

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050323\
 Data File : VN077556.D
 Acq On : 03 May 2023 12:30
 Operator : JC\MD
 Sample : PB152533ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152533ZHE#01

Quant Time: May 04 04:44:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

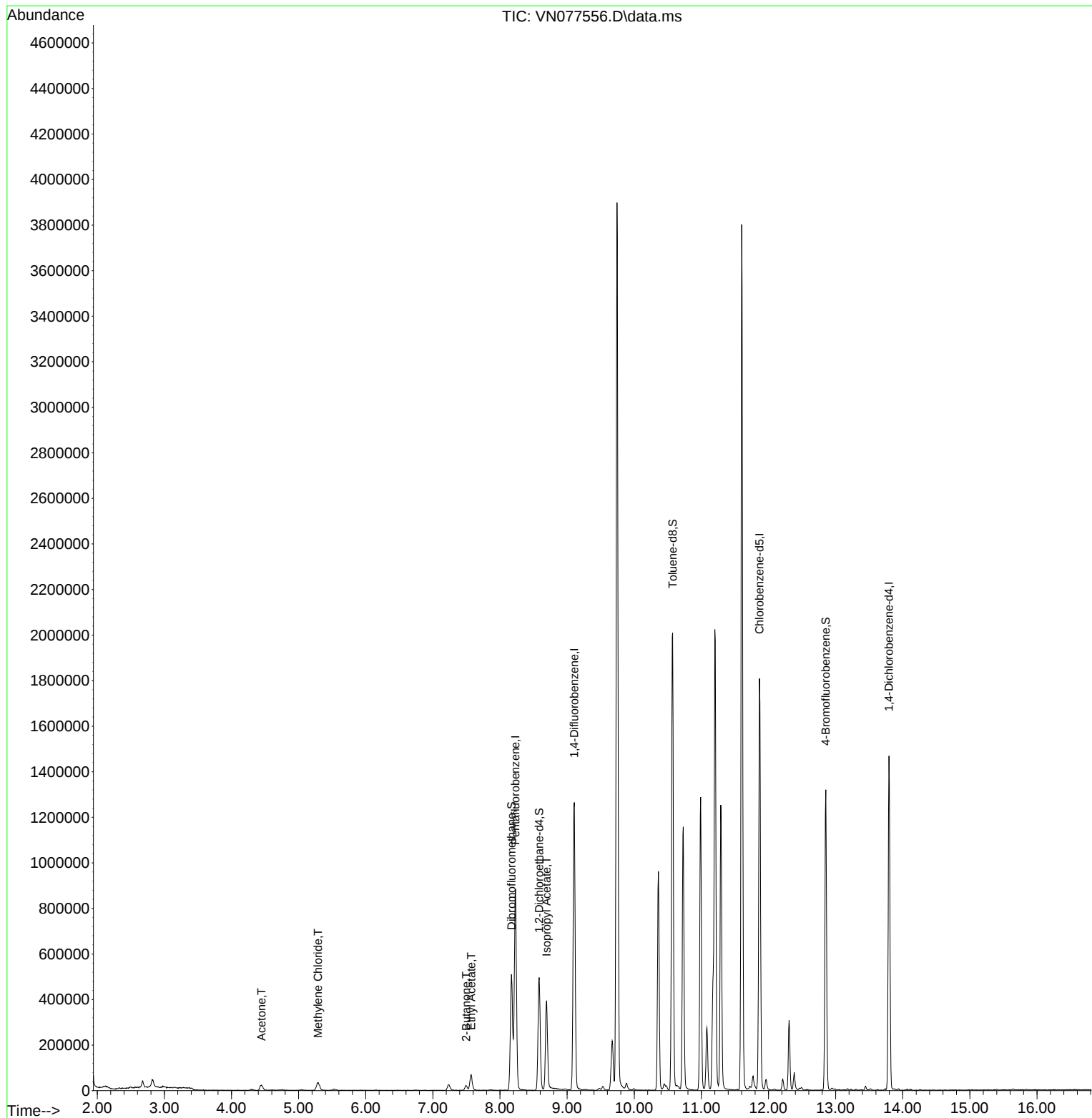
Internal Standards						
1) Pentafluorobenzene	8.231	168	620351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1185477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1124930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	409236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	410037	50.654	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.300%
35) Dibromofluoromethane	8.172	113	366347	51.416	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.840%
50) Toluene-d8	10.572	98	1504948	55.110	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.220%
62) 4-Bromofluorobenzene	12.854	95	478769	53.586	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.180%
Target Compounds						
						Qvalue
16) Acetone	4.448	43	45077	17.504	ug/l	94
20) Methylene Chloride	5.290	84	31288	3.831	ug/l	94
25) 2-Butanone	7.495	43	30871	8.452	ug/l	98
37) Ethyl Acetate	7.572	43	97575	12.474	ug/l	97
43) Isopropyl Acetate	8.695	43	431110	31.858	ug/l #	91

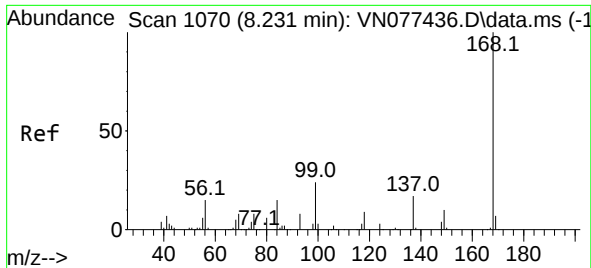
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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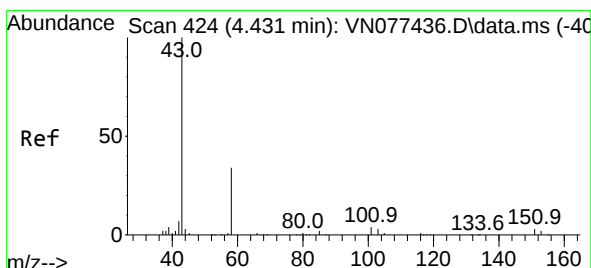
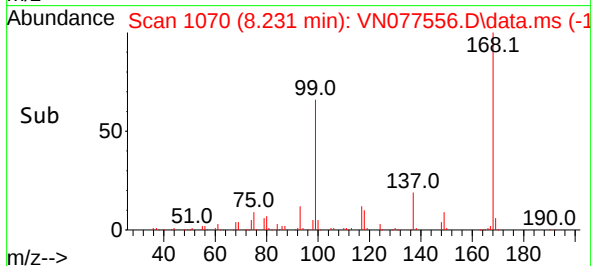
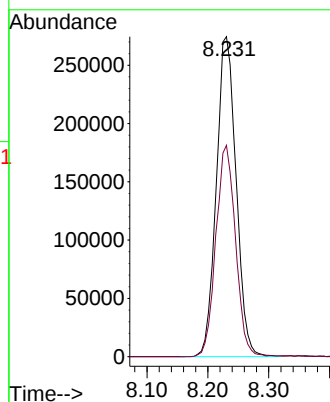
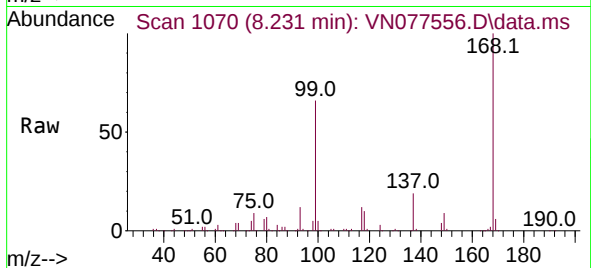




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077556.D
Acq: 03 May 2023 12:30

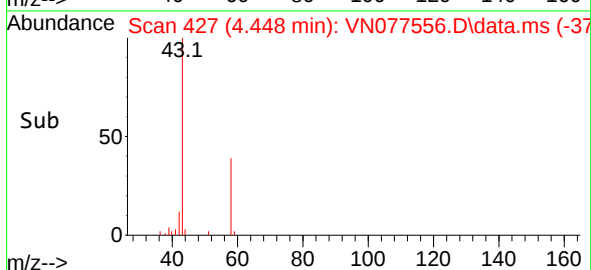
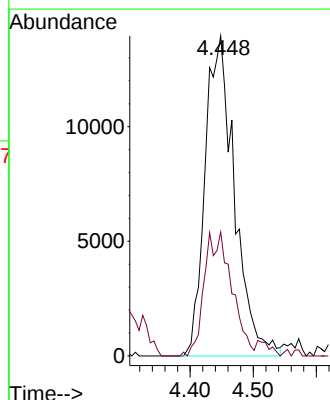
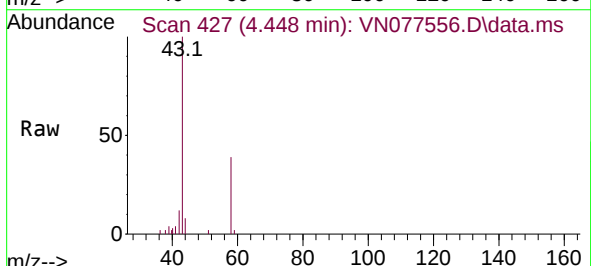
Instrument :
MSVOA_N
ClientSampleId :
PB152533ZHE#01

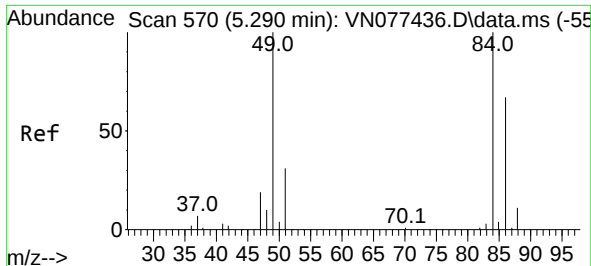
Tgt Ion:168 Resp: 620351
Ion Ratio Lower Upper
168 100
99 66.1 53.0 79.6



#16
Acetone
Concen: 17.504 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.018 min
Lab File: VN077556.D
Acq: 03 May 2023 12:30

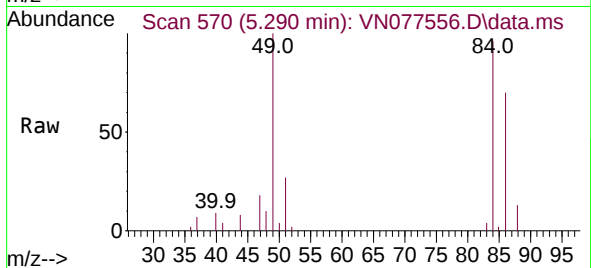
Tgt Ion: 43 Resp: 45077
Ion Ratio Lower Upper
43 100
58 38.8 28.0 42.0



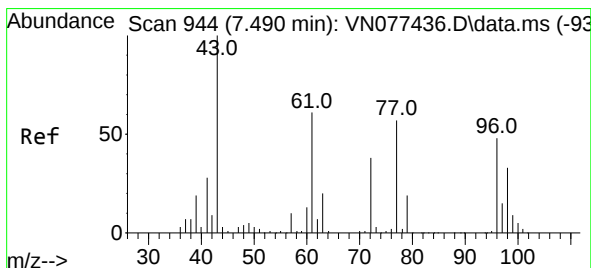
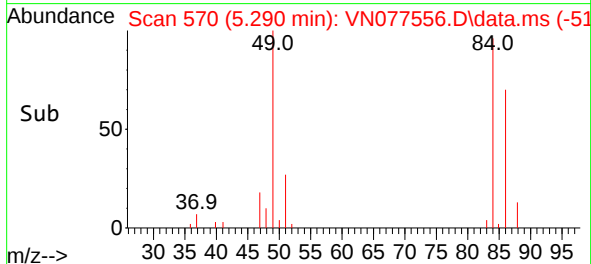
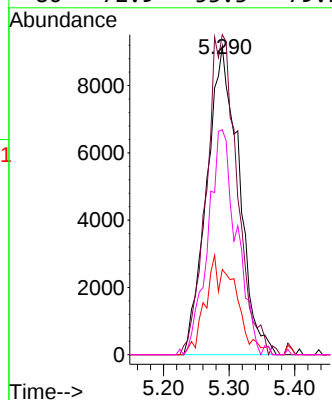


#20
Methylene Chloride
Concen: 3.831 ug/l
RT: 5.290 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077556.D
Acq: 03 May 2023 12:30

Instrument :
MSVOA_N
ClientSampleId :
PB152533ZHE#01

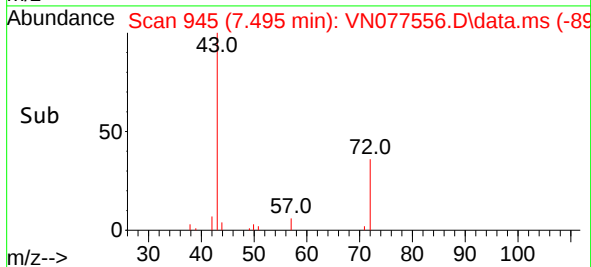
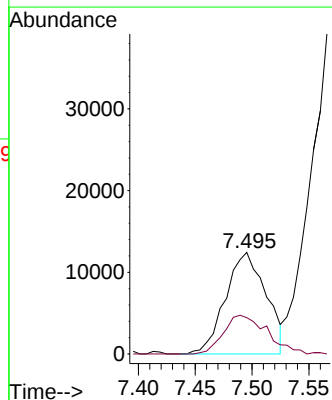
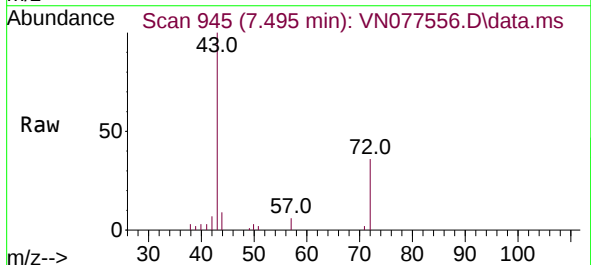


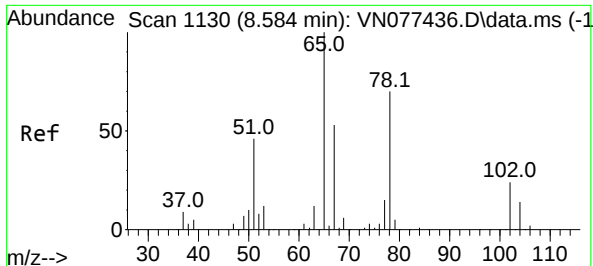
Tgt Ion:	84	Resp:	31288
Ion	Ratio	Lower	Upper
84	100		
49	103.8	79.7	119.5
51	27.6	25.2	37.8
86	72.9	53.3	79.9



#25
2-Butanone
Concen: 8.452 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077556.D
Acq: 03 May 2023 12:30

Tgt Ion:	43	Resp:	30871
Ion	Ratio	Lower	Upper
43	100		
72	36.5	30.2	45.2





#33

1,2-Dichloroethane-d4

Concen: 50.654 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077556.D

Acq: 03 May 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

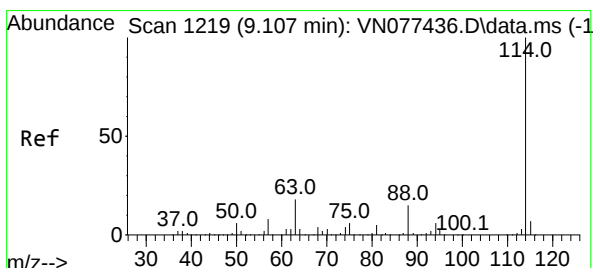
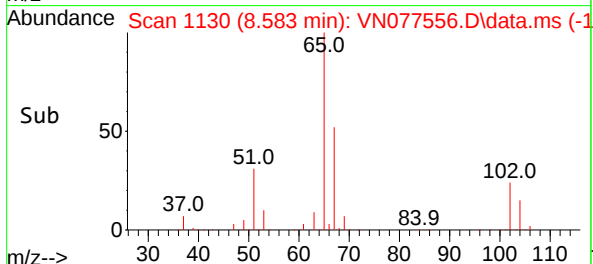
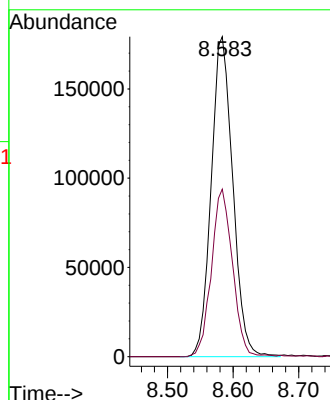
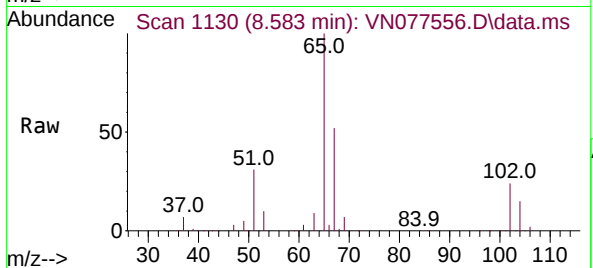
PB152533ZHE#01

Tgt Ion: 65 Resp: 410037

Ion Ratio Lower Upper

65 100

67 51.2 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077556.D

Acq: 03 May 2023 12:30

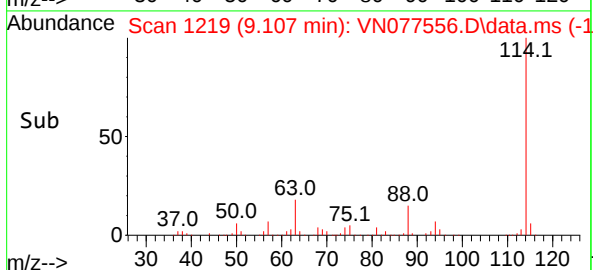
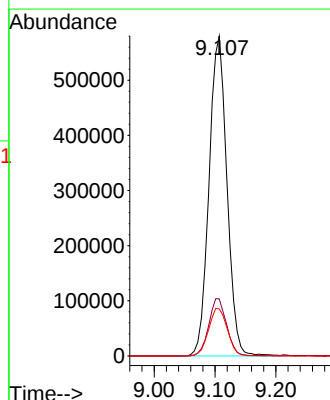
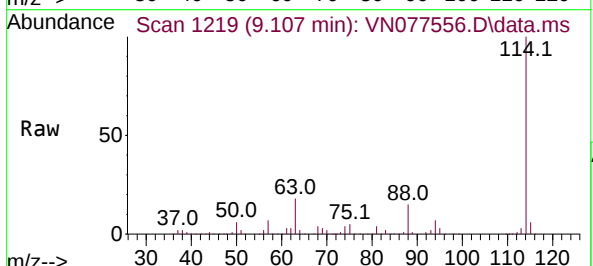
Tgt Ion: 114 Resp: 1185477

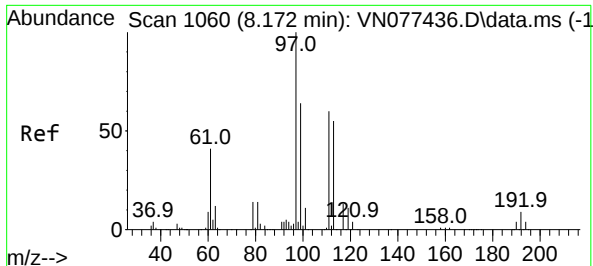
Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.4

88 14.7 0.0 30.6

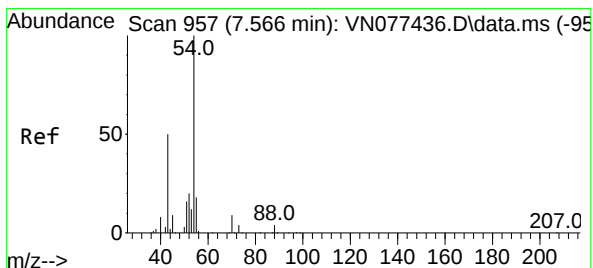
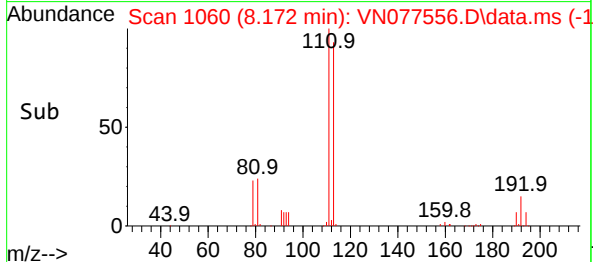
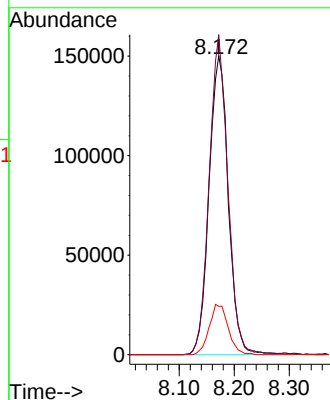
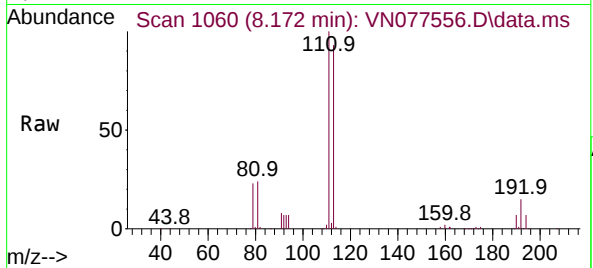




#35
Dibromofluoromethane
Concen: 51.416 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077556.D
Acq: 03 May 2023 12:30

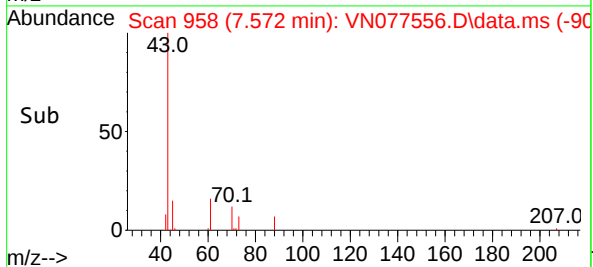
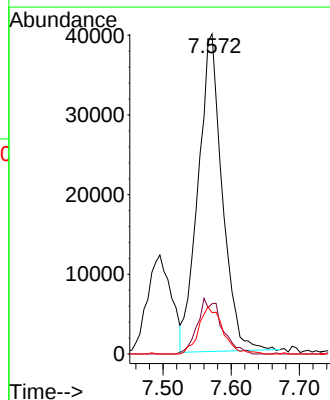
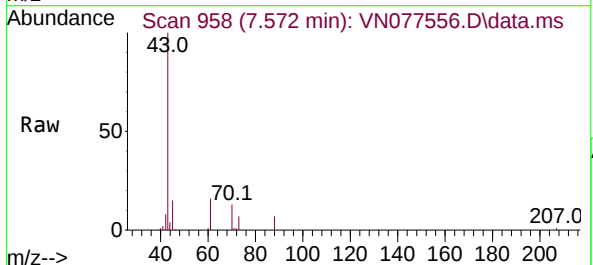
Instrument :
MSVOA_N
ClientSampleId :
PB152533ZHE#01

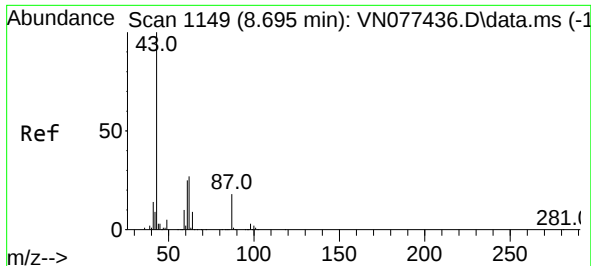
Tgt Ion:113 Resp: 366347
Ion Ratio Lower Upper
113 100
111 103.6 82.6 123.8
192 16.5 12.7 19.1



#37
Ethyl Acetate
Concen: 12.474 ug/l
RT: 7.572 min Scan# 958
Delta R.T. 0.006 min
Lab File: VN077556.D
Acq: 03 May 2023 12:30

Tgt Ion: 43 Resp: 97575
Ion Ratio Lower Upper
43 100
61 17.7 13.2 19.8
70 15.0 11.3 16.9

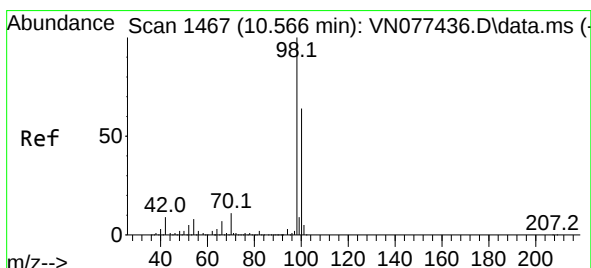
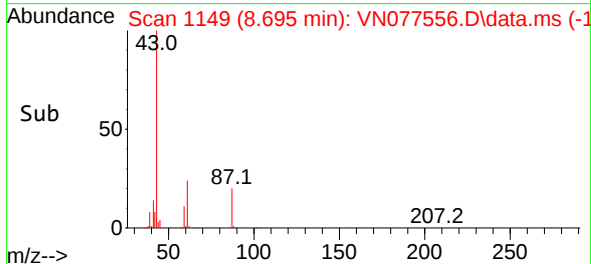
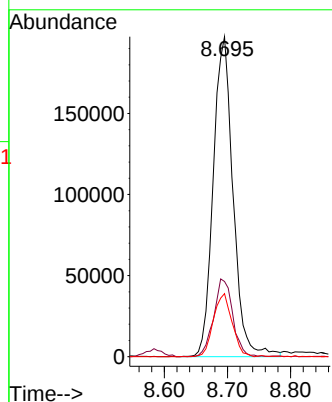
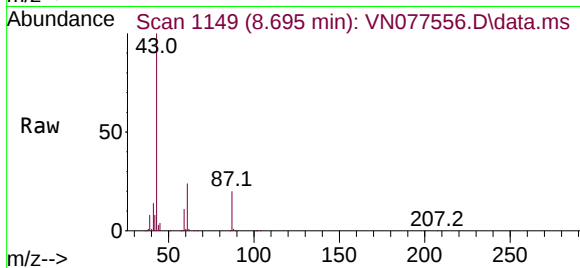




#43
Isopropyl Acetate
Concen: 31.858 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077556.D
Acq: 03 May 2023 12:30

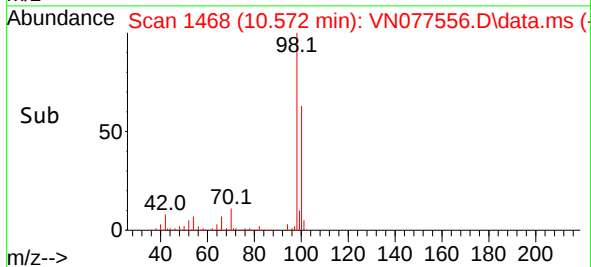
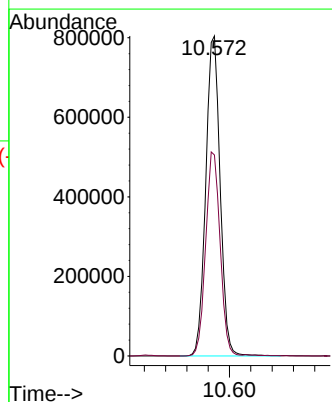
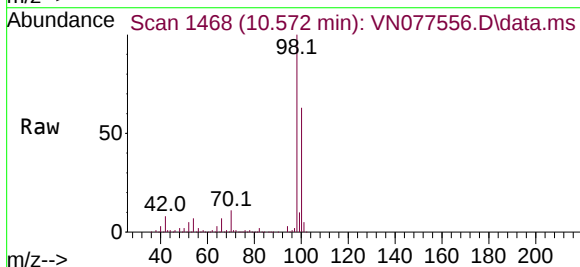
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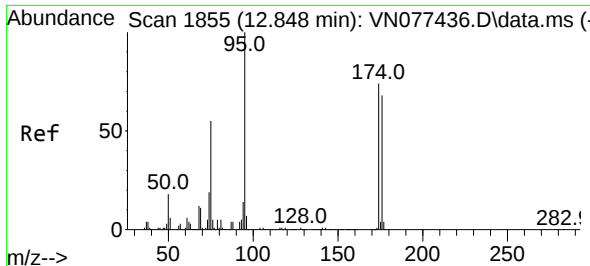
Tgt Ion: 43 Resp: 431110
Ion Ratio Lower Upper
43 100
61 23.4 24.7 37.1#
87 18.5 14.6 21.8



#50
Toluene-d8
Concen: 55.110 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077556.D
Acq: 03 May 2023 12:30

Tgt Ion: 98 Resp: 1504948
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0

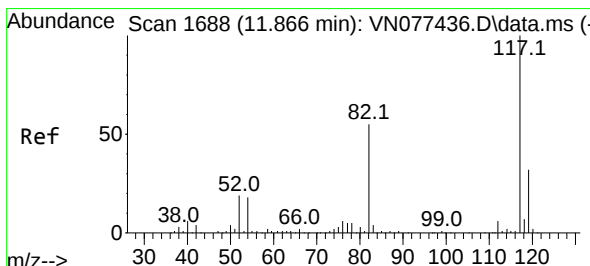
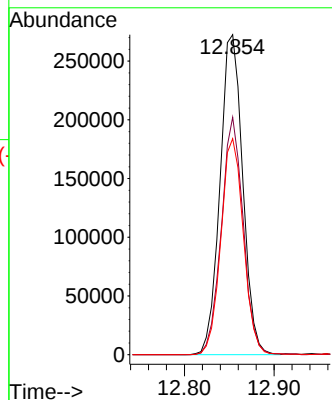
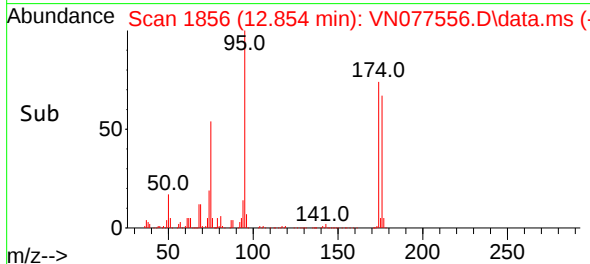
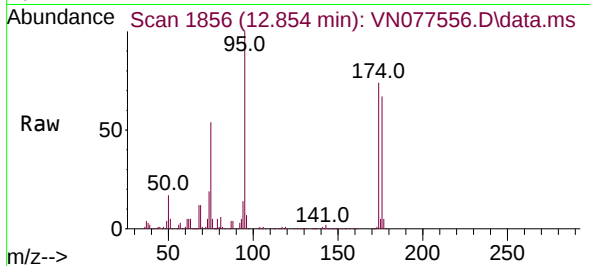




#62
4-Bromofluorobenzene
Concen: 53.586 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077556.D
Acq: 03 May 2023 12:30

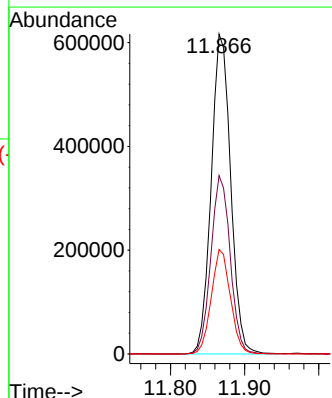
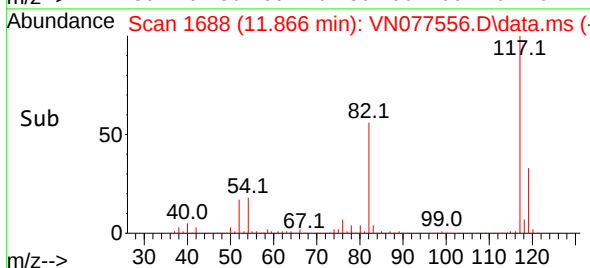
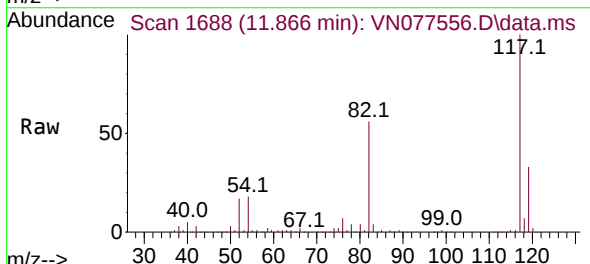
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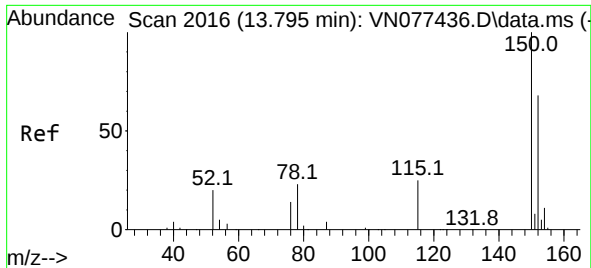
Tgt Ion: 95 Resp: 478769
Ion Ratio Lower Upper
95 100
174 71.4 0.0 143.8
176 67.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077556.D
Acq: 03 May 2023 12:30

Tgt Ion: 117 Resp: 1124930
Ion Ratio Lower Upper
117 100
82 55.7 44.0 66.0
119 32.6 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN077556.D

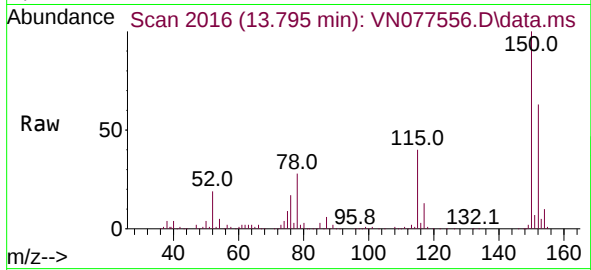
Acq: 03 May 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

PB152533ZHE#01



Tgt Ion:152 Resp: 409236

Ion Ratio Lower Upper

152 100

115 64.1 32.3 96.8

150 156.4 0.0 355.8

