

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
 Data File : VN079919.D
 Acq On : 06 Nov 2023 13:46
 Operator : JC\MD
 Sample : PB156885ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156885ZHE#02

Quant Time: Nov 07 04:46:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

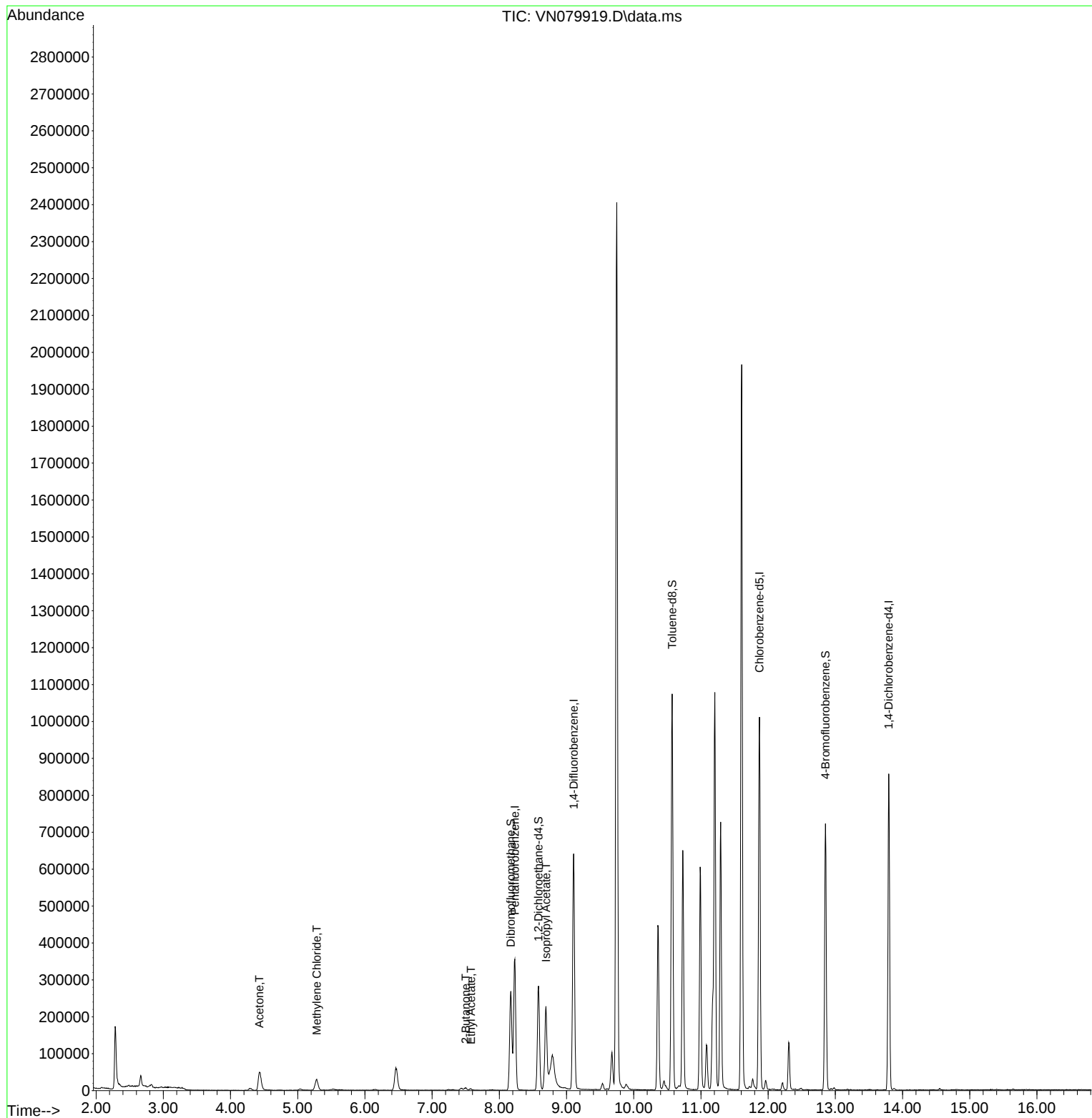
Internal Standards						
1) Pentafluorobenzene	8.230	168	246730	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	529438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	577803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	220319	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	232105	61.746	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 123.500%		
35) Dibromofluoromethane	8.171	113	191392	51.077	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.160%		
50) Toluene-d8	10.571	98	720383	52.222	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 104.440%		
62) 4-Bromofluorobenzene	12.853	95	252151	55.115	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 110.240%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	99140	75.084	ug/l	95
20) Methylene Chloride	5.283	84	22208	6.666	ug/l	87
25) 2-Butanone	7.500	43	11478	5.936	ug/l #	66
37) Ethyl Acetate	7.577	43	5506	1.122	ug/l #	83
43) Isopropyl Acetate	8.694	43	258745	30.069	ug/l #	78

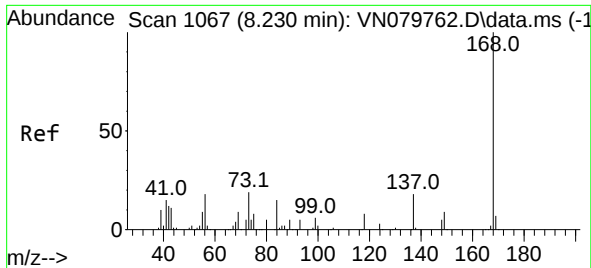
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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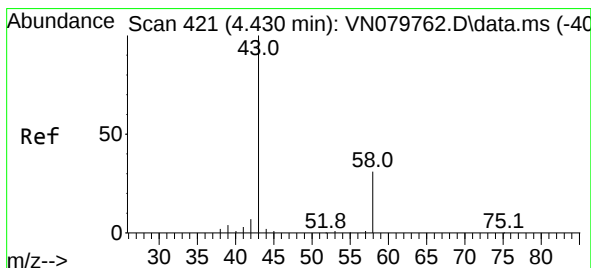
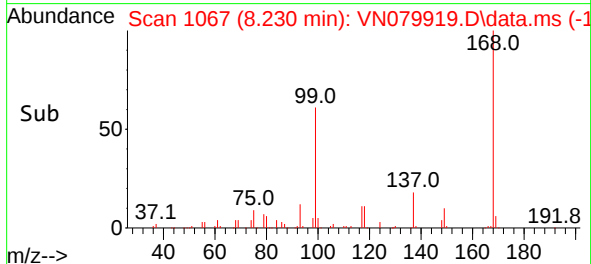
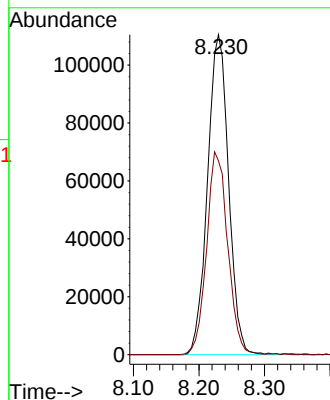
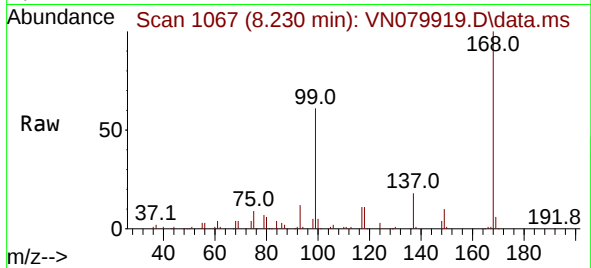




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079919.D
Acq: 06 Nov 2023 13:46

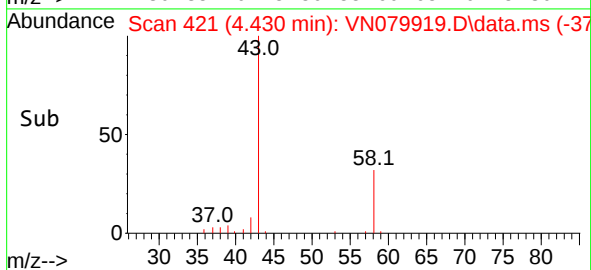
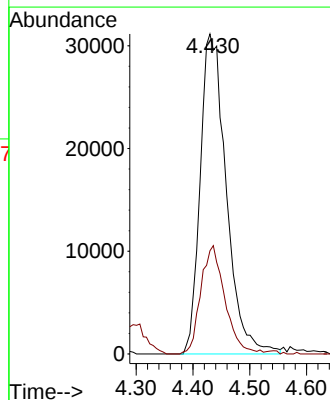
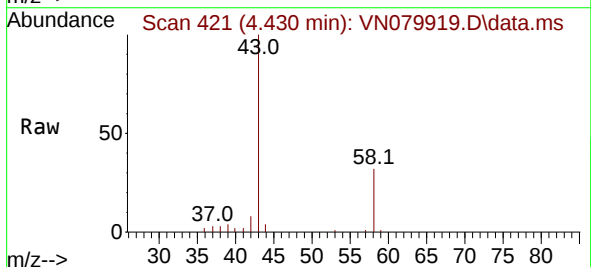
Instrument :
MSVOA_N
ClientSampleId :
PB156885ZHE#02

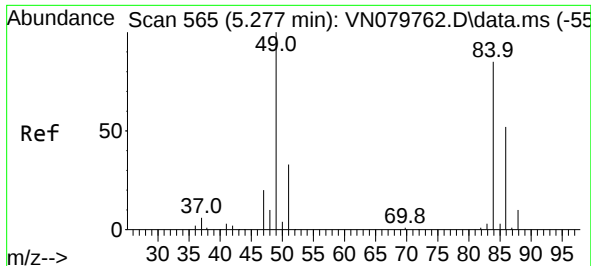
Tgt Ion:168 Resp: 246730
Ion Ratio Lower Upper
168 100
99 60.6 53.0 79.6



#16
Acetone
Concen: 75.084 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN079919.D
Acq: 06 Nov 2023 13:46

Tgt Ion: 43 Resp: 99140
Ion Ratio Lower Upper
43 100
58 32.2 28.0 42.0

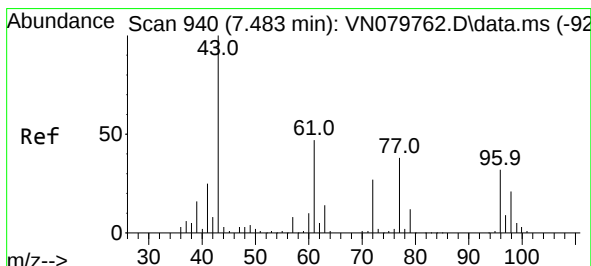
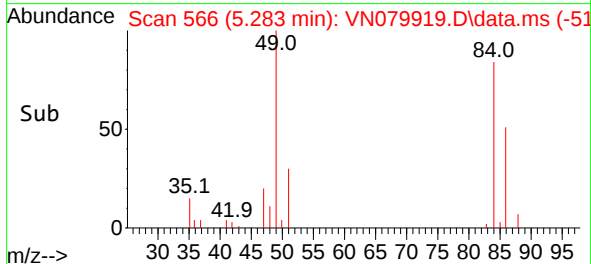
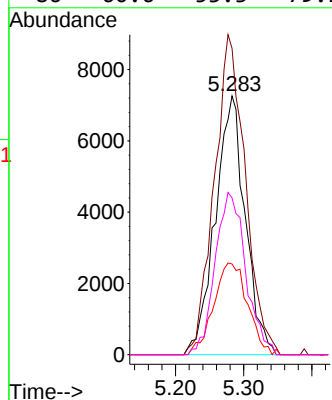
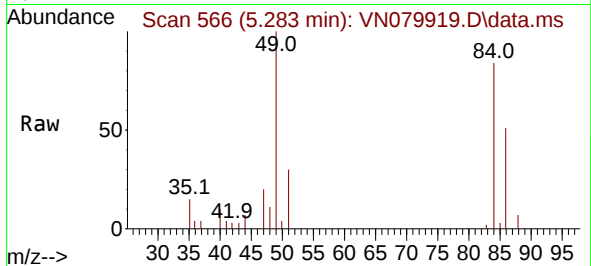




#20
Methylene Chloride
Concen: 6.666 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN079919.D
Acq: 06 Nov 2023 13:46

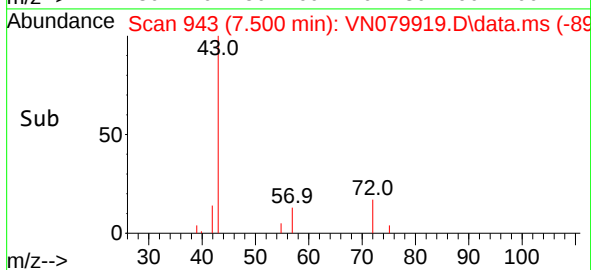
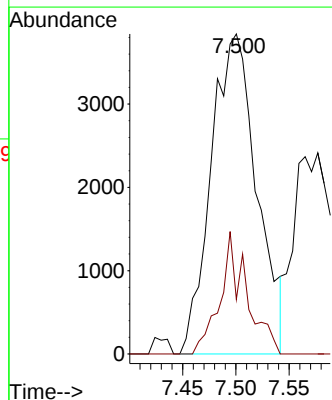
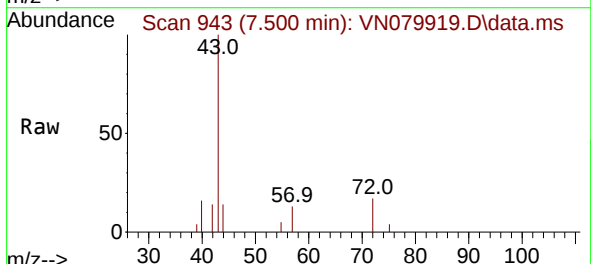
Instrument :
MSVOA_N
ClientSampleId :
PB156885ZHE#02

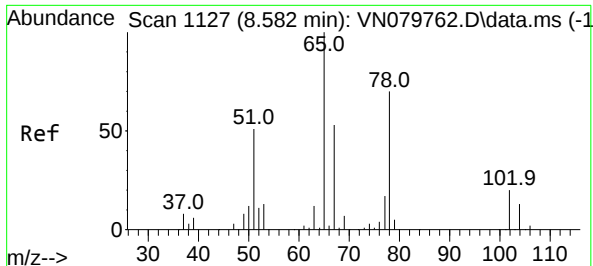
Tgt Ion:	84	Resp:	22208
Ion	Ratio	Lower	Upper
84	100		
49	118.4	79.7	119.5
51	35.1	25.2	37.8
86	60.6	53.3	79.9



#25
2-Butanone
Concen: 5.936 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN079919.D
Acq: 06 Nov 2023 13:46

Tgt Ion:	43	Resp:	11478
Ion	Ratio	Lower	Upper
43	100		
72	17.1	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 61.746 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079919.D

Acq: 06 Nov 2023 13:46

Instrument :

MSVOA_N

ClientSampleId :

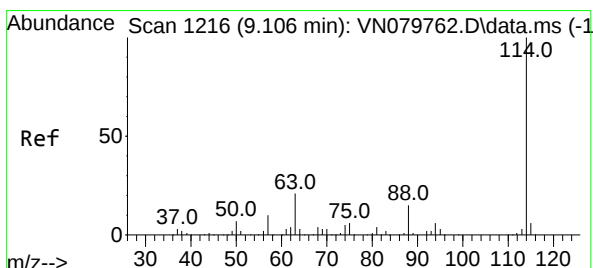
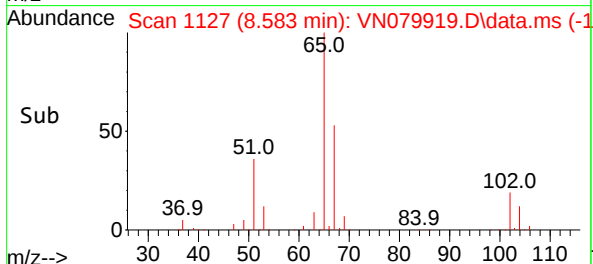
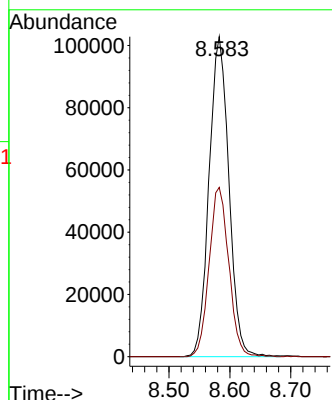
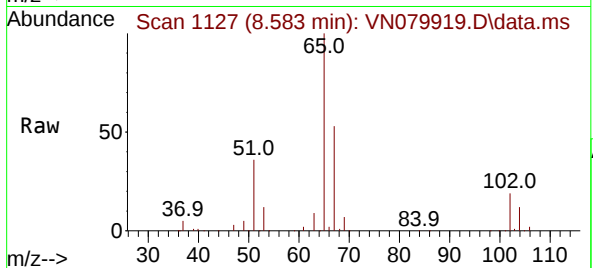
PB156885ZHE#02

Tgt Ion: 65 Resp: 232105

Ion Ratio Lower Upper

65 100

67 52.6 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: VN079919.D

Acq: 06 Nov 2023 13:46

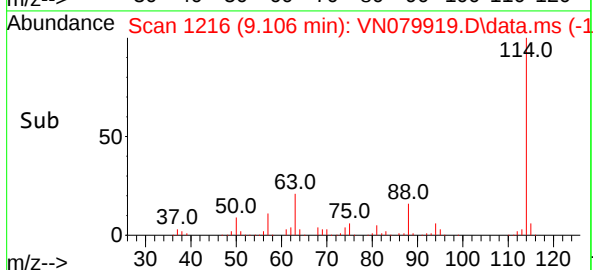
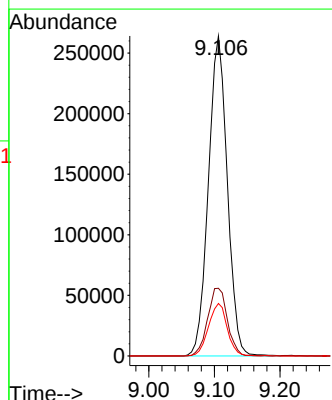
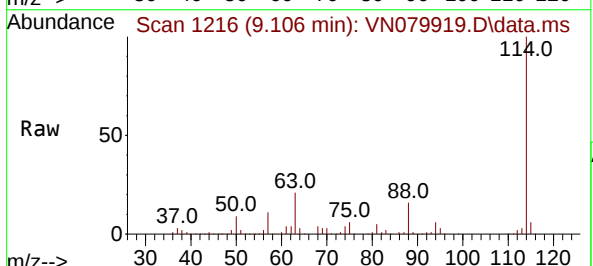
Tgt Ion: 114 Resp: 529438

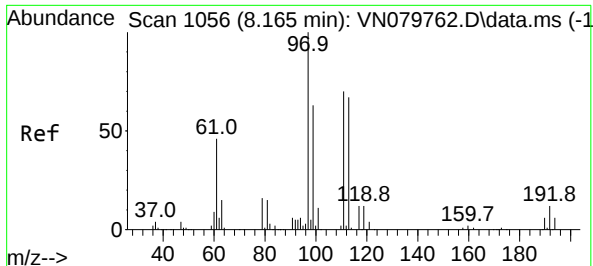
Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.4

88 16.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.077 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN079919.D

Acq: 06 Nov 2023 13:46

Instrument :

MSVOA_N

ClientSampleId :

PB156885ZHE#02

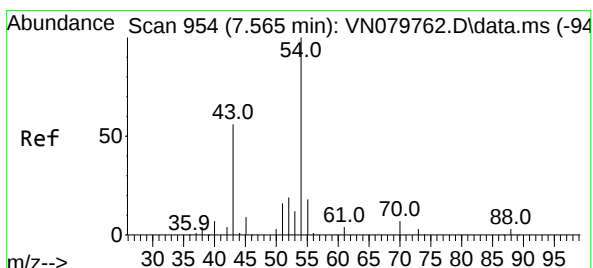
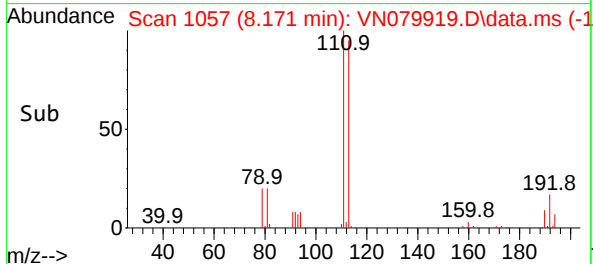
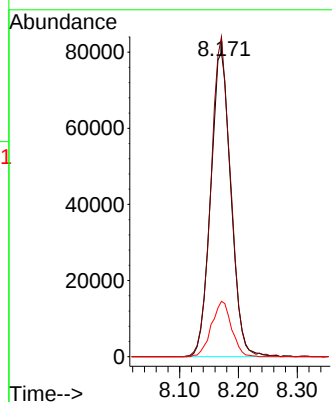
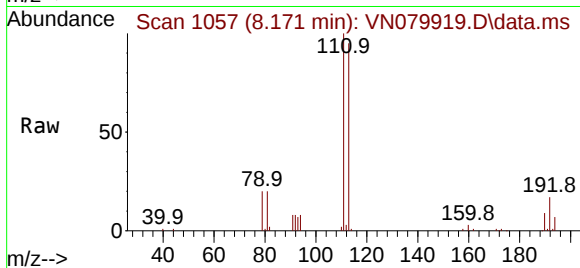
Tgt Ion:113 Resp: 191392

Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

192 18.0 12.7 19.1



#37

Ethyl Acetate

Concen: 1.122 ug/l

RT: 7.577 min Scan# 956

Delta R.T. 0.012 min

Lab File: VN079919.D

Acq: 06 Nov 2023 13:46

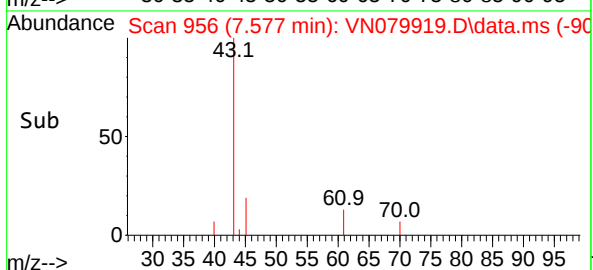
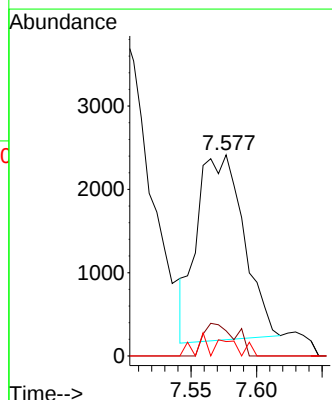
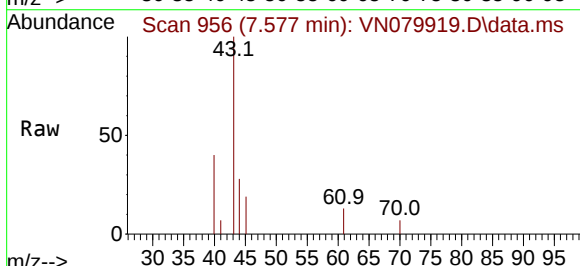
Tgt Ion: 43 Resp: 5506

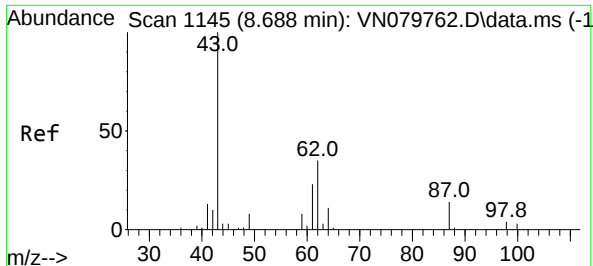
Ion Ratio Lower Upper

43 100

61 11.9 13.2 19.8#

70 4.6 11.3 16.9#

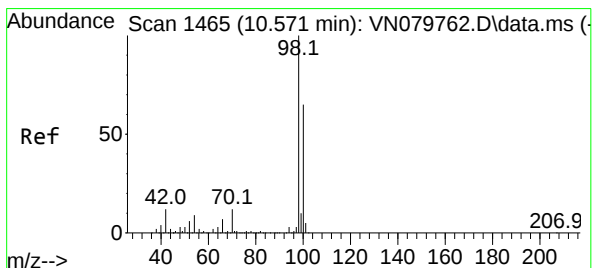
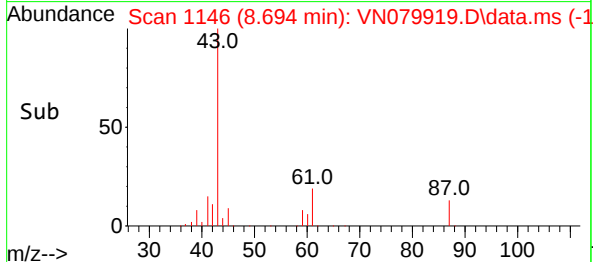
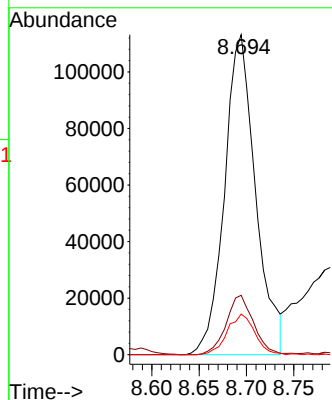
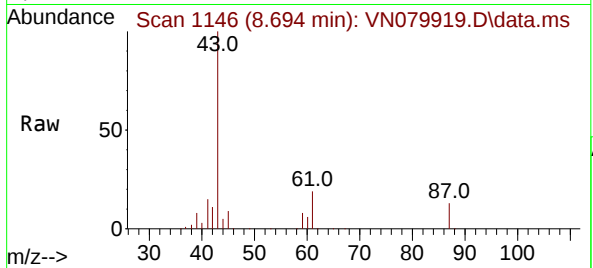




#43
Isopropyl Acetate
Concen: 30.069 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN079919.D
Acq: 06 Nov 2023 13:46

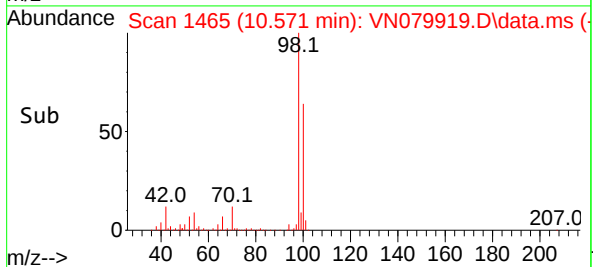
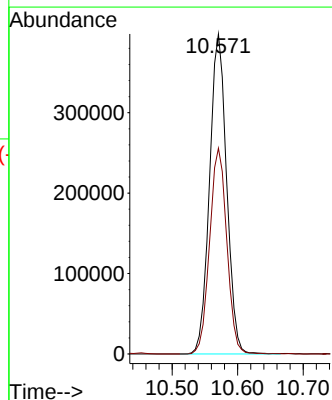
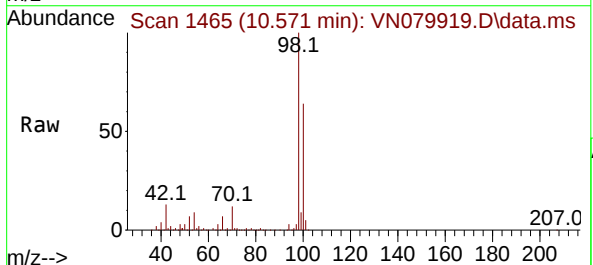
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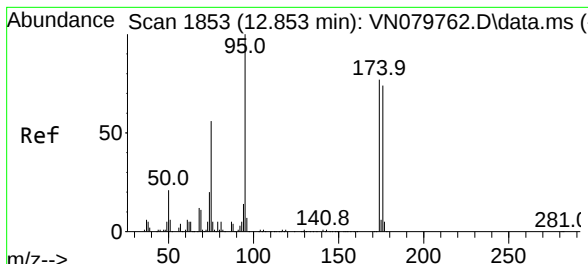
Tgt Ion: 43 Resp: 258745
Ion Ratio Lower Upper
43 100
61 16.3 24.7 37.1#
87 11.3 14.6 21.8#



#50
Toluene-d8
Concen: 52.222 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079919.D
Acq: 06 Nov 2023 13:46

Tgt Ion: 98 Resp: 720383
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

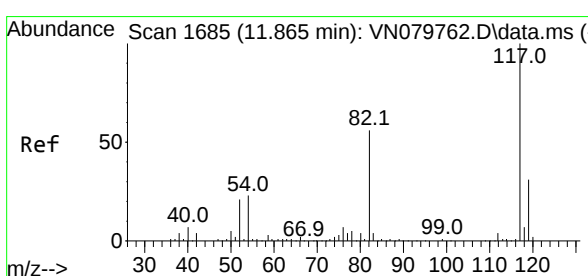
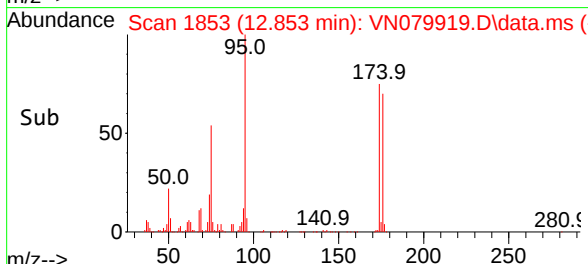
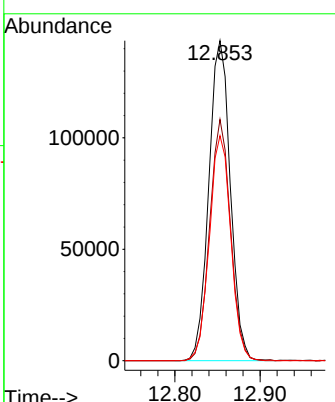
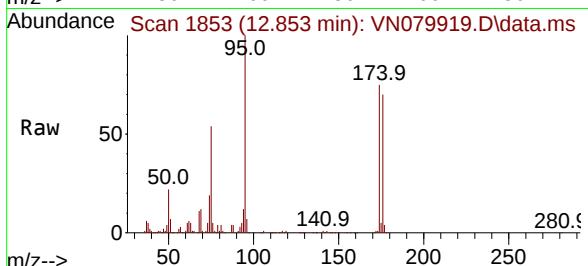




#62
 4-Bromofluorobenzene
 Concen: 55.115 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN079919.D
 Acq: 06 Nov 2023 13:46

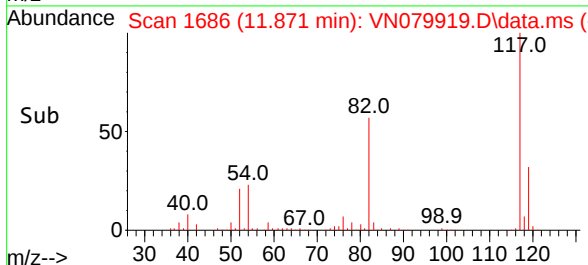
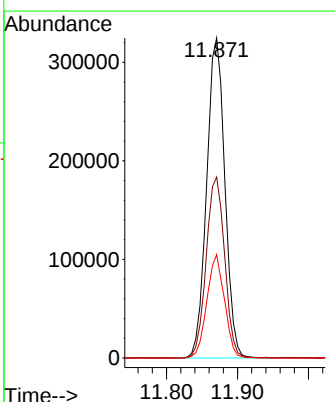
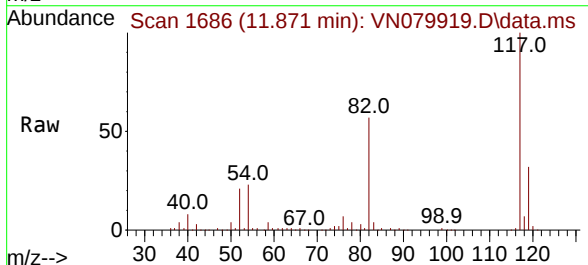
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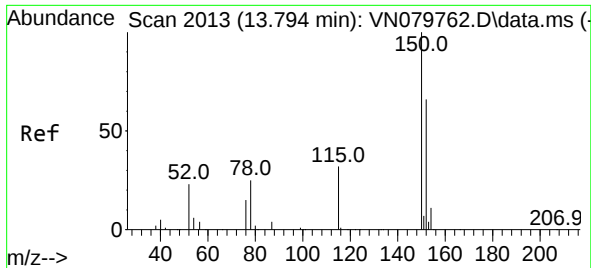
Tgt Ion:	95	Resp:	252151
Ion Ratio	Lower	Upper	
95	100		
174	73.3	0.0	143.8
176	69.8	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. 0.000 min
 Lab File: VN079919.D
 Acq: 06 Nov 2023 13:46

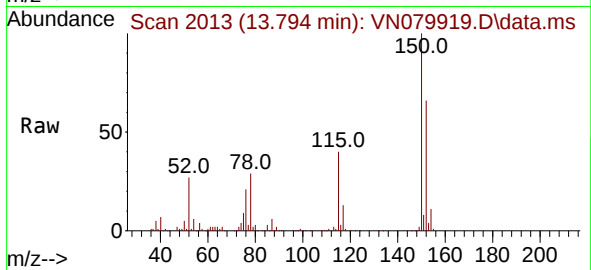
Tgt Ion:	117	Resp:	577803
Ion Ratio	Lower	Upper	
117	100		
82	56.5	44.0	66.0
119	32.3	25.6	38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN079919.D
Acq: 06 Nov 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
PB156885ZHE#02



Tgt Ion:152 Resp: 220319
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 155.6 0.0 355.8

