

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100623\
 Data File : VN079440.D
 Acq On : 06 Oct 2023 12:17
 Operator : JC\MD
 Sample : 04714-06RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: Oct 06 12:42:58 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)

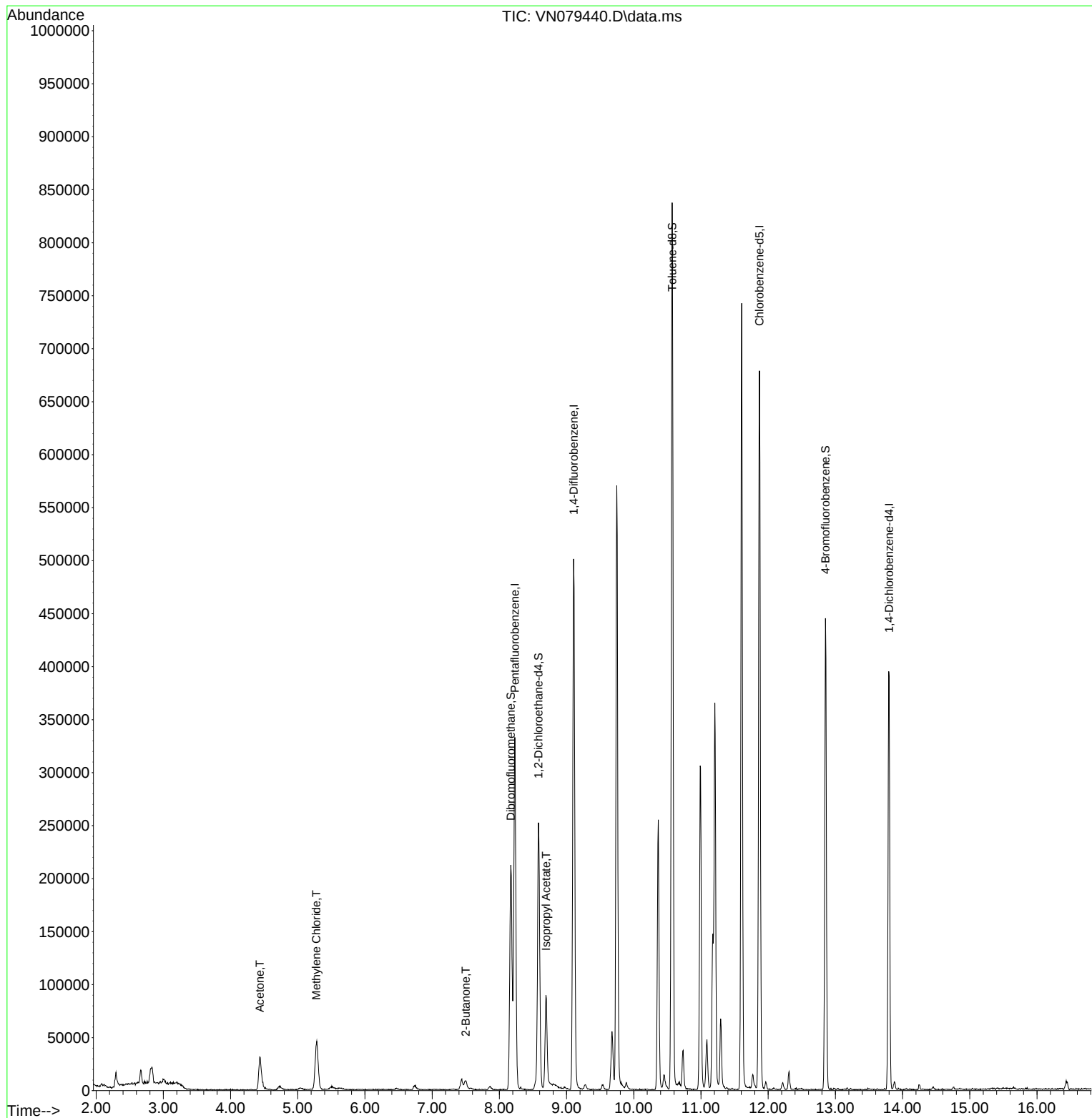
Internal Standards						
1) Pentafluorobenzene	8.230	168	223990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	419900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	393732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	104517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	201694	55.535	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.080%
35) Dibromofluoromethane	8.171	113	152374	50.496	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.000%
50) Toluene-d8	10.571	98	568545	52.072	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.140%
62) 4-Bromofluorobenzene	12.853	95	145432	41.505	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.020%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	58625	40.698	ug/l #	86
20) Methylene Chloride	5.277	84	34273	10.388	ug/l #	90
25) 2-Butanone	7.500	43	15670	7.329	ug/l #	70
43) Isopropyl Acetate	8.694	43	105639	13.380	ug/l #	78

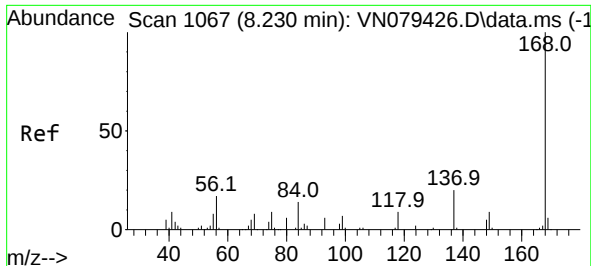
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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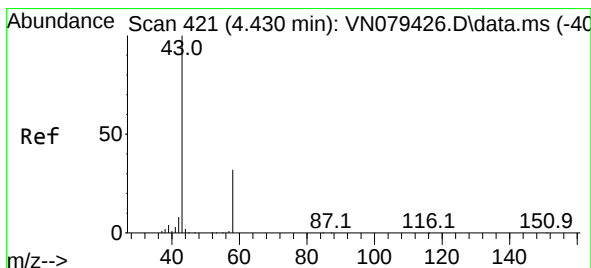
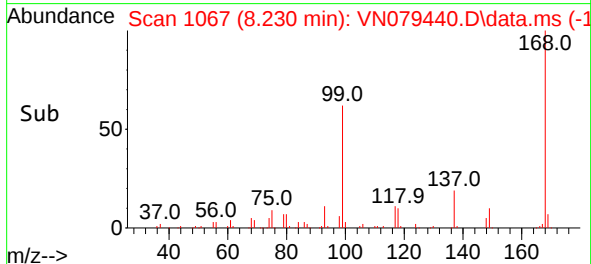
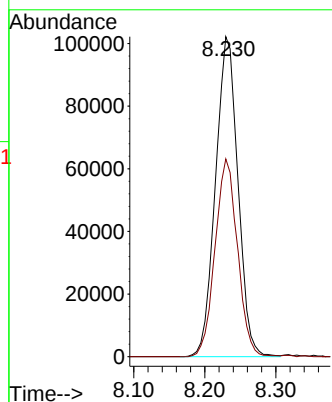
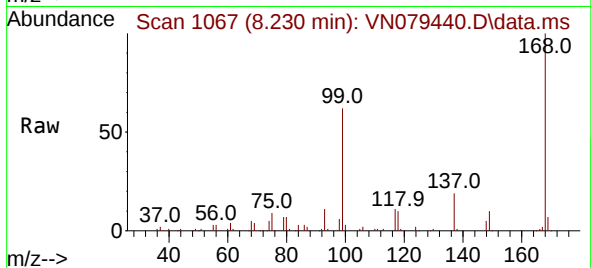




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079440.D
Acq: 06 Oct 2023 12:17

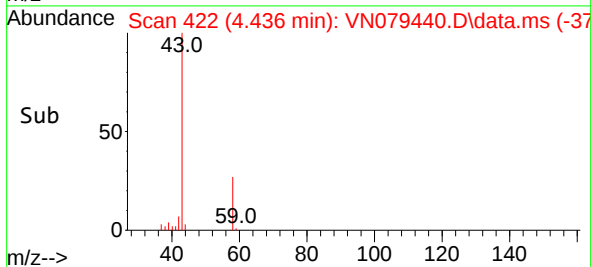
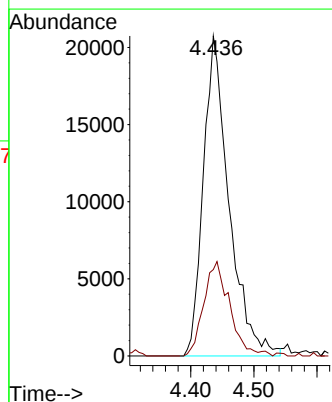
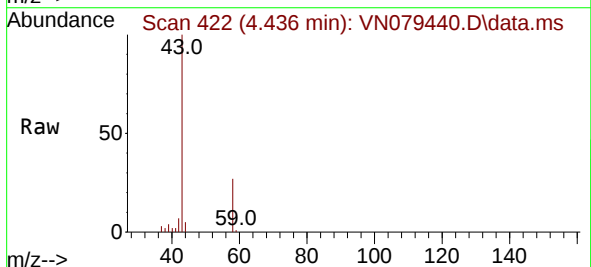
Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion:168 Resp: 223990
Ion Ratio Lower Upper
168 100
99 61.8 53.0 79.6



#16
Acetone
Concen: 40.698 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079440.D
Acq: 06 Oct 2023 12:17

Tgt Ion: 43 Resp: 58625
Ion Ratio Lower Upper
43 100
58 27.0 28.0 42.0#

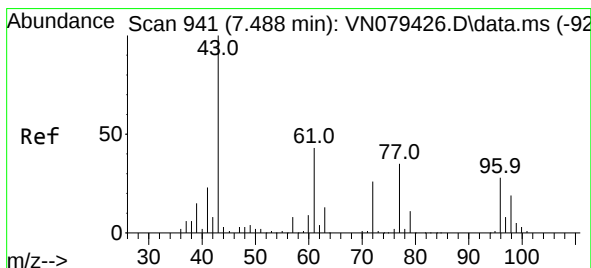
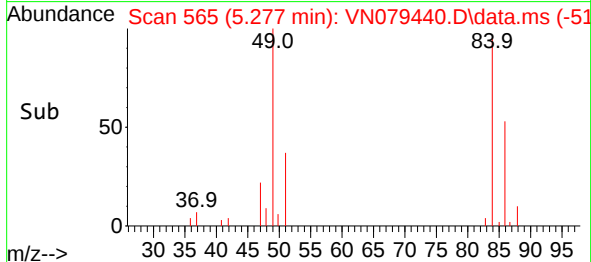
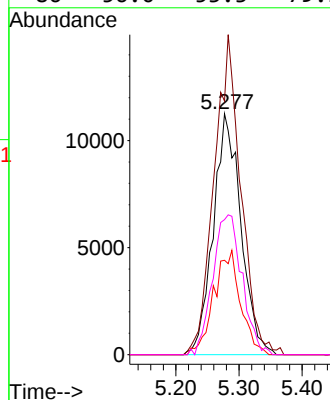
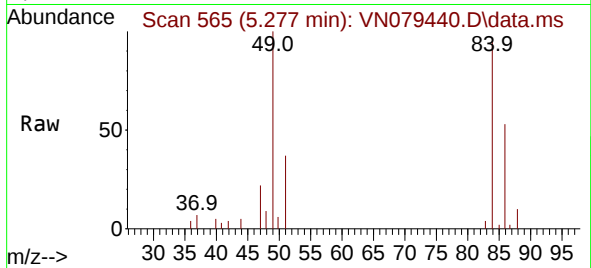




#20
Methylene Chloride
Concen: 10.388 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079440.D
Acq: 06 Oct 2023 12:17

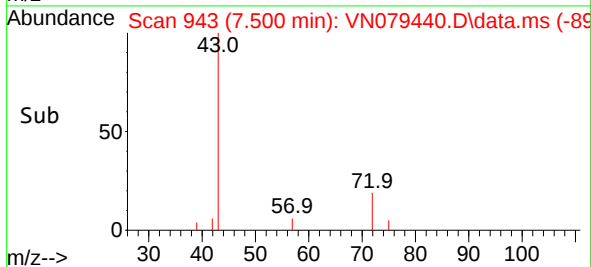
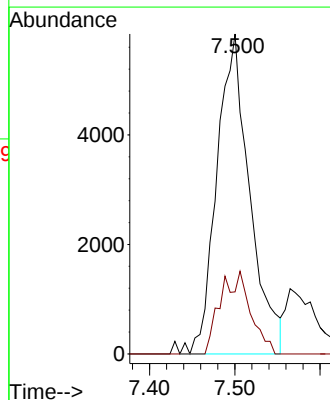
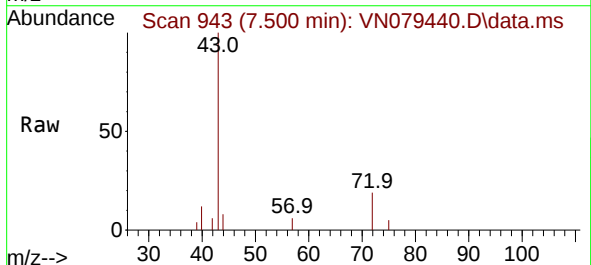
Instrument :
MSVOA_N
ClientSampleId :
TP-2

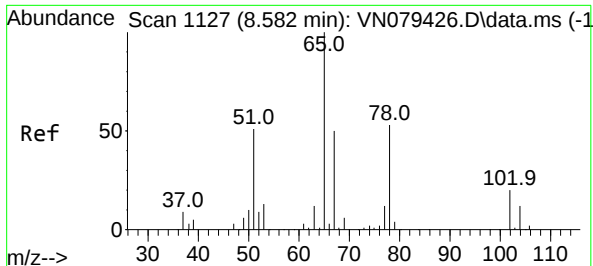
Tgt Ion:	84	Resp:	34273
Ion	Ratio	Lower	Upper
84	100		
49	105.2	79.7	119.5
51	39.2	25.2	37.8#
86	56.0	53.3	79.9



#25
2-Butanone
Concen: 7.329 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN079440.D
Acq: 06 Oct 2023 12:17

Tgt Ion:	43	Resp:	15670
Ion	Ratio	Lower	Upper
43	100		
72	19.4	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 55.535 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079440.D

Acq: 06 Oct 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

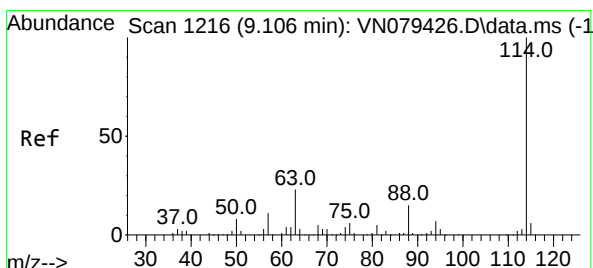
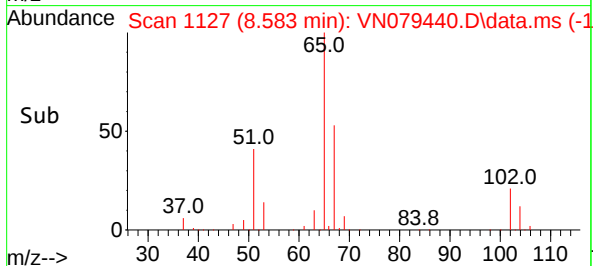
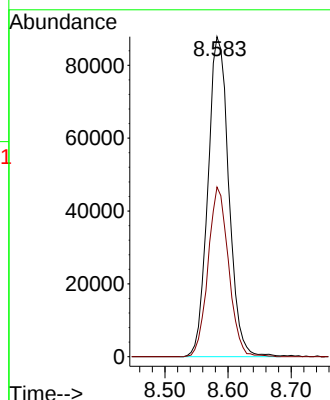
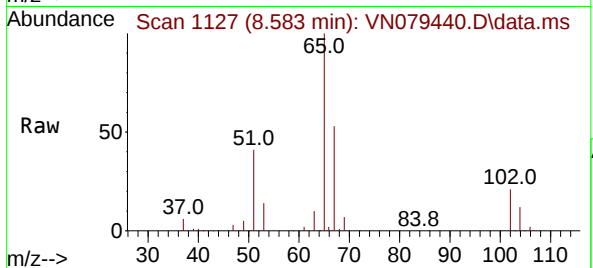
TP-2

Tgt Ion: 65 Resp: 201694

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: VN079440.D

Acq: 06 Oct 2023 12:17

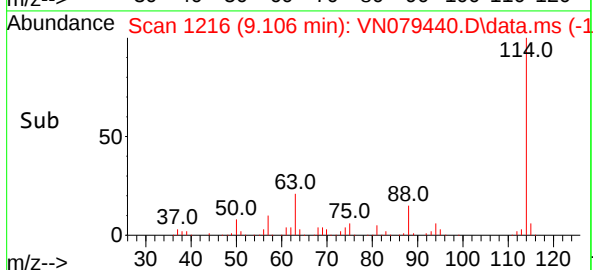
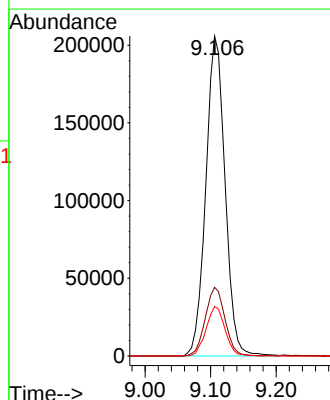
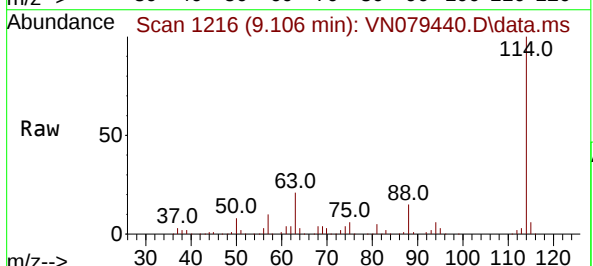
Tgt Ion: 114 Resp: 419900

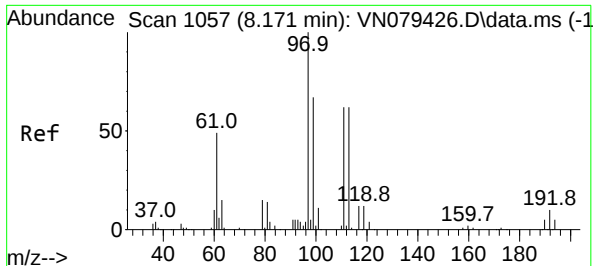
Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

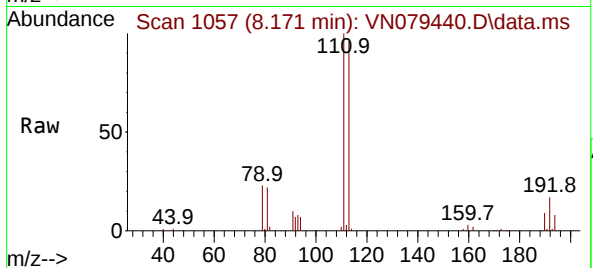
88 15.4 0.0 30.6



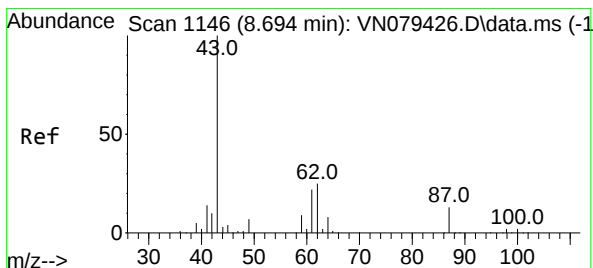
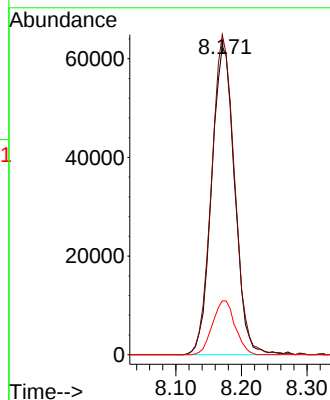
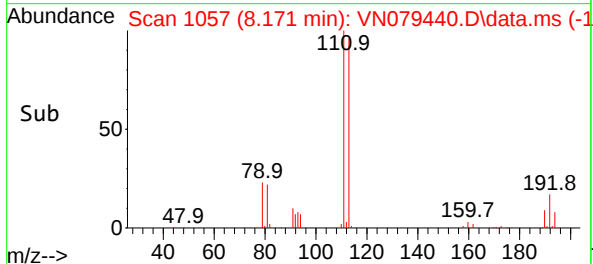


#35
Dibromofluoromethane
Concen: 50.496 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079440.D
Acq: 06 Oct 2023 12:17

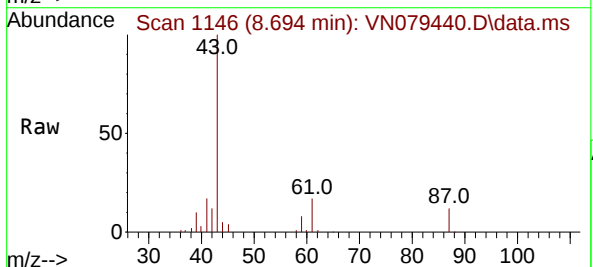
Instrument :
MSVOA_N
ClientSampleId :
TP-2



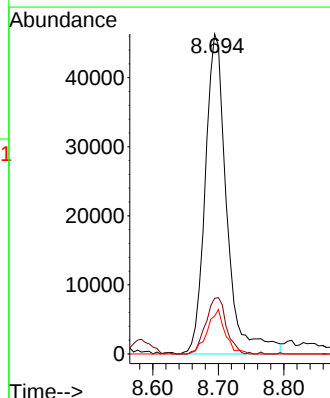
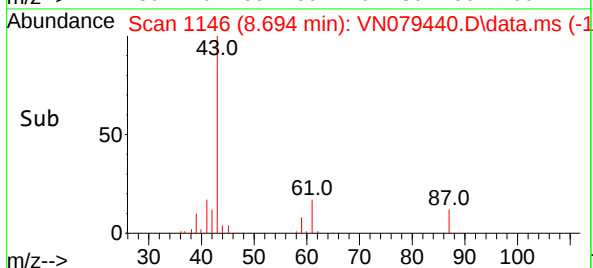
Tgt Ion:113 Resp: 152374
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 17.1 12.7 19.1

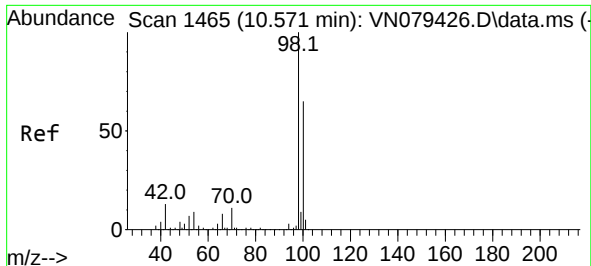


#43
Isopropyl Acetate
Concen: 13.380 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079440.D
Acq: 06 Oct 2023 12:17



Tgt Ion: 43 Resp: 105639
Ion Ratio Lower Upper
43 100
61 16.7 24.7 37.1#
87 11.5 14.6 21.8#

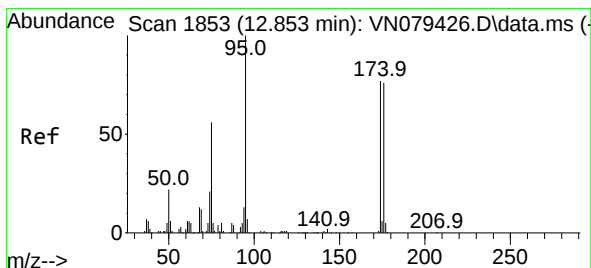
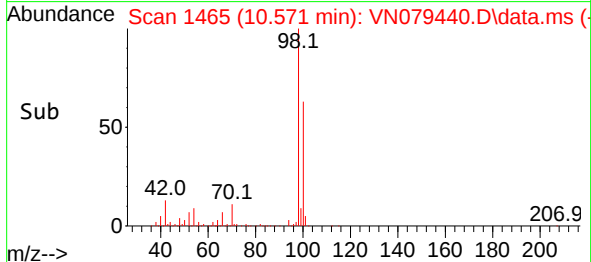
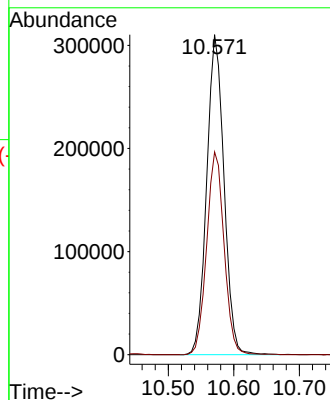
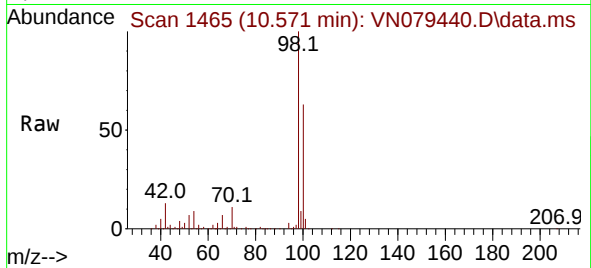




#50
Toluene-d8
Concen: 52.072 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079440.D
Acq: 06 Oct 2023 12:17

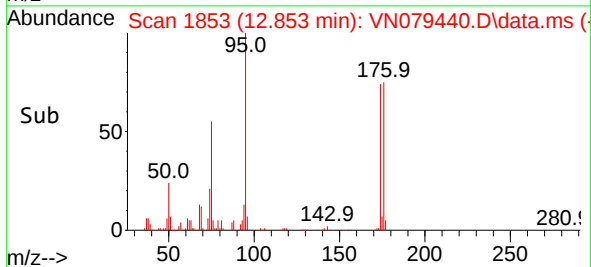
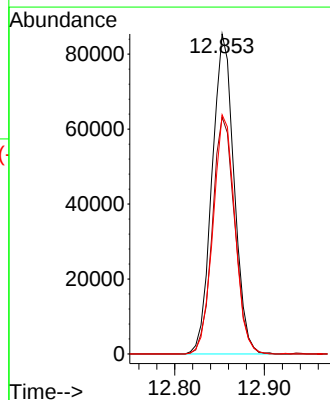
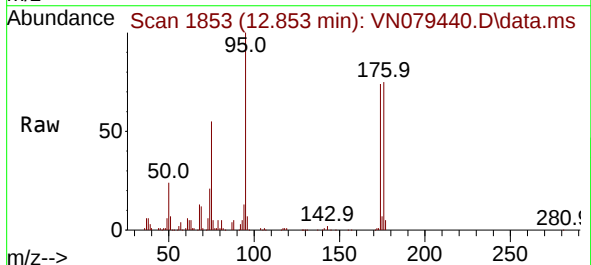
Instrument :
MSVOA_N
ClientSampleId :
TP-2

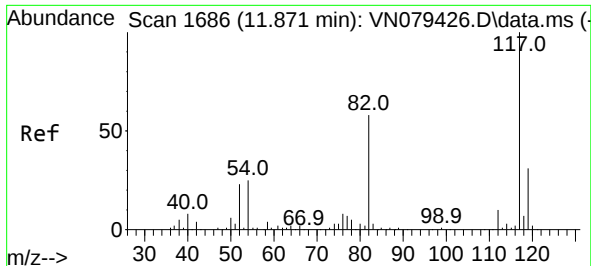
Tgt Ion: 98 Resp: 568545
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.505 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079440.D
Acq: 06 Oct 2023 12:17

Tgt Ion: 95 Resp: 145432
Ion Ratio Lower Upper
95 100
174 75.2 0.0 143.8
176 74.1 0.0 135.8

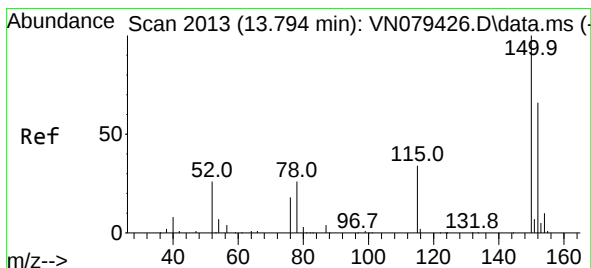
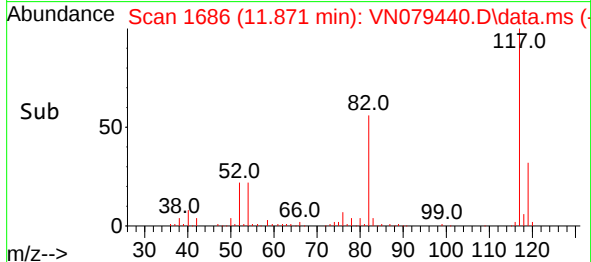
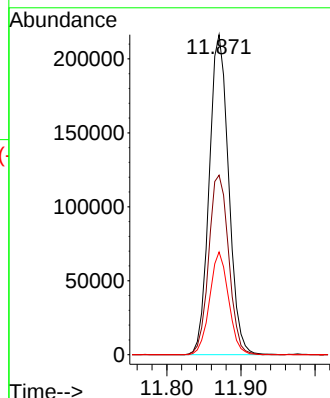
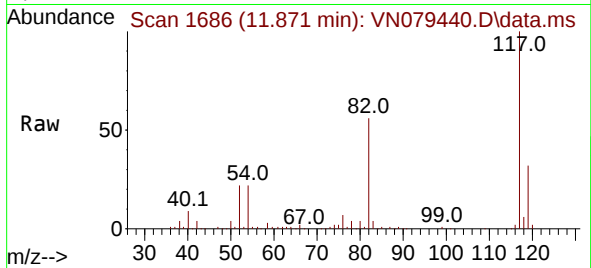




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079440.D
Acq: 06 Oct 2023 12:17

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion:117 Resp: 393732
Ion Ratio Lower Upper
117 100
82 56.1 44.0 66.0
119 32.1 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: VN079440.D
Acq: 06 Oct 2023 12:17

Tgt Ion:152 Resp: 104517
Ion Ratio Lower Upper
152 100
115 59.2 32.3 96.8
150 156.0 0.0 355.8

