

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
 Data File : VX045807.D
 Acq On : 16 Apr 2025 14:58
 Operator : JC/MD
 Sample : PB167604ZHE#65
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167604ZHE#65

Quant Time: Apr 17 01:37:08 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)

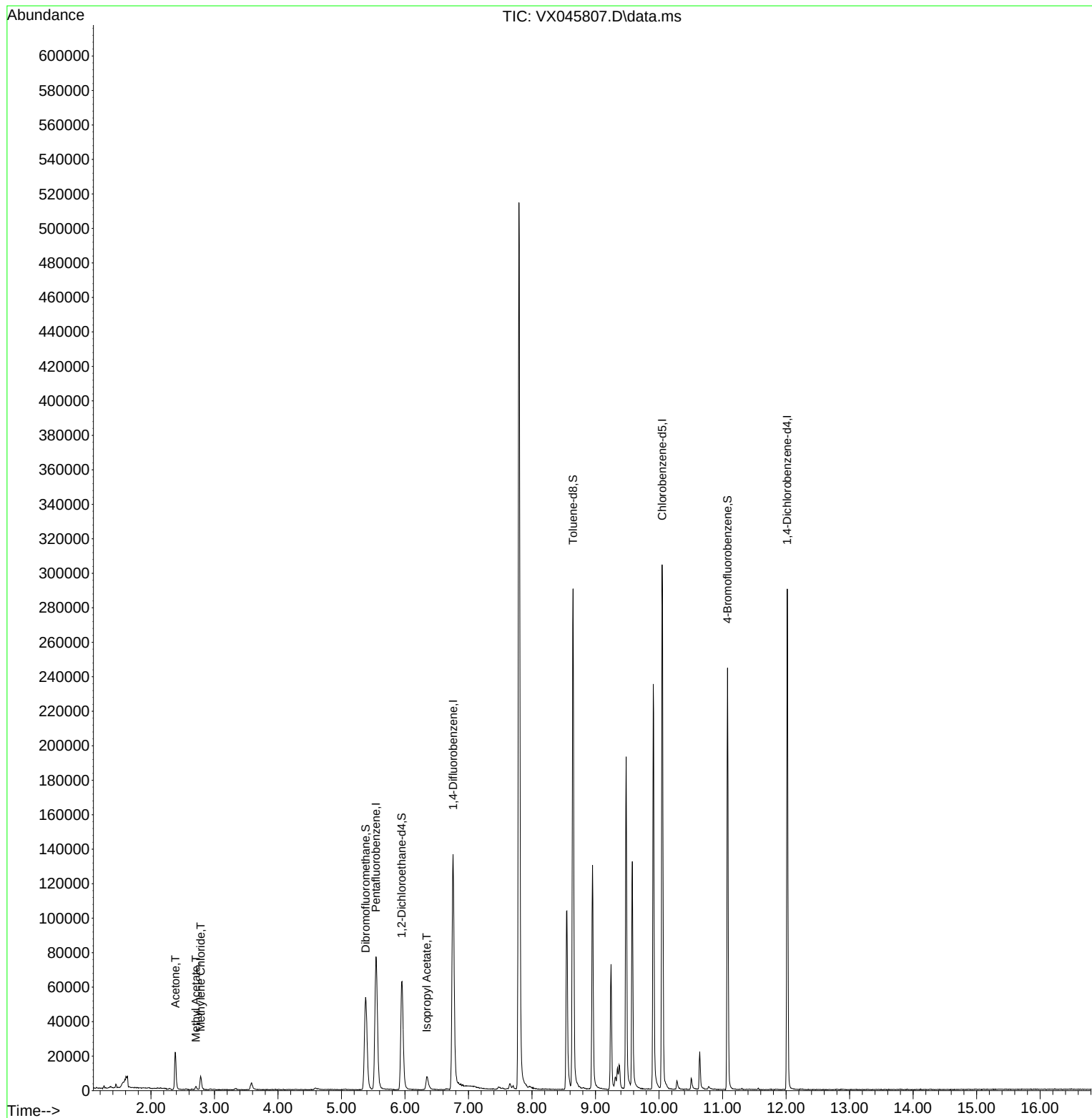
Internal Standards						
1) Pentafluorobenzene	5.544	168	65904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130461	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	66306	55.016	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	110.040%	
35) Dibromofluoromethane	5.379	113	47493	51.309	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	102.620%	
50) Toluene-d8	8.647	98	166731	51.607	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	103.220%	
62) 4-Bromofluorobenzene	11.079	95	63696	54.126	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	108.260%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	24391	49.285	ug/l	97
18) Methyl Acetate	2.709	43	2408	2.113	ug/l	92
20) Methylene Chloride	2.782	84	3460	3.734	ug/l #	89
43) Isopropyl Acetate	6.342	43	11260	4.717	ug/l	99

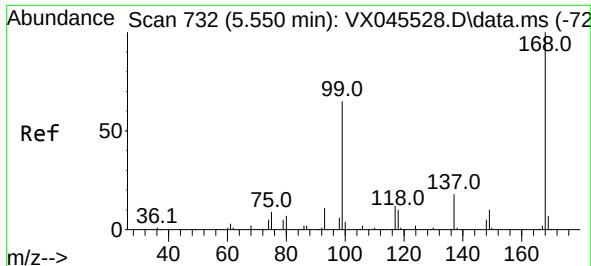
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 02 03:11:43 2025
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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX045807.D

Acq: 16 Apr 2025 14:58

Instrument :

MSVOA_X

ClientSampleId :

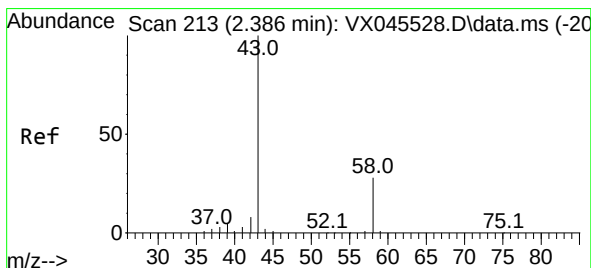
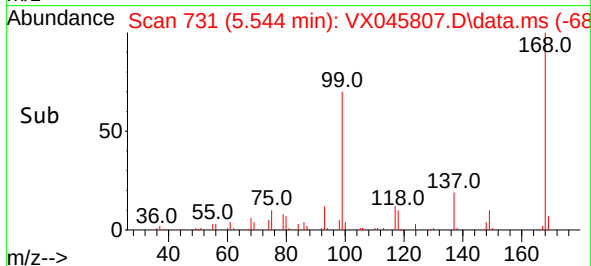
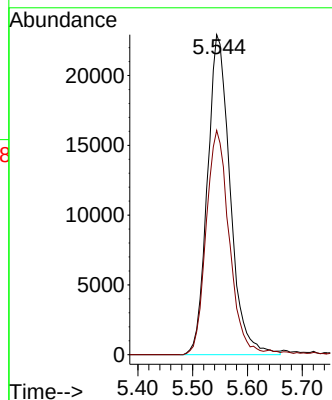
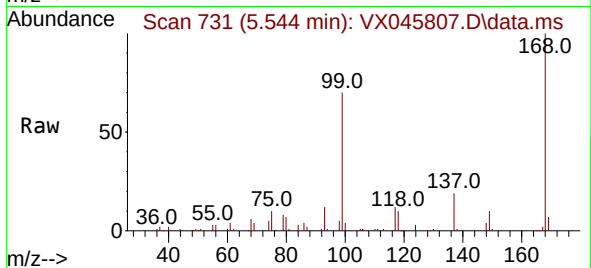
PB167604ZHE#65

Tgt Ion:168 Resp: 65904

Ion Ratio Lower Upper

168 100

99 70.1 52.3 78.5



#16

Acetone

Concen: 49.285 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX045807.D

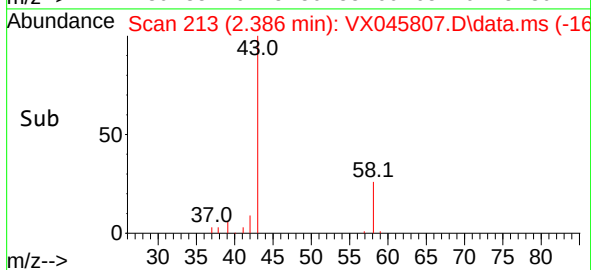
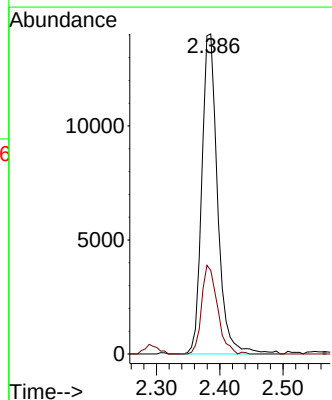
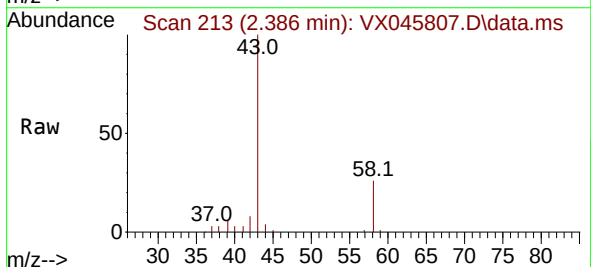
Acq: 16 Apr 2025 14:58

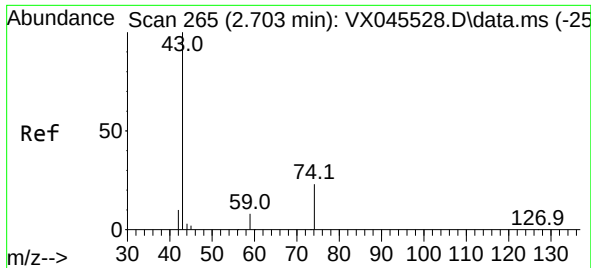
Tgt Ion: 43 Resp: 24391

Ion Ratio Lower Upper

43 100

58 26.1 22.3 33.5

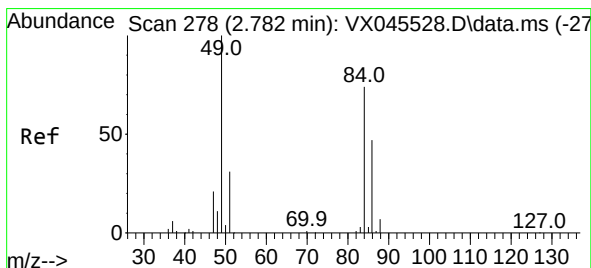
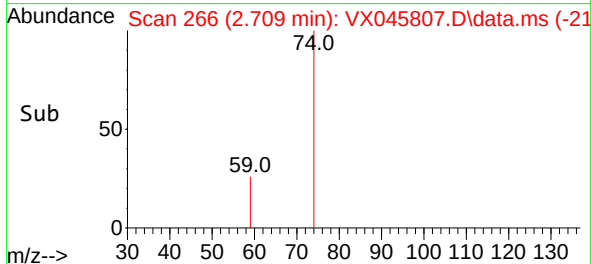
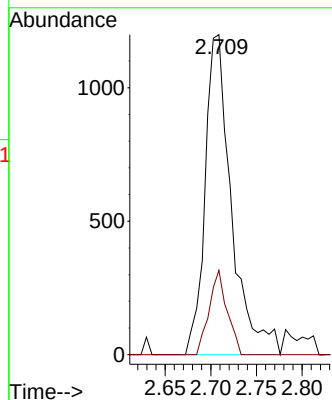
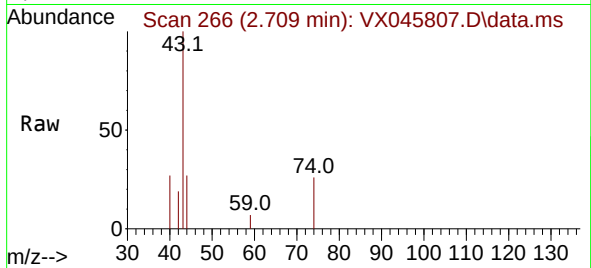




#18
Methyl Acetate
Concen: 2.113 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045807.D
Acq: 16 Apr 2025 14:58

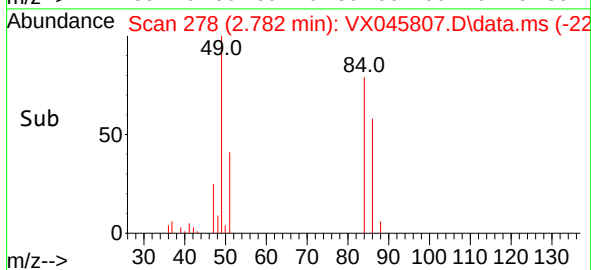
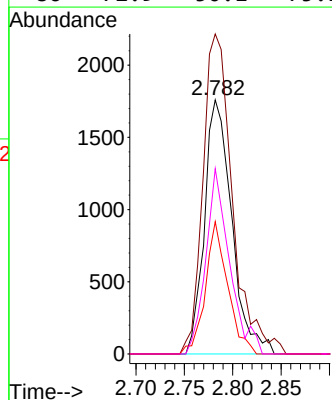
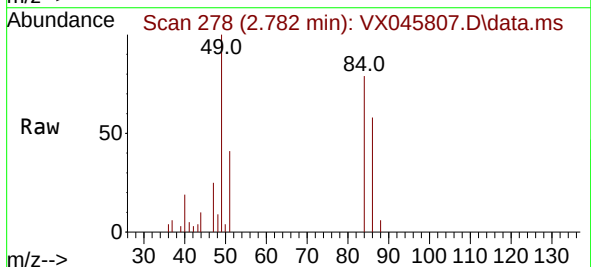
Instrument :
MSVOA_X
ClientSampleId :
PB167604ZHE#65

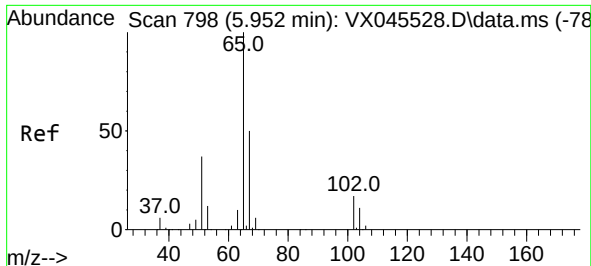
Tgt Ion: 43 Resp: 2408
Ion Ratio Lower Upper
43 100
74 17.9 17.5 26.3



#20
Methylene Chloride
Concen: 3.734 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045807.D
Acq: 16 Apr 2025 14:58

Tgt Ion: 84 Resp: 3460
Ion Ratio Lower Upper
84 100
49 125.9 107.5 161.3
51 52.1 33.0 49.6#
86 72.9 50.1 75.1





#33

1,2-Dichloroethane-d4

Concen: 55.016 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045807.D

Acq: 16 Apr 2025 14:58

Instrument :

MSVOA_X

ClientSampleId :

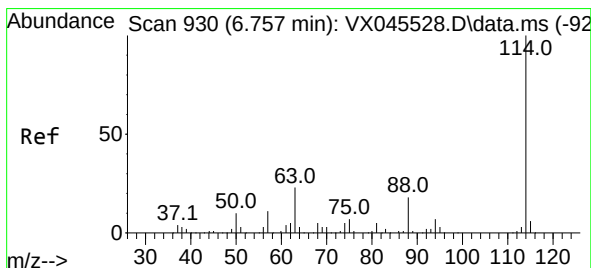
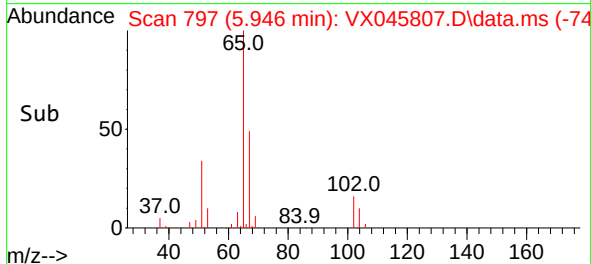
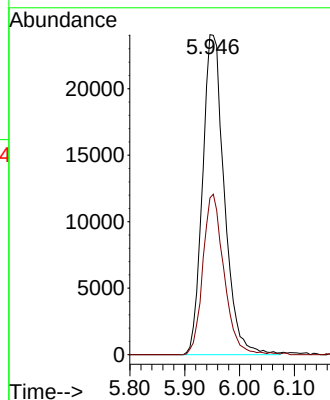
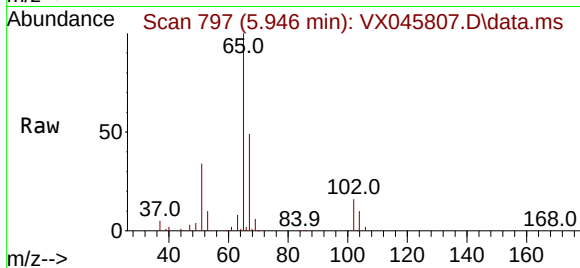
PB167604ZHE#65

Tgt Ion: 65 Resp: 66306

Ion Ratio Lower Upper

65 100

67 48.5 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045807.D

Acq: 16 Apr 2025 14:58

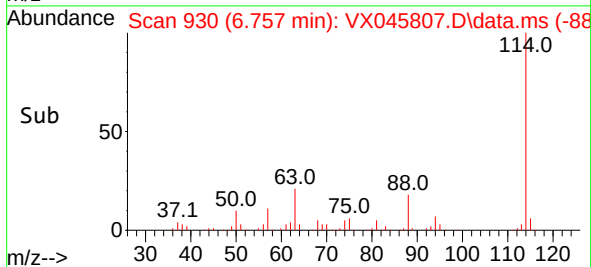
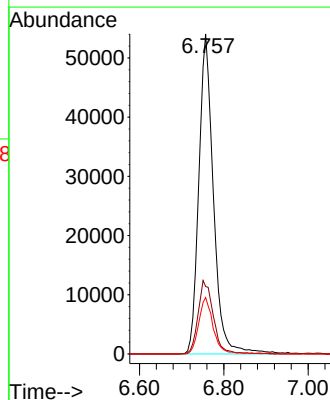
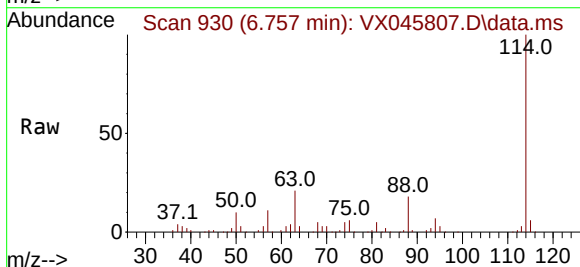
Tgt Ion: 114 Resp: 130461

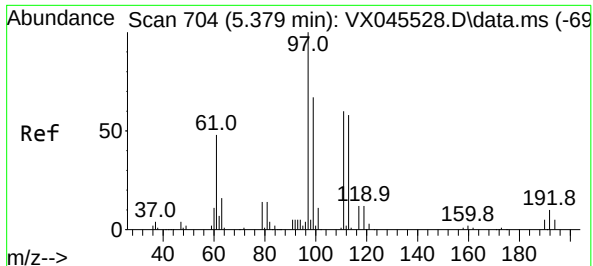
Ion Ratio Lower Upper

114 100

63 21.1 0.0 46.8

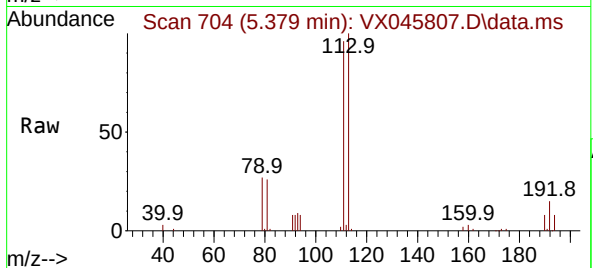
88 17.7 0.0 35.4



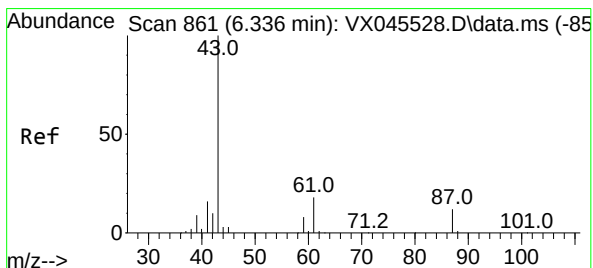
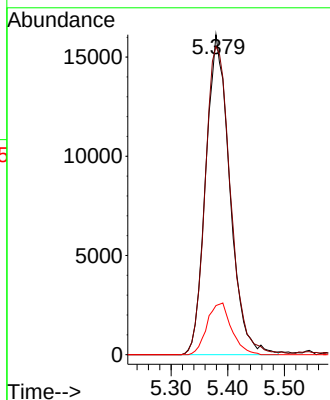
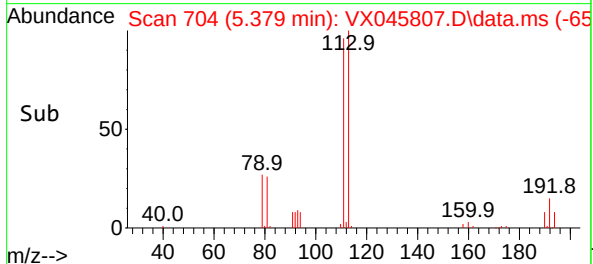


#35
Dibromofluoromethane
Concen: 51.309 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045807.D
Acq: 16 Apr 2025 14:58

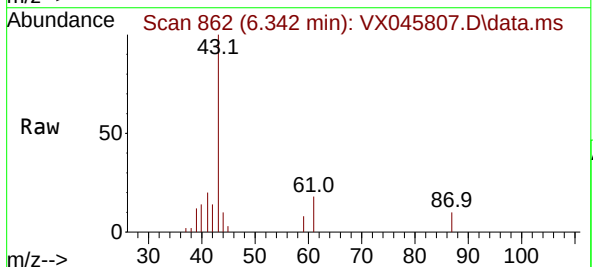
Instrument :
MSVOA_X
ClientSampleId :
PB167604ZHE#65



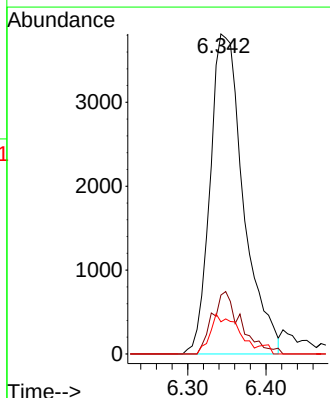
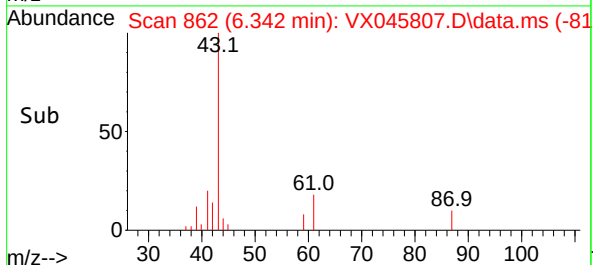
Tgt Ion:113 Resp: 47493
Ion Ratio Lower Upper
113 100
111 101.4 81.8 122.6
192 16.4 13.8 20.6

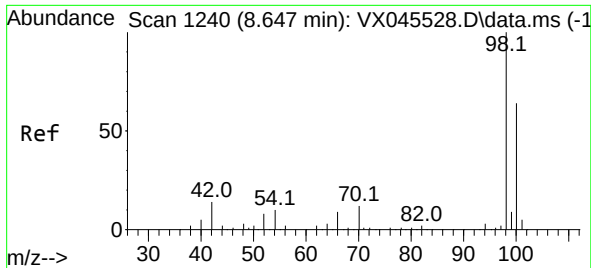


#43
Isopropyl Acetate
Concen: 4.717 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX045807.D
Acq: 16 Apr 2025 14:58



Tgt Ion: 43 Resp: 11260
Ion Ratio Lower Upper
43 100
61 16.9 14.1 21.1
87 11.3 9.2 13.8

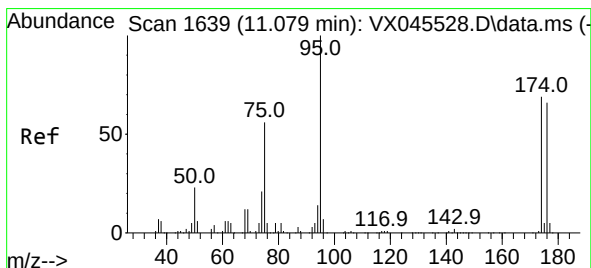
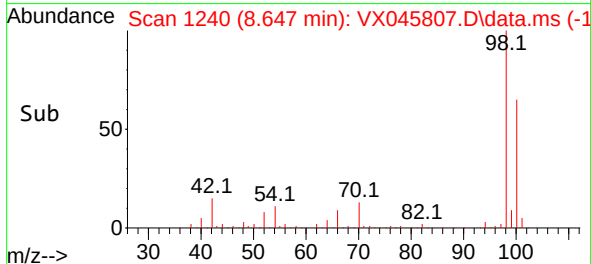
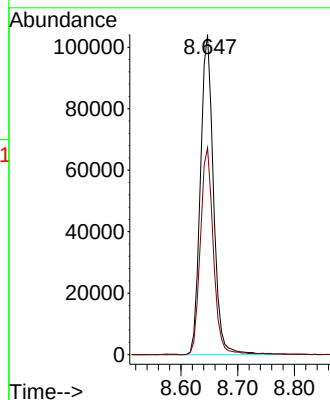
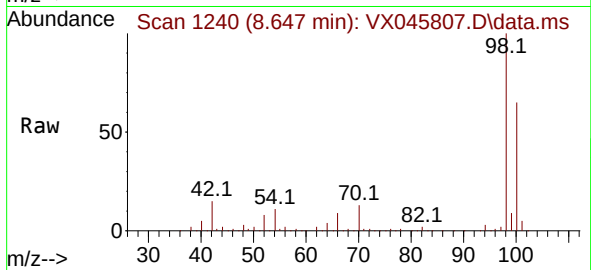




#50
Toluene-d8
Concen: 51.607 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045807.D
Acq: 16 Apr 2025 14:58

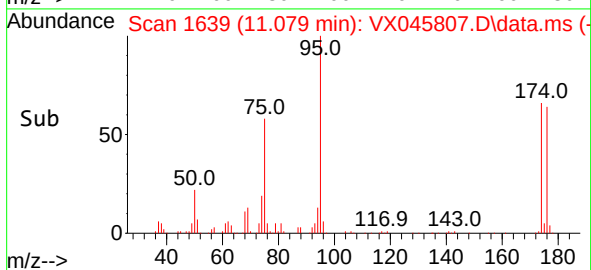
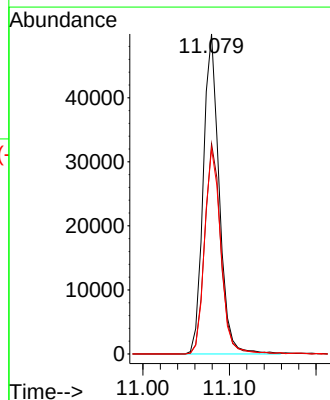
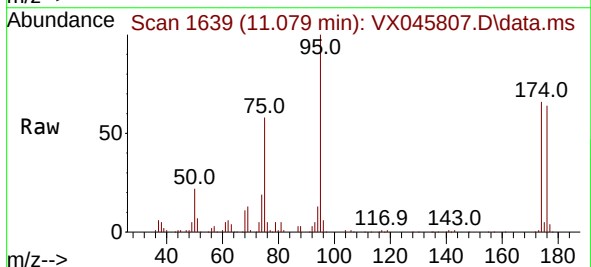
Instrument :
MSVOA_X
ClientSampleId :
PB167604ZHE#65

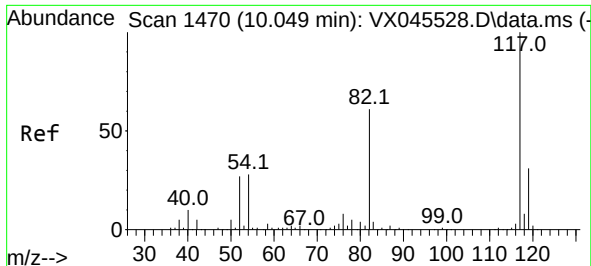
Tgt Ion: 98 Resp: 166731
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 54.126 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045807.D
Acq: 16 Apr 2025 14:58

Tgt Ion: 95 Resp: 63696
Ion Ratio Lower Upper
95 100
174 66.6 0.0 135.8
176 65.4 0.0 131.4

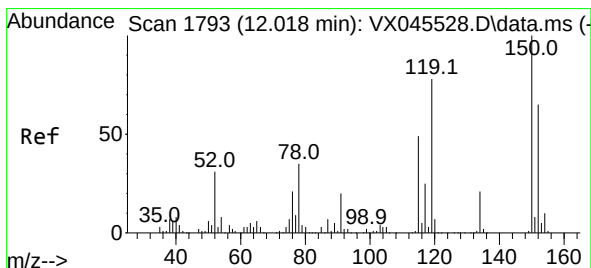
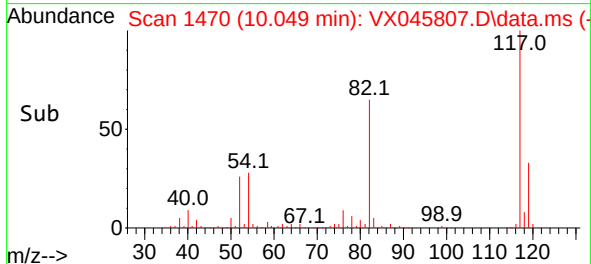
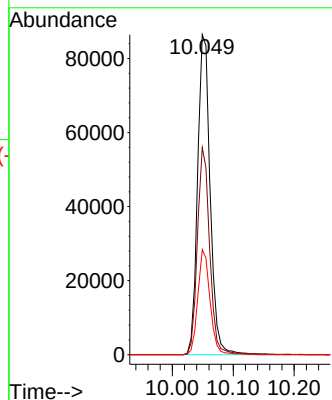
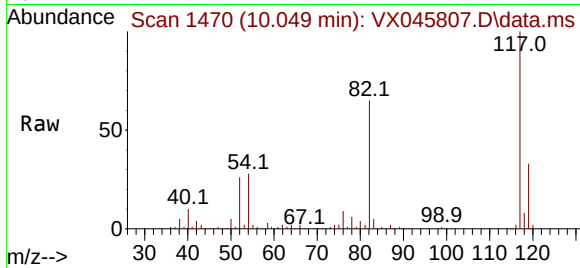




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045807.D
Acq: 16 Apr 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
PB167604ZHE#65

Tgt Ion:117 Resp: 124006
Ion Ratio Lower Upper
117 100
82 64.7 49.2 73.8
119 32.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045807.D
Acq: 16 Apr 2025 14:58

Tgt Ion:152 Resp: 52395
Ion Ratio Lower Upper
152 100
115 65.6 46.9 140.7
150 157.4 0.0 349.4

