

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032023\
 Data File : VN077063.D
 Acq On : 20 Mar 2023 13:04
 Operator : JC\MD
 Sample : 01904-05DL 2X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20230313DL

Quant Time: Mar 21 05:35:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

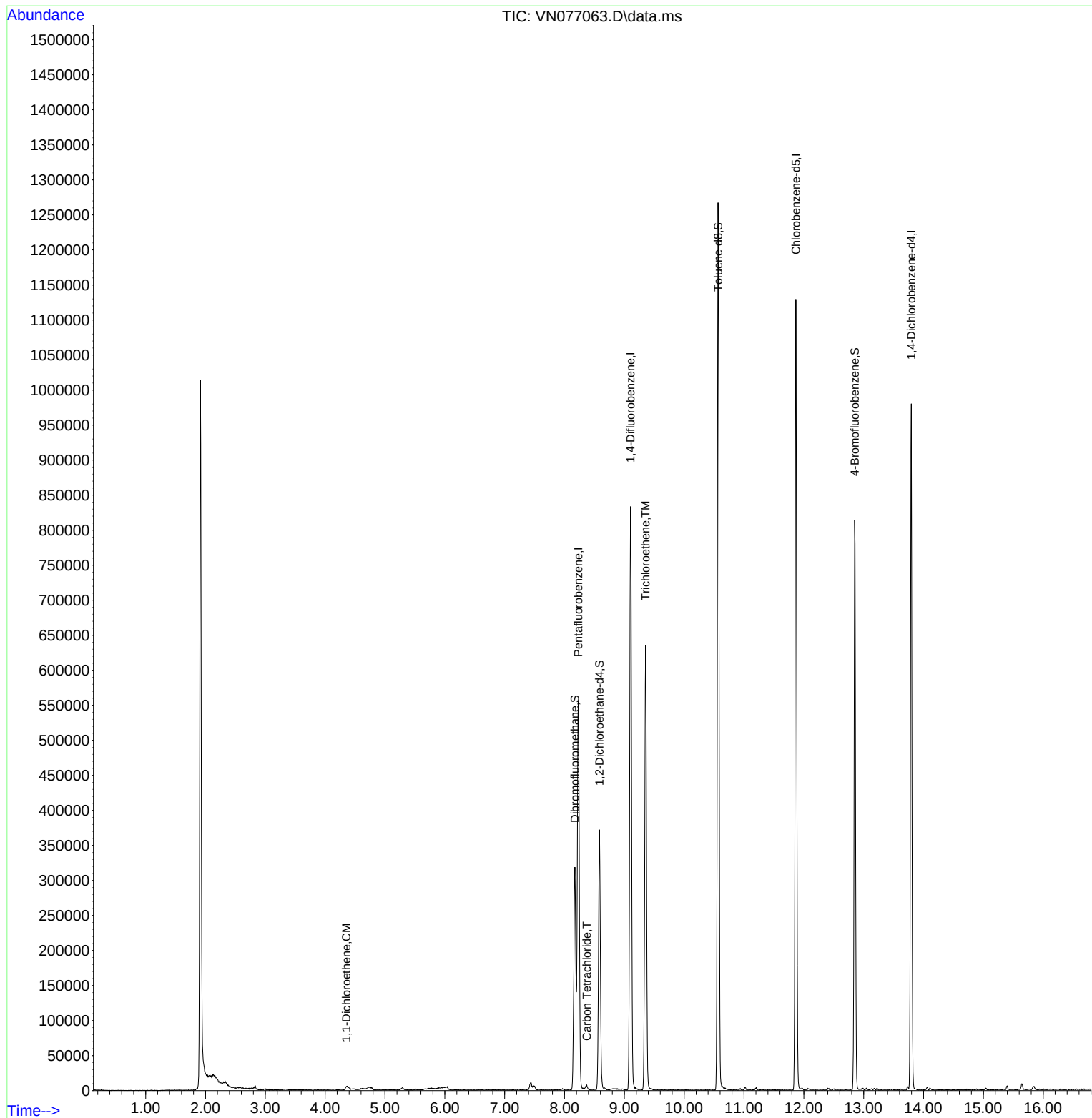
Internal Standards						
1) Pentafluorobenzene	8.232	168	397991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.103	114	722619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.867	117	640090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.797	152	254116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.585	65	297149	46.742	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.480%
35) Dibromofluoromethane	8.173	113	230869	45.621	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.240%
50) Toluene-d8	10.567	98	870645	48.163	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.320%
62) 4-Bromofluorobenzene	12.850	95	289801	45.368	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.740%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.356	96	2566	0.531	ug/l	94
38) Carbon Tetrachloride	8.373	117	4207	0.546	ug/l	90
44) Trichloroethene	9.356	130	228608	41.518	ug/l	96

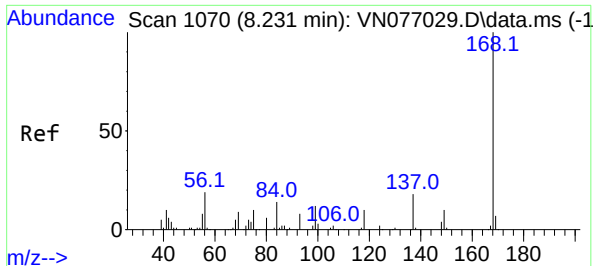
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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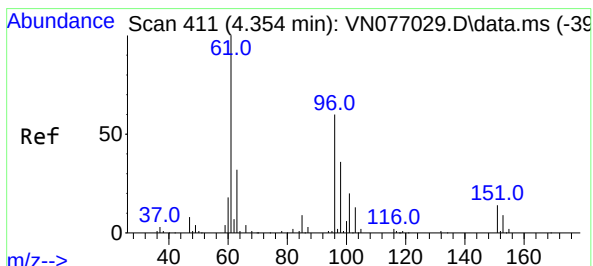
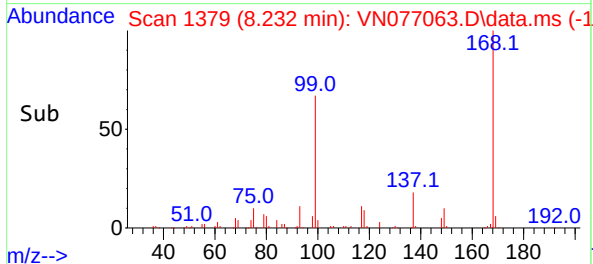
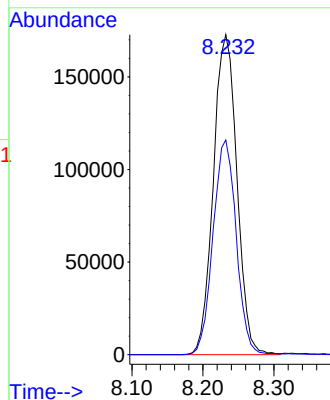
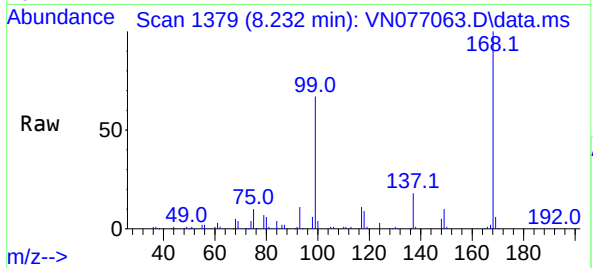




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.232 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN077063.D
Acq: 20 Mar 2023 13:04

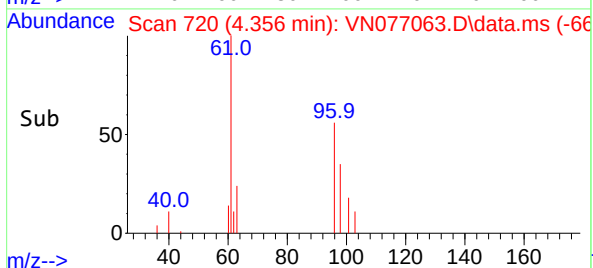
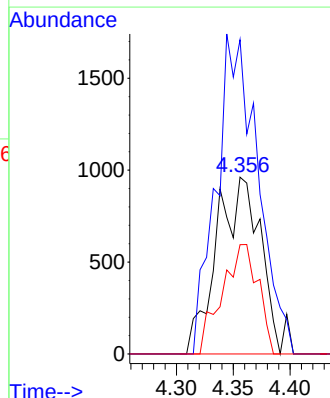
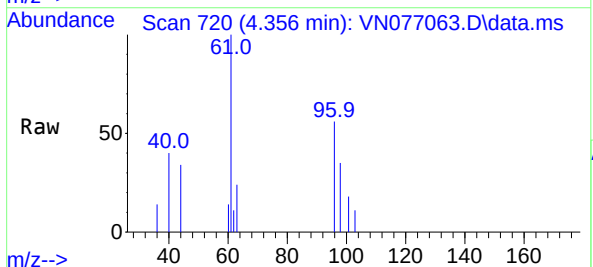
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RE117D1-20230313DL

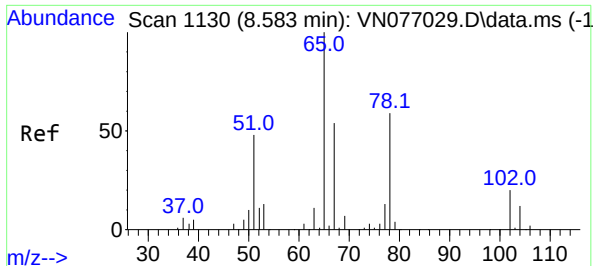
Tgt Ion:168 Resp: 397991
Ion Ratio Lower Upper
168 100
99 67.1 53.9 80.9



#12
1,1-Dichloroethene
Concen: 0.531 ug/l
RT: 4.356 min Scan# 720
Delta R.T. 0.002 min
Lab File: VN077063.D
Acq: 20 Mar 2023 13:04

Tgt Ion: 96 Resp: 2566
Ion Ratio Lower Upper
96 100
61 177.8 133.8 200.8
98 61.9 48.6 72.8

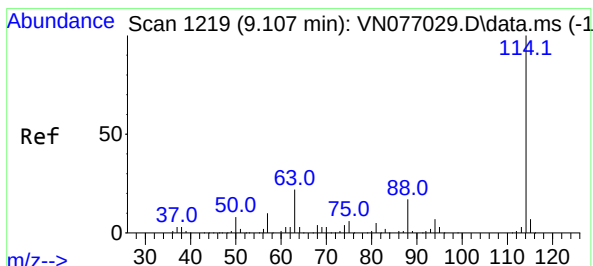
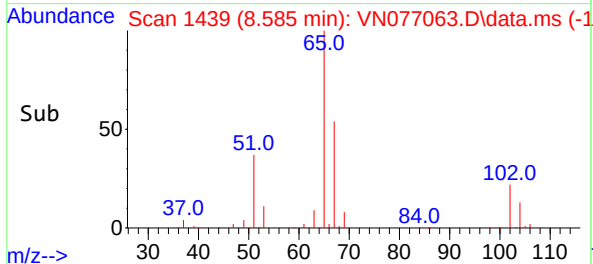
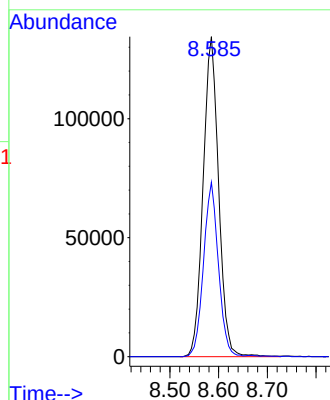
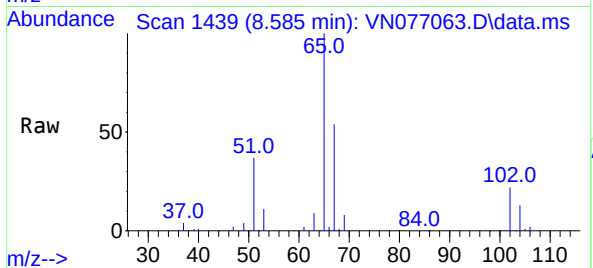




#33
 1,2-Dichloroethane-d4
 Concen: 46.742 ug/l
 RT: 8.585 min Scan# 14
 Delta R.T. 0.002 min
 Lab File: VN077063.D
 Acq: 20 Mar 2023 13:04

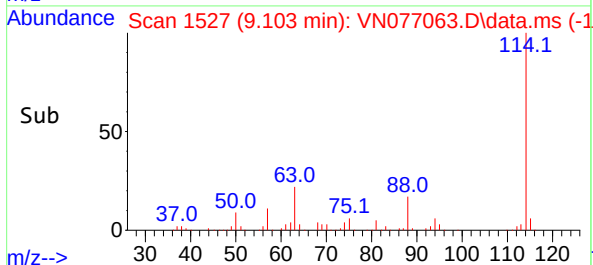
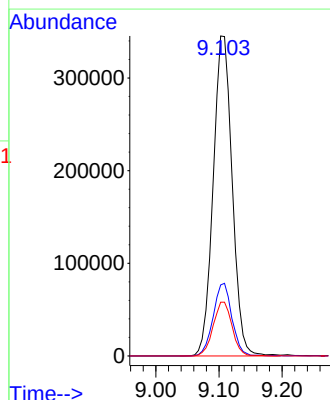
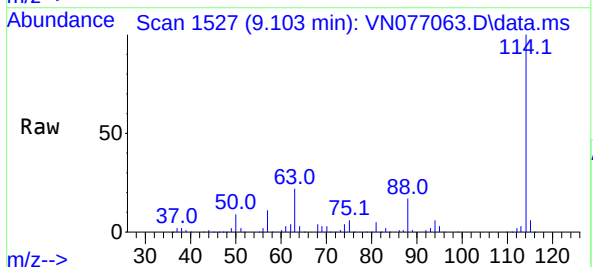
Instrument :
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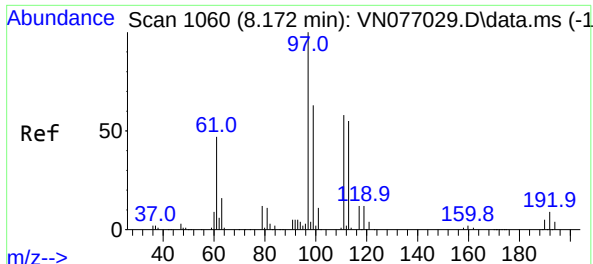
Tgt Ion: 65 Resp: 297149
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.103 min Scan# 1527
 Delta R.T. -0.004 min
 Lab File: VN077063.D
 Acq: 20 Mar 2023 13:04

Tgt Ion: 114 Resp: 722619
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 44.6
 88 16.8 0.0 33.8

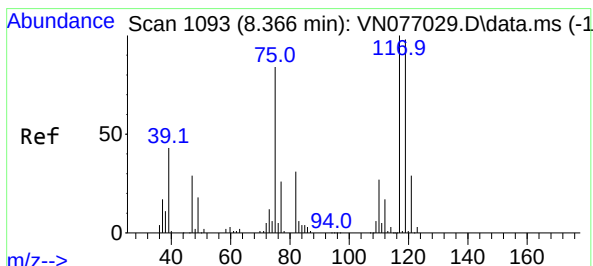
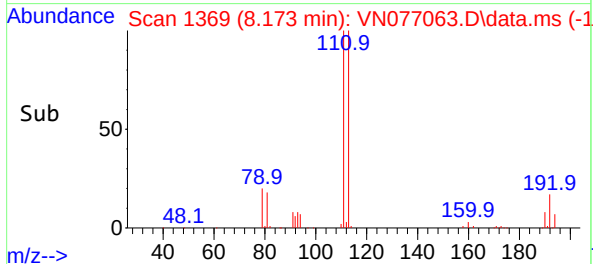
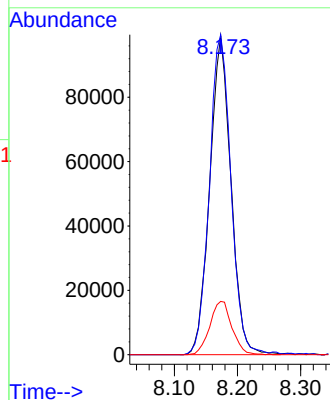
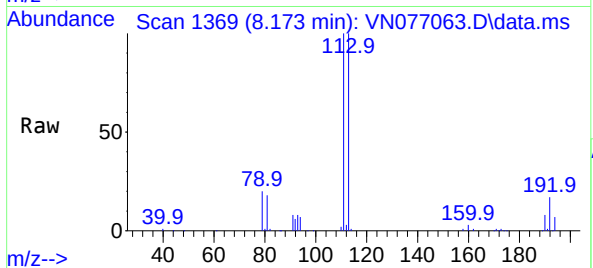




#35
Dibromofluoromethane
Concen: 45.621 ug/l
RT: 8.173 min Scan# 11
Delta R.T. 0.002 min
Lab File: VN077063.D
Acq: 20 Mar 2023 13:04

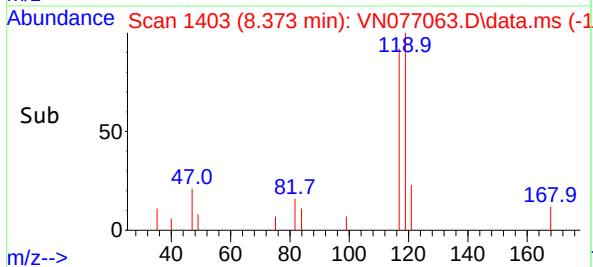
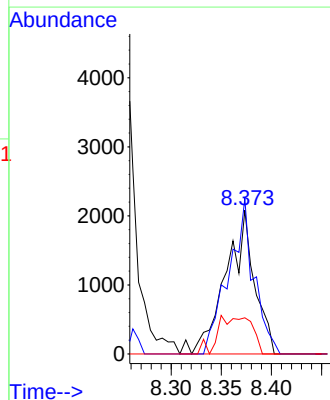
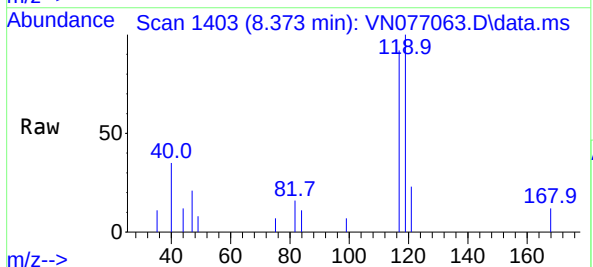
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MSVOA_N
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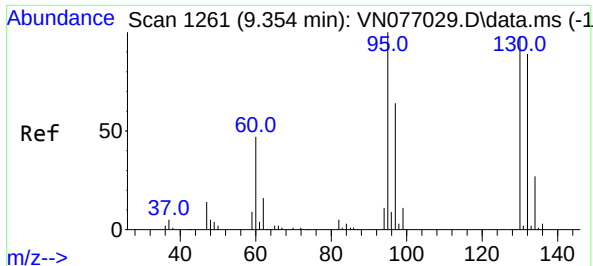
Tgt Ion:113 Resp: 230869
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 17.4 13.0 19.6



#38
Carbon Tetrachloride
Concen: 0.546 ug/l
RT: 8.373 min Scan# 1403
Delta R.T. 0.008 min
Lab File: VN077063.D
Acq: 20 Mar 2023 13:04

Tgt Ion:117 Resp: 4207
Ion Ratio Lower Upper
117 100
119 108.4 78.2 117.2
121 25.2 23.2 34.8

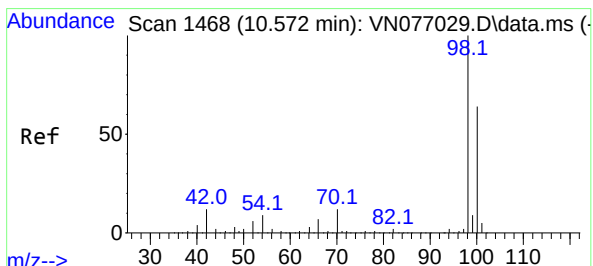
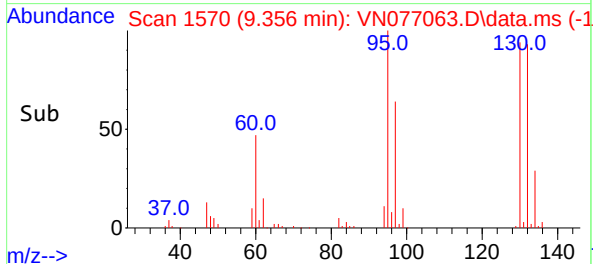
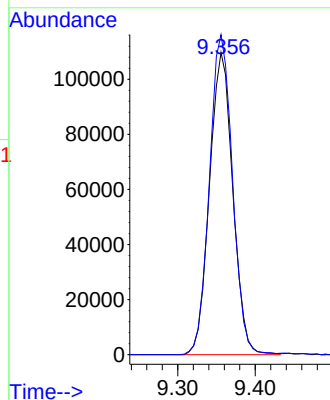
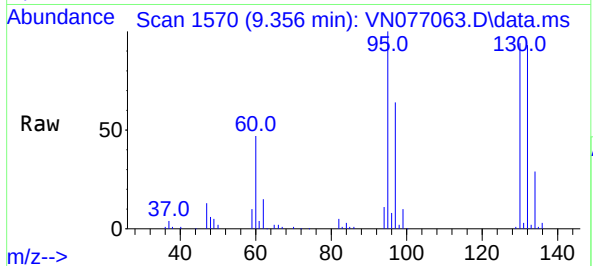




#44
Trichloroethene
Concen: 41.518 ug/l
RT: 9.356 min Scan# 11
Delta R.T. 0.002 min
Lab File: VN077063.D
Acq: 20 Mar 2023 13:04

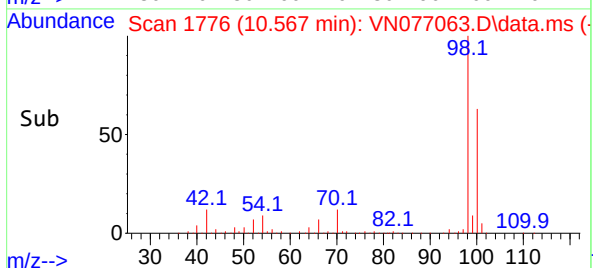
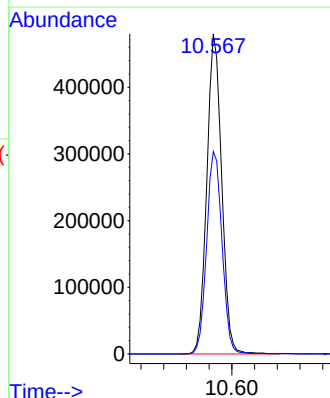
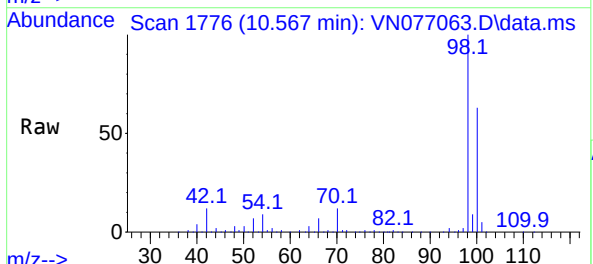
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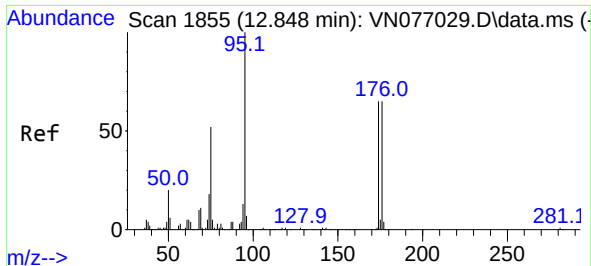
Tgt Ion:130 Resp: 228608
Ion Ratio Lower Upper
130 100
95 105.9 0.0 204.4



#50
Toluene-d8
Concen: 48.163 ug/l
RT: 10.567 min Scan# 1776
Delta R.T. -0.004 min
Lab File: VN077063.D
Acq: 20 Mar 2023 13:04

Tgt Ion: 98 Resp: 870645
Ion Ratio Lower Upper
98 100
100 65.5 51.6 77.4

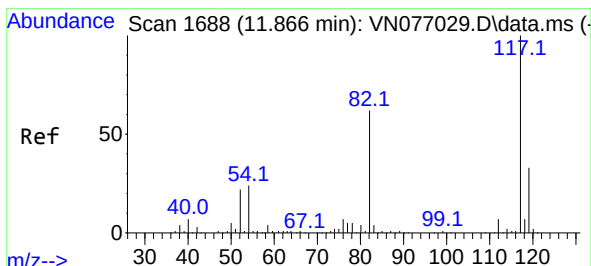
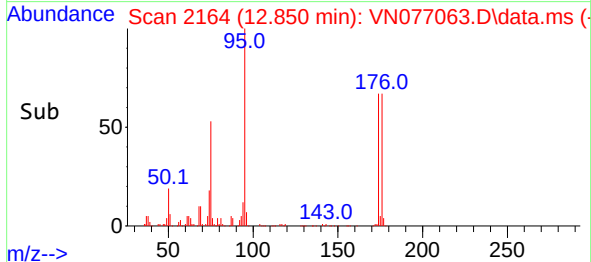
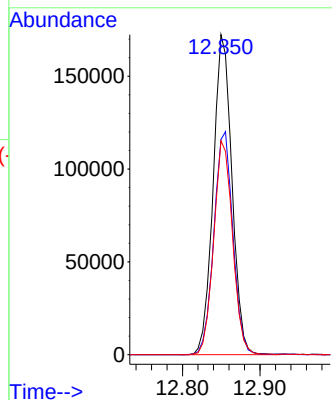
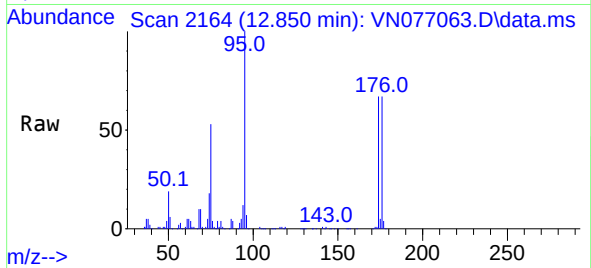




#62
4-Bromofluorobenzene
Concen: 45.368 ug/l
RT: 12.850 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN077063.D
Acq: 20 Mar 2023 13:04

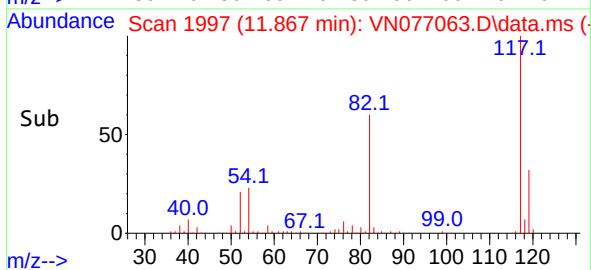
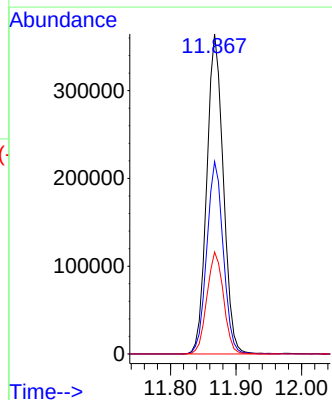
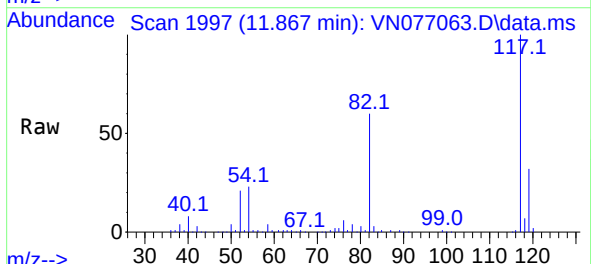
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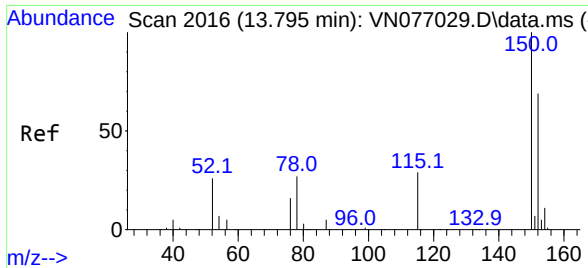
Tgt Ion: 95 Resp: 289801
Ion Ratio Lower Upper
95 100
174 70.6 0.0 136.6
176 67.1 0.0 130.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.867 min Scan# 1997
Delta R.T. 0.001 min
Lab File: VN077063.D
Acq: 20 Mar 2023 13:04

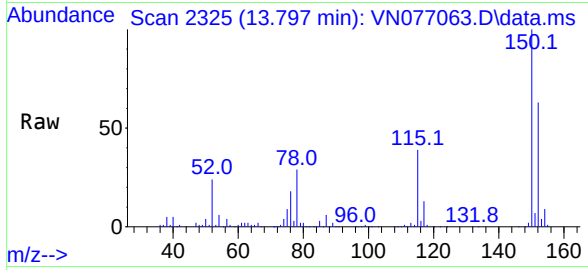
Tgt Ion: 117 Resp: 640090
Ion Ratio Lower Upper
117 100
82 60.1 49.4 74.0
119 31.9 26.5 39.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.797 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN077063.D
Acq: 20 Mar 2023 13:04

Instrument :
MSVOA_N
ClientSampleId :
RE117D1-20230313DL



Tgt Ion:152 Resp: 254116
Ion Ratio Lower Upper
152 100
115 62.8 31.9 95.7
150 156.5 0.0 348.0

