

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050323\
 Data File : VN077561.D
 Acq On : 03 May 2023 14:31
 Operator : JC\MD
 Sample : PB152533ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152533ZHE#06

Quant Time: May 04 04:46:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

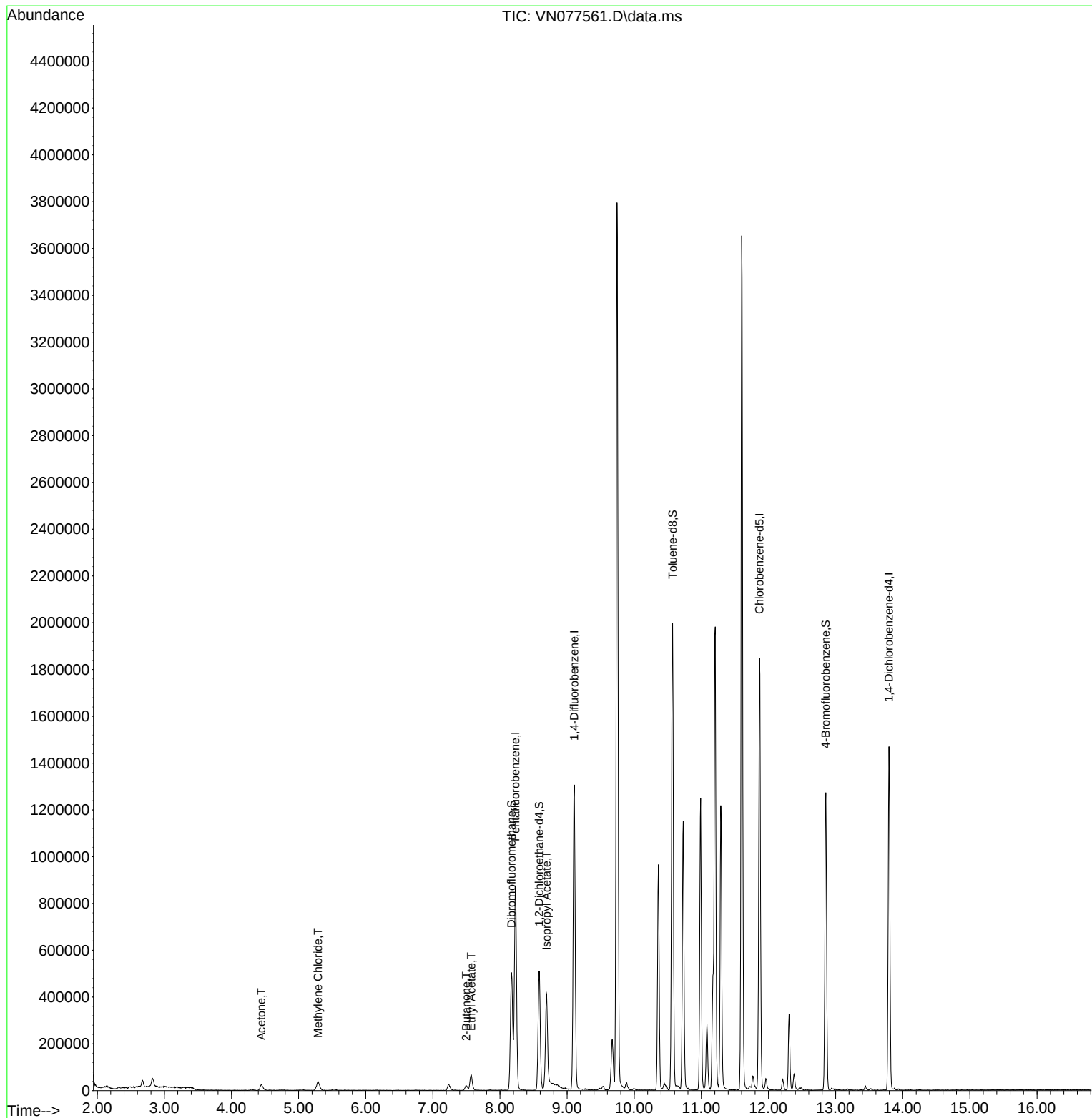
Internal Standards						
1) Pentafluorobenzene	8.231	168	630357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1206881	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1151010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	408700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	419366	50.984	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.960%
35) Dibromofluoromethane	8.172	113	371345	51.193	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.380%
50) Toluene-d8	10.572	98	1520709	54.700	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.400%
62) 4-Bromofluorobenzene	12.854	95	486430	53.478	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.960%
Target Compounds						
						Qvalue
16) Acetone	4.443	43	45106	17.237	ug/l	96
20) Methylene Chloride	5.290	84	33415	4.026	ug/l #	82
25) 2-Butanone	7.495	43	30429	8.198	ug/l	95
37) Ethyl Acetate	7.572	43	98409	12.358	ug/l	99
43) Isopropyl Acetate	8.695	43	473534	34.372	ug/l #	87

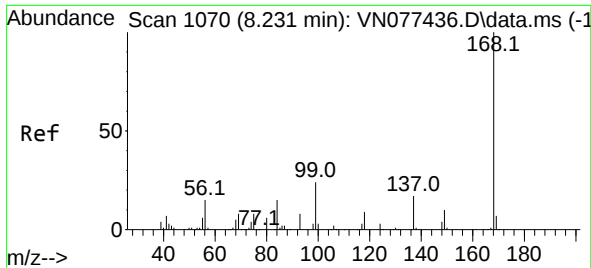
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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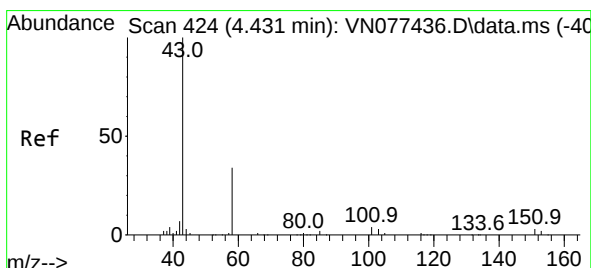
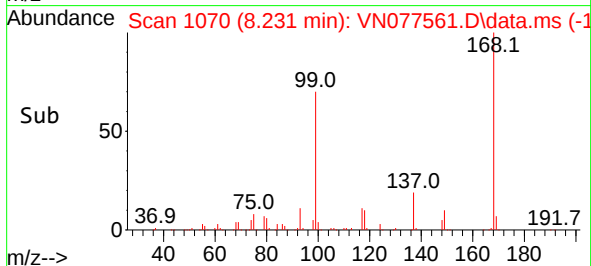
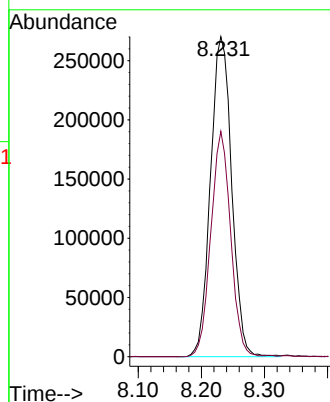
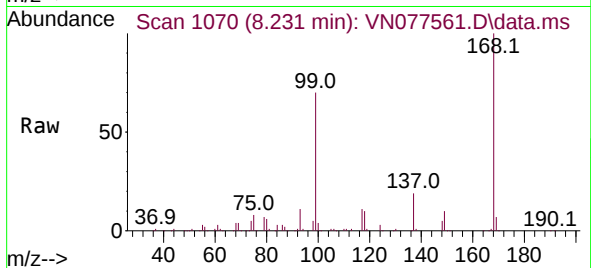




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077561.D
Acq: 03 May 2023 14:31

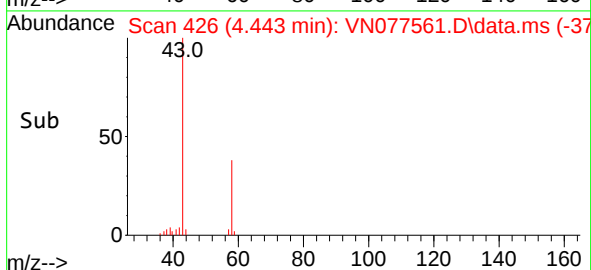
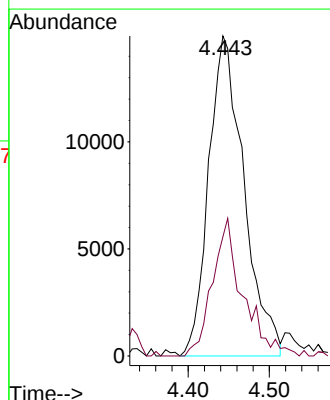
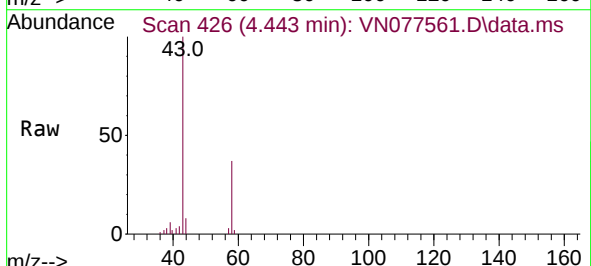
Instrument :
MSVOA_N
ClientSampleId :
PB152533ZHE#06

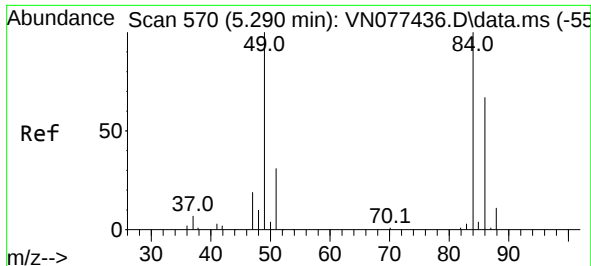
Tgt Ion:168 Resp: 630357
Ion Ratio Lower Upper
168 100
99 70.4 53.0 79.6



#16
Acetone
Concen: 17.237 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN077561.D
Acq: 03 May 2023 14:31

Tgt Ion: 43 Resp: 45106
Ion Ratio Lower Upper
43 100
58 37.3 28.0 42.0

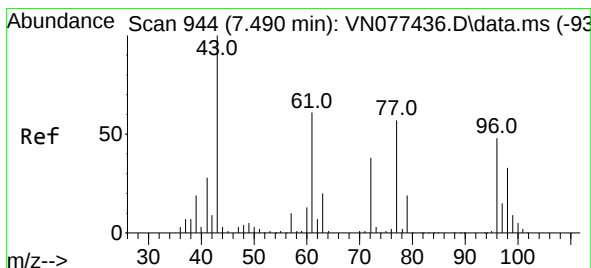
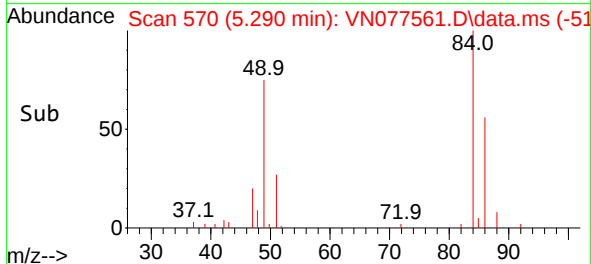
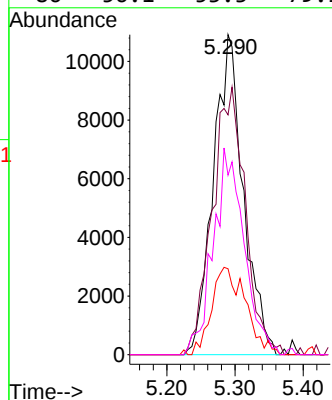
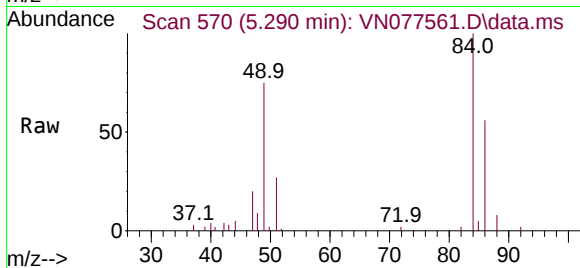




#20
Methylene Chloride
Concen: 4.026 ug/l
RT: 5.290 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN077561.D
Acq: 03 May 2023 14:31

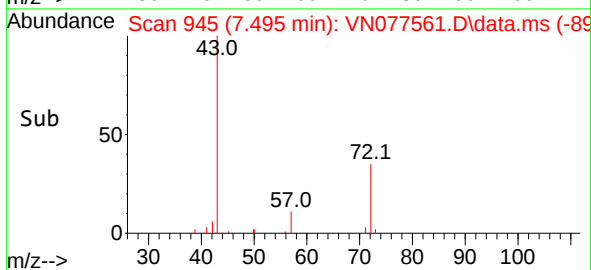
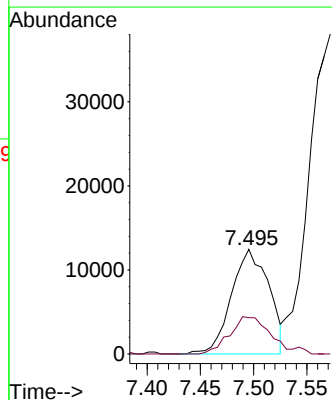
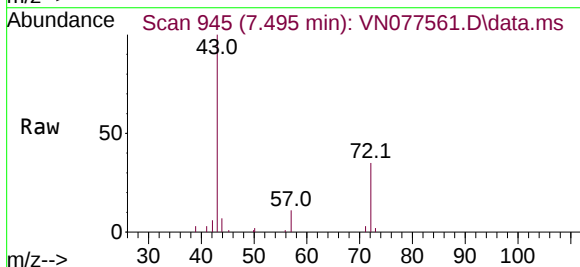
Instrument :
MSVOA_N
ClientSampleId :
PB152533ZHE#06

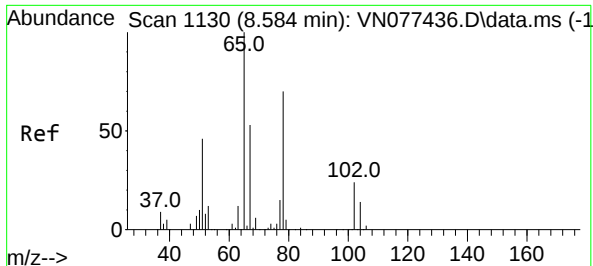
Tgt Ion: 84 Resp: 33415
Ion Ratio Lower Upper
84 100
49 74.9 79.7 119.5#
51 26.9 25.2 37.8
86 56.1 53.3 79.9



#25
2-Butanone
Concen: 8.198 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077561.D
Acq: 03 May 2023 14:31

Tgt Ion: 43 Resp: 30429
Ion Ratio Lower Upper
43 100
72 34.7 30.2 45.2





#33

1,2-Dichloroethane-d4

Concen: 50.984 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077561.D

Acq: 03 May 2023 14:31

Instrument :

MSVOA_N

ClientSampleId :

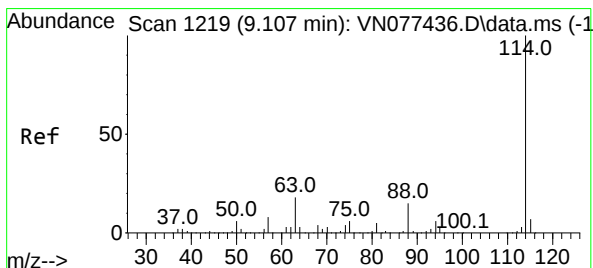
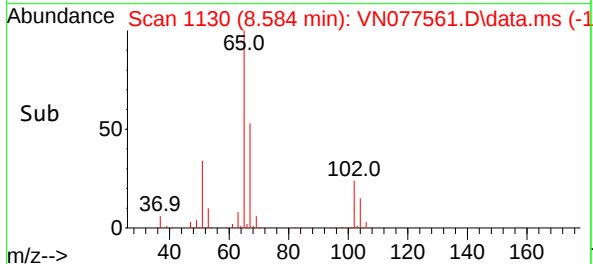
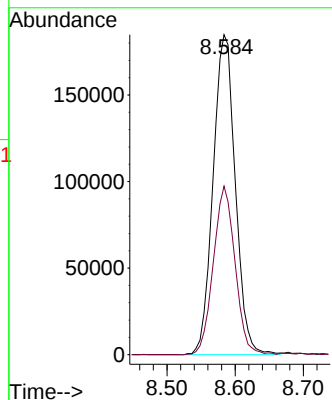
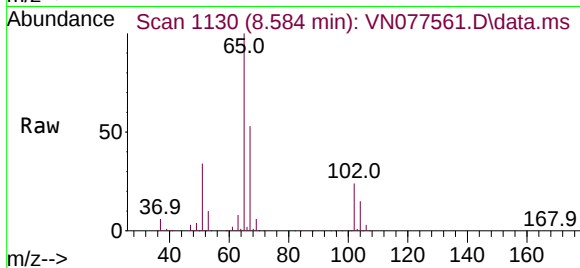
PB152533ZHE#06

Tgt Ion: 65 Resp: 419366

Ion Ratio Lower Upper

65 100

67 51.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077561.D

Acq: 03 May 2023 14:31

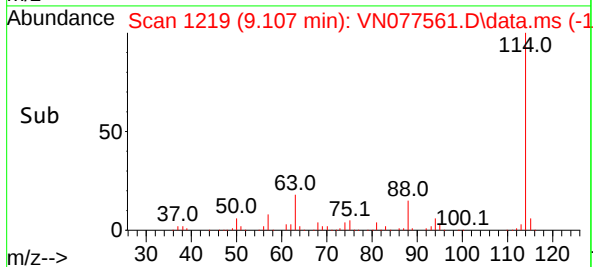
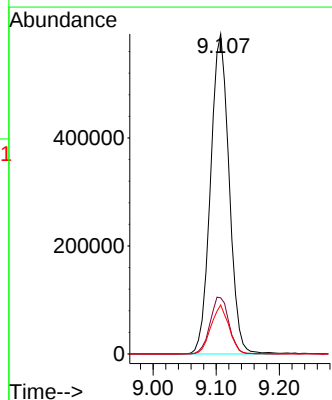
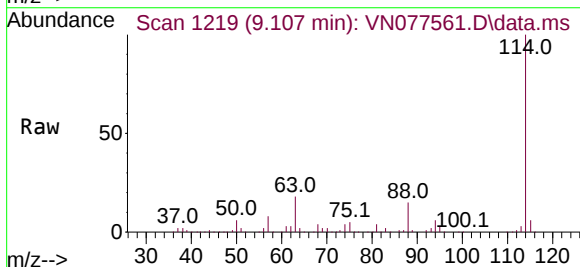
Tgt Ion: 114 Resp: 1206881

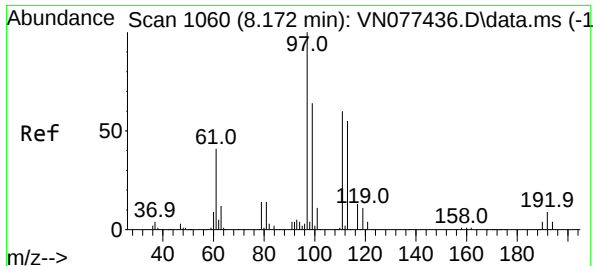
Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.4

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.193 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077561.D

Acq: 03 May 2023 14:31

Instrument :

MSVOA_N

ClientSampleId :

PB152533ZHE#06

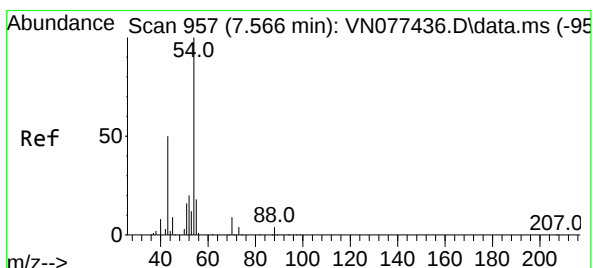
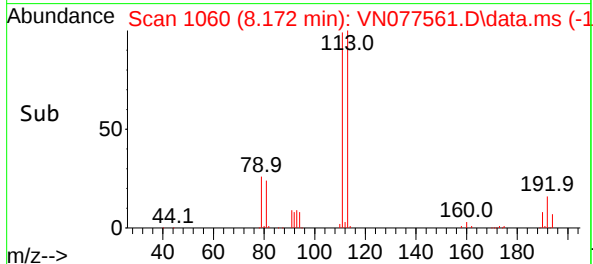
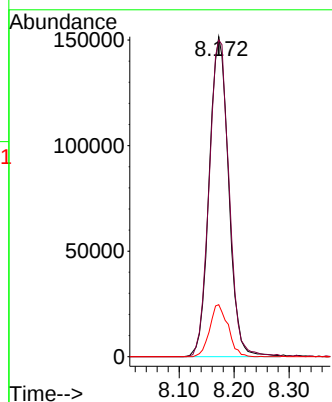
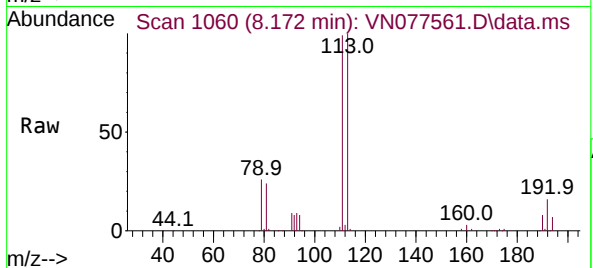
Tgt Ion:113 Resp: 371345

Ion Ratio Lower Upper

113 100

111 101.6 82.6 123.8

192 15.4 12.7 19.1



#37

Ethyl Acetate

Concen: 12.358 ug/l

RT: 7.572 min Scan# 958

Delta R.T. 0.006 min

Lab File: VN077561.D

Acq: 03 May 2023 14:31

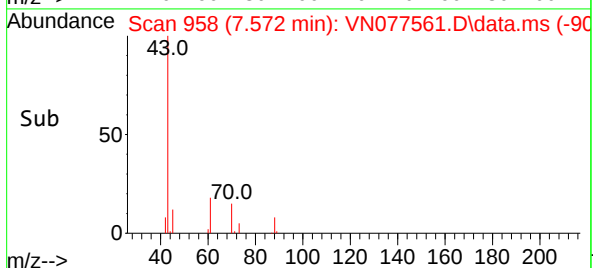
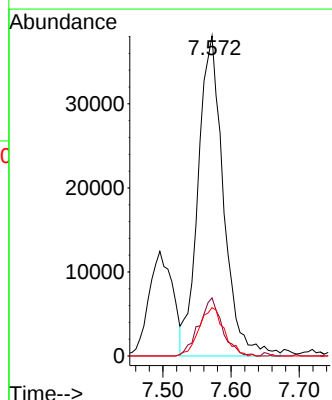
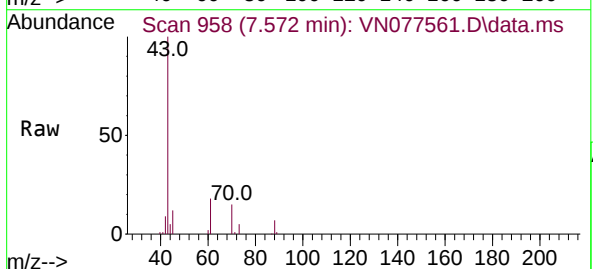
Tgt Ion: 43 Resp: 98409

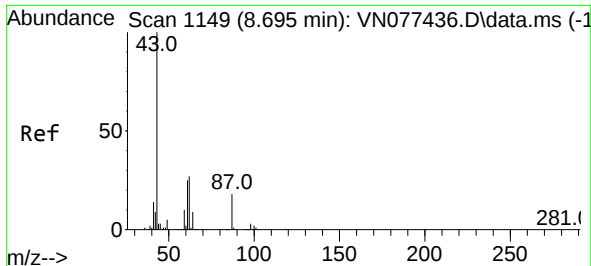
Ion Ratio Lower Upper

43 100

61 16.6 13.2 19.8

70 15.0 11.3 16.9





#43

Isopropyl Acetate

Concen: 34.372 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN077561.D

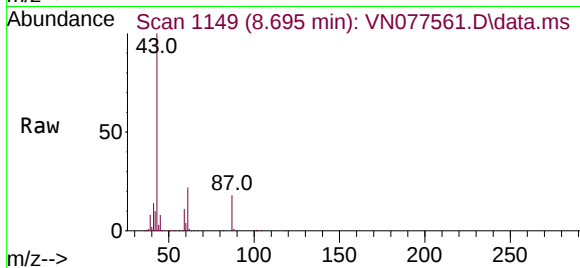
Acq: 03 May 2023 14:31

Instrument :

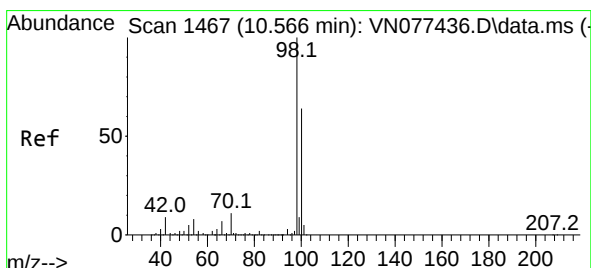
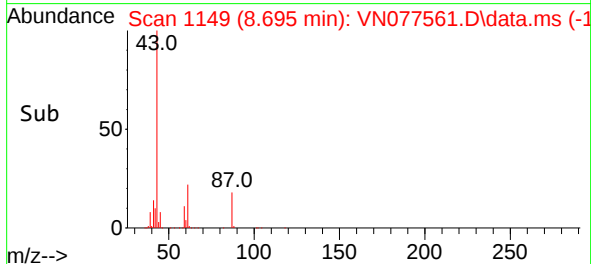
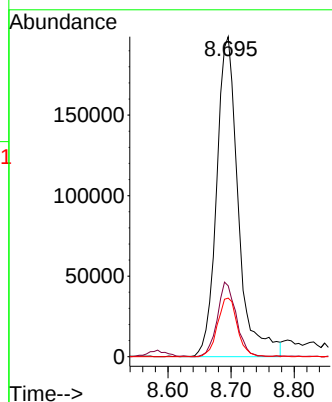
MSVOA_N

ClientSampleId :

PB152533ZHE#06



Tgt Ion:	43	Resp:	473534
Ion	Ratio	Lower	Upper
43	100		
61	20.4	24.7	37.1#
87	16.7	14.6	21.8



#50

Toluene-d8

Concen: 54.700 ug/l

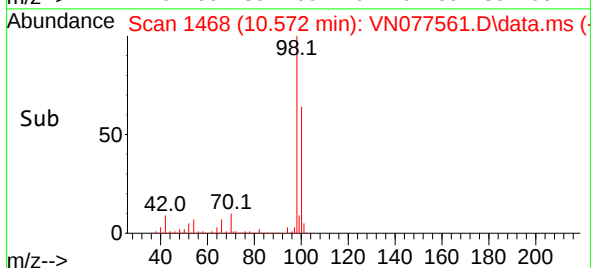
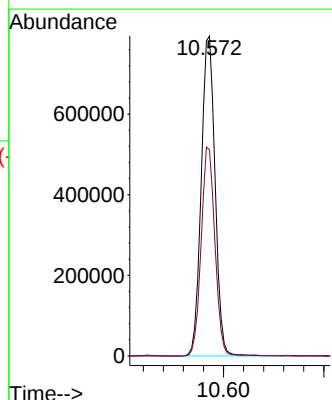
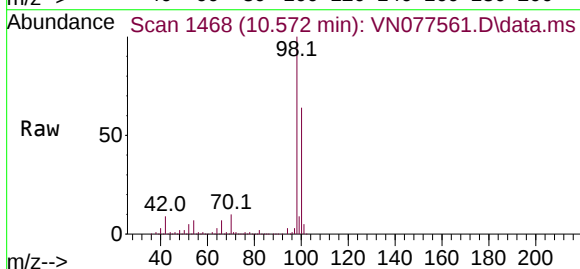
RT: 10.572 min Scan# 1468

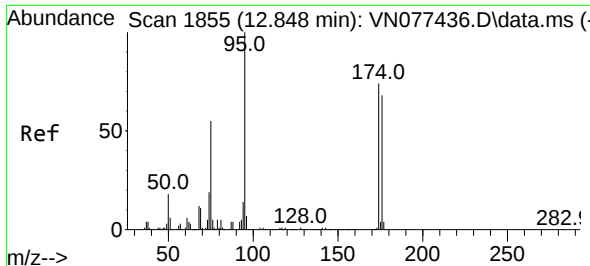
Delta R.T. 0.006 min

Lab File: VN077561.D

Acq: 03 May 2023 14:31

Tgt Ion:	98	Resp:	1520709
Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.0	78.0

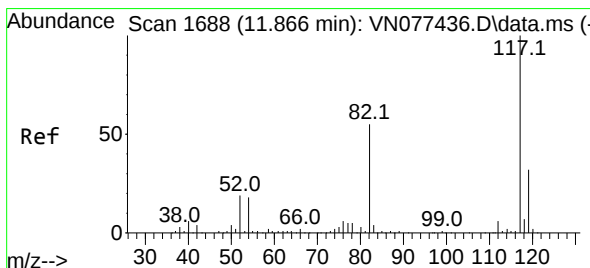
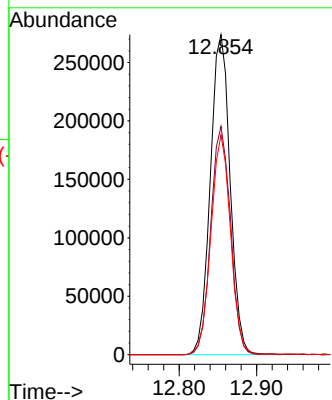
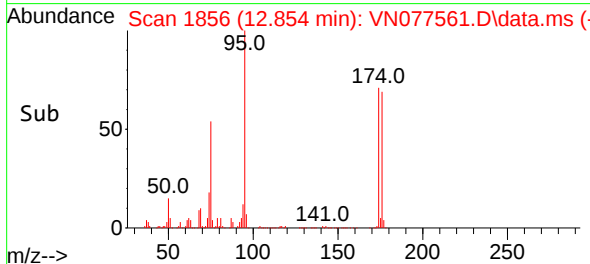
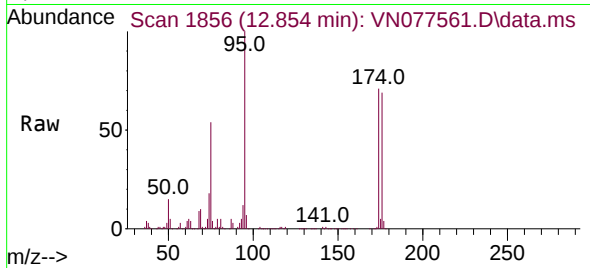




#62
4-Bromofluorobenzene
Concen: 53.478 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077561.D
Acq: 03 May 2023 14:31

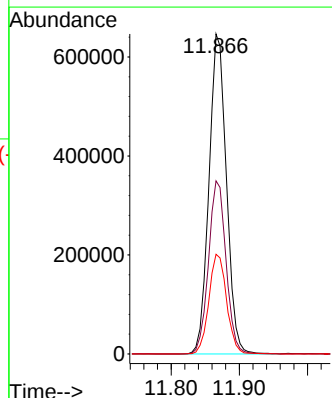
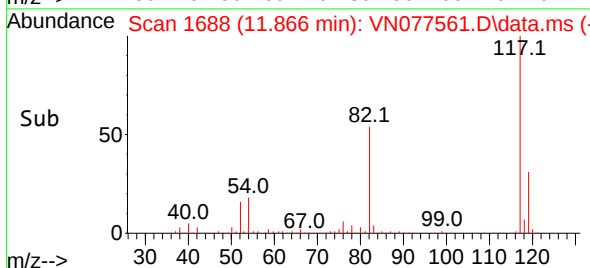
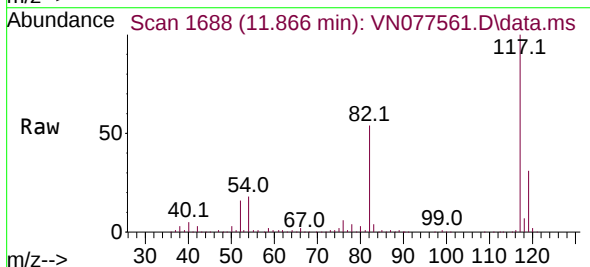
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PB152533ZHE#06

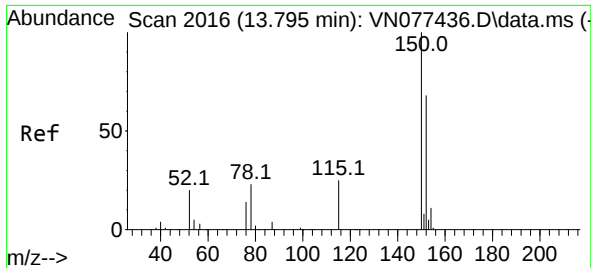
Tgt Ion: 95 Resp: 486430
Ion Ratio Lower Upper
95 100
174 71.0 0.0 143.8
176 67.8 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN077561.D
Acq: 03 May 2023 14:31

Tgt Ion: 117 Resp: 1151010
Ion Ratio Lower Upper
117 100
82 54.1 44.0 66.0
119 31.2 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN077561.D

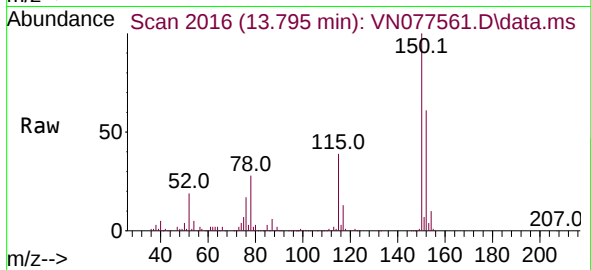
Acq: 03 May 2023 14:31

Instrument :

MSVOA_N

ClientSampleId :

PB152533ZHE#06



Tgt Ion:152 Resp: 408700

Ion Ratio Lower Upper

152 100

115 63.9 32.3 96.8

150 158.5 0.0 355.8

