

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
 Data File : VN076010.D
 Acq On : 28 Dec 2022 19:20
 Operator : JC\MD
 Sample : N6220-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Dec 29 04:56:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

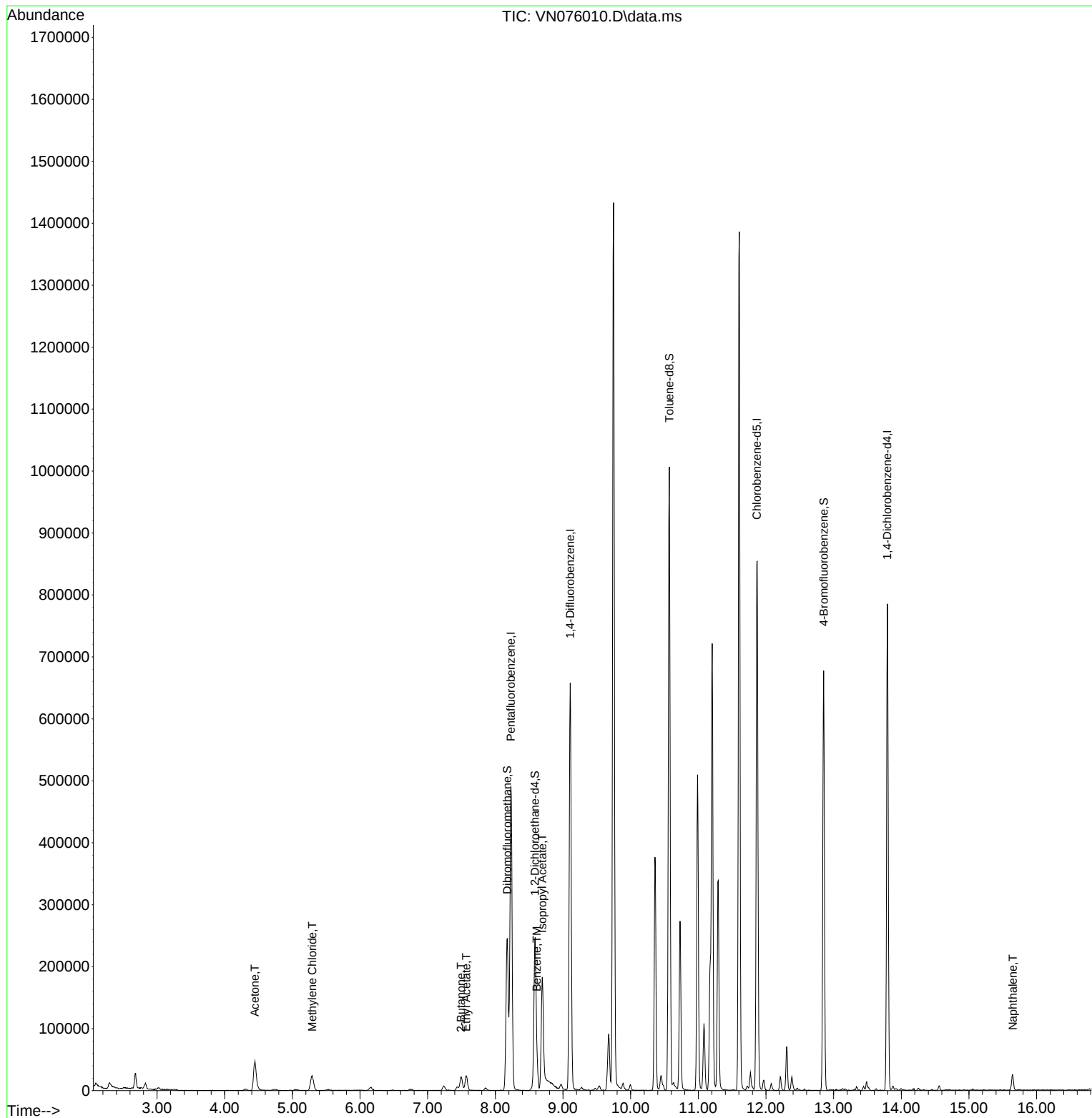
Internal Standards						
1) Pentafluorobenzene	8.230	168	389954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	612200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	543911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	230315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	192399	45.352	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.700%
35) Dibromofluoromethane	8.177	113	180324	47.563	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.120%
50) Toluene-d8	10.571	98	710283	50.108	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.220%
62) 4-Bromofluorobenzene	12.853	95	224387	47.793	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.580%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	90388	61.807	ug/l	97
20) Methylene Chloride	5.295	84	20873	4.756	ug/l	94
25) 2-Butanone	7.494	43	34758	16.975	ug/l	97
37) Ethyl Acetate	7.571	43	36844	9.108	ug/l	99
40) Benzene	8.612	78	36861	2.372	ug/l	94
43) Isopropyl Acetate	8.694	43	219325	32.867	ug/l #	83
95) Naphthalene	15.647	128	26084	4.168	ug/l	97

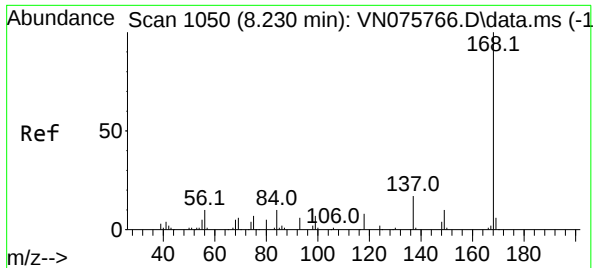
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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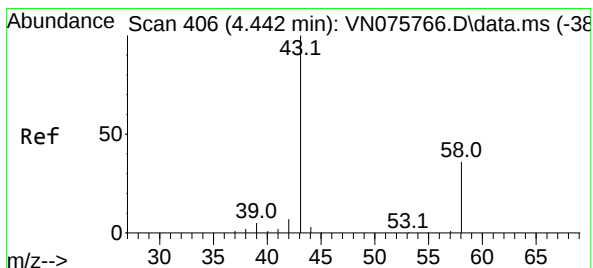
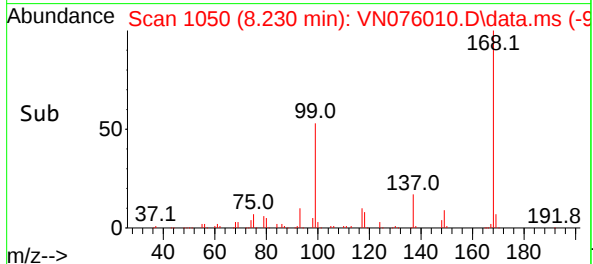
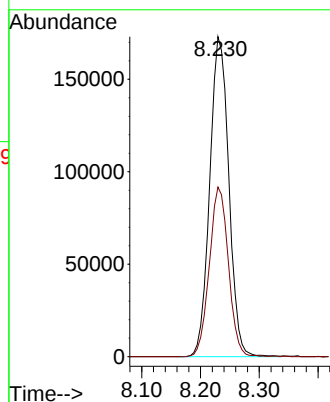
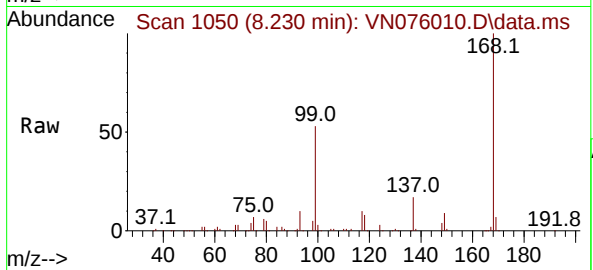




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076010.D
Acq: 28 Dec 2022 19:20

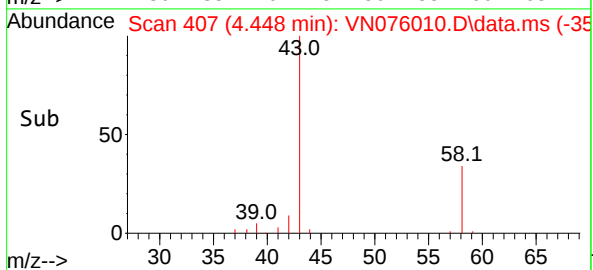
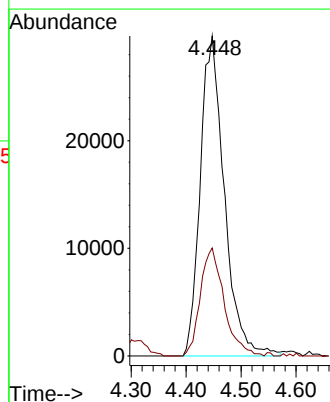
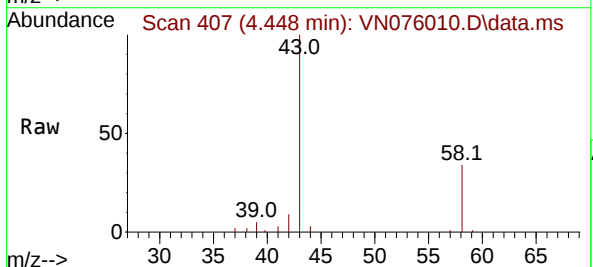
Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion:168 Resp: 389954
Ion Ratio Lower Upper
168 100
99 53.0 44.2 66.4



#16
Acetone
Concen: 61.807 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076010.D
Acq: 28 Dec 2022 19:20

Tgt Ion: 43 Resp: 90388
Ion Ratio Lower Upper
43 100
58 33.7 28.6 43.0

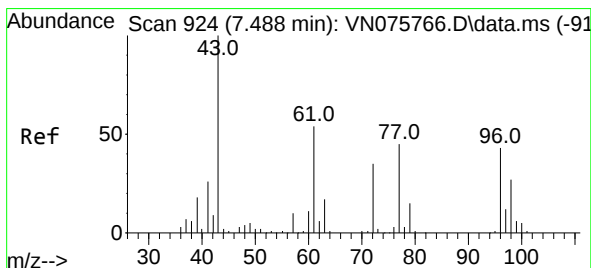
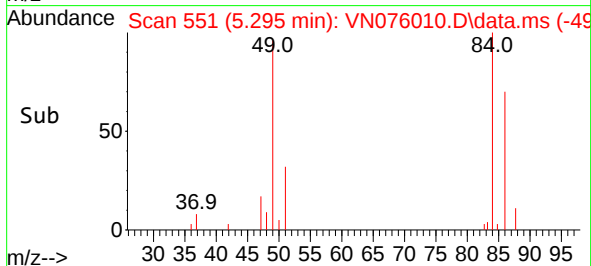
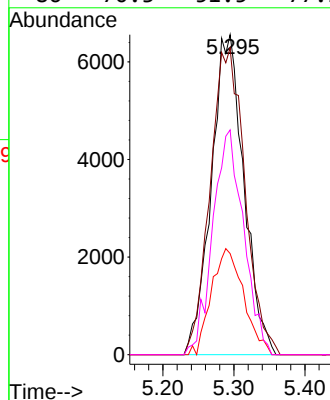
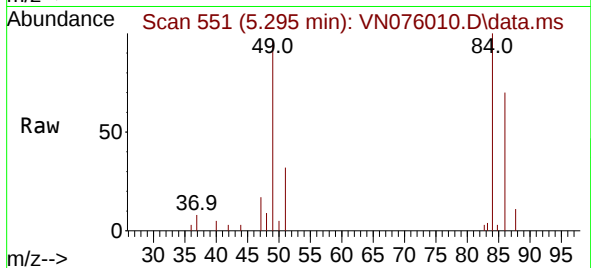




#20
Methylene Chloride
Concen: 4.756 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076010.D
Acq: 28 Dec 2022 19:20

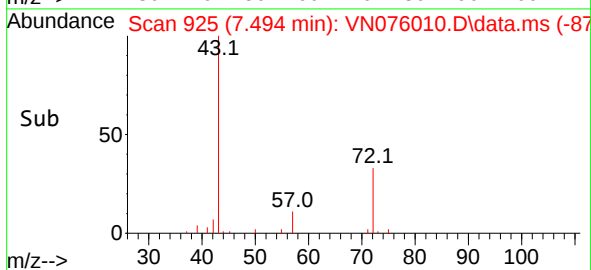
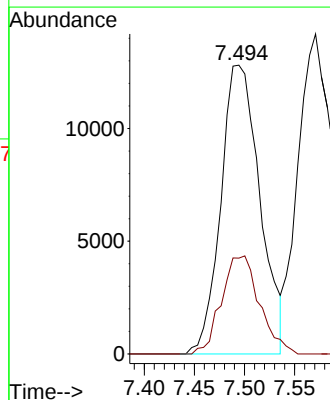
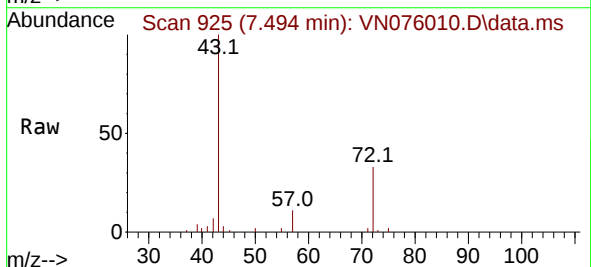
Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion:	84	Resp:	20873
Ion	Ratio	Lower	Upper
84	100		
49	95.9	81.8	122.6
51	31.6	26.7	40.1
86	70.3	51.5	77.3



#25
2-Butanone
Concen: 16.975 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.006 min
Lab File: VN076010.D
Acq: 28 Dec 2022 19:20

Tgt Ion:	43	Resp:	34758
Ion	Ratio	Lower	Upper
43	100		
72	33.2	28.0	42.0





#33

1,2-Dichloroethane-d4

Concen: 45.352 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076010.D

Acq: 28 Dec 2022 19:20

Instrument :

MSVOA_N

ClientSampleId :

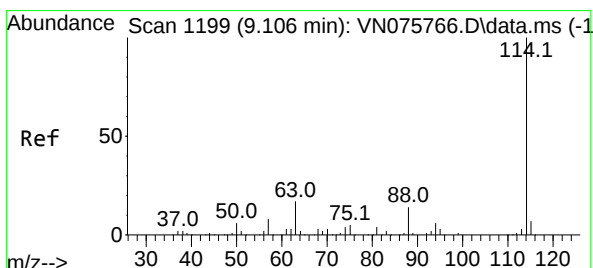
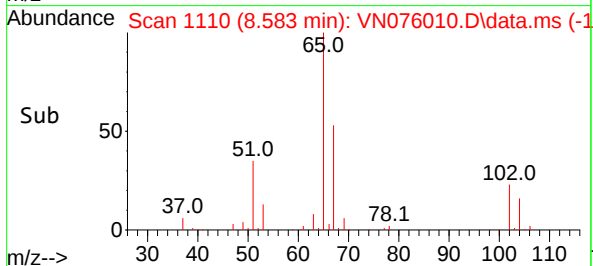
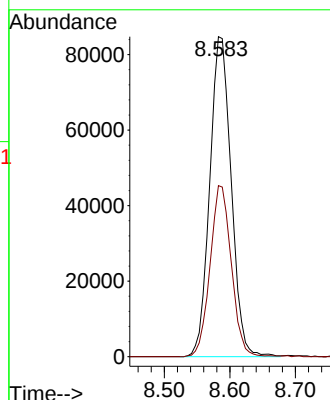
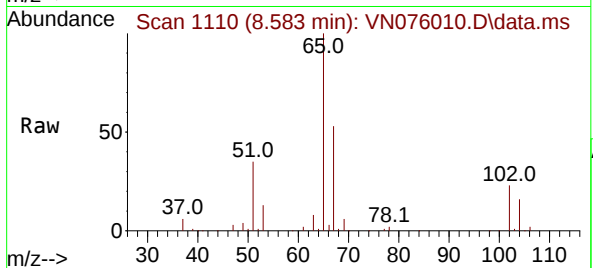
TP-1

Tgt Ion: 65 Resp: 192399

Ion Ratio Lower Upper

65 100

67 53.0 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076010.D

Acq: 28 Dec 2022 19:20

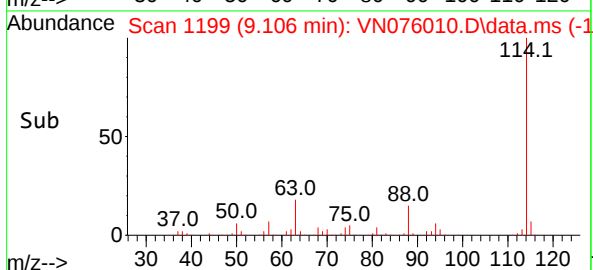
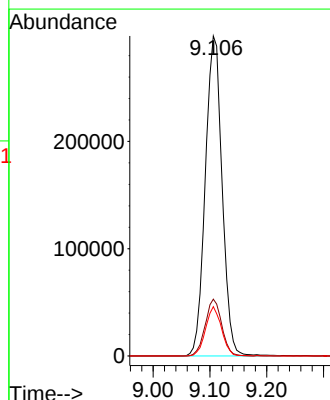
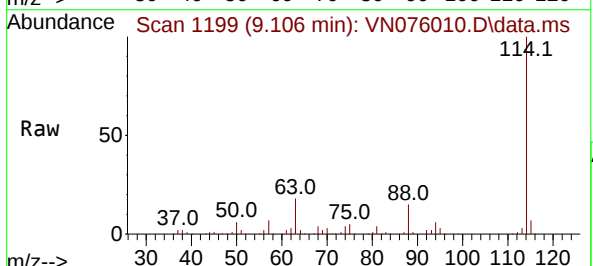
Tgt Ion: 114 Resp: 612200

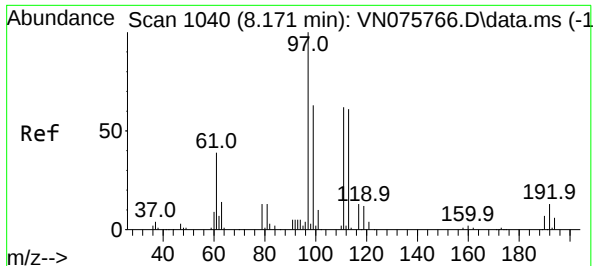
Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 15.4 0.0 28.8

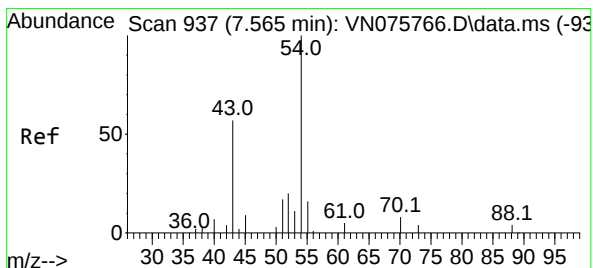
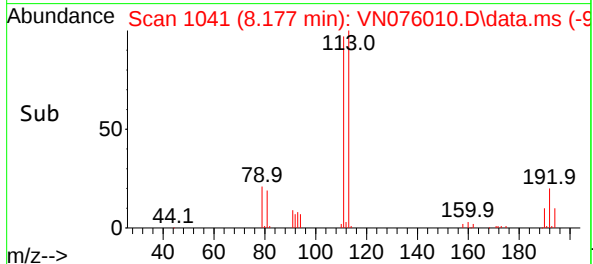
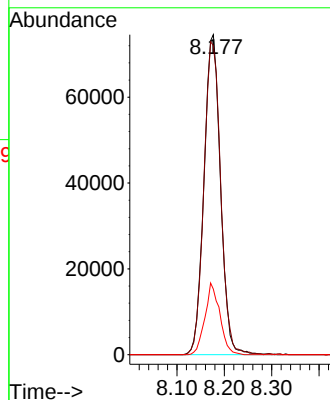
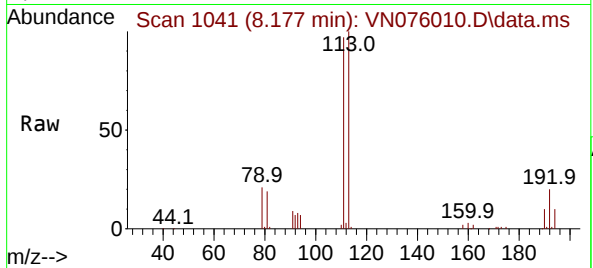




#35
Dibromofluoromethane
Concen: 47.563 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN076010.D
Acq: 28 Dec 2022 19:20

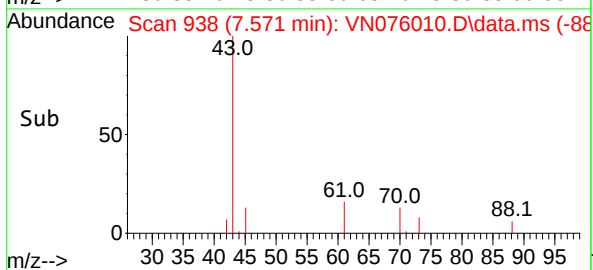
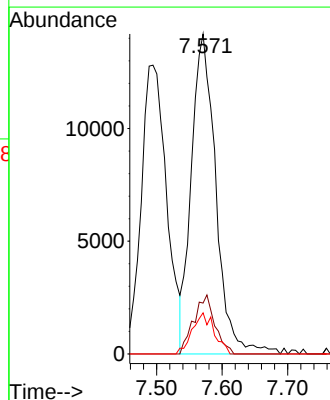
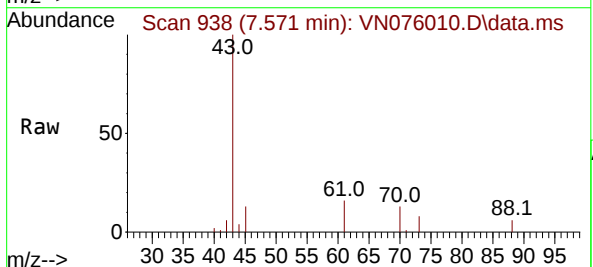
Instrument :
MSVOA_N
ClientSampleId :
TP-1

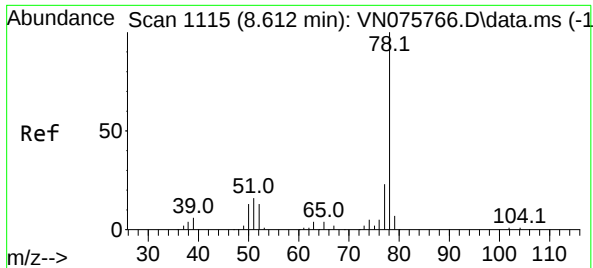
Tgt Ion:113 Resp: 180324
Ion Ratio Lower Upper
113 100
111 99.7 83.4 125.2
192 20.3 16.1 24.1



#37
Ethyl Acetate
Concen: 9.108 ug/l
RT: 7.571 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN076010.D
Acq: 28 Dec 2022 19:20

Tgt Ion: 43 Resp: 36844
Ion Ratio Lower Upper
43 100
61 16.0 13.0 19.4
70 11.4 9.4 14.0

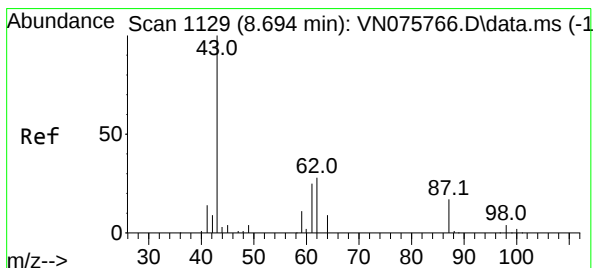
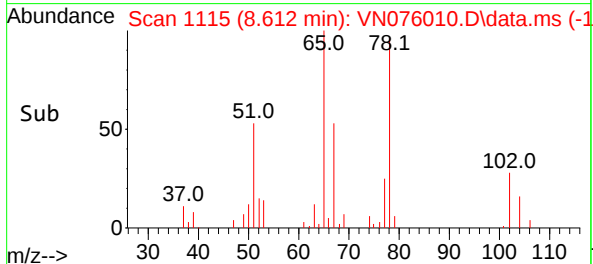
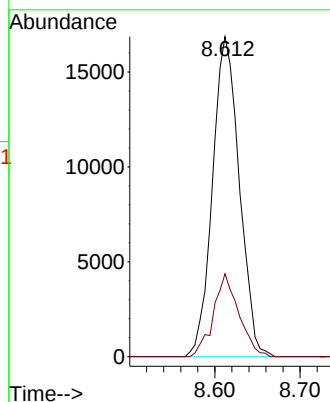
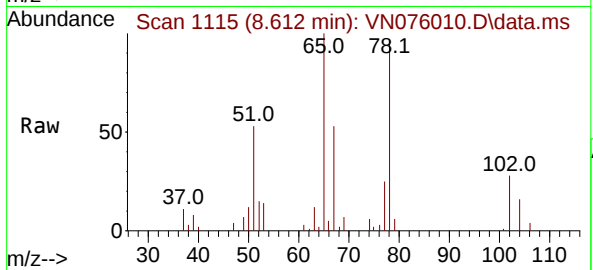




#40
Benzene
Concen: 2.372 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN076010.D
Acq: 28 Dec 2022 19:20

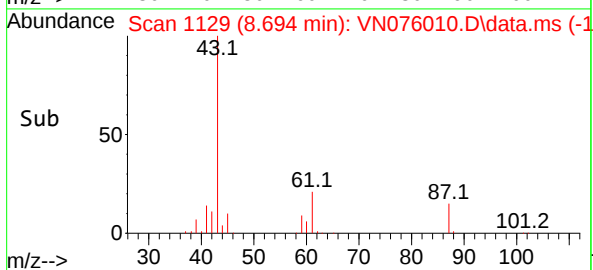
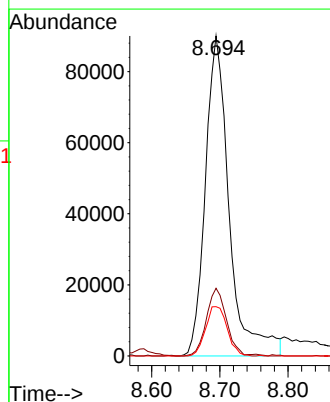
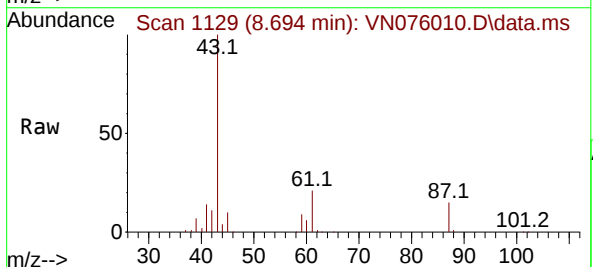
Instrument :
MSVOA_N
ClientSampleId :
TP-1

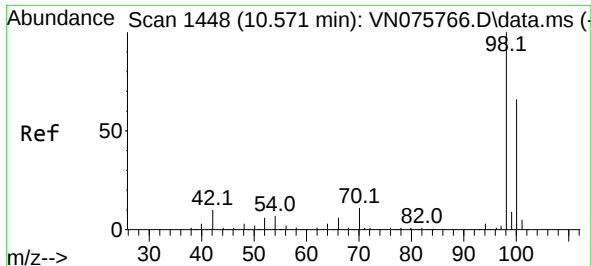
Tgt Ion: 78 Resp: 36861
Ion Ratio Lower Upper
78 100
77 25.9 18.5 27.7



#43
Isopropyl Acetate
Concen: 32.867 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076010.D
Acq: 28 Dec 2022 19:20

Tgt Ion: 43 Resp: 219325
Ion Ratio Lower Upper
43 100
61 17.7 24.2 36.4#
87 13.9 13.3 19.9

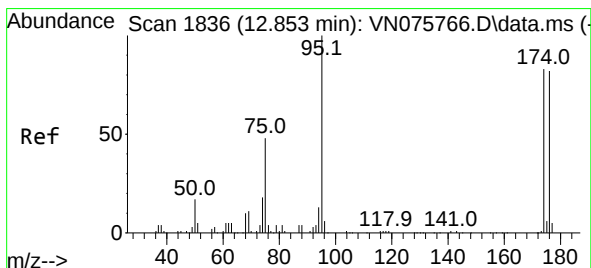
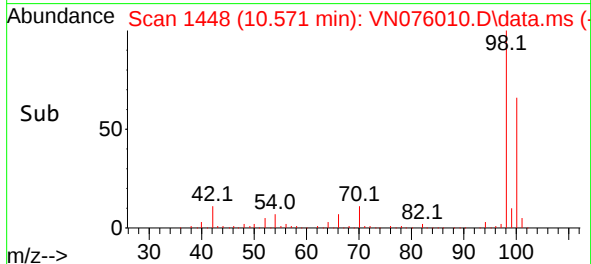
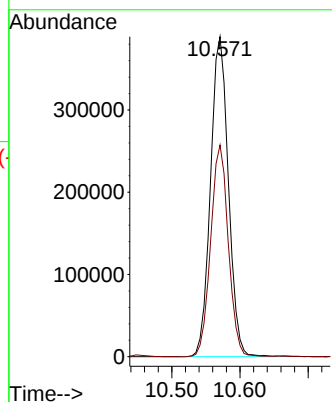
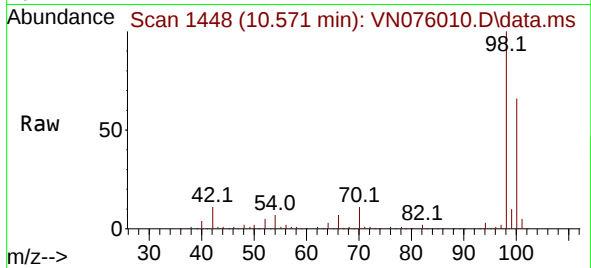




#50
Toluene-d8
Concen: 50.108 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076010.D
Acq: 28 Dec 2022 19:20

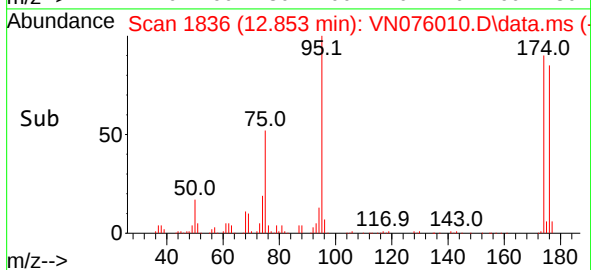
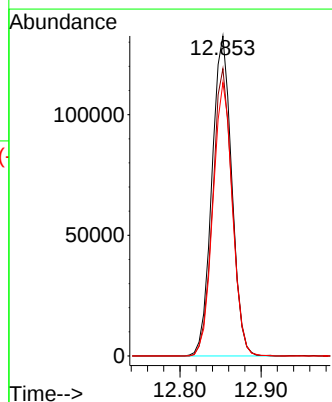
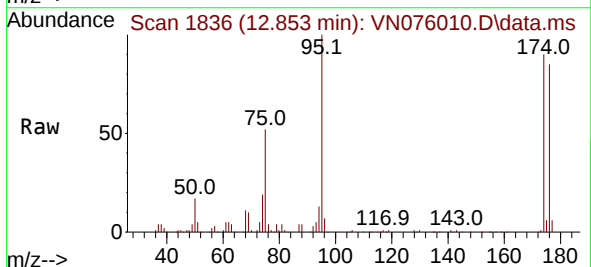
Instrument :
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ClientSampleId :
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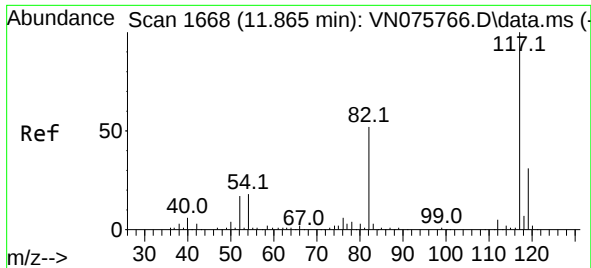
Tgt Ion: 98 Resp: 710283
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.793 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076010.D
Acq: 28 Dec 2022 19:20

Tgt Ion: 95 Resp: 224387
Ion Ratio Lower Upper
95 100
174 88.3 0.0 171.6
176 84.4 0.0 169.2

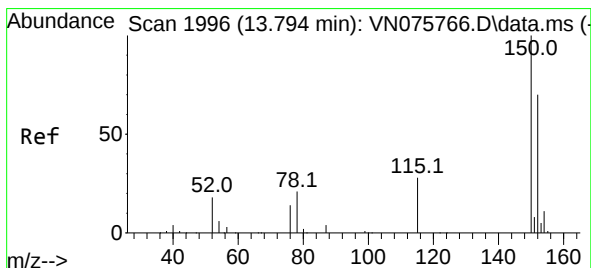
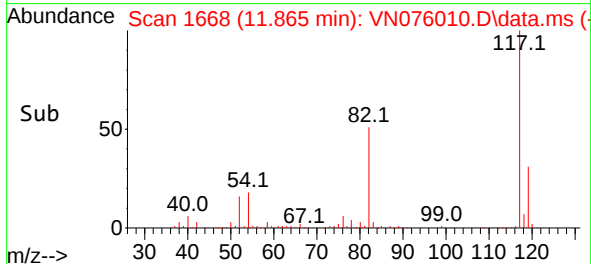
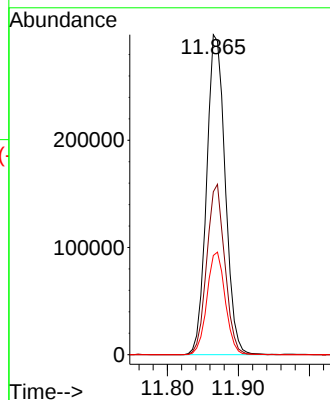
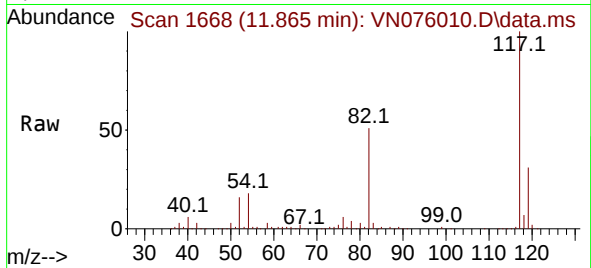




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN076010.D
Acq: 28 Dec 2022 19:20

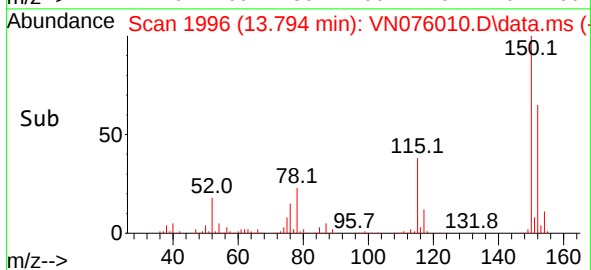
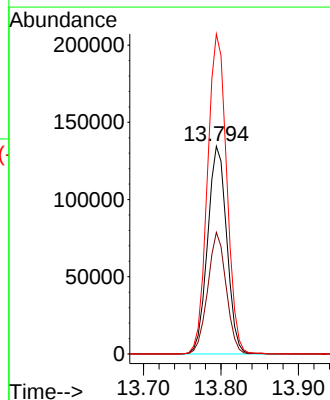
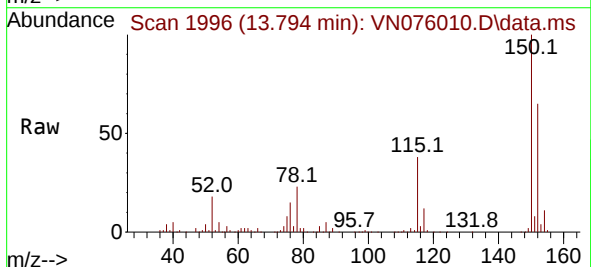
Instrument :
MSVOA_N
ClientSampleId :
TP-1

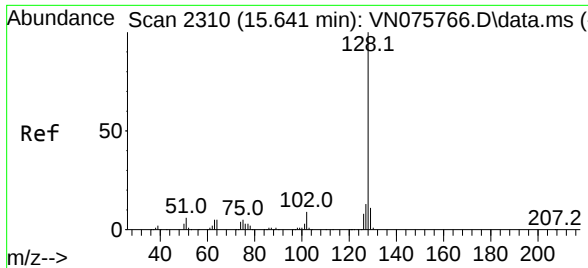
Tgt Ion:117 Resp: 543911
Ion Ratio Lower Upper
117 100
82 50.9 41.3 61.9
119 31.0 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076010.D
Acq: 28 Dec 2022 19:20

Tgt Ion:152 Resp: 230315
Ion Ratio Lower Upper
152 100
115 56.6 29.1 87.4
150 155.1 0.0 347.0





#95
Naphthalene
Concen: 4.168 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076010.D
Acq: 28 Dec 2022 19:20

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion:	128	Resp:	26084
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	12.9	8.7	13.1

