

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102323\
 Data File : VN079644.D
 Acq On : 23 Oct 2023 13:23
 Operator : JC\MD
 Sample : PB156545ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156545ZHE#04

Quant Time: Oct 23 23:49:34 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)

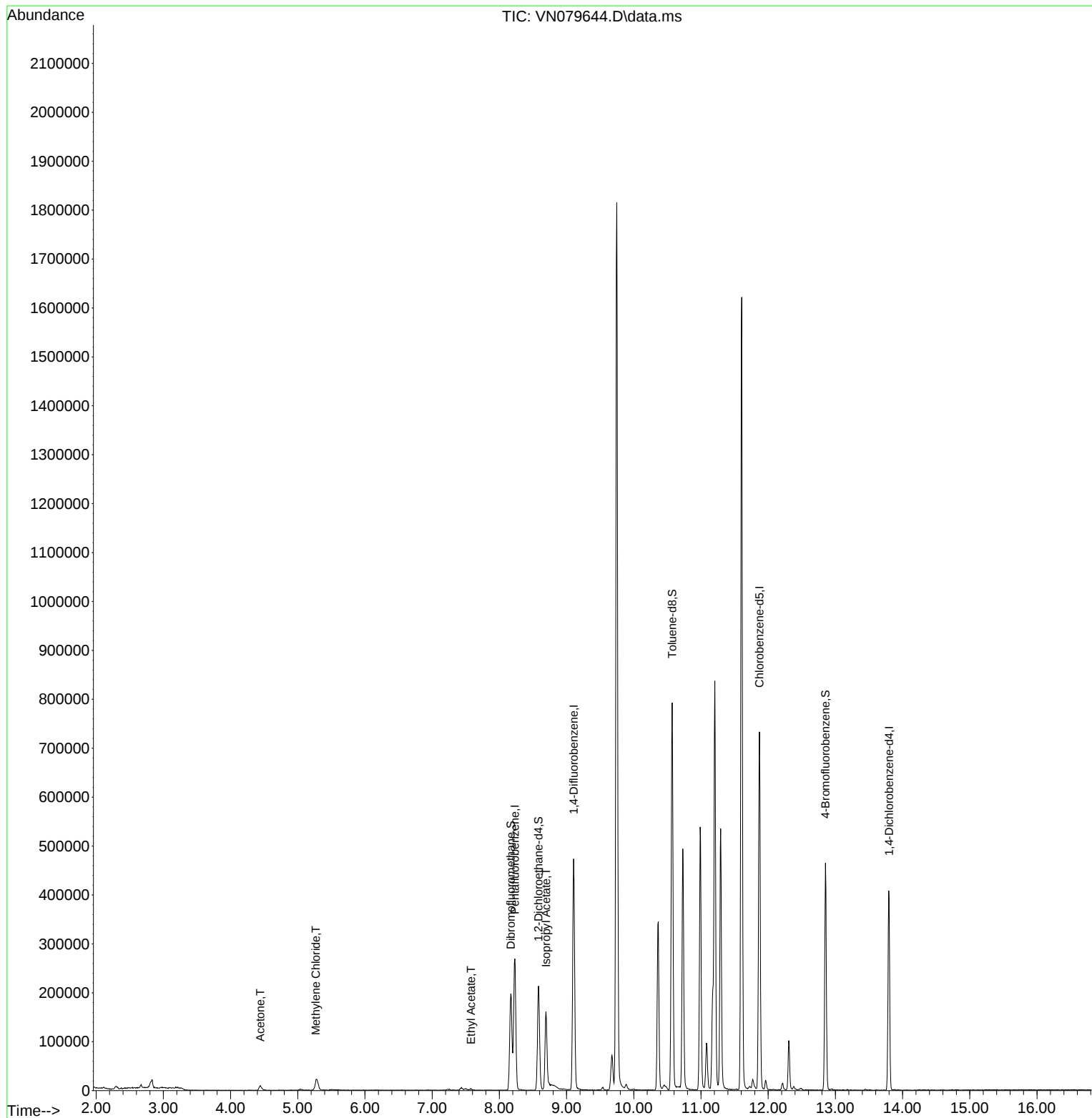
Internal Standards						
1) Pentafluorobenzene	8.230	168	187688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	391354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	411886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	106174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	167362	54.995	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	=	110.000%	
35) Dibromofluoromethane	8.171	113	141476	50.304	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	=	100.600%	
50) Toluene-d8	10.571	98	536677	52.739	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	=	105.480%	
62) 4-Bromofluorobenzene	12.853	95	151487	46.387	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	=	92.780%	
Target Compounds						Qvalue
16) Acetone	4.442	43	17300	14.333	ug/l #	84
20) Methylene Chloride	5.271	84	17506	6.094	ug/l	88
37) Ethyl Acetate	7.577	43	4750	1.131	ug/l #	80
43) Isopropyl Acetate	8.694	43	182564	24.810	ug/l #	78

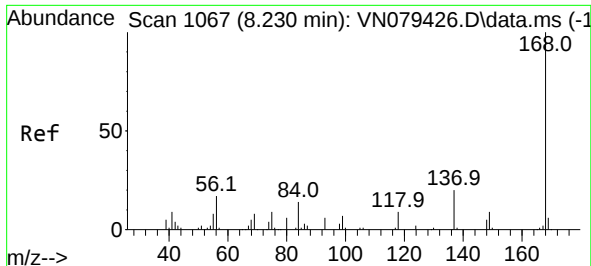
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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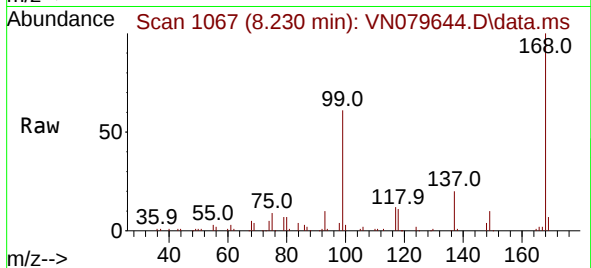
Quant Time: Oct 23 23:49:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 03:34:49 2023
Response via : Initial Calibration



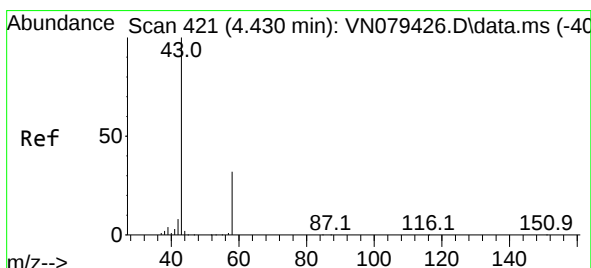
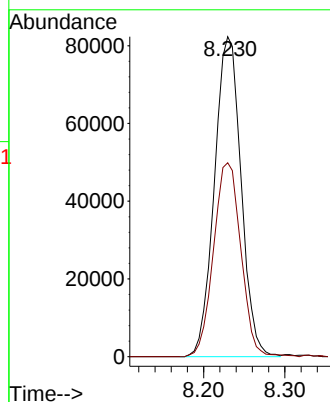
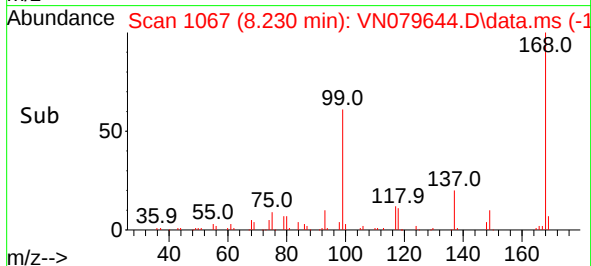


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079644.D
Acq: 23 Oct 2023 13:23

Instrument :
MSVOA_N
ClientSampleId :
PB156545ZHE#04

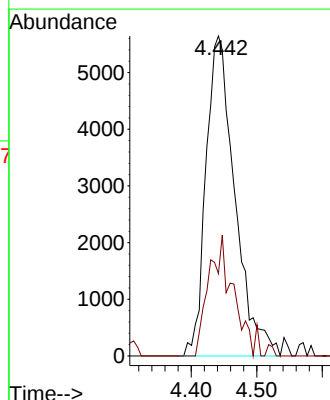
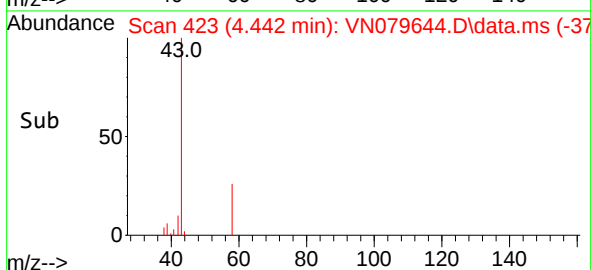
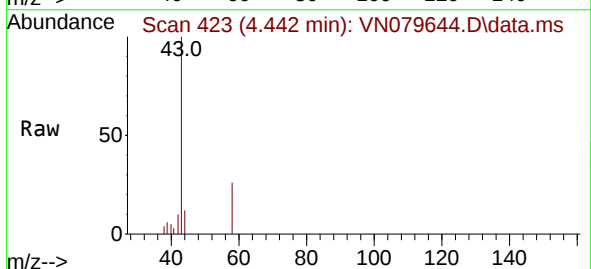


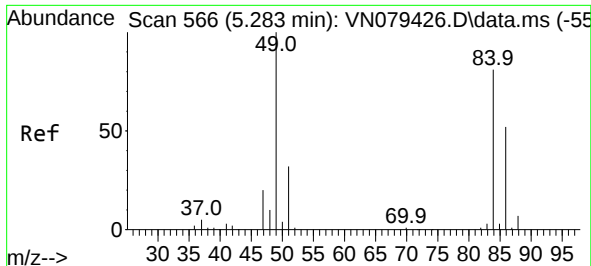
Tgt Ion:168 Resp: 187688
Ion Ratio Lower Upper
168 100
99 60.6 53.0 79.6



#16
Acetone
Concen: 14.333 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079644.D
Acq: 23 Oct 2023 13:23

Tgt Ion: 43 Resp: 17300
Ion Ratio Lower Upper
43 100
58 25.8 28.0 42.0#

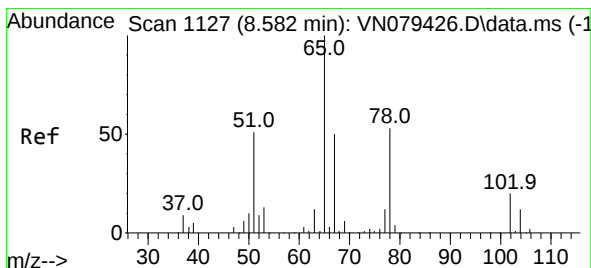
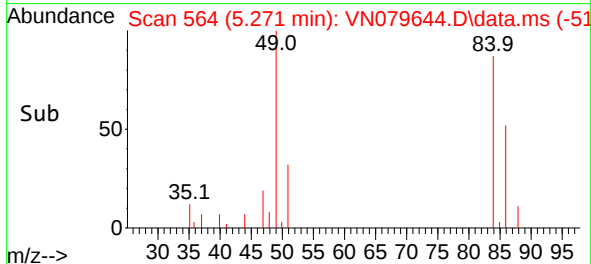
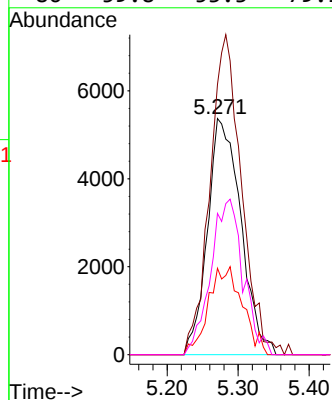
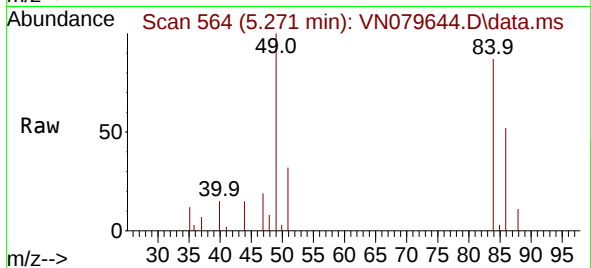




#20
Methylene Chloride
Concen: 6.094 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN079644.D
Acq: 23 Oct 2023 13:23

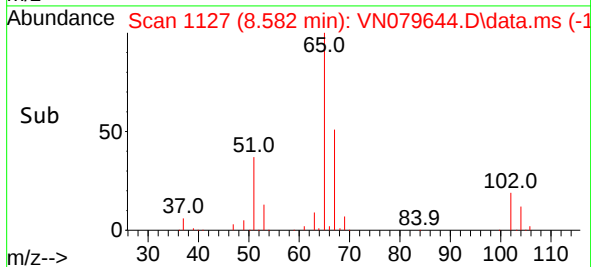
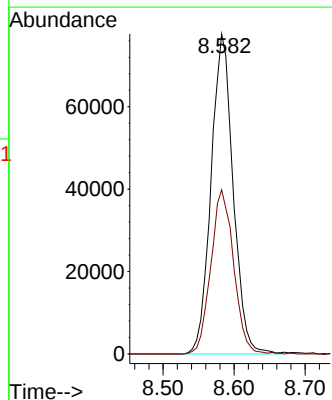
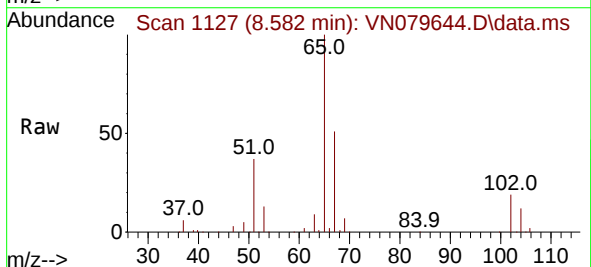
Instrument :
MSVOA_N
ClientSampleId :
PB156545ZHE#04

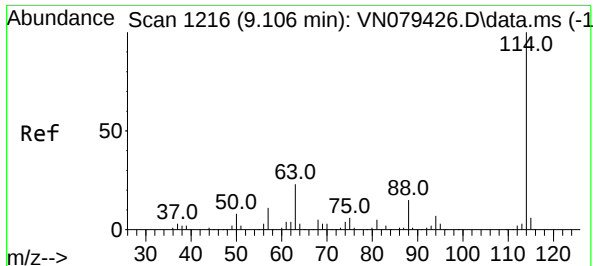
Tgt Ion:	84	Resp:	17506
Ion	Ratio	Lower	Upper
84	100		
49	114.4	79.7	119.5
51	36.6	25.2	37.8
86	59.8	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 54.995 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079644.D
Acq: 23 Oct 2023 13:23

Tgt Ion:	65	Resp:	167362
Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079644.D

Acq: 23 Oct 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

PB156545ZHE#04

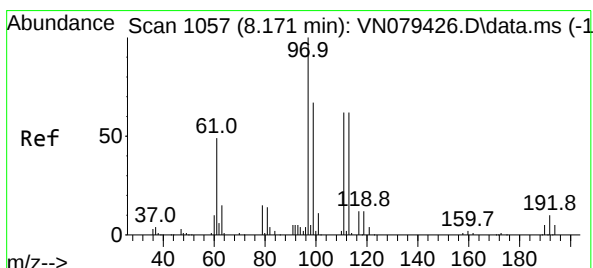
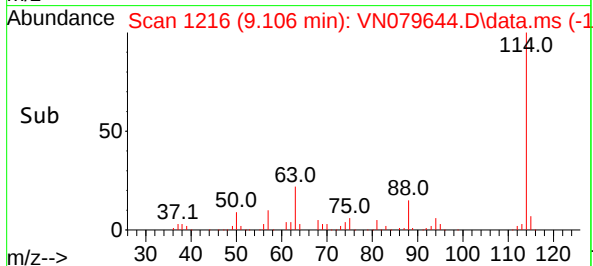
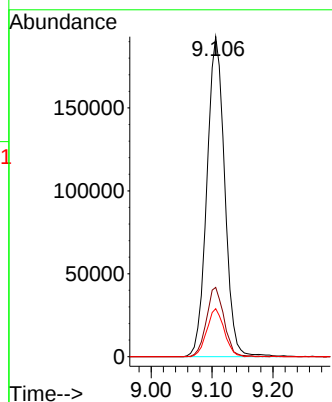
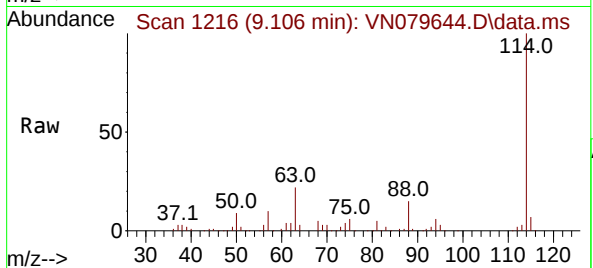
Tgt Ion:114 Resp: 391354

Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.304 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079644.D

Acq: 23 Oct 2023 13:23

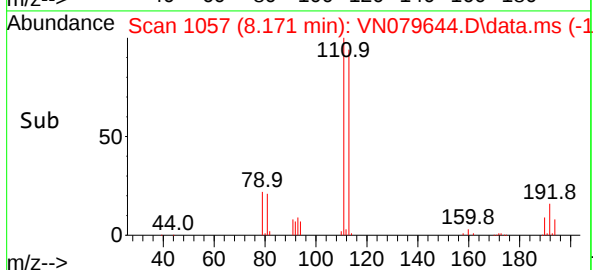
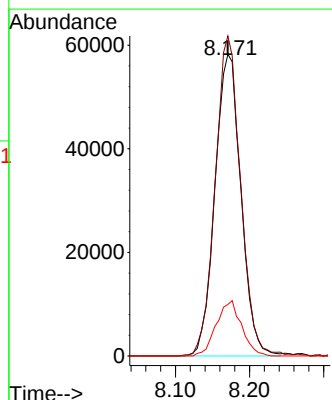
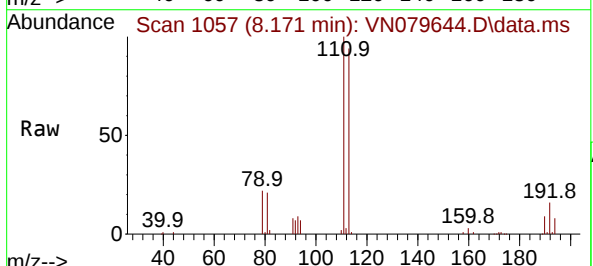
Tgt Ion:113 Resp: 141476

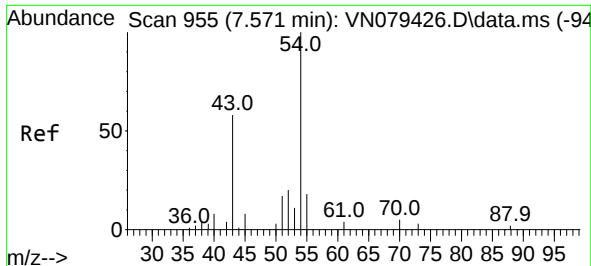
Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

192 17.9 12.7 19.1





#37

Ethyl Acetate

Concen: 1.131 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN079644.D

Acq: 23 Oct 2023 13:23

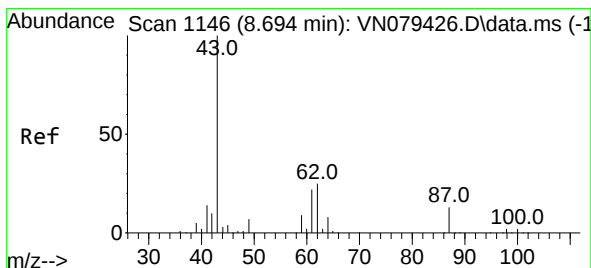
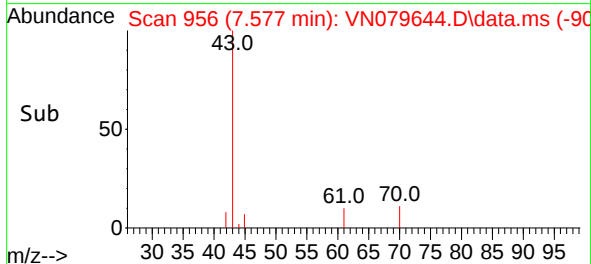
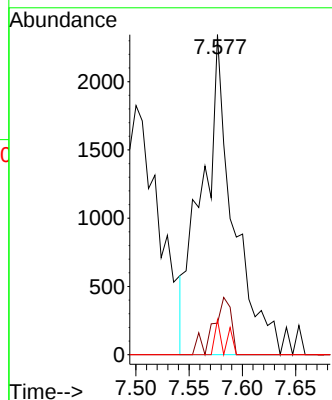
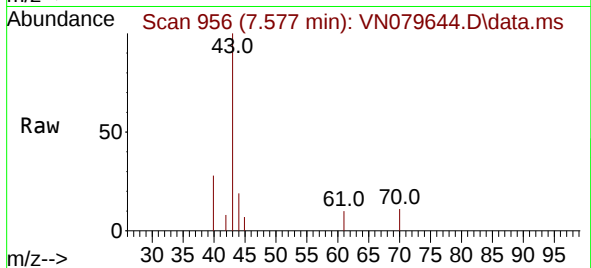
Instrument :

MSVOA_N

ClientSampleId :

PB156545ZHE#04

Tgt Ion: 43	Resp: 4750
Ion Ratio	Lower Upper
43	100
61	10.3 13.2 19.8#
70	3.4 11.3 16.9#



#43

Isopropyl Acetate

Concen: 24.810 ug/l

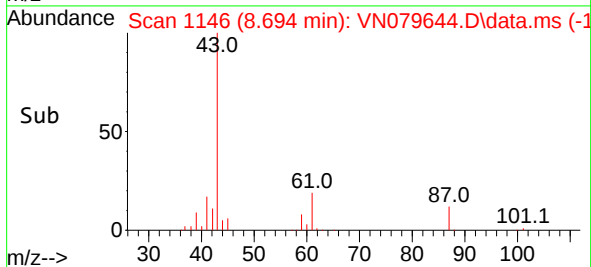
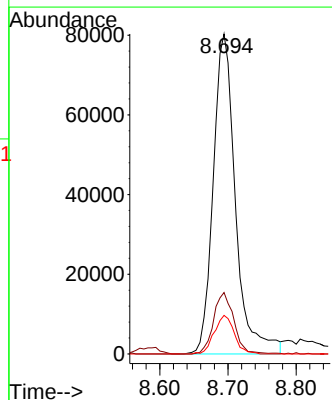
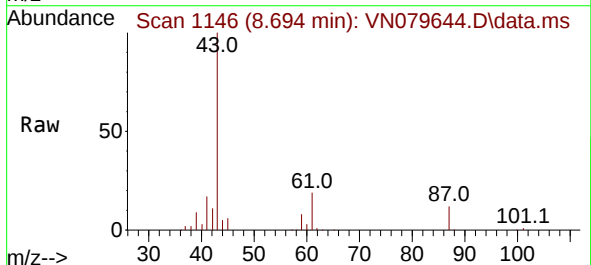
RT: 8.694 min Scan# 1146

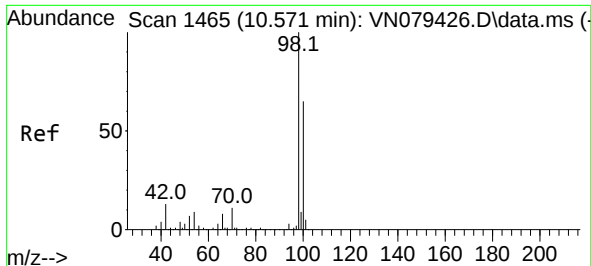
Delta R.T. -0.000 min

Lab File: VN079644.D

Acq: 23 Oct 2023 13:23

Tgt Ion: 43	Resp: 182564
Ion Ratio	Lower Upper
43	100
61	17.5 24.7 37.1#
87	10.8 14.6 21.8#

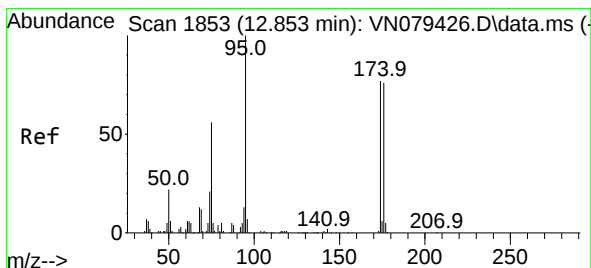
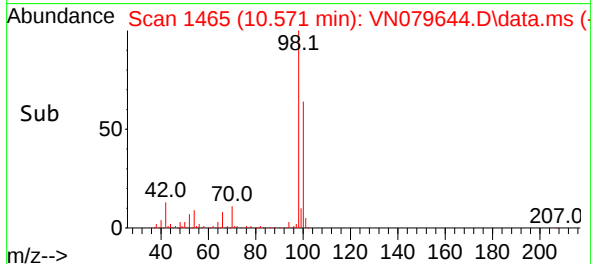
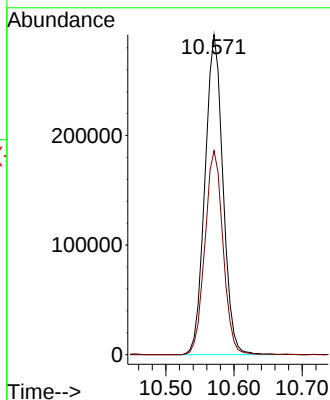
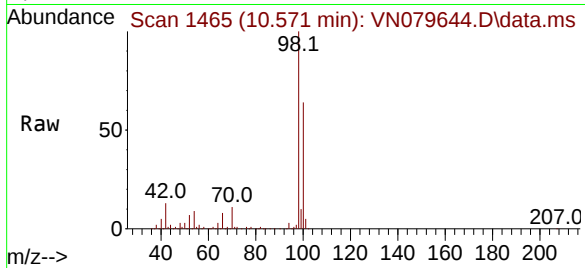




#50
Toluene-d8
Concen: 52.739 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079644.D
Acq: 23 Oct 2023 13:23

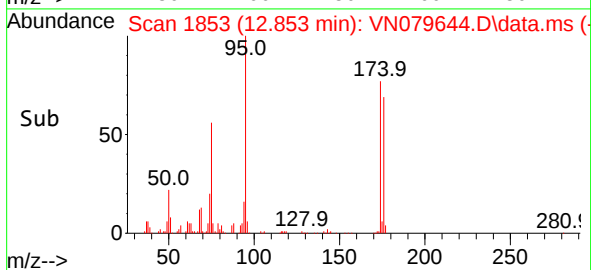
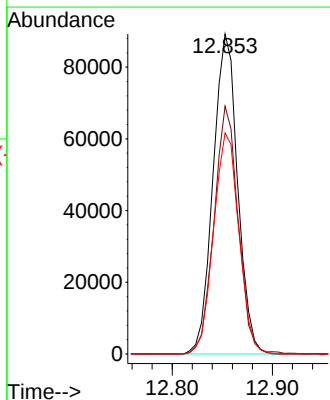
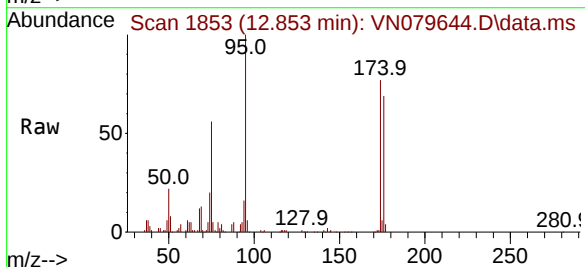
Instrument :
MSVOA_N
ClientSampleId :
PB156545ZHE#04

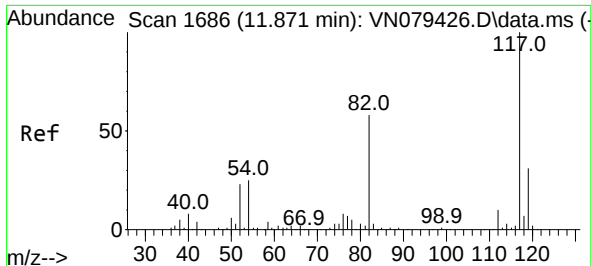
Tgt Ion: 98 Resp: 536677
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.387 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079644.D
Acq: 23 Oct 2023 13:23

Tgt Ion: 95 Resp: 151487
Ion Ratio Lower Upper
95 100
174 76.1 0.0 143.8
176 71.5 0.0 135.8

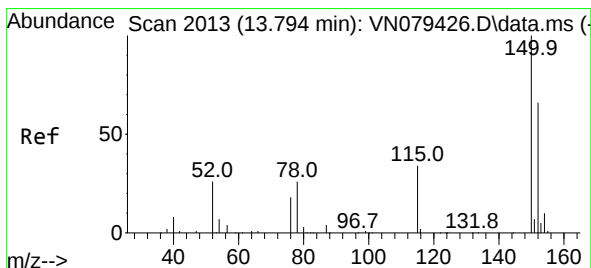
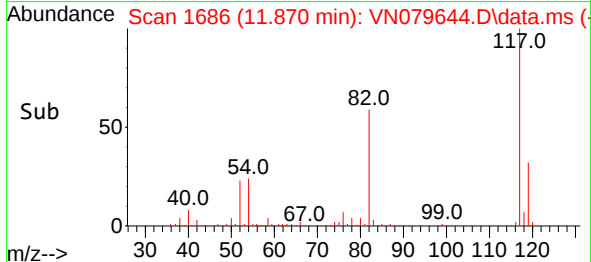
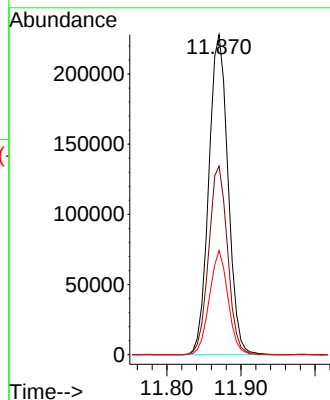
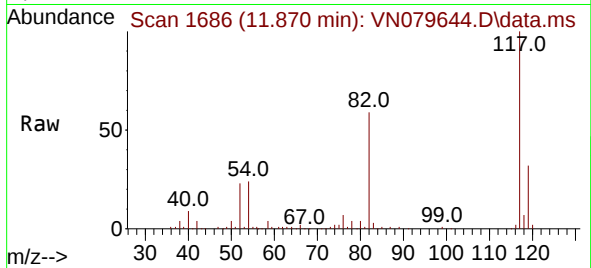




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079644.D
Acq: 23 Oct 2023 13:23

Instrument :
MSVOA_N
ClientSampleId :
PB156545ZHE#04

Tgt Ion:117 Resp: 411886
Ion Ratio Lower Upper
117 100
82 58.9 44.0 66.0
119 32.5 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: VN079644.D
Acq: 23 Oct 2023 13:23

Tgt Ion:152 Resp: 106174
Ion Ratio Lower Upper
152 100
115 61.2 32.3 96.8
150 157.5 0.0 355.8

