

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040825\
 Data File : VX045654.D
 Acq On : 08 Apr 2025 15:58
 Operator : JC/MD
 Sample : PB167492ZHE03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167492ZHE03

Quant Time: Apr 09 01:40:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

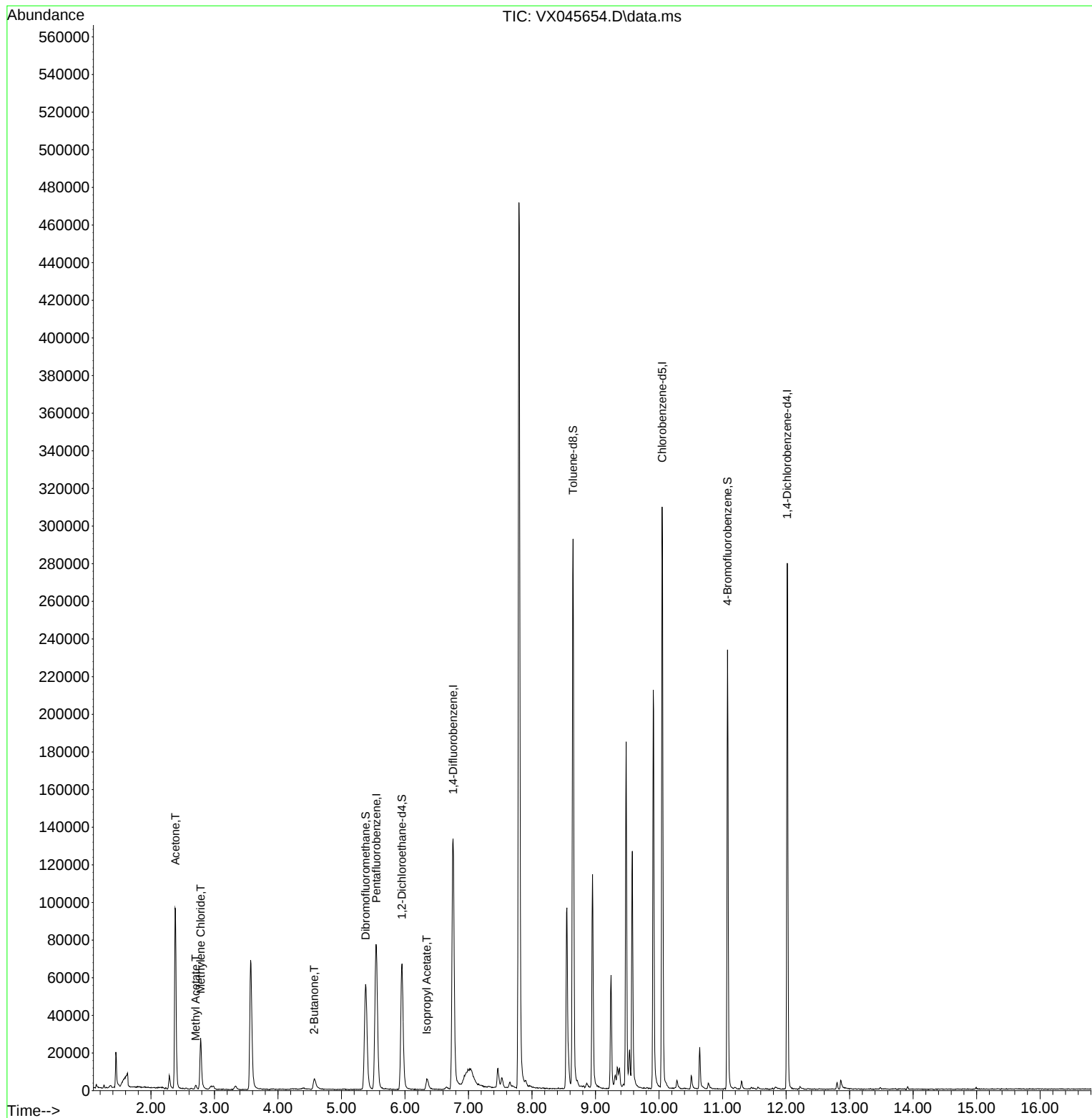
Internal Standards						
1) Pentafluorobenzene	5.550	168	67363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132718	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67476	54.774	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.540%			
35) Dibromofluoromethane	5.379	113	48421	51.422	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.840%			
50) Toluene-d8	8.647	98	170639	51.918	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.840%			
62) 4-Bromofluorobenzene	11.079	95	61958	51.754	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.500%			
Target Compounds					Qvalue	
16) Acetone	2.386	43	107737	212.982	ug/l	98
18) Methyl Acetate	2.703	43	2581	2.216	ug/l	96
20) Methylene Chloride	2.782	84	12090	12.766	ug/l	97
25) 2-Butanone	4.568	43	11604	15.671	ug/l	98
43) Isopropyl Acetate	6.342	43	8608	3.545	ug/l	97

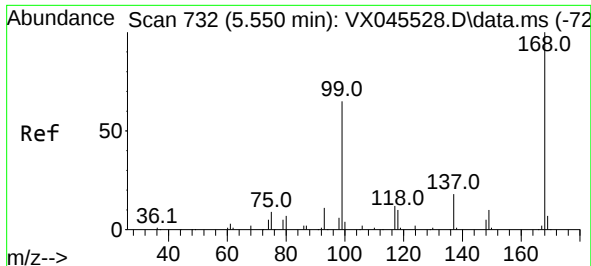
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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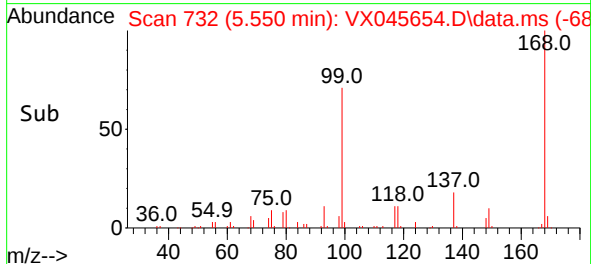
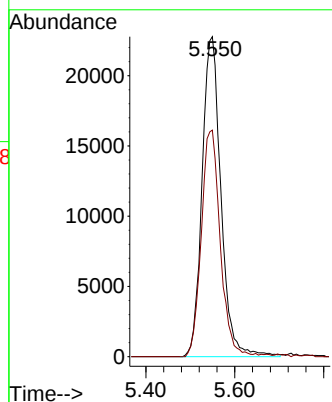
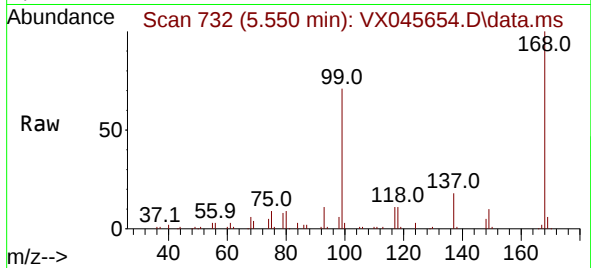




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045654.D
Acq: 08 Apr 2025 15:58

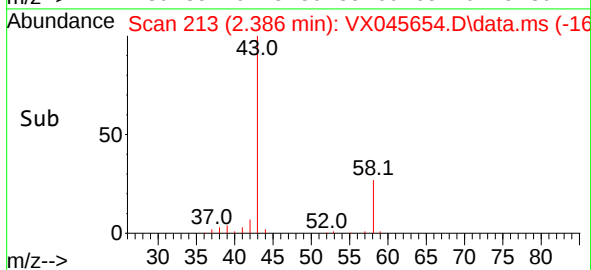
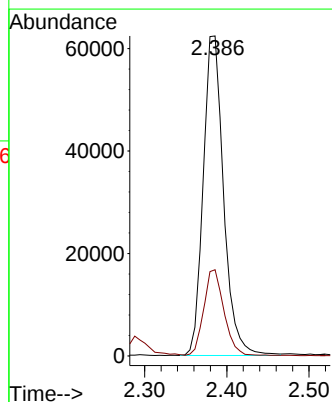
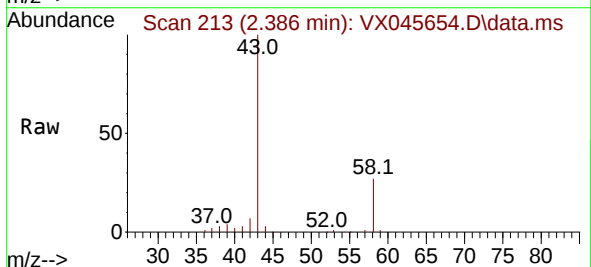
Instrument :
MSVOA_X
ClientSampleId :
PB167492ZHE03

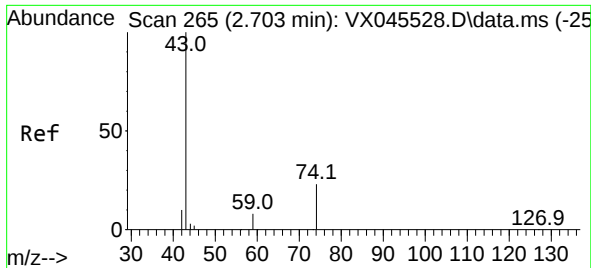
Tgt Ion:168 Resp: 67363
Ion Ratio Lower Upper
168 100
99 70.8 52.3 78.5



#16
Acetone
Concen: 212.982 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045654.D
Acq: 08 Apr 2025 15:58

Tgt Ion: 43 Resp: 107737
Ion Ratio Lower Upper
43 100
58 26.8 22.3 33.5

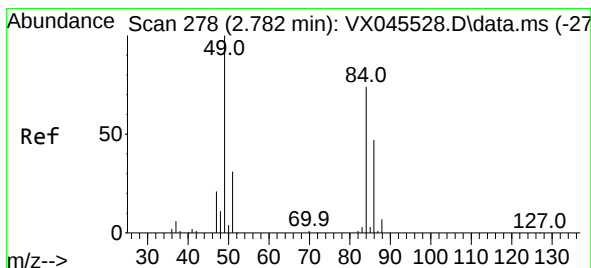
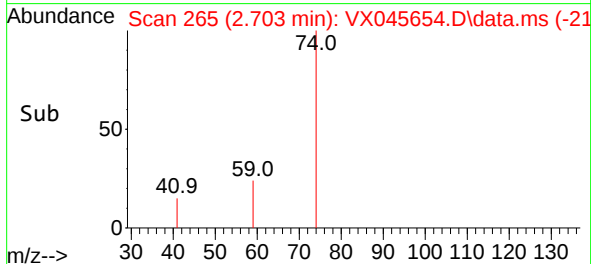
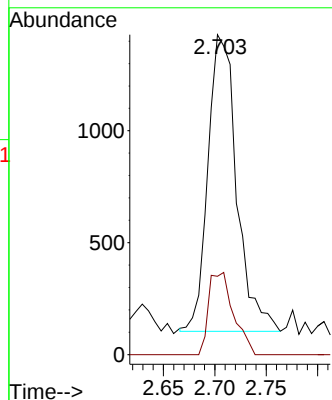
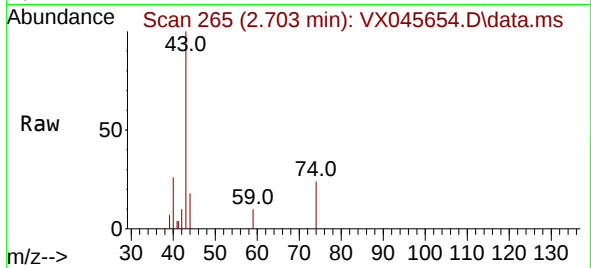




#18
Methyl Acetate
Concen: 2.216 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045654.D
Acq: 08 Apr 2025 15:58

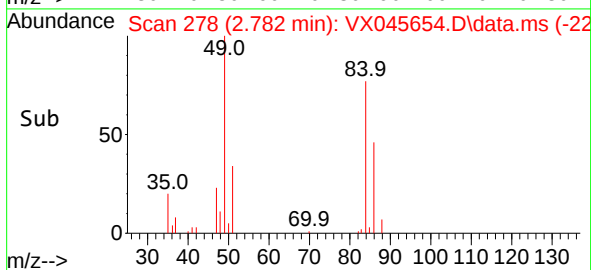
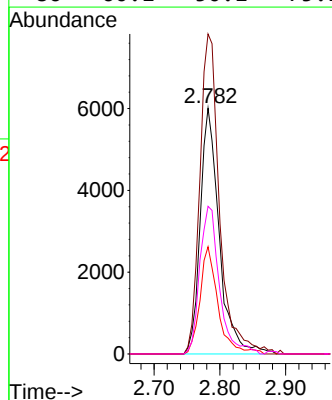
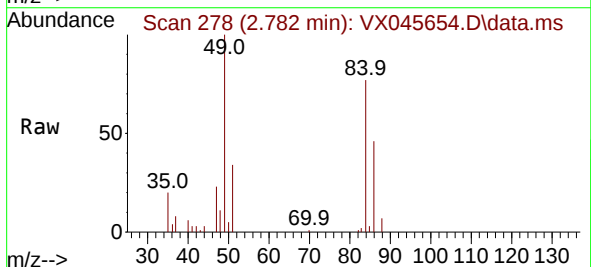
Instrument :
MSVOA_X
ClientSampleId :
PB167492ZHE03

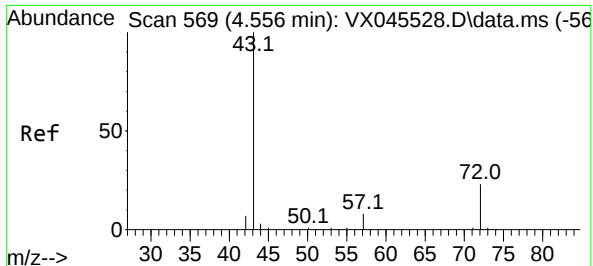
Tgt Ion: 43 Resp: 2581
Ion Ratio Lower Upper
43 100
74 23.8 17.5 26.3



#20
Methylene Chloride
Concen: 12.766 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045654.D
Acq: 08 Apr 2025 15:58

Tgt Ion: 84 Resp: 12090
Ion Ratio Lower Upper
84 100
49 130.2 107.5 161.3
51 43.6 33.0 49.6
86 60.1 50.1 75.1





#25

2-Butanone

Concen: 15.671 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX045654.D

Acq: 08 Apr 2025 15:58

Instrument :

MSVOA_X

ClientSampleId :

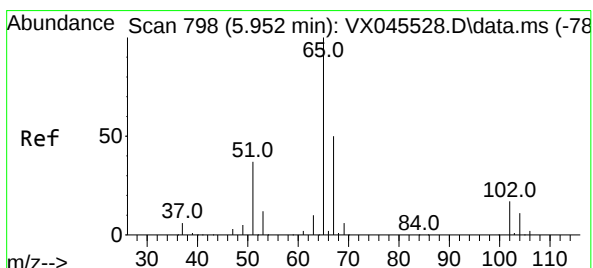
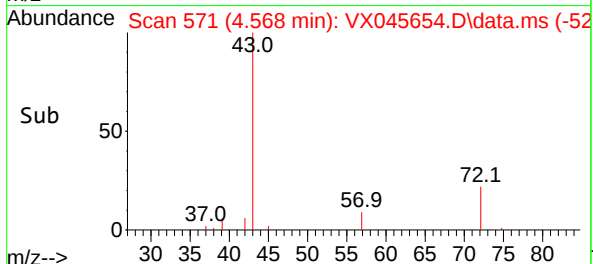
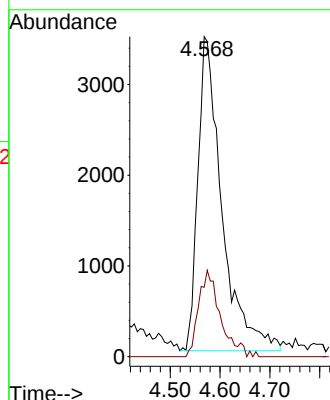
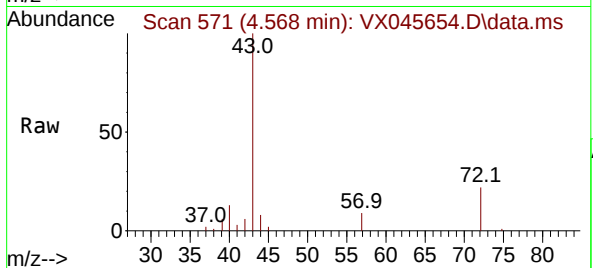
PB167492ZHE03

Tgt Ion: 43 Resp: 11604

Ion Ratio Lower Upper

43 100

72 22.1 18.6 28.0



#33

1,2-Dichloroethane-d4

Concen: 54.774 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045654.D

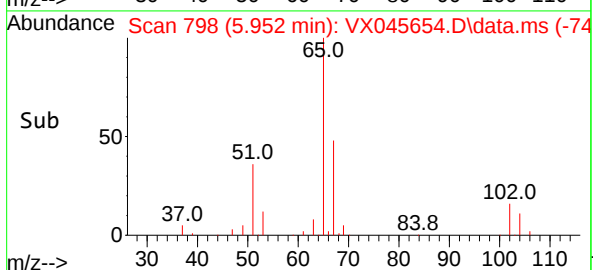
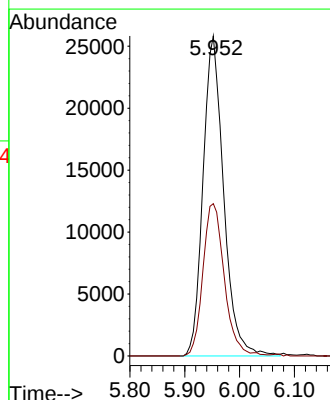
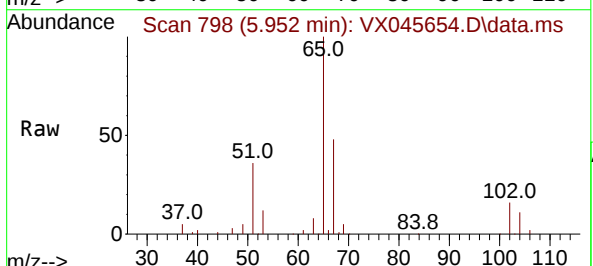
Acq: 08 Apr 2025 15:58

Tgt Ion: 65 Resp: 67476

Ion Ratio Lower Upper

65 100

67 49.5 0.0 99.0

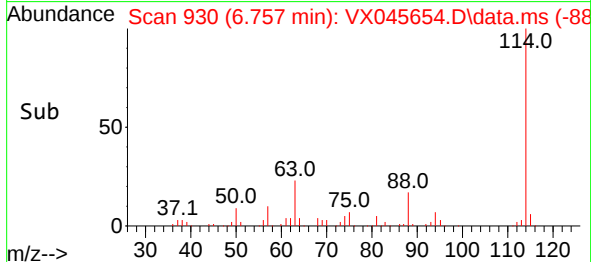
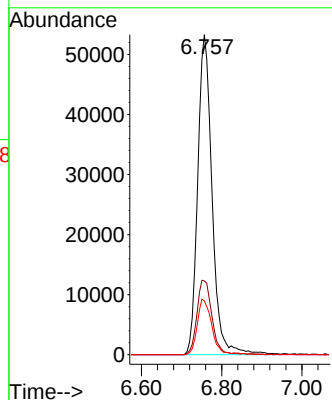
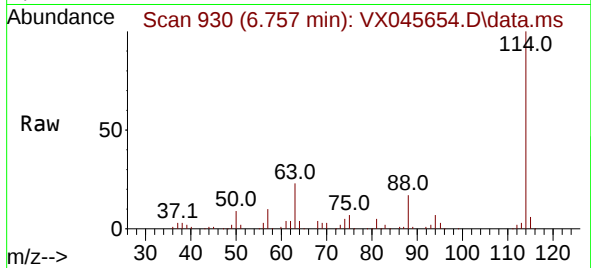




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045654.D
Acq: 08 Apr 2025 15:58

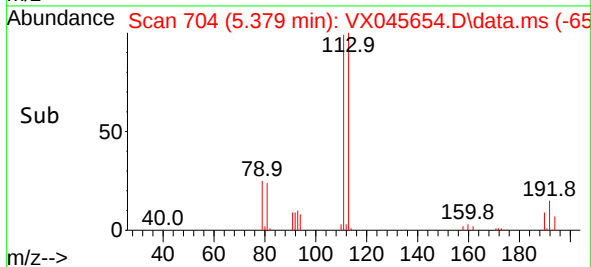
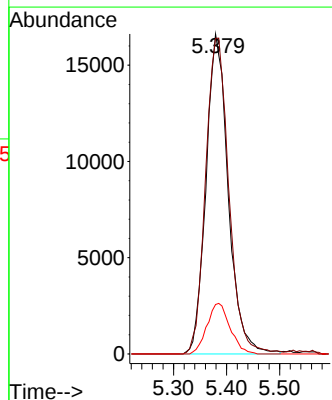
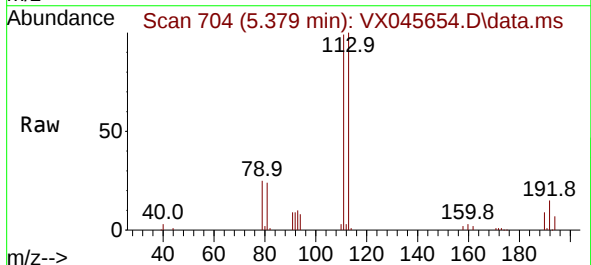
Instrument :
MSVOA_X
ClientSampleId :
PB167492ZHE03

Tgt Ion:114 Resp: 132718
Ion Ratio Lower Upper
114 100
63 23.1 0.0 46.8
88 16.8 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.422 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045654.D
Acq: 08 Apr 2025 15:58

Tgt Ion:113 Resp: 48421
Ion Ratio Lower Upper
113 100
111 103.3 81.8 122.6
192 16.4 13.8 20.6

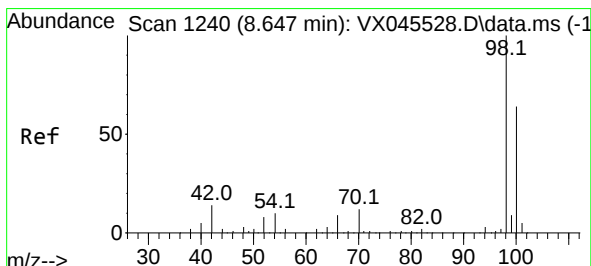
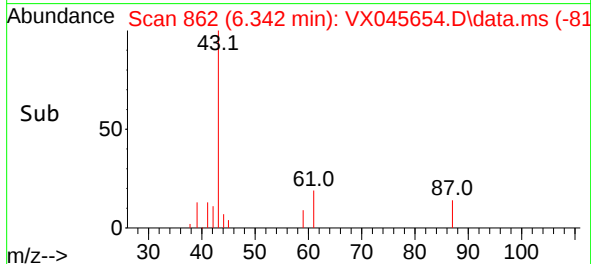
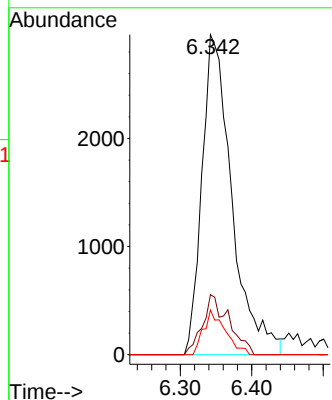
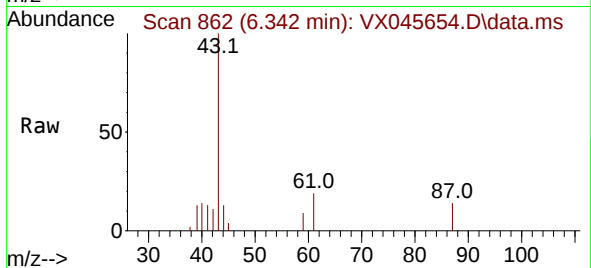




#43
Isopropyl Acetate
Concen: 3.545 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX045654.D
Acq: 08 Apr 2025 15:58

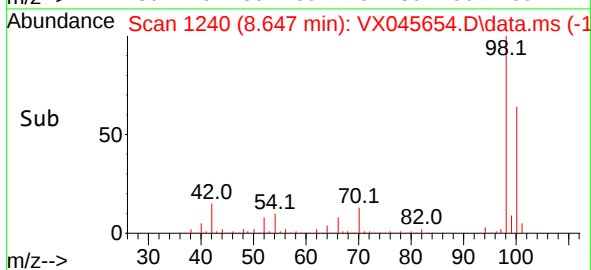
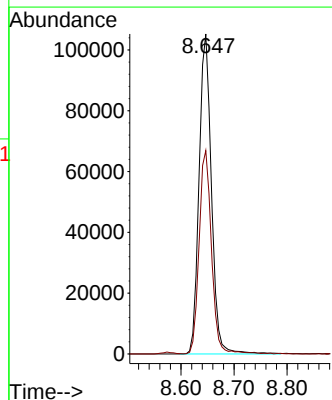
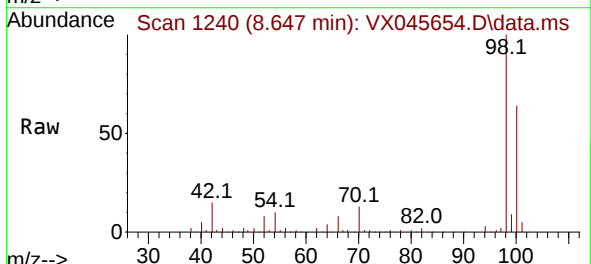
Instrument :
MSVOA_X
ClientSampleId :
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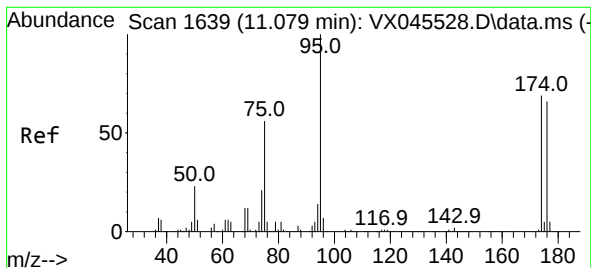
Tgt Ion: 43 Resp: 8608
Ion Ratio Lower Upper
43 100
61 16.6 14.1 21.1
87 10.1 9.2 13.8



#50
Toluene-d8
Concen: 51.918 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045654.D
Acq: 08 Apr 2025 15:58

Tgt Ion: 98 Resp: 170639
Ion Ratio Lower Upper
98 100
100 63.5 52.2 78.4

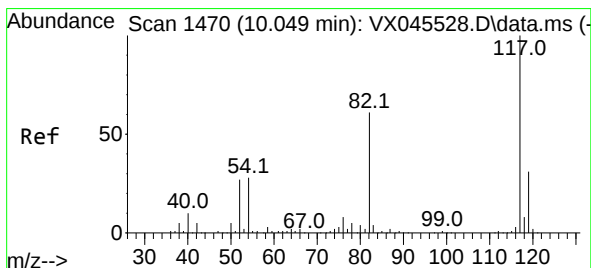
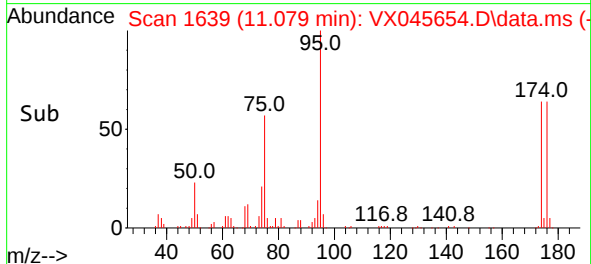
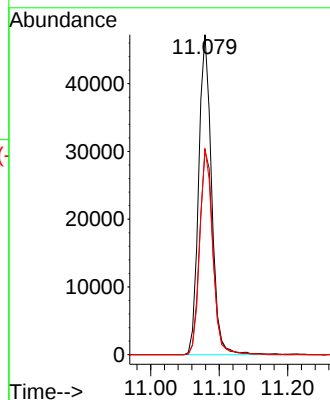
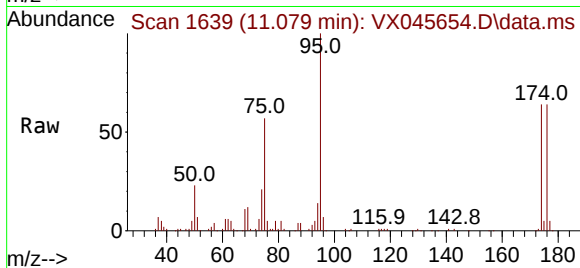




#62
4-Bromofluorobenzene
Concen: 51.754 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045654.D
Acq: 08 Apr 2025 15:58

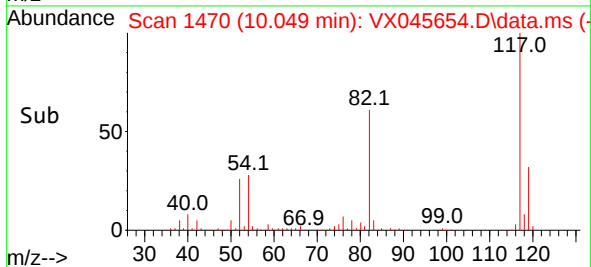
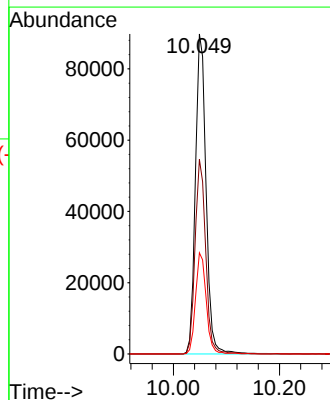
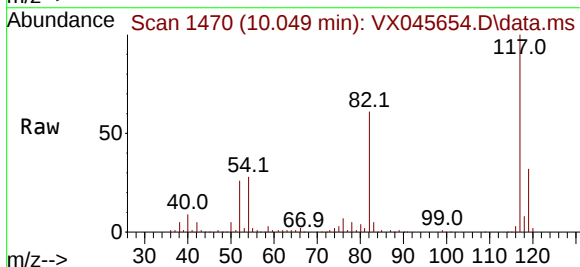
Instrument :
MSVOA_X
ClientSampleId :
PB167492ZHE03

Tgt Ion: 95 Resp: 61958
Ion Ratio Lower Upper
95 100
174 66.4 0.0 135.8
176 64.4 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045654.D
Acq: 08 Apr 2025 15:58

Tgt Ion: 117 Resp: 124907
Ion Ratio Lower Upper
117 100
82 60.8 49.2 73.8
119 31.6 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045654.D

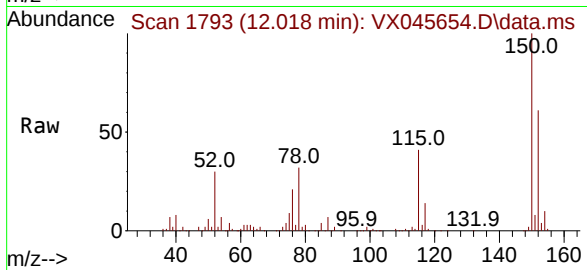
Acq: 08 Apr 2025 15:58

Instrument :

MSVOA_X

ClientSampleId :

PB167492ZHE03



Tgt Ion:152 Resp: 51698

Ion Ratio Lower Upper

152 100

115 65.6 46.9 140.7

150 160.6 0.0 349.4

