

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013023\
 Data File : VN076463.D
 Acq On : 30 Jan 2023 17:41
 Operator : JC\MD
 Sample : 01318-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DR-1-012523

Quant Time: Jan 31 00:43:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

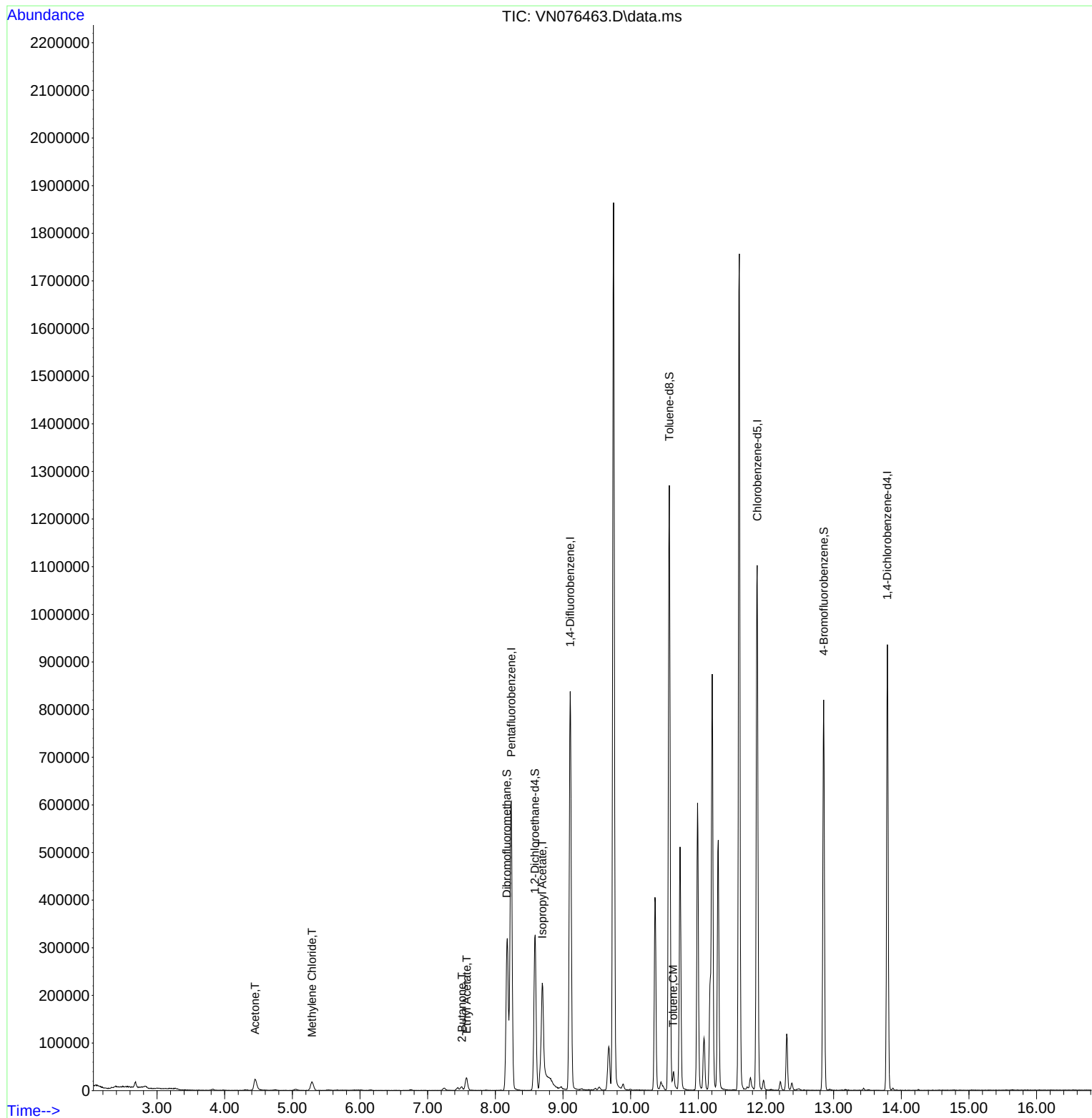
Internal Standards						
1) Pentafluorobenzene	8.235	168	451659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	752047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	658220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	252201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	275757	54.528	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.060%	
35) Dibromofluoromethane	8.171	113	232670	49.458	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.920%	
50) Toluene-d8	10.570	98	884615	50.917	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.840%	
62) 4-Bromofluorobenzene	12.853	95	271196	47.815	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.640%	
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	47433	29.194	ug/l	99
20) Methylene Chloride	5.288	84	14759	2.504	ug/l #	87
25) 2-Butanone	7.506	43	13065	5.277	ug/l	91
37) Ethyl Acetate	7.577	43	39401	7.380	ug/l	97
43) Isopropyl Acetate	8.694	43	290419	33.295	ug/l #	77
52) Toluene	10.629	92	15185	1.136	ug/l	100

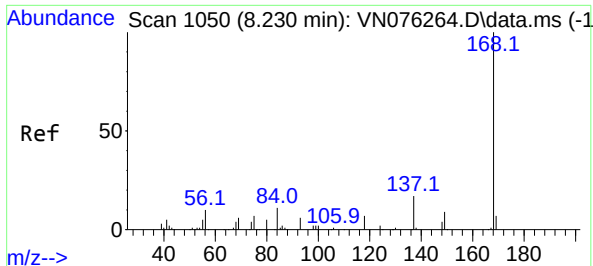
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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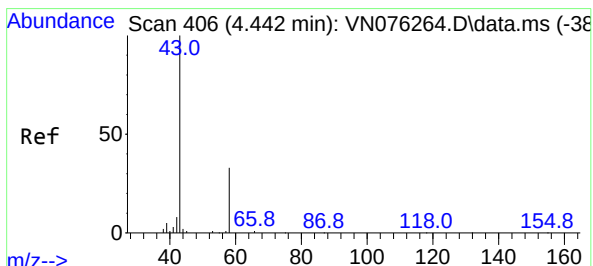
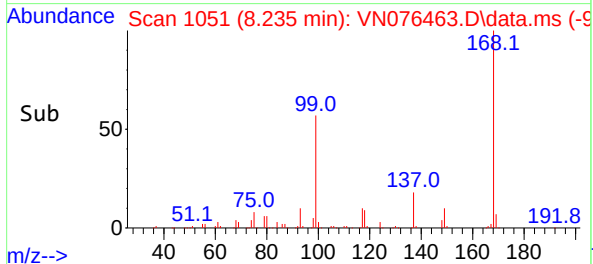
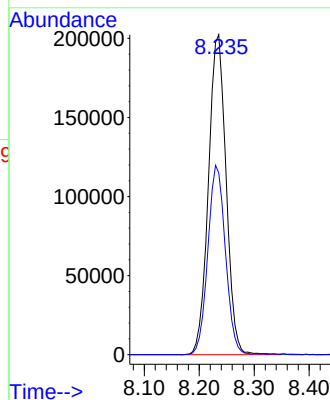
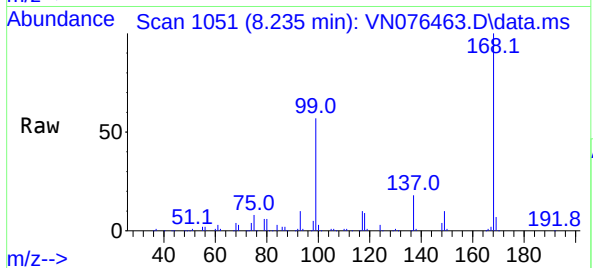




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. 0.005 min
Lab File: VN076463.D
Acq: 30 Jan 2023 17:41

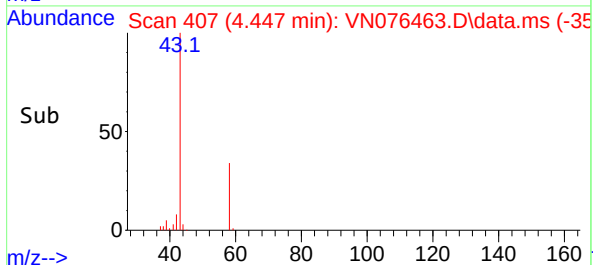
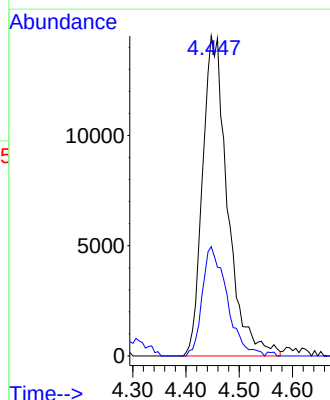
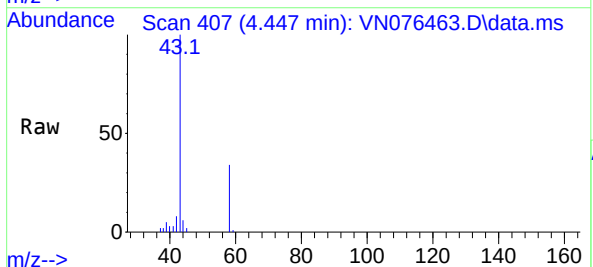
Instrument :
MSVOA_N
ClientSampleId :
DR-1-012523

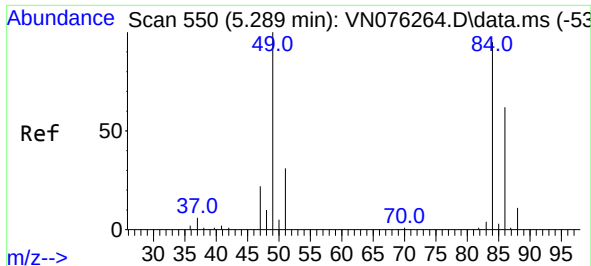
Tgt Ion:168 Resp: 451659
Ion Ratio Lower Upper
168 100
99 56.8 41.6 62.4



#16
Acetone
Concen: 29.194 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.005 min
Lab File: VN076463.D
Acq: 30 Jan 2023 17:41

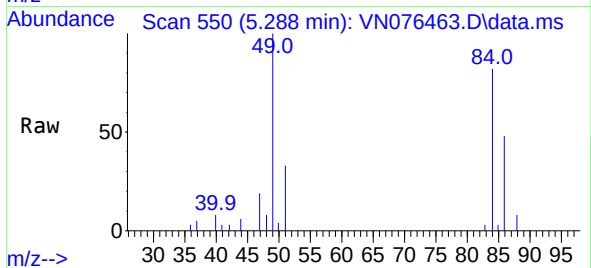
Tgt Ion: 43 Resp: 47433
Ion Ratio Lower Upper
43 100
58 34.2 26.7 40.1





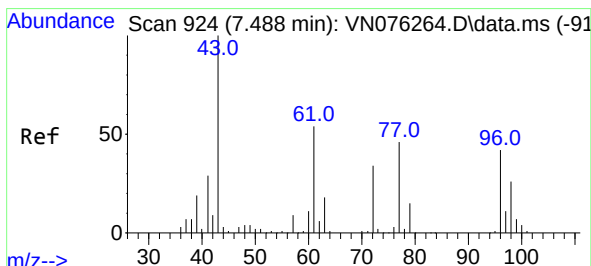
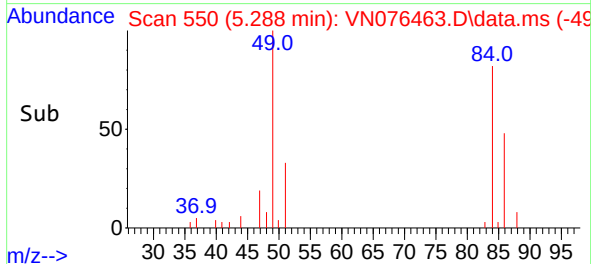
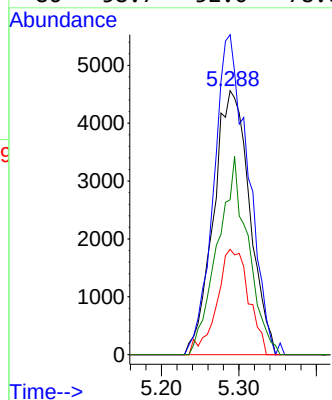
#20
Methylene Chloride
Concen: 2.504 ug/l
RT: 5.288 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN076463.D
Acq: 30 Jan 2023 17:41

Instrument :
MSVOA_N
ClientSampleId :
DR-1-012523



Tgt Ion: 84 Resp: 14759

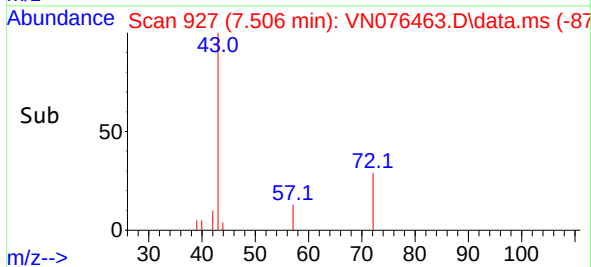
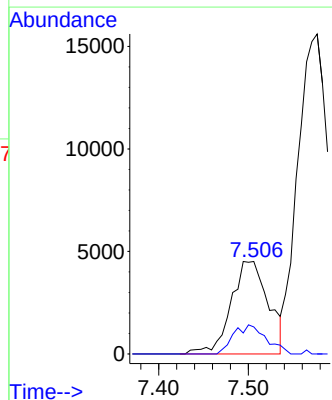
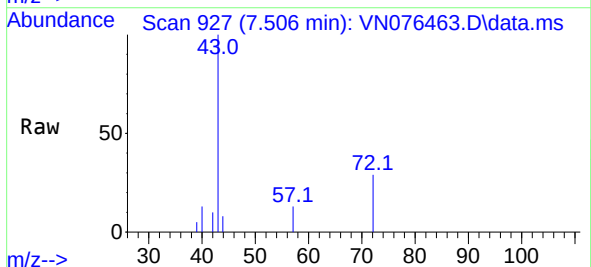
Ion	Ratio	Lower	Upper
84	100		
49	121.2	84.5	126.7
51	39.9	26.0	39.0#
86	58.7	52.0	78.0

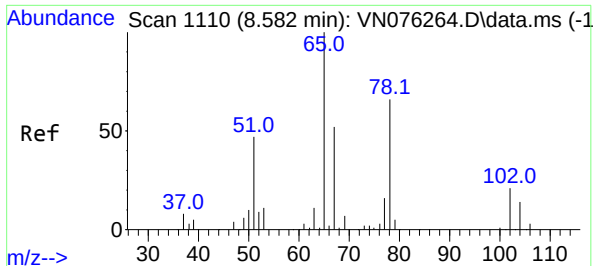


#25
2-Butanone
Concen: 5.277 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.018 min
Lab File: VN076463.D
Acq: 30 Jan 2023 17:41

Tgt Ion: 43 Resp: 13065

Ion	Ratio	Lower	Upper
43	100		
72	29.3	27.4	41.2

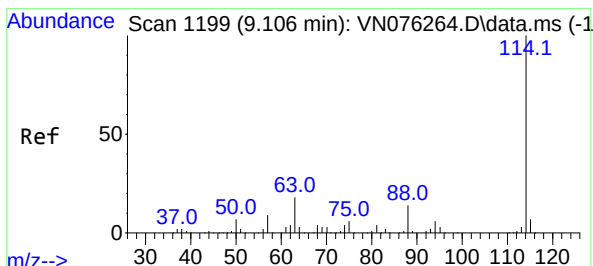
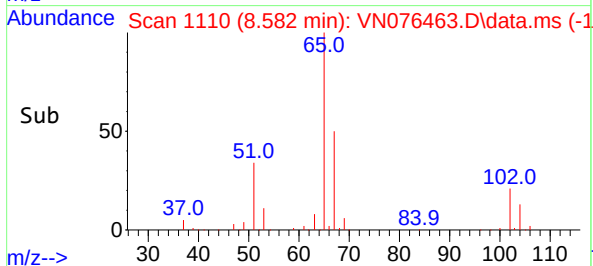
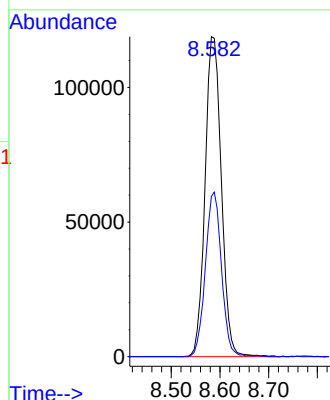
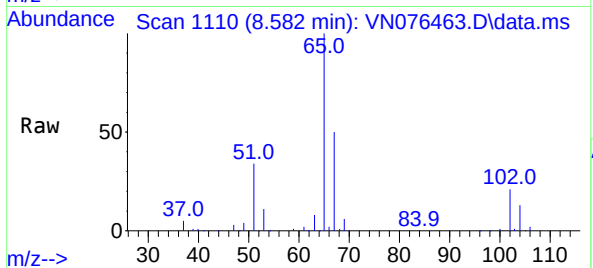




#33
1,2-Dichloroethane-d4
Concen: 54.528 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076463.D
Acq: 30 Jan 2023 17:41

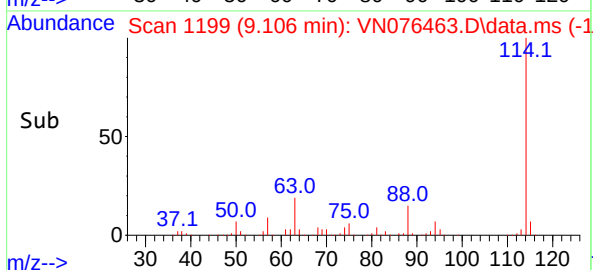
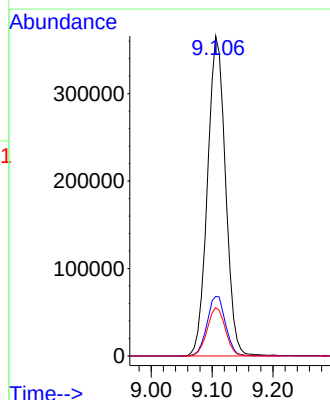
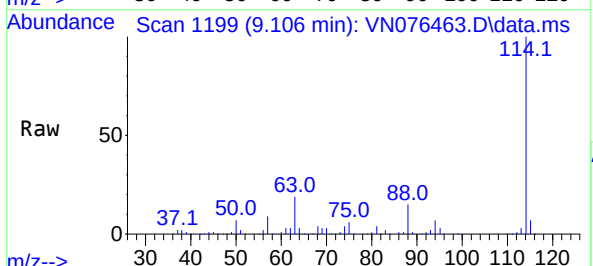
Instrument :
MSVOA_N
ClientSampleId :
DR-1-012523

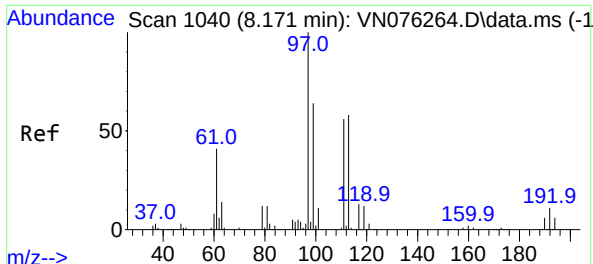
Tgt Ion: 65 Resp: 275757
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN076463.D
Acq: 30 Jan 2023 17:41

Tgt Ion: 114 Resp: 752047
Ion Ratio Lower Upper
114 100
63 18.6 0.0 35.8
88 15.1 0.0 28.0

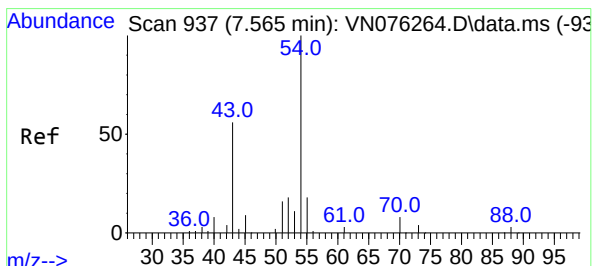
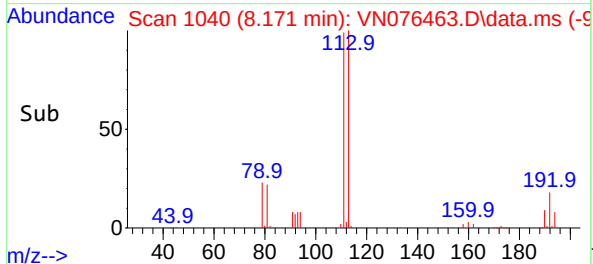
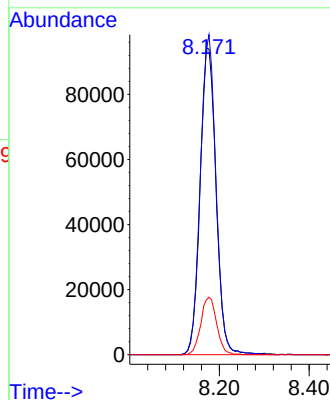
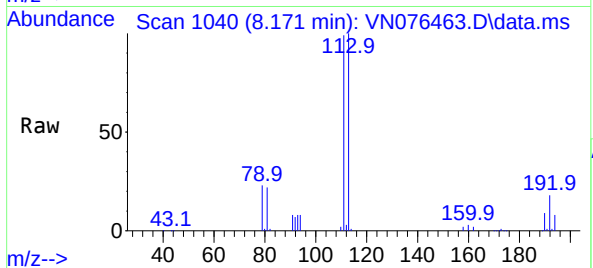




#35
Dibromofluoromethane
Concen: 49.458 ug/l
RT: 8.171 min Scan# 113
Delta R.T. -0.000 min
Lab File: VN076463.D
Acq: 30 Jan 2023 17:41

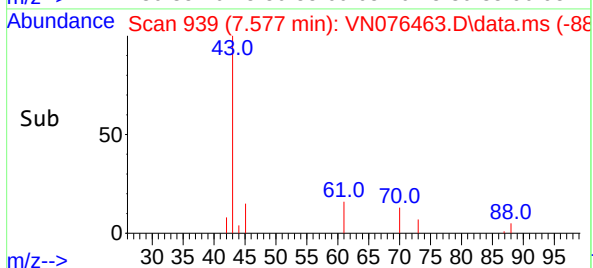
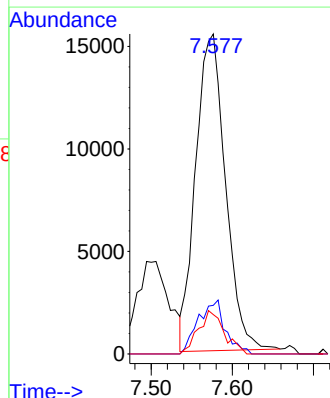
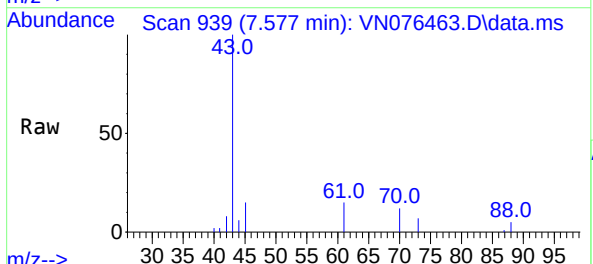
Instrument :
MSVOA_N
ClientSampleId :
DR-1-012523

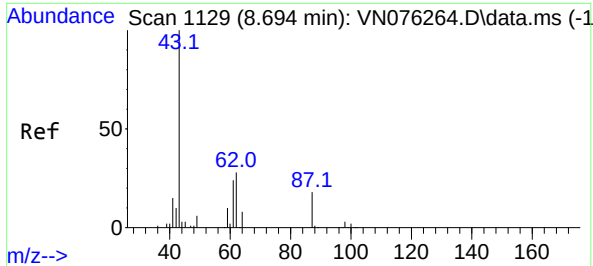
Tgt Ion:113 Resp: 232670
Ion Ratio Lower Upper
113 100
111 102.6 82.7 124.1
192 18.6 15.6 23.4



#37
Ethyl Acetate
Concen: 7.380 ug/l
RT: 7.577 min Scan# 939
Delta R.T. 0.012 min
Lab File: VN076463.D
Acq: 30 Jan 2023 17:41

Tgt Ion: 43 Resp: 39401
Ion Ratio Lower Upper
43 100
61 15.4 11.1 16.7
70 11.8 10.0 15.0

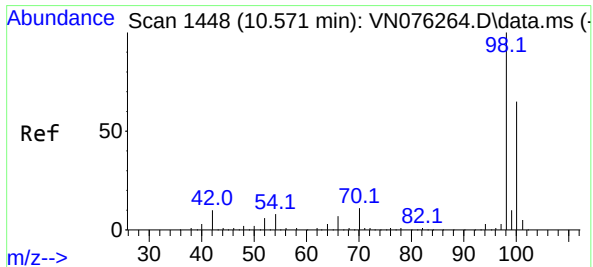
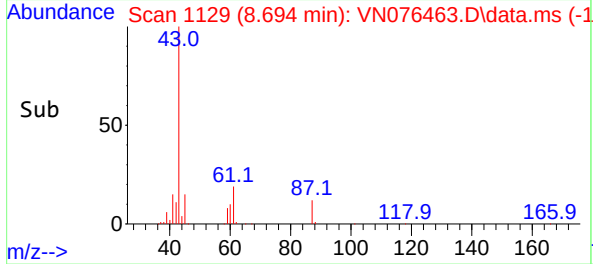
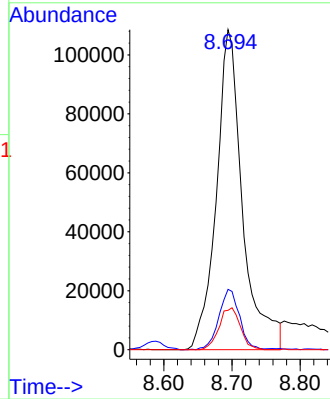
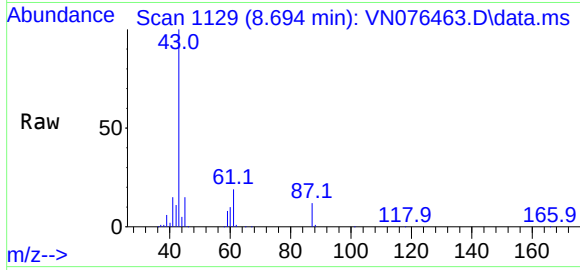




#43
Isopropyl Acetate
Concen: 33.295 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076463.D
Acq: 30 Jan 2023 17:41

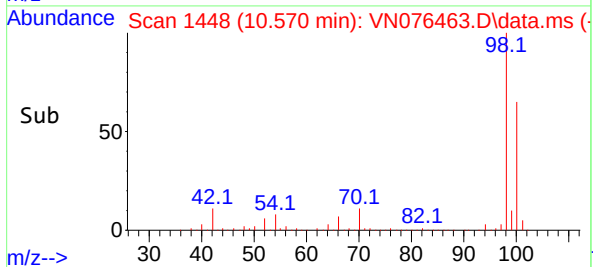
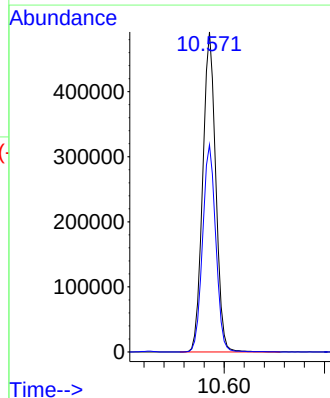
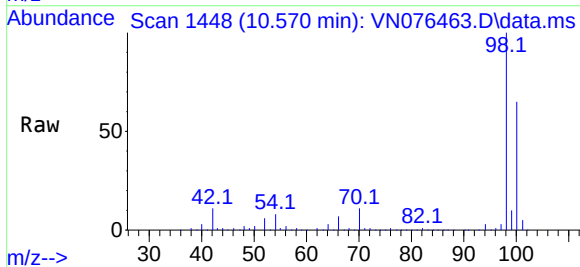
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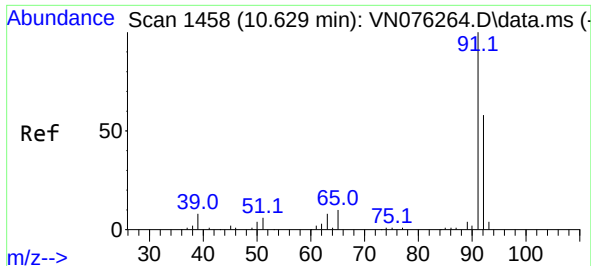
Tgt Ion: 43 Resp: 290419
Ion Ratio Lower Upper
43 100
61 14.8 23.5 35.3#
87 10.6 13.8 20.6#



#50
Toluene-d8
Concen: 50.917 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.001 min
Lab File: VN076463.D
Acq: 30 Jan 2023 17:41

Tgt Ion: 98 Resp: 884615
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4

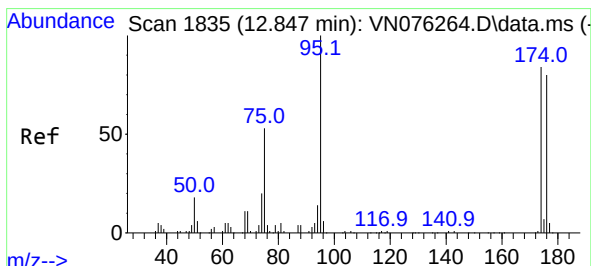
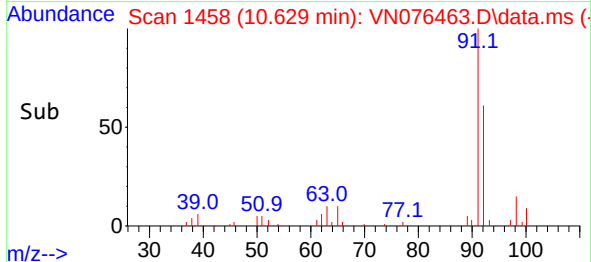
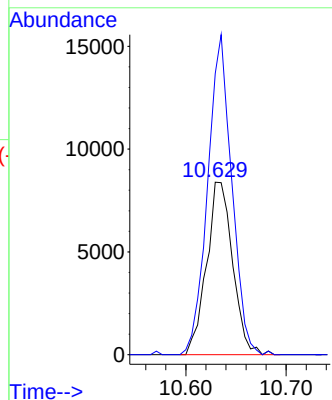
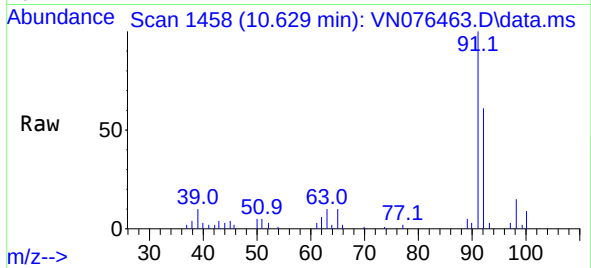




#52
Toluene
Concen: 1.136 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN076463.D
Acq: 30 Jan 2023 17:41

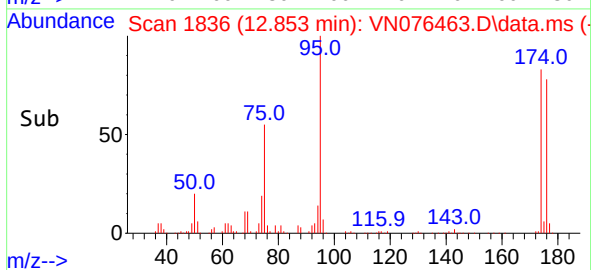
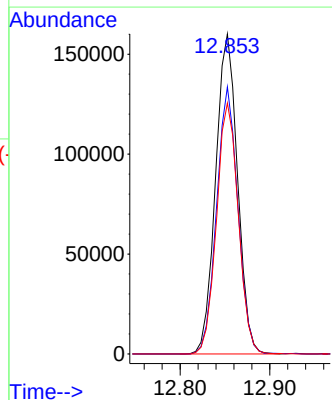
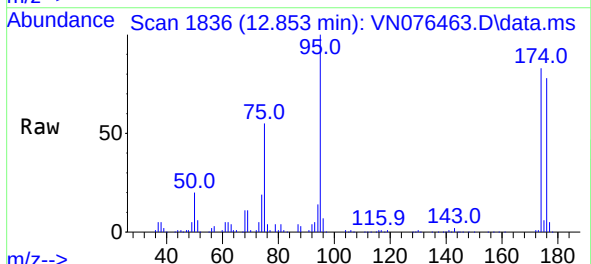
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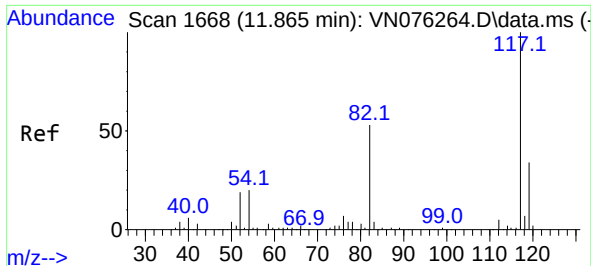
Tgt Ion: 92 Resp: 15185
Ion Ratio Lower Upper
92 100
91 171.4 136.6 205.0



#62
4-Bromofluorobenzene
Concen: 47.815 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076463.D
Acq: 30 Jan 2023 17:41

Tgt Ion: 95 Resp: 271196
Ion Ratio Lower Upper
95 100
174 81.3 0.0 174.6
176 77.8 0.0 167.8

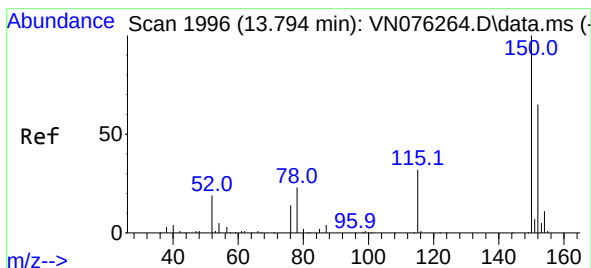
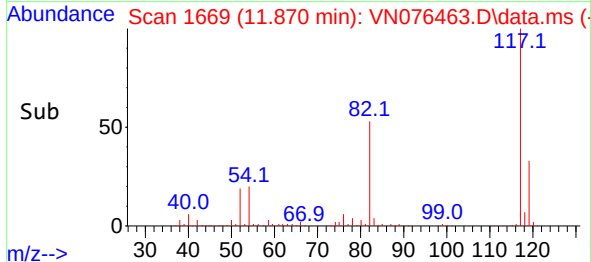
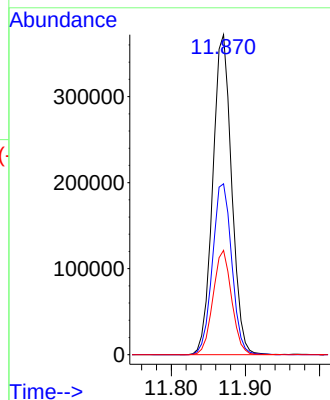
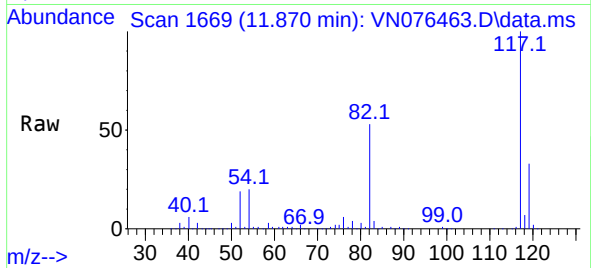




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN076463.D
Acq: 30 Jan 2023 17:41

Instrument :
MSVOA_N
ClientSampleId :
DR-1-012523

Tgt Ion:117 Resp: 658220
Ion Ratio Lower Upper
117 100
82 53.4 42.2 63.2
119 32.6 26.9 40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076463.D
Acq: 30 Jan 2023 17:41

Tgt Ion:152 Resp: 252201
Ion Ratio Lower Upper
152 100
115 59.9 29.6 88.9
150 155.9 0.0 351.4

