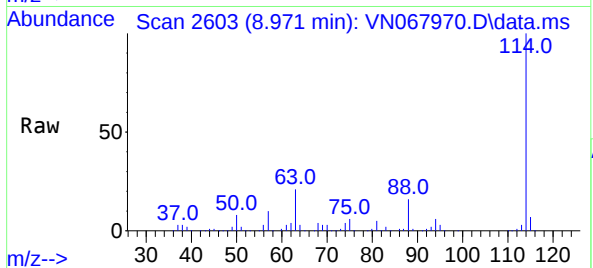




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067970.D
Acq: 29 Jul 2021 17:52

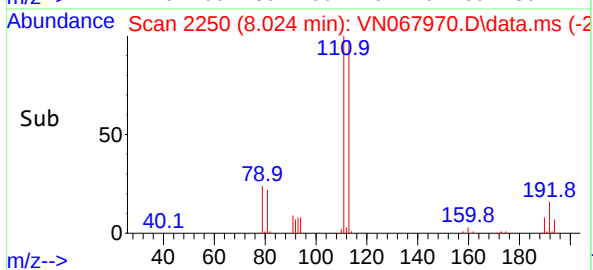
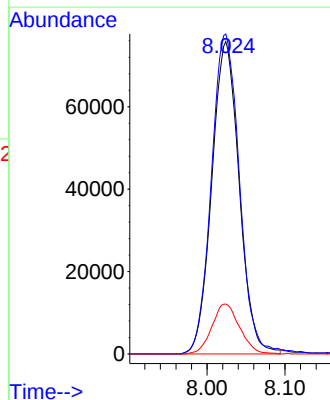
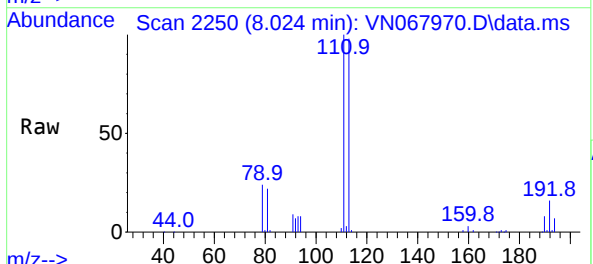
Instrument :
MSVOA_N
ClientSampleId :
152140-DDC-2-PDDL

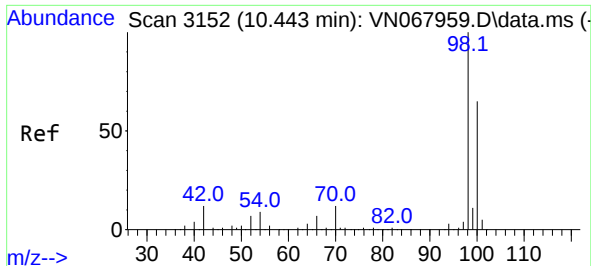
Tgt Ion:114 Resp: 602978
Ion Ratio Lower Upper
114 100
63 20.6 0.0 49.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 52.668 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN067970.D
Acq: 29 Jul 2021 17:52

Tgt Ion:113 Resp: 185077
Ion Ratio Lower Upper
113 100
111 104.8 83.8 125.8
192 16.2 13.4 20.0

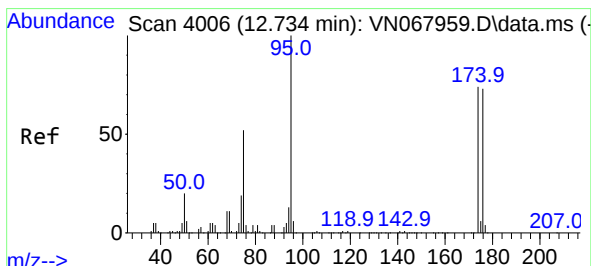
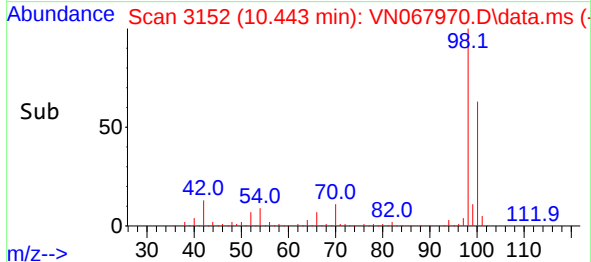
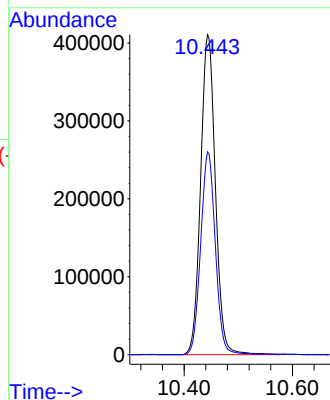
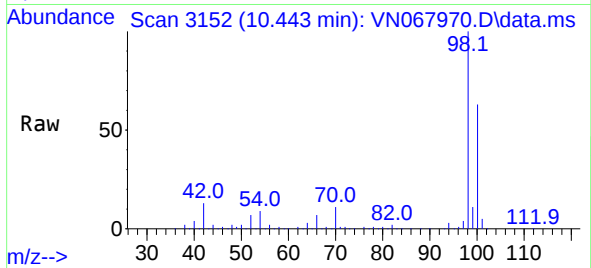




#50
Toluene-d8
Concen: 48.176 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067970.D
Acq: 29 Jul 2021 17:52

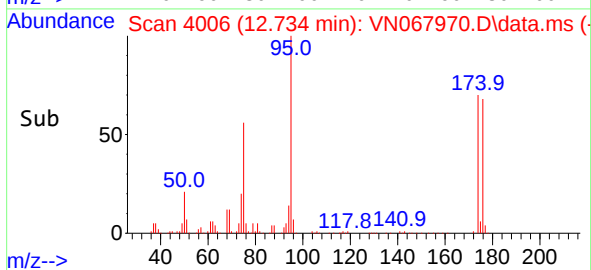
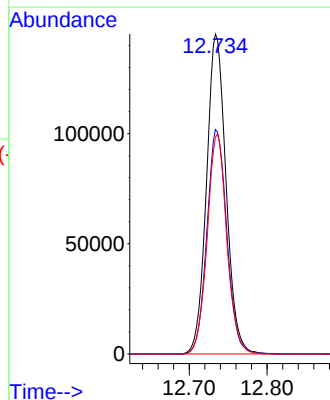
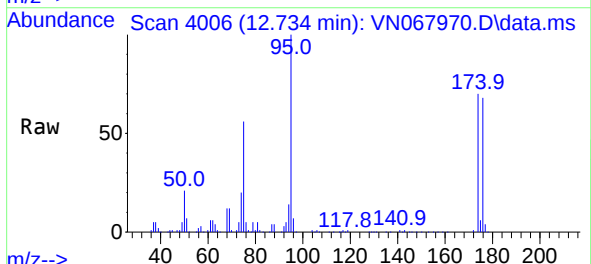
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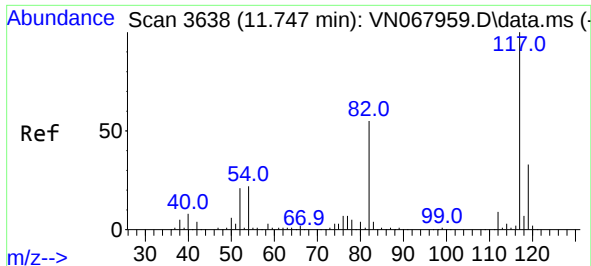
Tgt Ion: 98 Resp: 778830
Ion Ratio Lower Upper
98 100
100 62.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 43.409 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN067970.D
Acq: 29 Jul 2021 17:52

Tgt Ion: 95 Resp: 253354
Ion Ratio Lower Upper
95 100
174 71.8 0.0 122.0
176 68.6 0.0 117.6

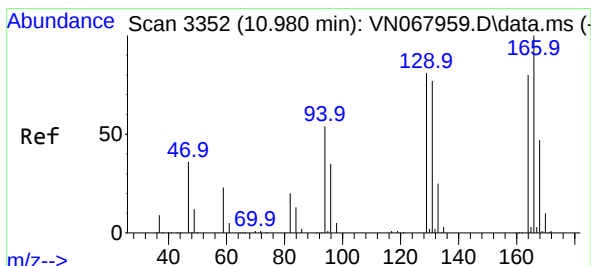
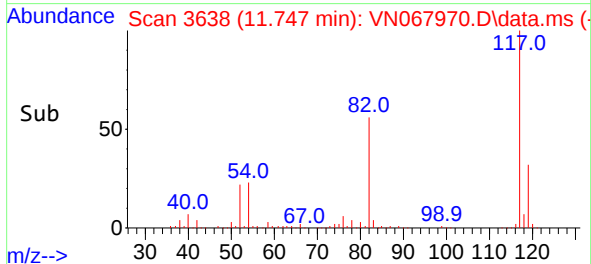
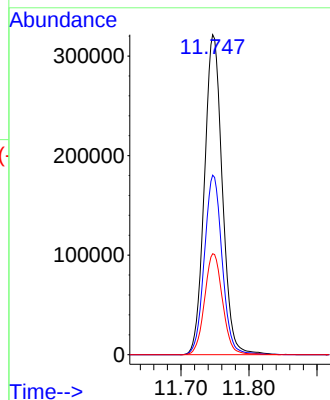
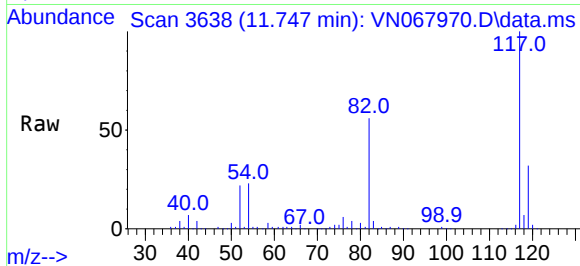




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067970.D
Acq: 29 Jul 2021 17:52

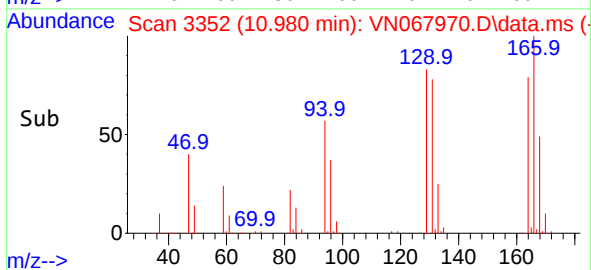
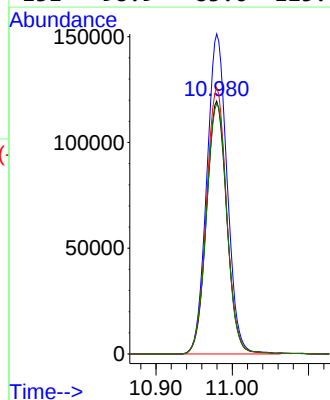
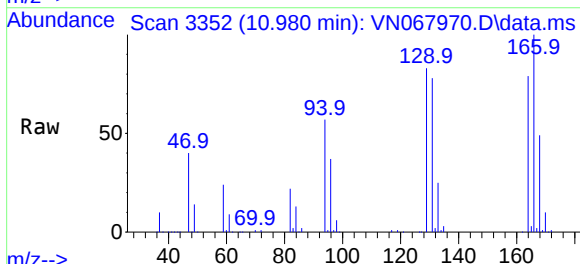
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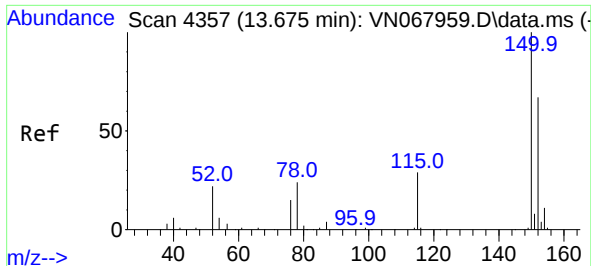
Tgt Ion:117 Resp: 587822
Ion Ratio Lower Upper
117 100
82 56.1 53.1 79.7
119 31.5 25.5 38.3



#64
Tetrachloroethene
Concen: 52.665 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. -0.000 min
Lab File: VN067970.D
Acq: 29 Jul 2021 17:52

Tgt Ion:164 Resp: 221721
Ion Ratio Lower Upper
164 100
166 126.5 102.1 153.1
129 105.3 86.9 130.3
131 98.9 83.6 125.4

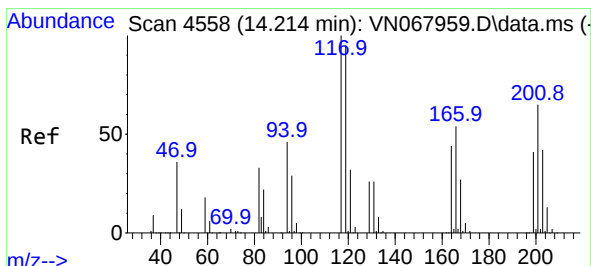
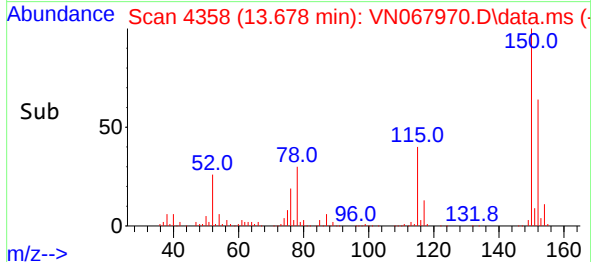
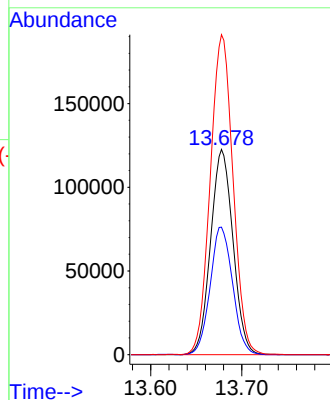
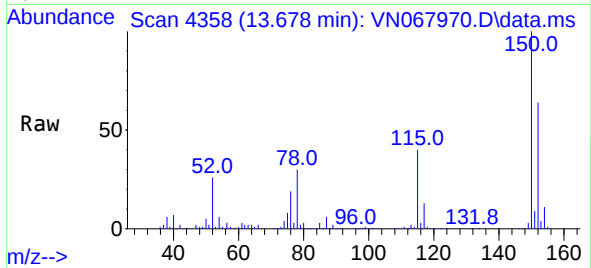




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067970.D
Acq: 29 Jul 2021 17:52

Instrument :
MSVOA_N
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152140-DDC-2-PDDL

Tgt Ion:152 Resp: 208941
Ion Ratio Lower Upper
152 100
115 62.3 36.1 108.5
150 158.6 0.0 351.8



#90
Hexachloroethane
Concen: 1.688 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. -0.003 min
Lab File: VN067970.D
Acq: 29 Jul 2021 17:52

Tgt Ion:117 Resp: 3691
Ion Ratio Lower Upper
117 100
201 53.3 33.5 100.5

