

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100623\
 Data File : VN079441.D
 Acq On : 06 Oct 2023 12:41
 Operator : JC\MD
 Sample : 04714-09RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Quant Time: Oct 06 12:59:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

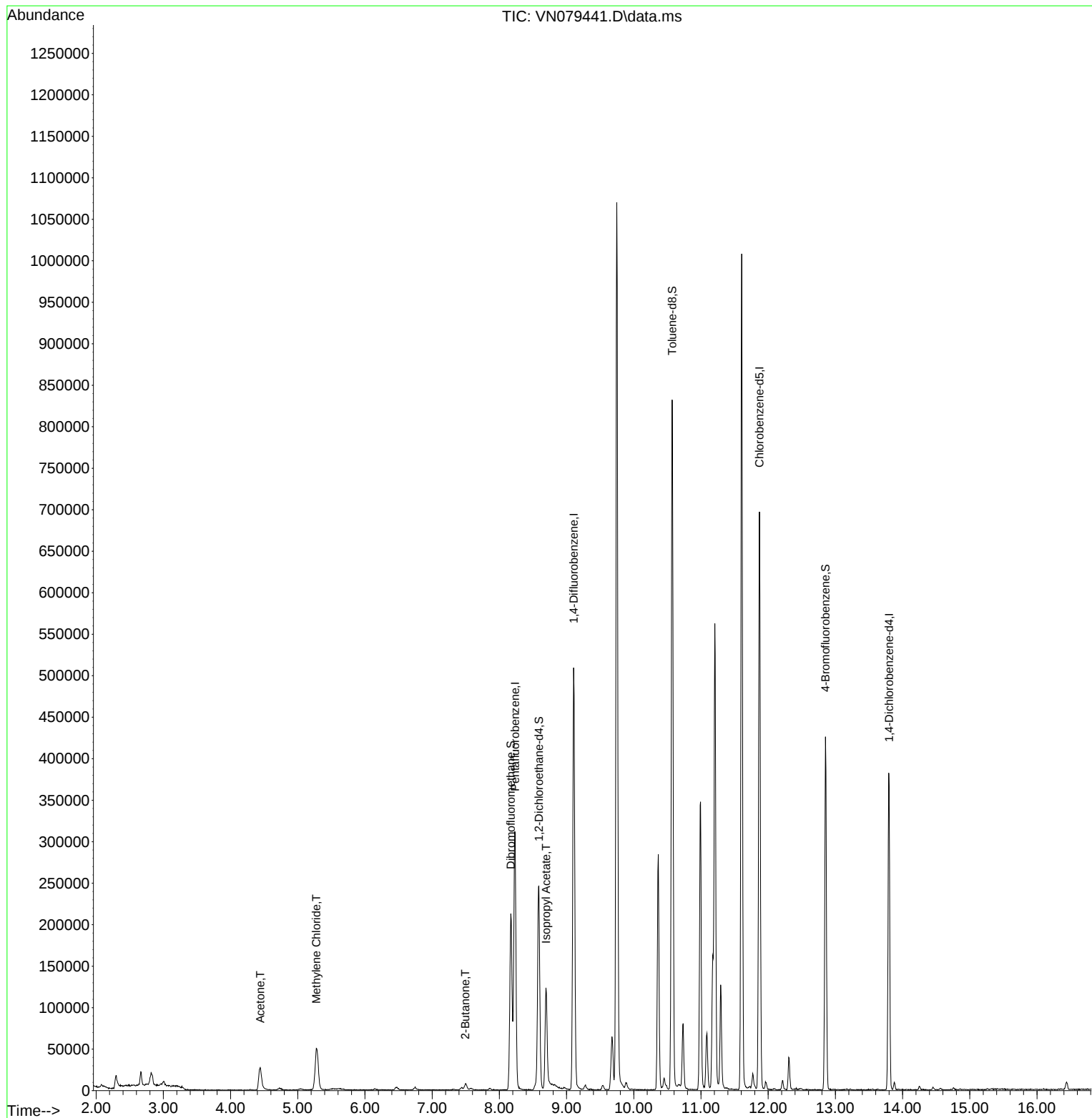
Internal Standards						
1) Pentafluorobenzene	8.235	168	221747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	421433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	383362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	99195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	199535	55.496	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	111.000%	
35) Dibromofluoromethane	8.171	113	149991	49.525	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.060%	
50) Toluene-d8	10.571	98	562699	51.349	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	102.700%	
62) 4-Bromofluorobenzene	12.853	95	140352	39.910	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	79.820%#	
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	52605	36.888	ug/l	97
20) Methylene Chloride	5.277	84	39612	12.230	ug/l #	76
25) 2-Butanone	7.494	43	13039	6.160	ug/l #	75
43) Isopropyl Acetate	8.694	43	143396	18.097	ug/l #	79

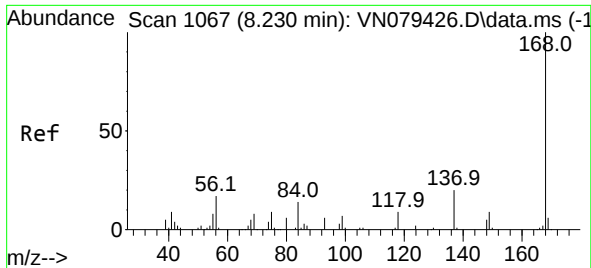
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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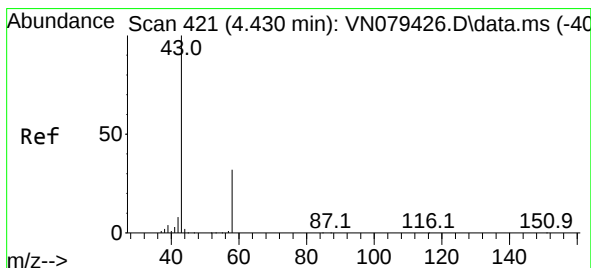
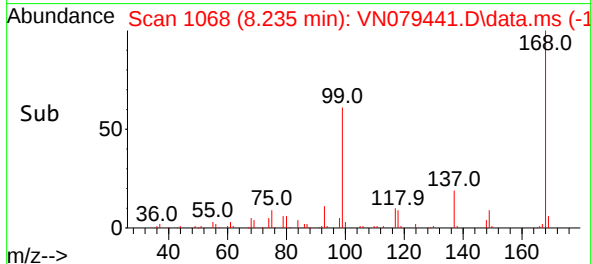
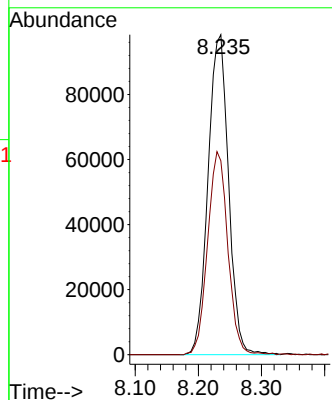
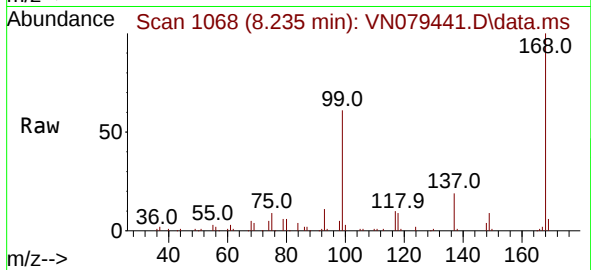




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN079441.D
Acq: 06 Oct 2023 12:41

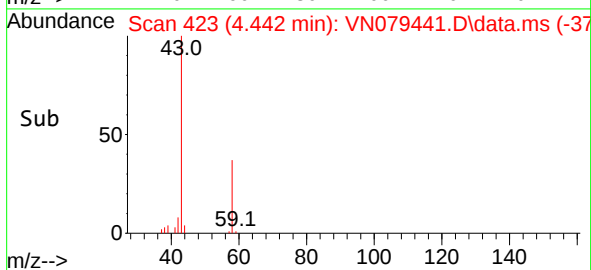
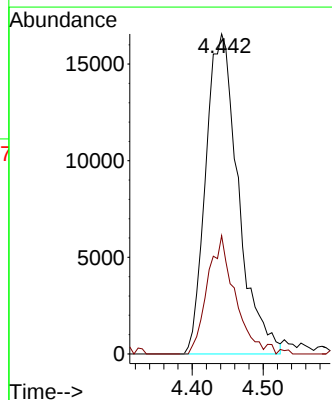
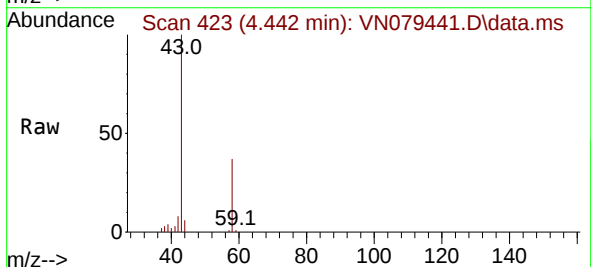
Instrument :
MSVOA_N
ClientSampleId :
TP-3

Tgt Ion:168 Resp: 221747
Ion Ratio Lower Upper
168 100
99 60.6 53.0 79.6



#16
Acetone
Concen: 36.888 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079441.D
Acq: 06 Oct 2023 12:41

Tgt Ion: 43 Resp: 52605
Ion Ratio Lower Upper
43 100
58 36.9 28.0 42.0

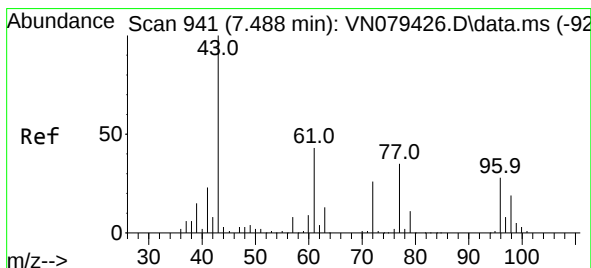
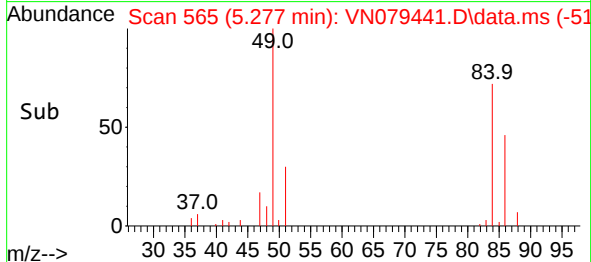
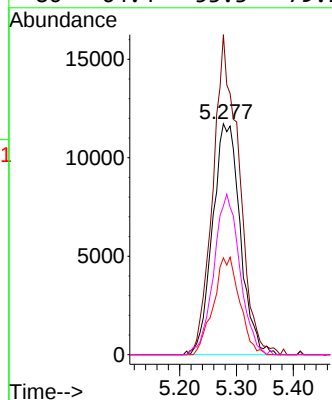
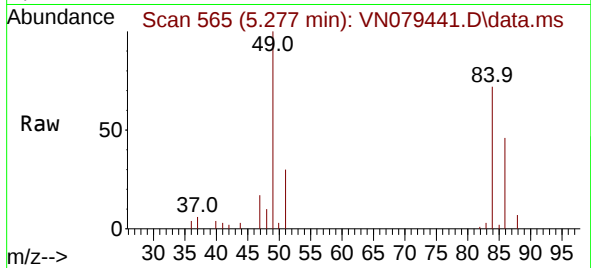




#20
Methylene Chloride
Concen: 12.230 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079441.D
Acq: 06 Oct 2023 12:41

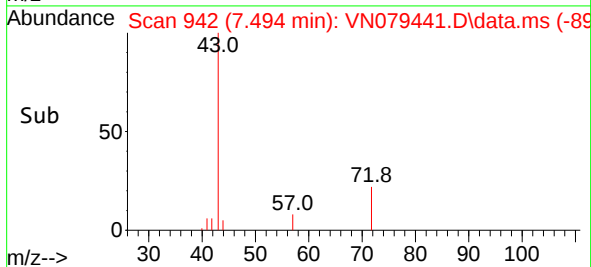
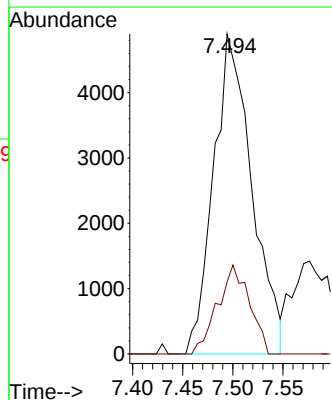
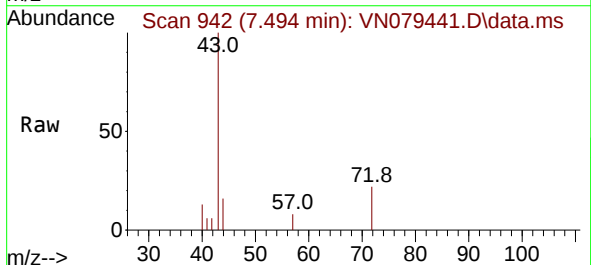
Instrument :
MSVOA_N
ClientSampleId :
TP-3

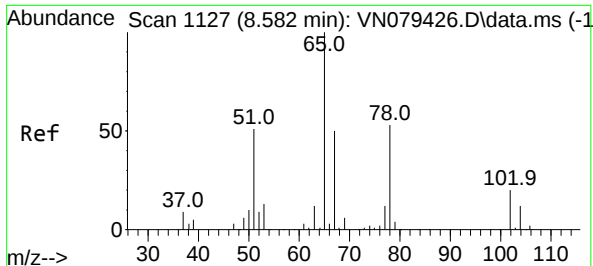
Tgt Ion:	84	Resp:	39612
Ion	Ratio	Lower	Upper
84	100		
49	138.6	79.7	119.5#
51	41.9	25.2	37.8#
86	64.4	53.3	79.9



#25
2-Butanone
Concen: 6.160 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079441.D
Acq: 06 Oct 2023 12:41

Tgt Ion:	43	Resp:	13039
Ion	Ratio	Lower	Upper
43	100		
72	22.5	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 55.496 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN079441.D

Acq: 06 Oct 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

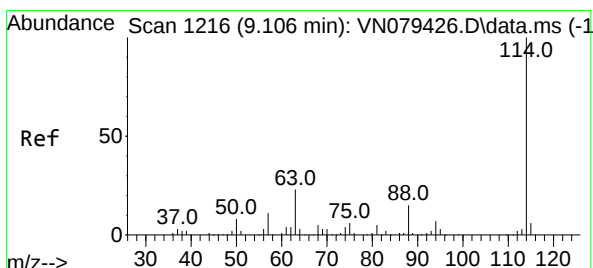
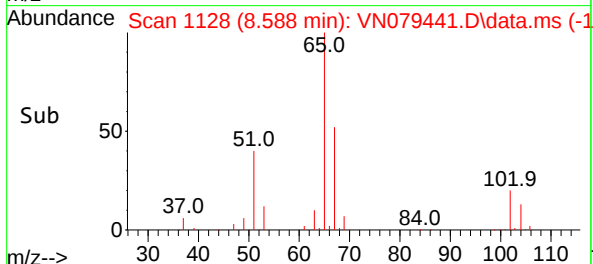
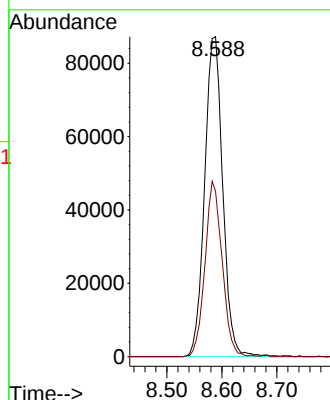
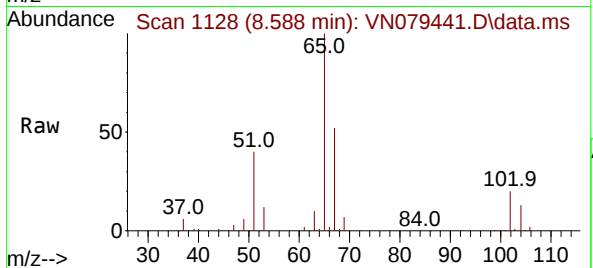
TP-3

Tgt Ion: 65 Resp: 199535

Ion Ratio Lower Upper

65 100

67 52.1 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN079441.D

Acq: 06 Oct 2023 12:41

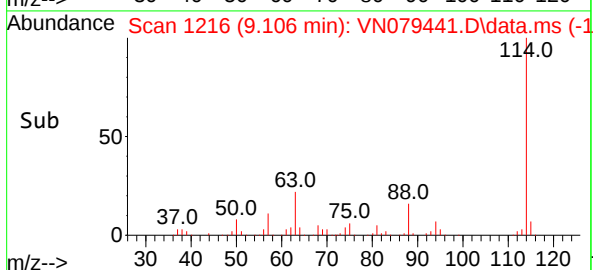
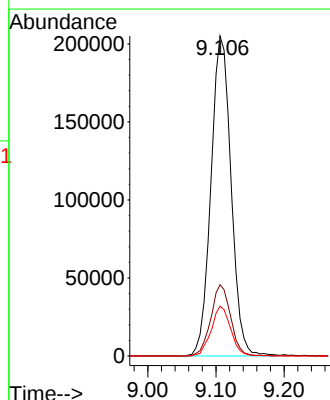
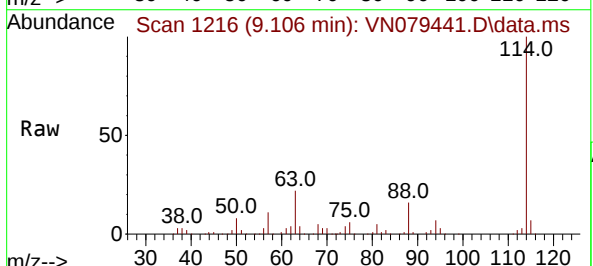
Tgt Ion: 114 Resp: 421433

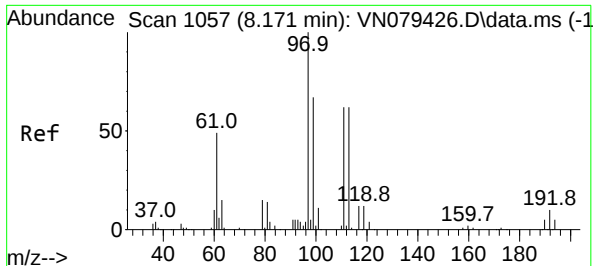
Ion Ratio Lower Upper

114 100

63 22.3 0.0 36.4

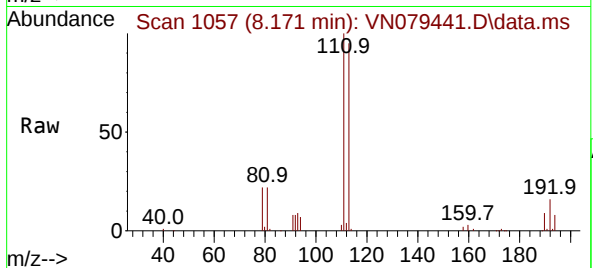
88 15.6 0.0 30.6



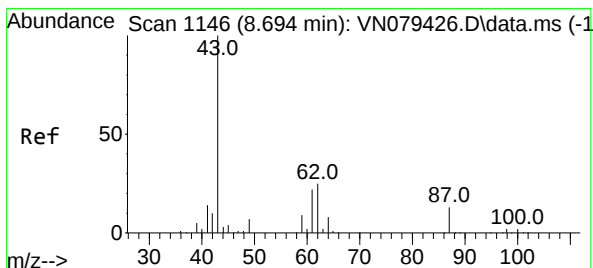
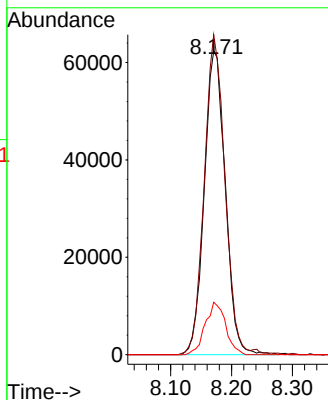
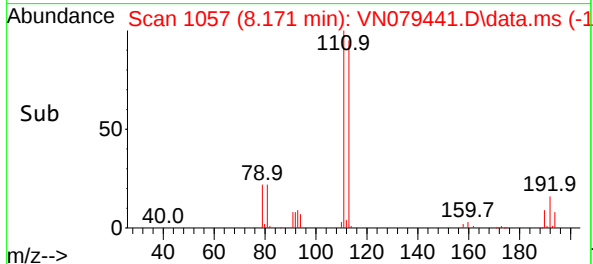


#35
Dibromofluoromethane
Concen: 49.525 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079441.D
Acq: 06 Oct 2023 12:41

Instrument :
MSVOA_N
ClientSampleId :
TP-3

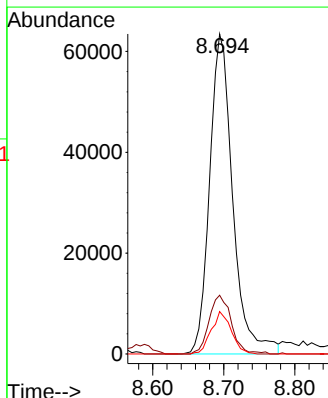
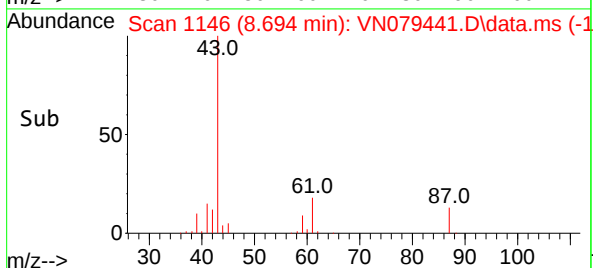
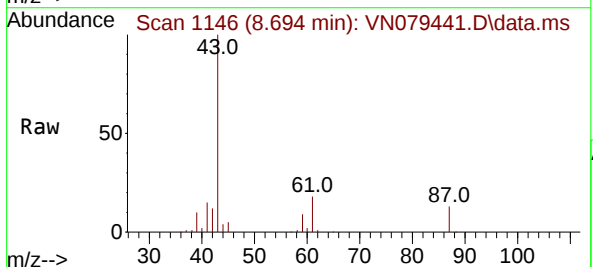


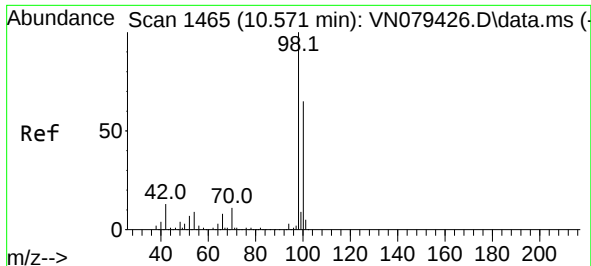
Tgt Ion:113 Resp: 149991
Ion Ratio Lower Upper
113 100
111 103.8 82.6 123.8
192 16.8 12.7 19.1



#43
Isopropyl Acetate
Concen: 18.097 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN079441.D
Acq: 06 Oct 2023 12:41

Tgt Ion: 43 Resp: 143396
Ion Ratio Lower Upper
43 100
61 17.7 24.7 37.1#
87 11.5 14.6 21.8#

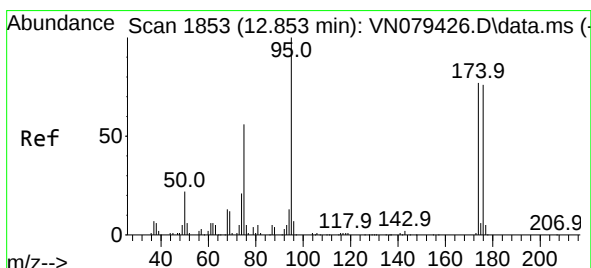
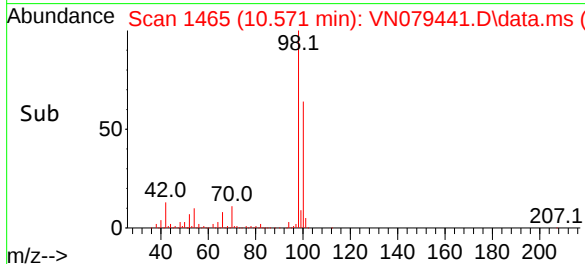
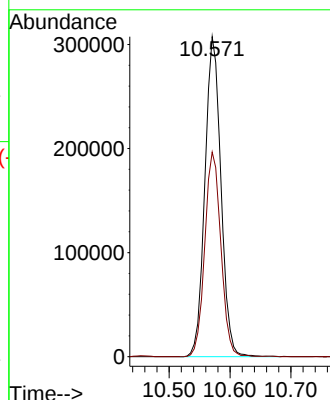
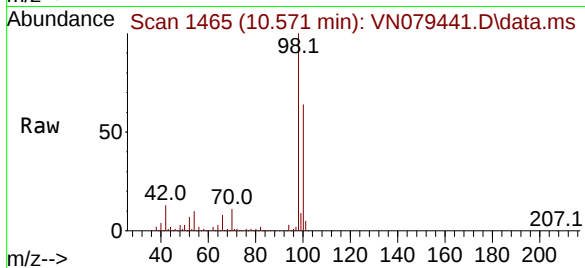




#50
Toluene-d8
Concen: 51.349 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079441.D
Acq: 06 Oct 2023 12:41

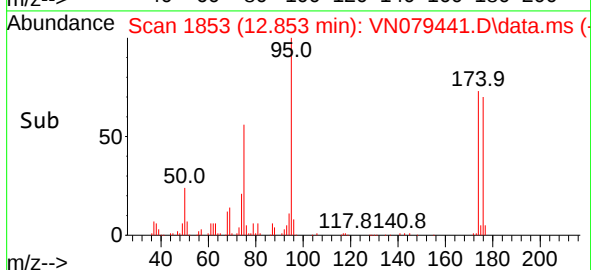
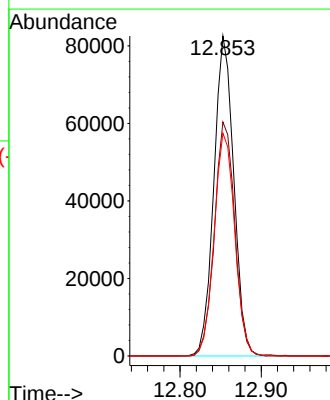
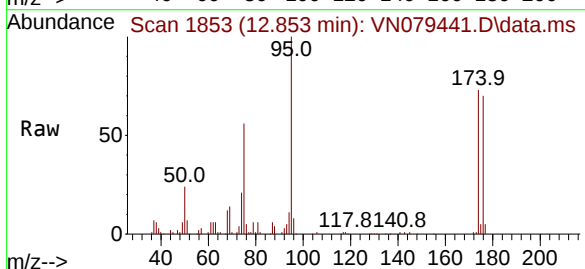
Instrument :
MSVOA_N
ClientSampleId :
TP-3

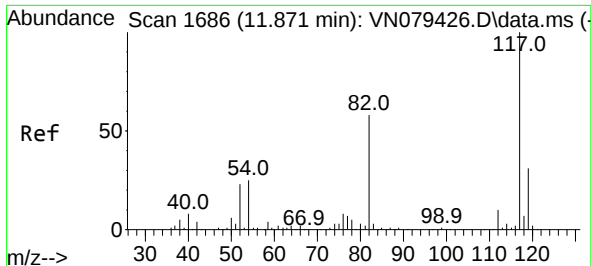
Tgt Ion: 98 Resp: 562699
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.910 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079441.D
Acq: 06 Oct 2023 12:41

Tgt Ion: 95 Resp: 140352
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.8
176 72.3 0.0 135.8

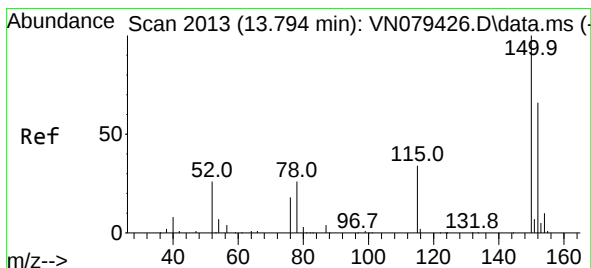
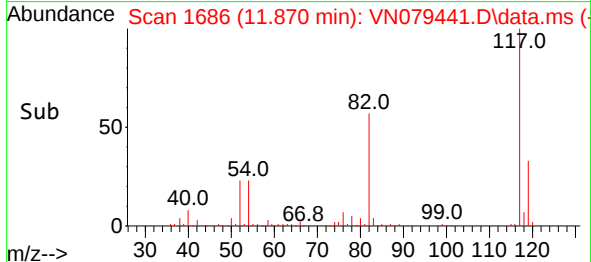
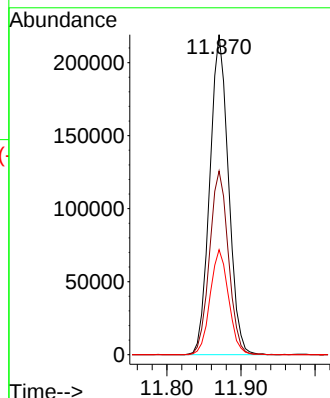
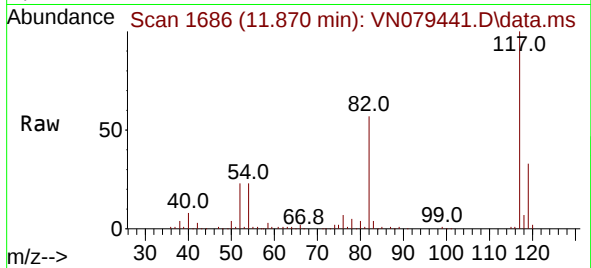




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079441.D
Acq: 06 Oct 2023 12:41

Instrument :
MSVOA_N
ClientSampleId :
TP-3

Tgt Ion:117 Resp: 383362
Ion Ratio Lower Upper
117 100
82 57.4 44.0 66.0
119 32.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN079441.D
Acq: 06 Oct 2023 12:41

Tgt Ion:152 Resp: 99195
Ion Ratio Lower Upper
152 100
115 61.5 32.3 96.8
150 156.1 0.0 355.8

