

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091523\
 Data File : VN079275.D
 Acq On : 15 Sep 2023 16:30
 Operator : JC\MD
 Sample : PB155573ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155573ZHE#06

Quant Time: Sep 16 01:45:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

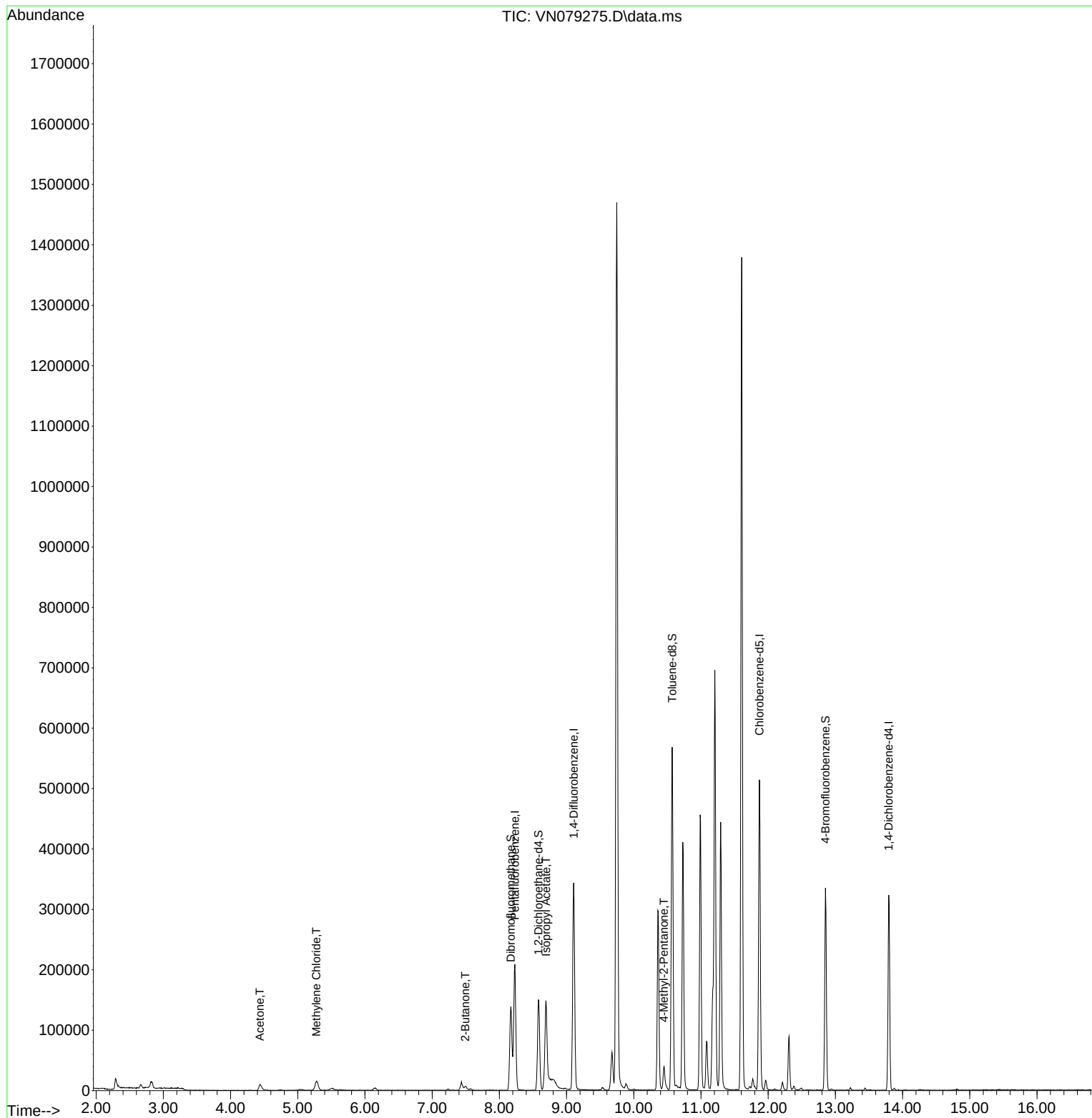
Internal Standards						
1) Pentafluorobenzene	8.229	168	144995	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	286741	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	287116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	82145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	121153	61.898	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	123.800%
35) Dibromofluoromethane	8.171	113	99800	52.324	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.640%
50) Toluene-d8	10.570	98	382668	54.640	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.280%
62) 4-Bromofluorobenzene	12.853	95	112268	50.255	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.500%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	19381	23.315	ug/l	90
20) Methylene Chloride	5.277	84	12045	5.954	ug/l #	83
25) 2-Butanone	7.494	43	11351	9.411	ug/l #	69
43) Isopropyl Acetate	8.694	43	182044	38.047	ug/l #	76
51) 4-Methyl-2-Pentanone	10.447	43	31844	11.465	ug/l #	81

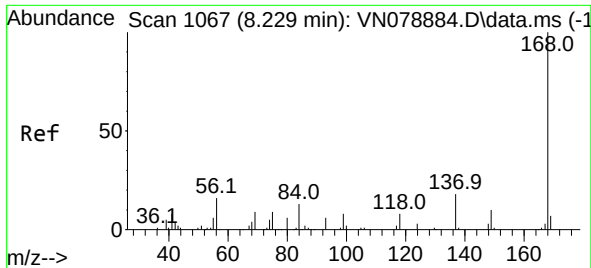
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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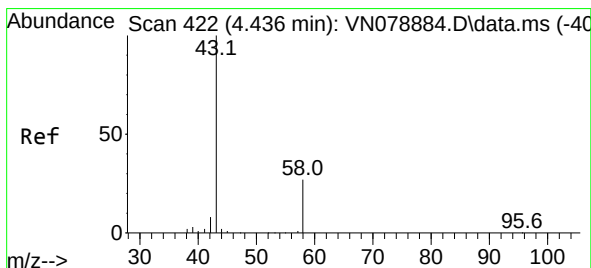
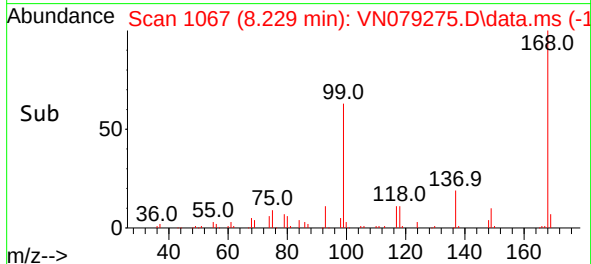
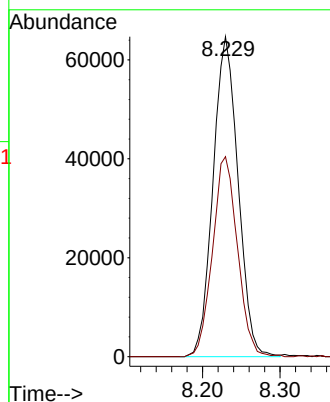
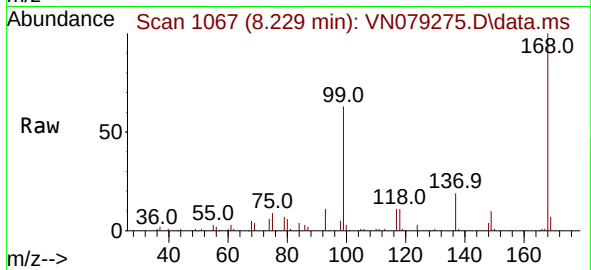




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079275.D
Acq: 15 Sep 2023 16:30

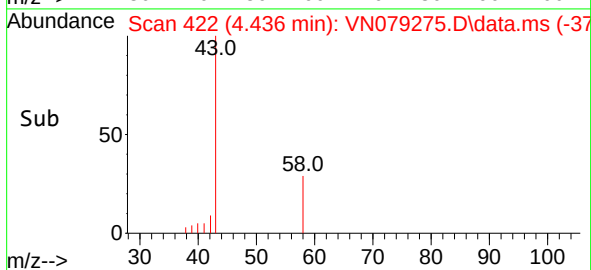
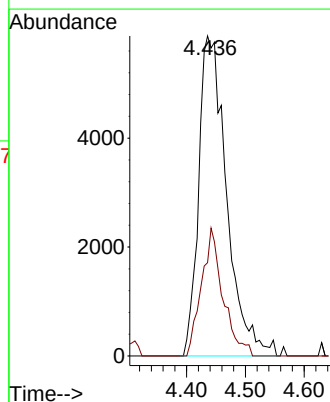
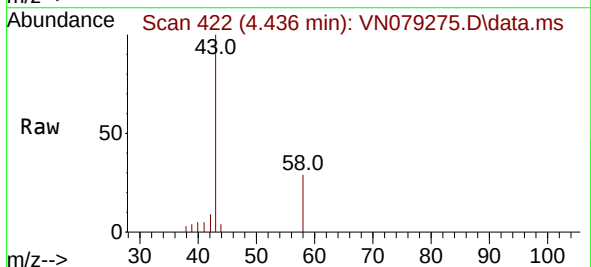
Instrument :
MSVOA_N
ClientSampleId :
PB155573ZHE#06

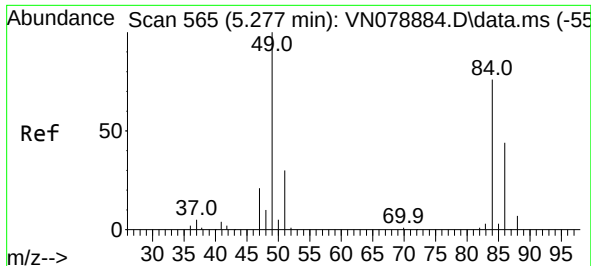
Tgt Ion:168 Resp: 144995
Ion Ratio Lower Upper
168 100
99 62.5 53.0 79.6



#16
Acetone
Concen: 23.315 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079275.D
Acq: 15 Sep 2023 16:30

Tgt Ion: 43 Resp: 19381
Ion Ratio Lower Upper
43 100
58 29.1 28.0 42.0

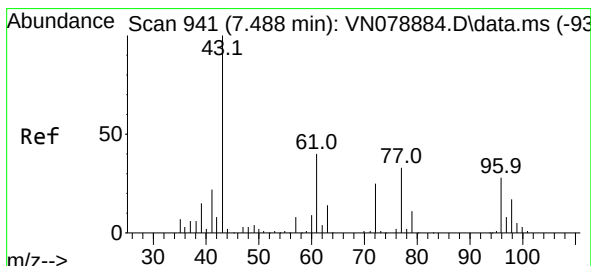
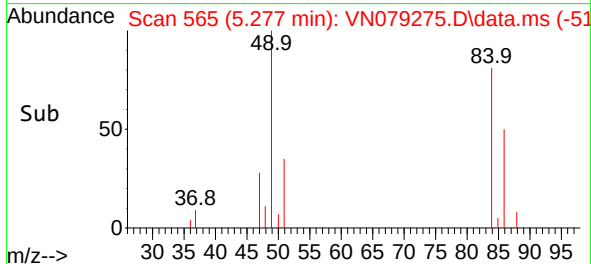
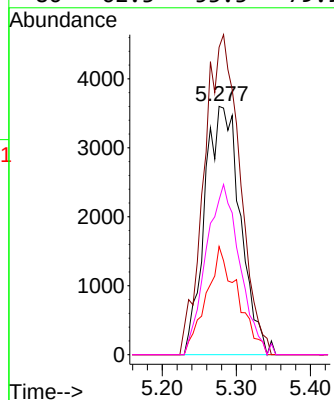
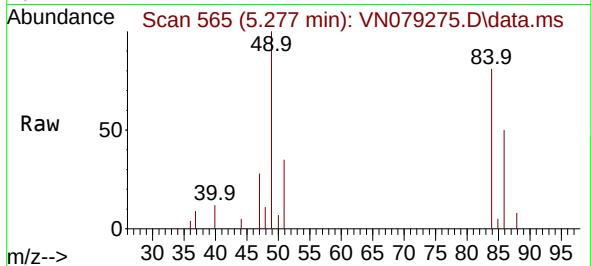




#20
Methylene Chloride
Concen: 5.954 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079275.D
Acq: 15 Sep 2023 16:30

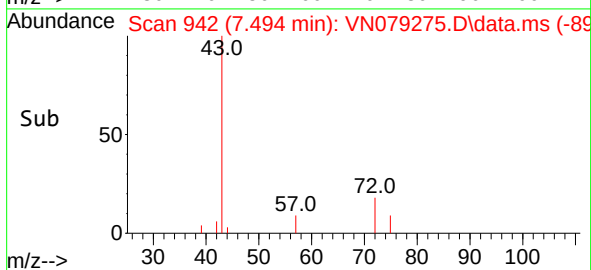
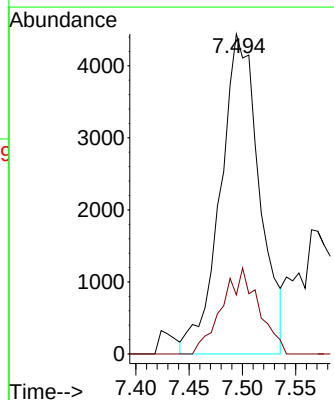
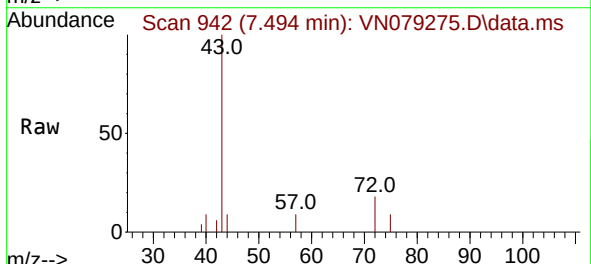
Instrument :
MSVOA_N
ClientSampleId :
PB155573ZHE#06

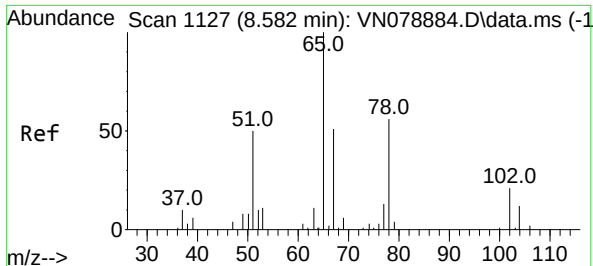
Tgt Ion:	84	Resp:	12045
Ion	Ratio	Lower	Upper
84	100		
49	123.8	79.7	119.5#
51	43.5	25.2	37.8#
86	62.3	53.3	79.9



#25
2-Butanone
Concen: 9.411 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079275.D
Acq: 15 Sep 2023 16:30

Tgt Ion:	43	Resp:	11351
Ion	Ratio	Lower	Upper
43	100		
72	19.1	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 61.898 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079275.D

Acq: 15 Sep 2023 16:30

Instrument :

MSVOA_N

ClientSampleId :

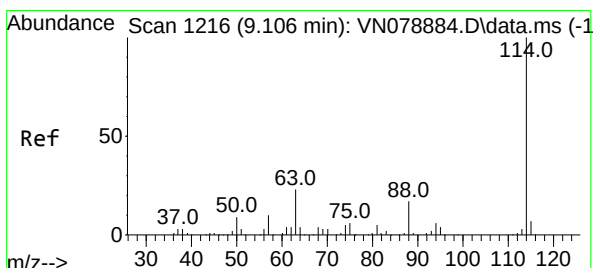
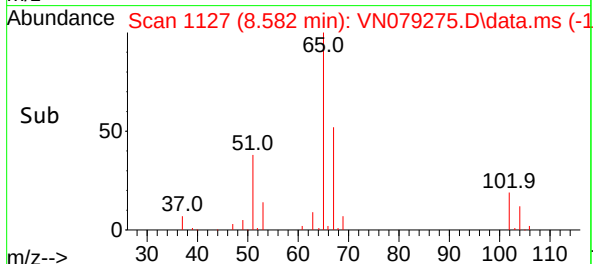
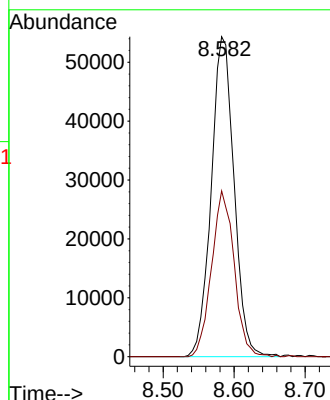
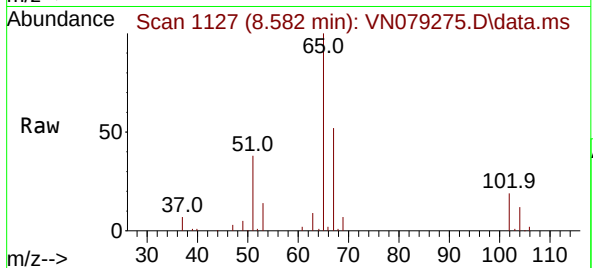
PB155573ZHE#06

Tgt Ion: 65 Resp: 121153

Ion Ratio Lower Upper

65 100

67 51.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079275.D

Acq: 15 Sep 2023 16:30

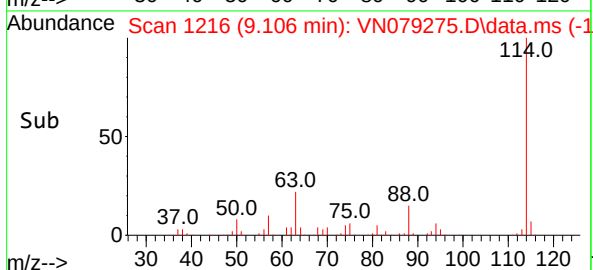
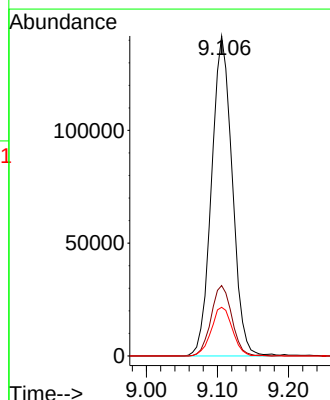
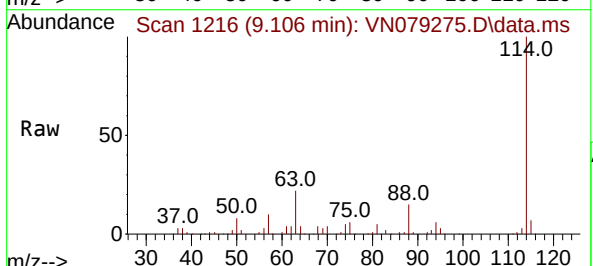
Tgt Ion: 114 Resp: 286741

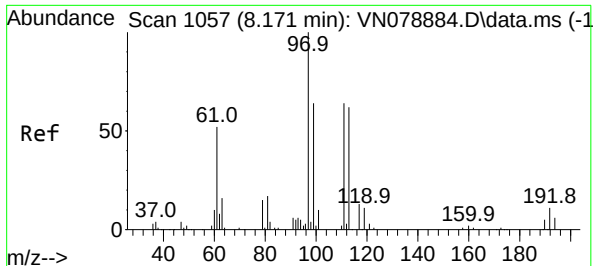
Ion Ratio Lower Upper

114 100

63 22.0 0.0 36.4

88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.324 ug/l

RT: 8.171 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VN079275.D

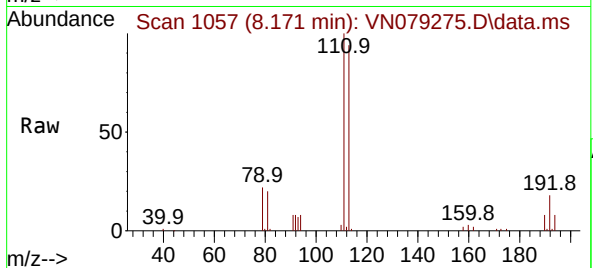
Acq: 15 Sep 2023 16:30

Instrument :

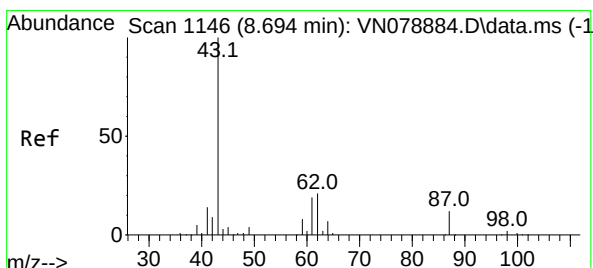
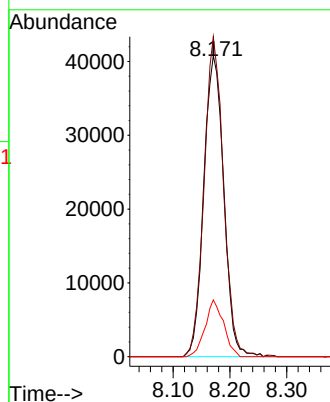
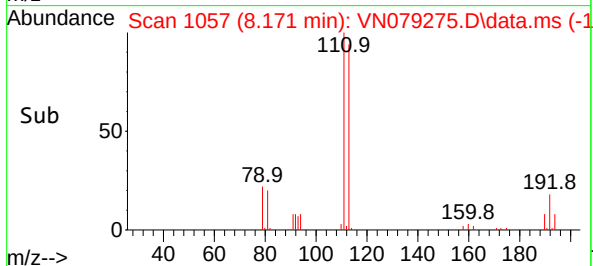
MSVOA_N

ClientSampleId :

PB155573ZHE#06



Tgt Ion:	113	Resp:	99800
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	123.8
192	17.4	12.7	19.1



#43

Isopropyl Acetate

Concen: 38.047 ug/l

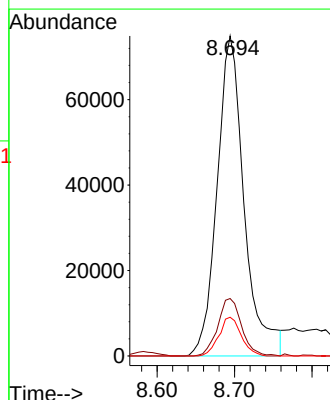
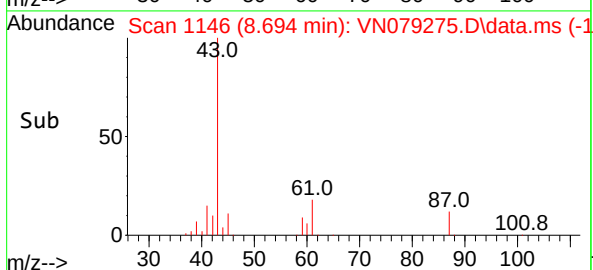
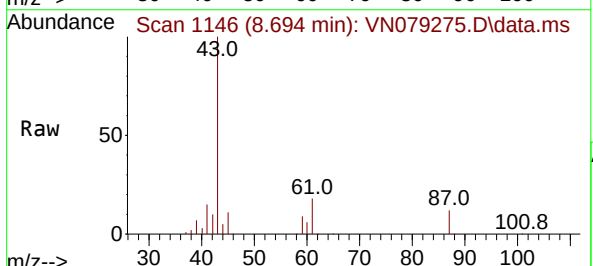
RT: 8.694 min Scan# 1146

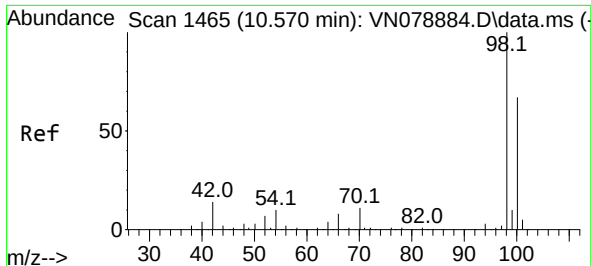
Delta R.T. 0.000 min

Lab File: VN079275.D

Acq: 15 Sep 2023 16:30

Tgt Ion:	43	Resp:	182044
Ion	Ratio	Lower	Upper
43	100		
61	15.8	24.7	37.1#
87	10.0	14.6	21.8#

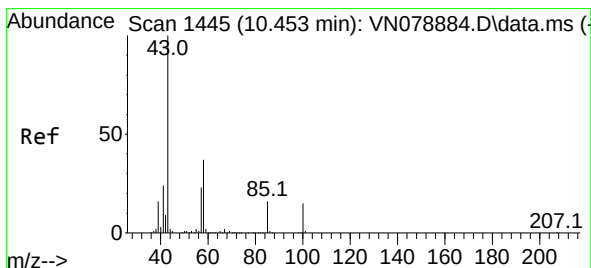
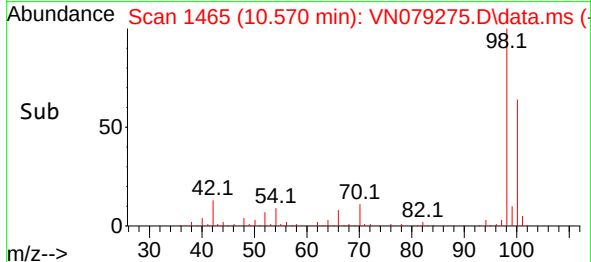
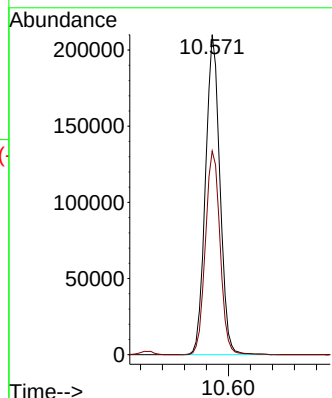
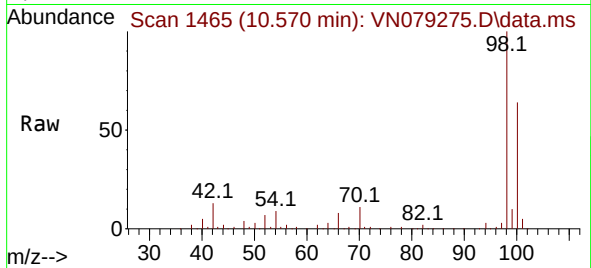




#50
Toluene-d8
Concen: 54.640 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN079275.D
Acq: 15 Sep 2023 16:30

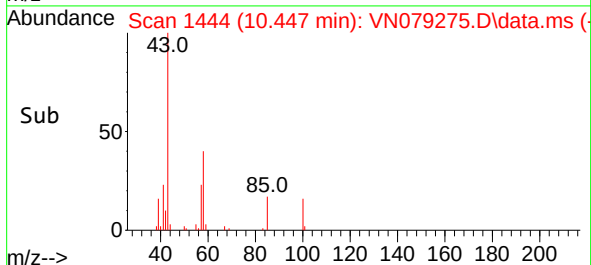
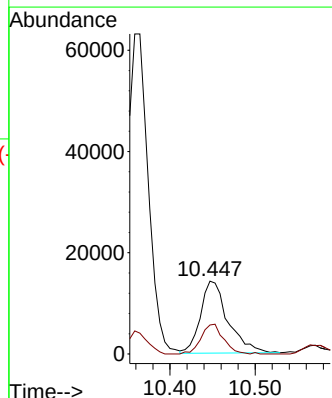
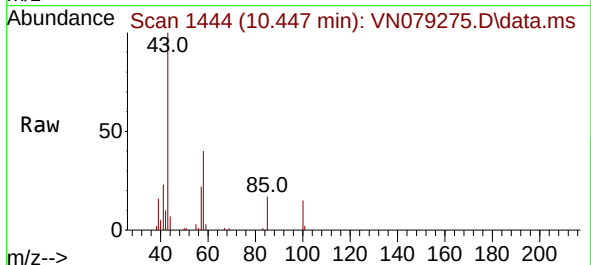
Instrument :
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PB155573ZHE#06

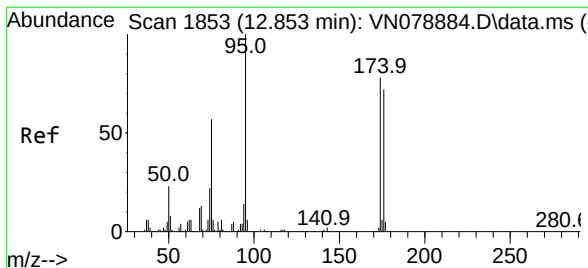
Tgt Ion: 98 Resp: 382668
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 11.465 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079275.D
Acq: 15 Sep 2023 16:30

Tgt Ion: 43 Resp: 31844
Ion Ratio Lower Upper
43 100
58 33.5 36.6 54.8#

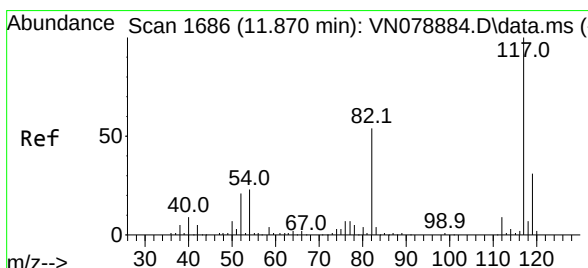
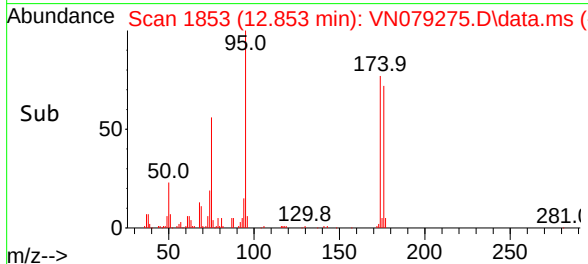
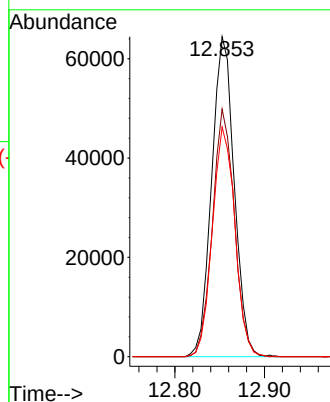
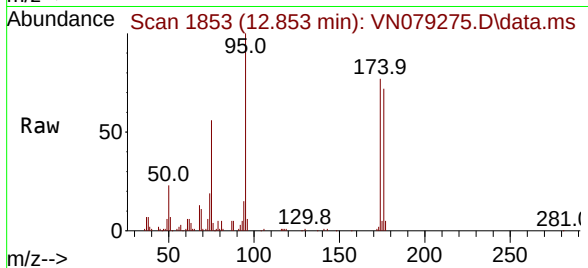




#62
4-Bromofluorobenzene
Concen: 50.255 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079275.D
Acq: 15 Sep 2023 16:30

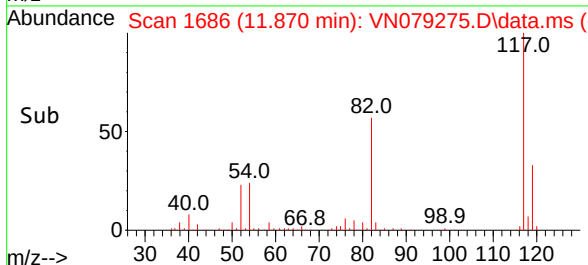
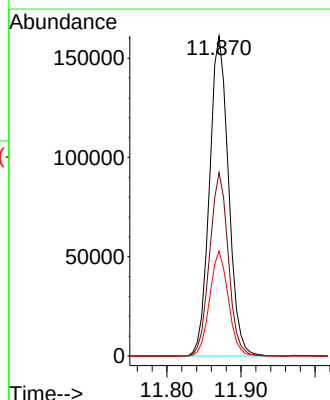
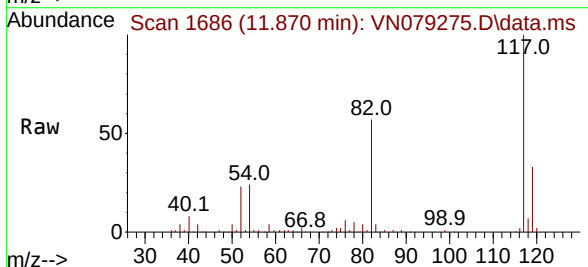
Instrument :
MSVOA_N
ClientSampleId :
PB155573ZHE#06

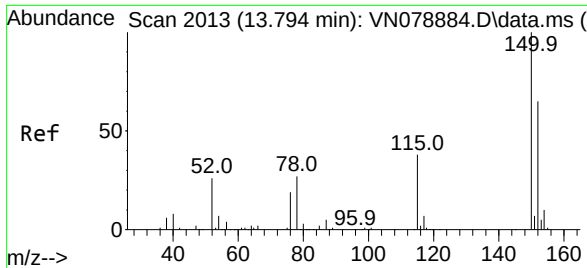
Tgt Ion: 95 Resp: 112268
Ion Ratio Lower Upper
95 100
174 75.4 0.0 143.8
176 71.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079275.D
Acq: 15 Sep 2023 16:30

Tgt Ion: 117 Resp: 287116
Ion Ratio Lower Upper
117 100
82 57.2 44.0 66.0
119 32.8 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN079275.D
 Acq: 15 Sep 2023 16:30

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155573ZHE#06

Tgt Ion:152 Resp: 82145
 Ion Ratio Lower Upper
 152 100
 115 61.9 32.3 96.8
 150 159.8 0.0 355.8

