

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050323\
 Data File : VN077563.D
 Acq On : 03 May 2023 15:20
 Operator : JC\MD
 Sample : PB152533ZHE#08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152533ZHE#08

Quant Time: May 04 04:47:55 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)

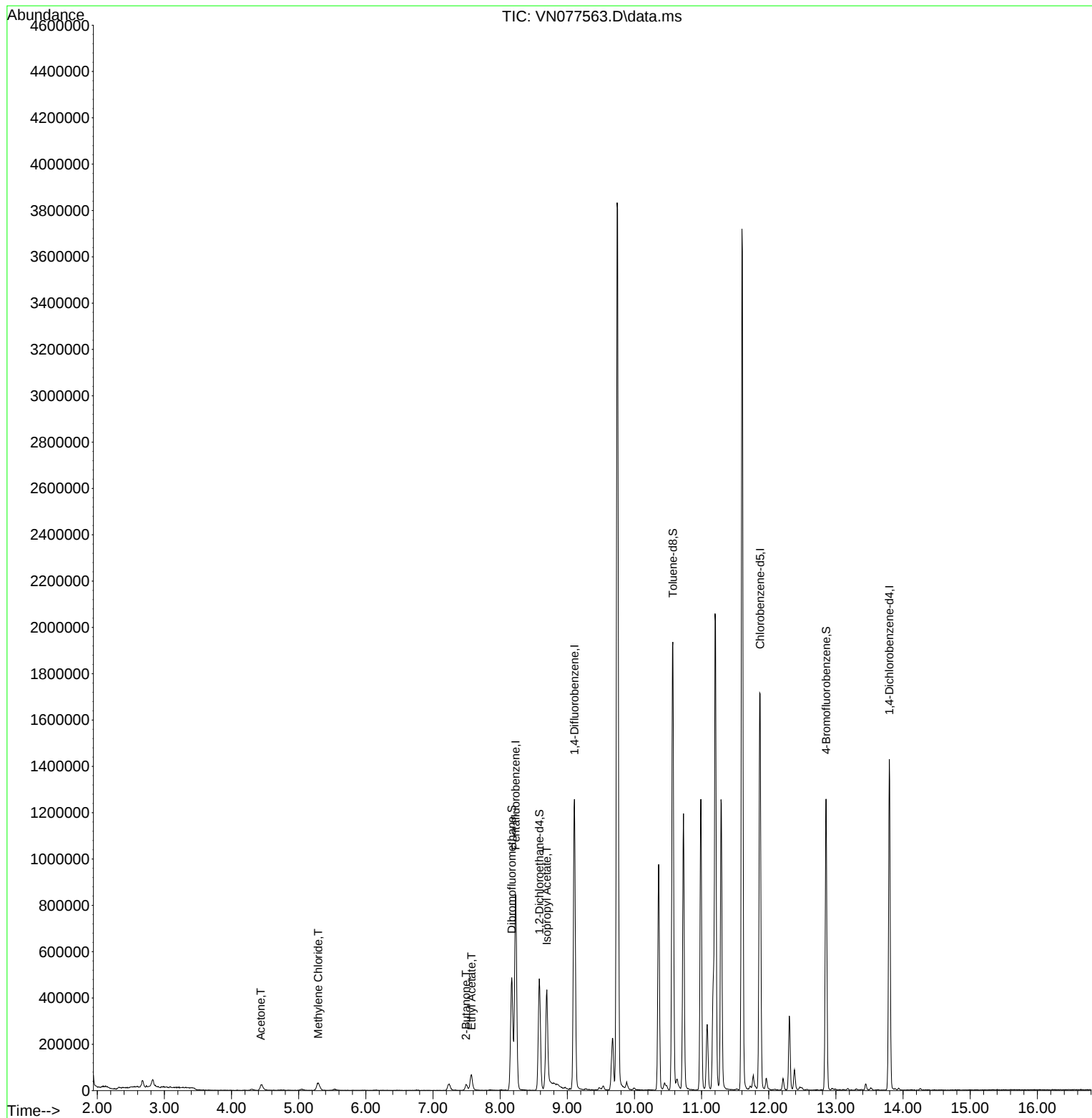
Internal Standards						
1) Pentafluorobenzene	8.230	168	602366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1160246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1095644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	391374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	398011	50.636	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.280%
35) Dibromofluoromethane	8.172	113	354663	50.858	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.720%
50) Toluene-d8	10.571	98	1455351	54.453	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.900%
62) 4-Bromofluorobenzene	12.854	95	458583	52.443	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.880%
Target Compounds						
						Qvalue
16) Acetone	4.437	43	48430	19.367	ug/l	93
20) Methylene Chloride	5.289	84	30090	3.794	ug/l	90
25) 2-Butanone	7.489	43	35769	10.085	ug/l	94
37) Ethyl Acetate	7.572	43	96606	12.619	ug/l	97
43) Isopropyl Acetate	8.695	43	489694	36.974	ug/l #	87

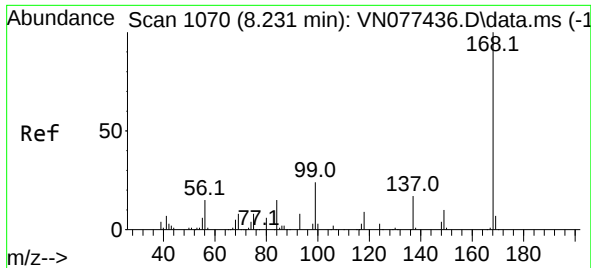
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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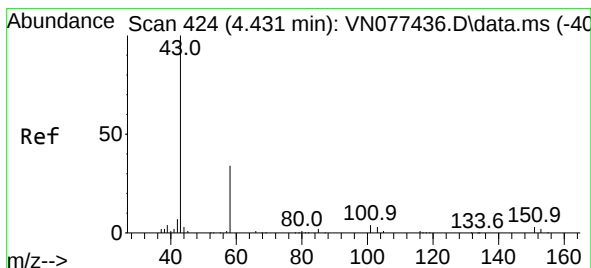
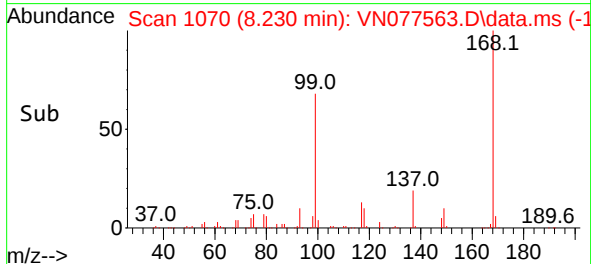
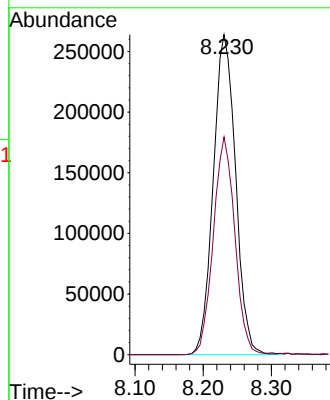
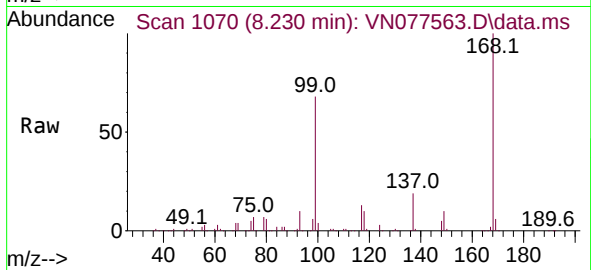




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077563.D
Acq: 03 May 2023 15:20

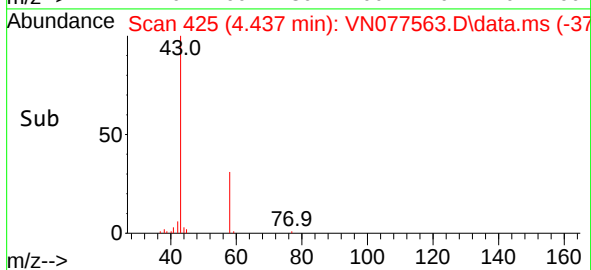
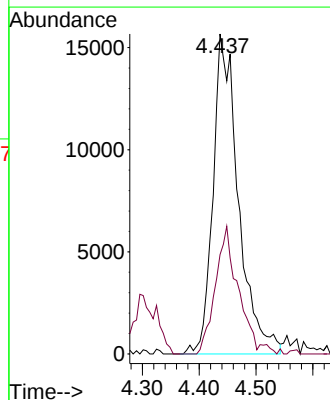
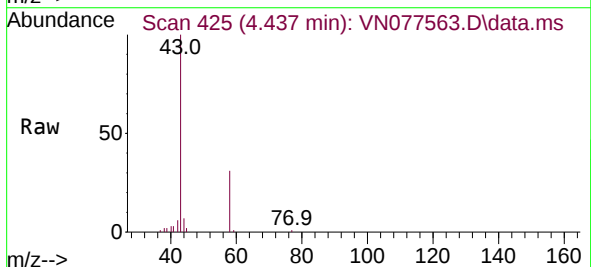
Instrument :
MSVOA_N
ClientSampleId :
PB152533ZHE#08

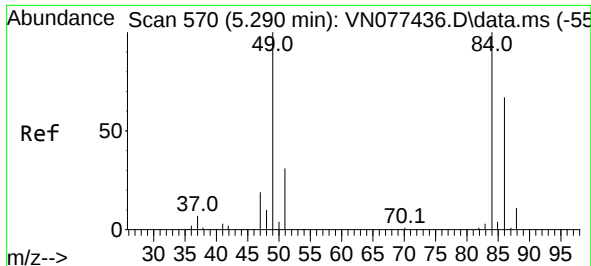
Tgt Ion:168 Resp: 602366
Ion Ratio Lower Upper
168 100
99 68.0 53.0 79.6



#16
Acetone
Concen: 19.367 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077563.D
Acq: 03 May 2023 15:20

Tgt Ion: 43 Resp: 48430
Ion Ratio Lower Upper
43 100
58 31.0 28.0 42.0





#20

Methylene Chloride

Concen: 3.794 ug/l

RT: 5.289 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN077563.D

Acq: 03 May 2023 15:20

Instrument :

MSVOA_N

ClientSampleId :

PB152533ZHE#08

Tgt Ion: 84 Resp: 30090

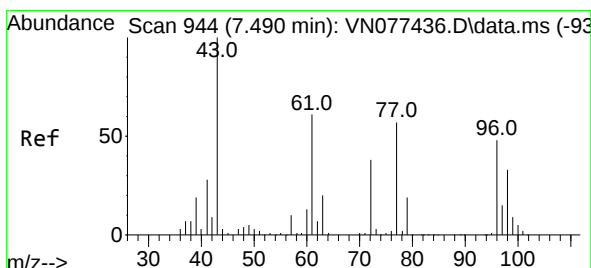
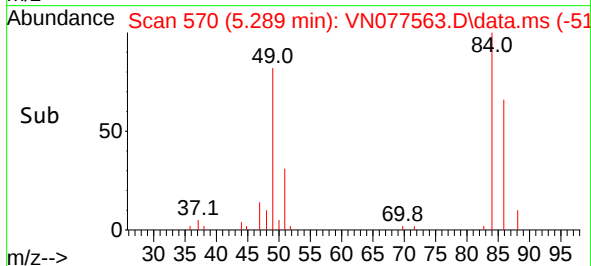
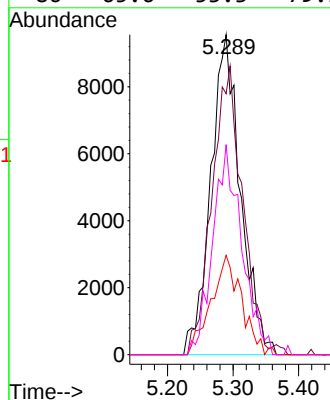
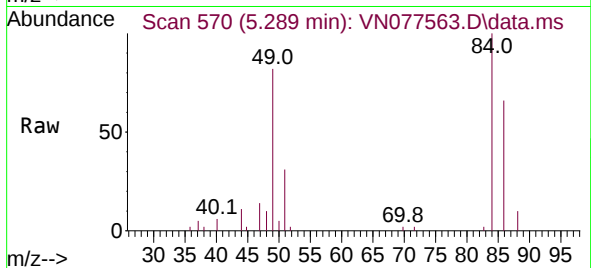
Ion Ratio Lower Upper

84 100

49 81.5 79.7 119.5

51 31.1 25.2 37.8

86 65.6 53.3 79.9



#25

2-Butanone

Concen: 10.085 ug/l

RT: 7.489 min Scan# 944

Delta R.T. -0.000 min

Lab File: VN077563.D

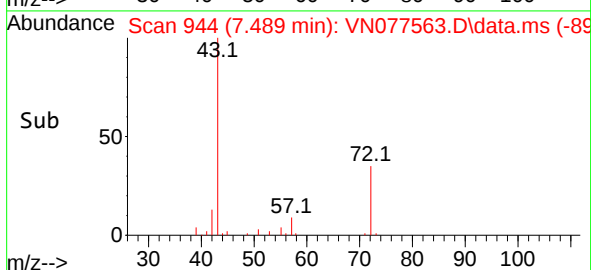
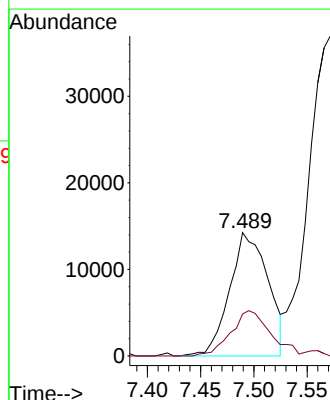
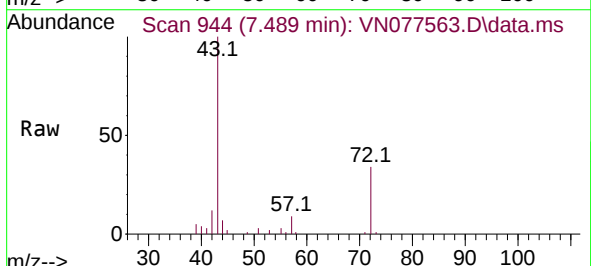
Acq: 03 May 2023 15:20

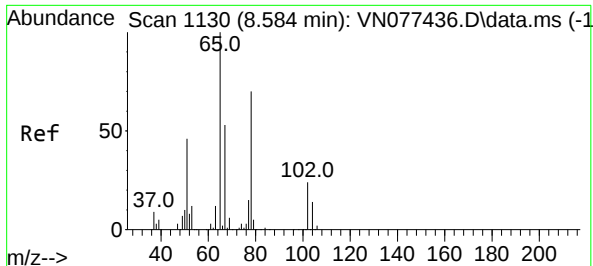
Tgt Ion: 43 Resp: 35769

Ion Ratio Lower Upper

43 100

72 34.0 30.2 45.2





#33

1,2-Dichloroethane-d4

Concen: 50.636 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077563.D

Acq: 03 May 2023 15:20

Instrument :

MSVOA_N

ClientSampleId :

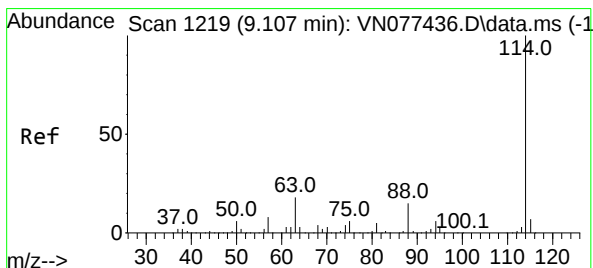
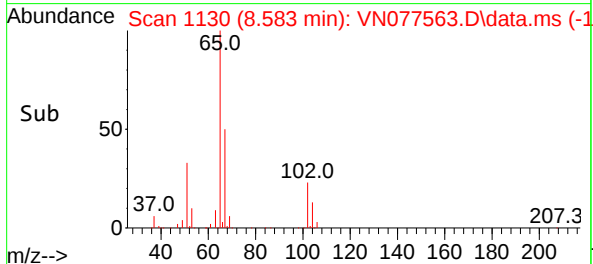
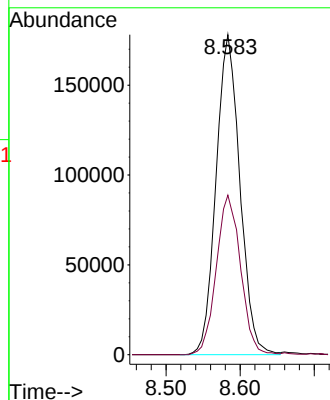
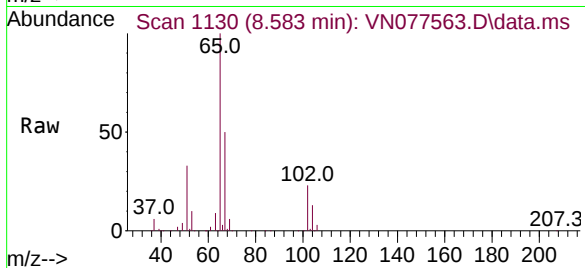
PB152533ZHE#08

Tgt Ion: 65 Resp: 398011

Ion Ratio Lower Upper

65 100

67 50.7 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: VN077563.D

Acq: 03 May 2023 15:20

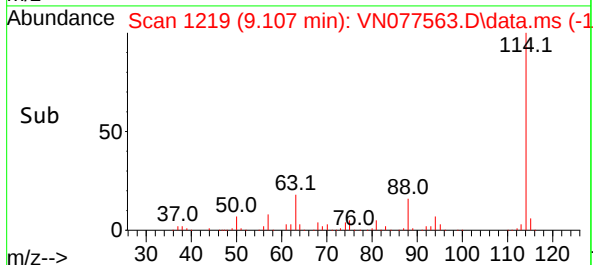
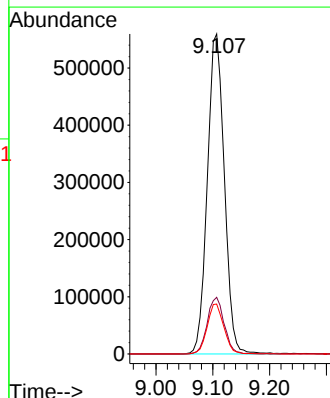
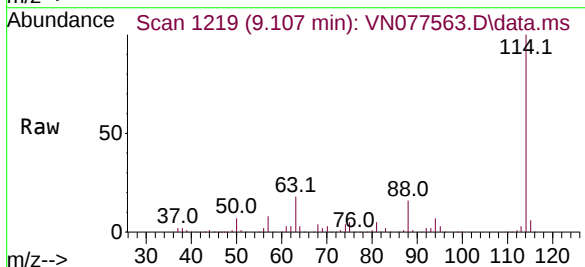
Tgt Ion: 114 Resp: 1160246

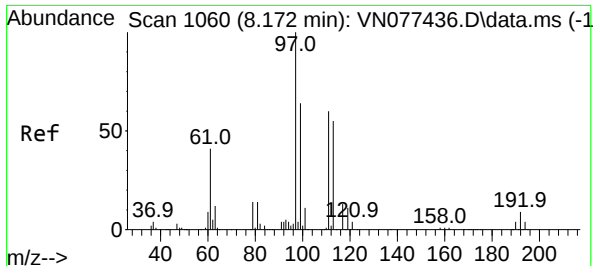
Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.4

88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.858 ug/l

RT: 8.172 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077563.D

Acq: 03 May 2023 15:20

Instrument :

MSVOA_N

ClientSampleId :

PB152533ZHE#08

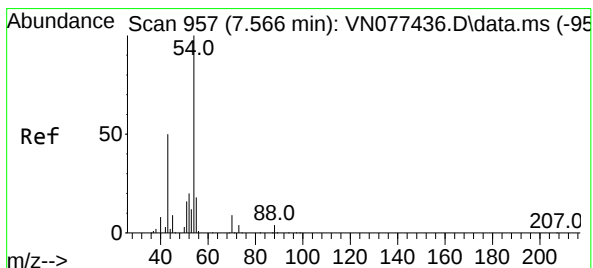
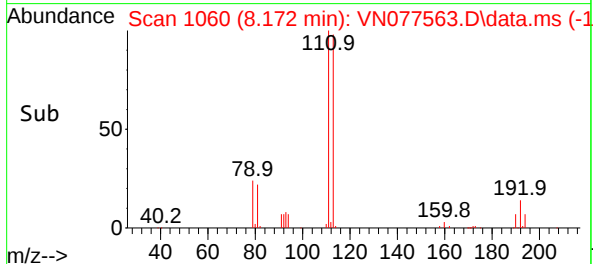
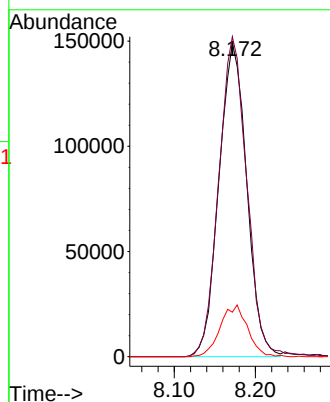
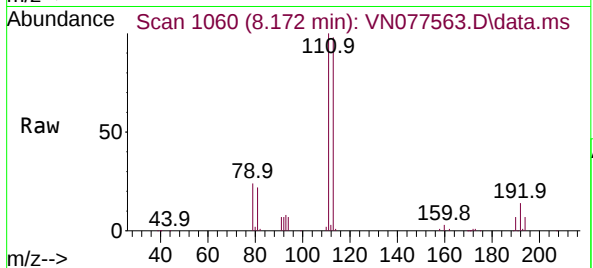
Tgt Ion:113 Resp: 354663

Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

192 16.3 12.7 19.1



#37

Ethyl Acetate

Concen: 12.619 ug/l

RT: 7.572 min Scan# 958

Delta R.T. 0.006 min

Lab File: VN077563.D

Acq: 03 May 2023 15:20

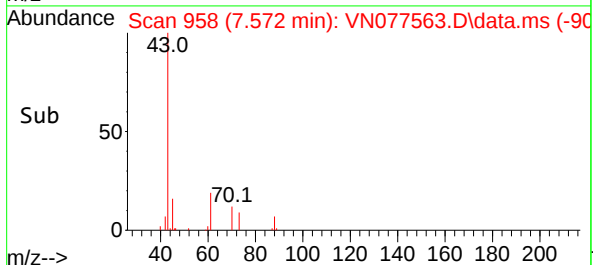
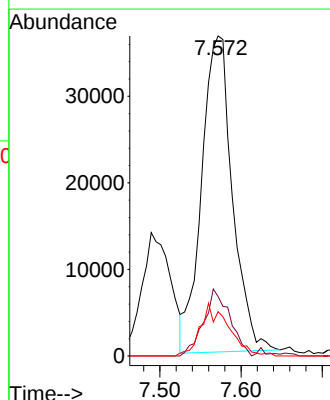
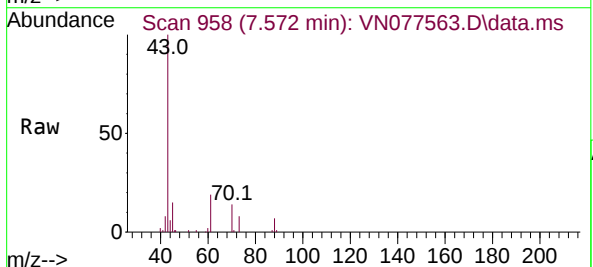
Tgt Ion: 43 Resp: 96606

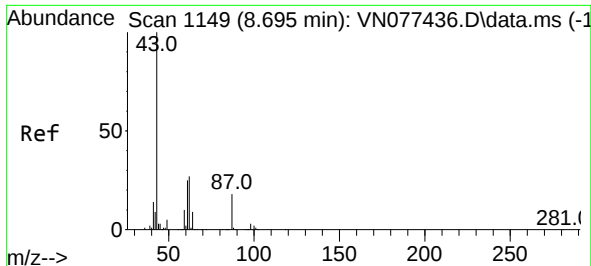
Ion Ratio Lower Upper

43 100

61 18.0 13.2 19.8

70 15.2 11.3 16.9

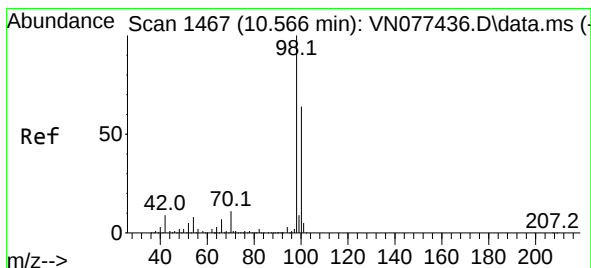
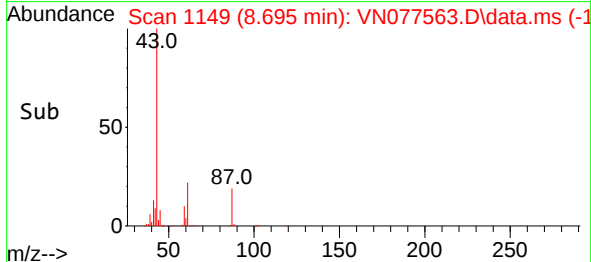
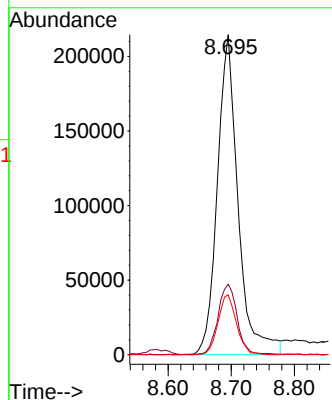
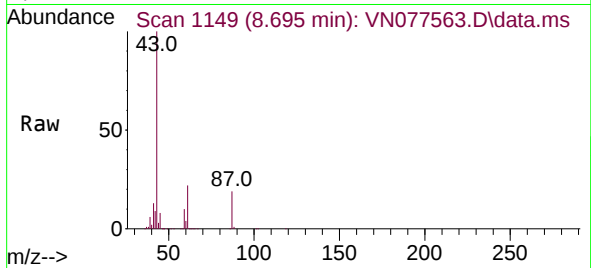




#43
Isopropyl Acetate
Concen: 36.974 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077563.D
Acq: 03 May 2023 15:20

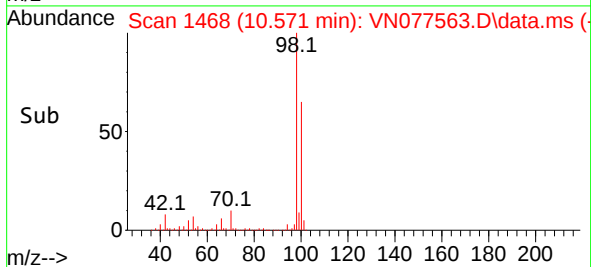
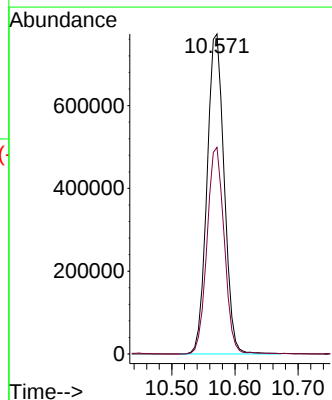
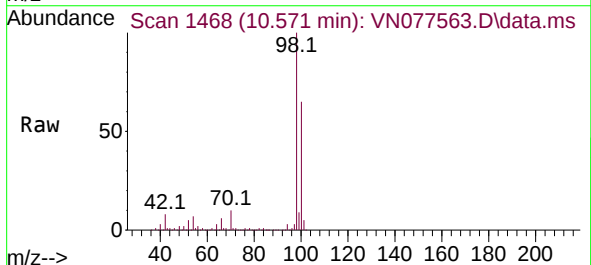
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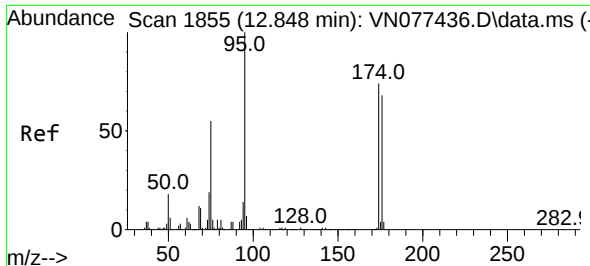
Tgt Ion: 43 Resp: 489694
Ion Ratio Lower Upper
43 100
61 20.4 24.7 37.1#
87 16.6 14.6 21.8



#50
Toluene-d8
Concen: 54.453 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077563.D
Acq: 03 May 2023 15:20

Tgt Ion: 98 Resp: 1455351
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

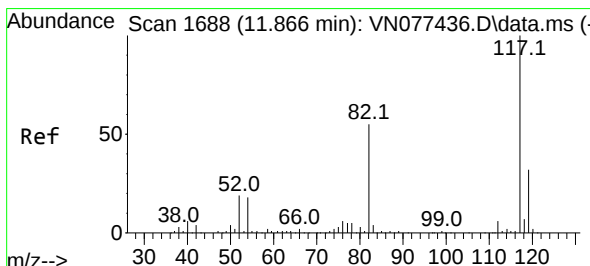
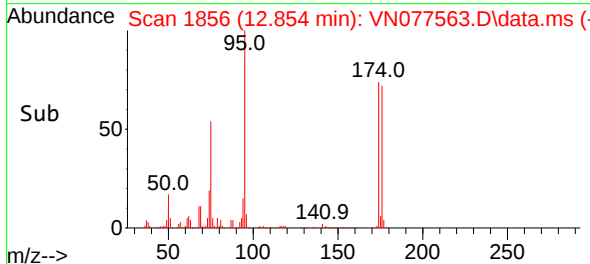
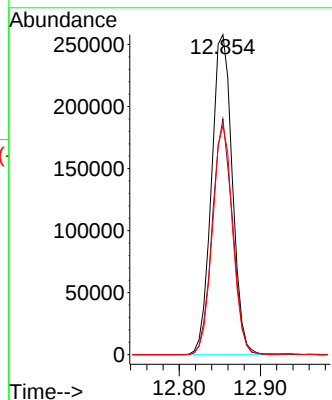
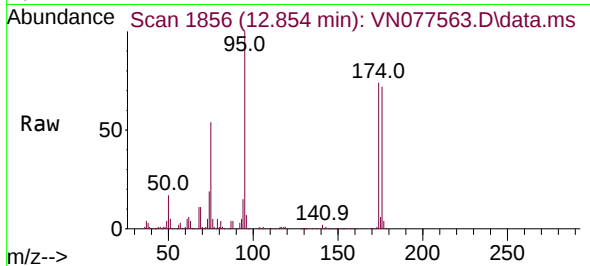




#62
4-Bromofluorobenzene
Concen: 52.443 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077563.D
Acq: 03 May 2023 15:20

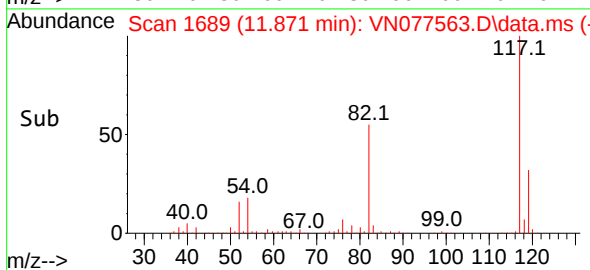
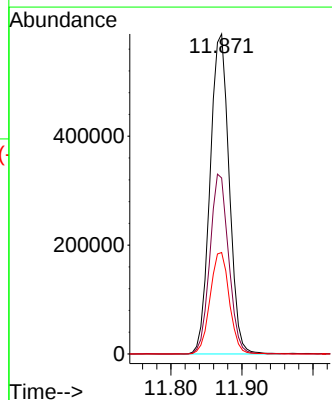
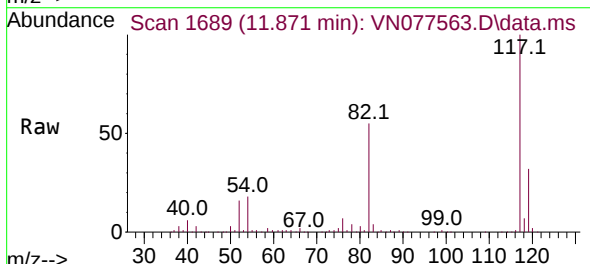
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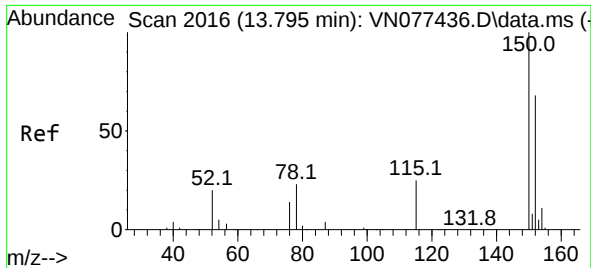
Tgt Ion: 95 Resp: 458583
Ion Ratio Lower Upper
95 100
174 71.6 0.0 143.8
176 69.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077563.D
Acq: 03 May 2023 15:20

Tgt Ion: 117 Resp: 1095644
Ion Ratio Lower Upper
117 100
82 54.9 44.0 66.0
119 31.7 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: VN077563.D

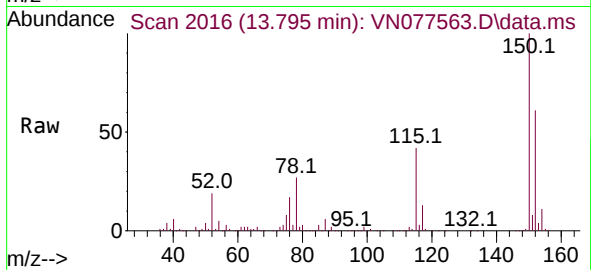
Acq: 03 May 2023 15:20

Instrument :

MSVOA_N

ClientSampleId :

PB152533ZHE#08



Tgt Ion:152 Resp: 391374

Ion Ratio Lower Upper

152 100

115 65.6 32.3 96.8

150 160.7 0.0 355.8

