

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042425\
 Data File : VX045920.D
 Acq On : 24 Apr 2025 12:27
 Operator : JC/MD
 Sample : PB167707ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167707ZHE#01

Quant Time: Apr 25 02:26:24 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)

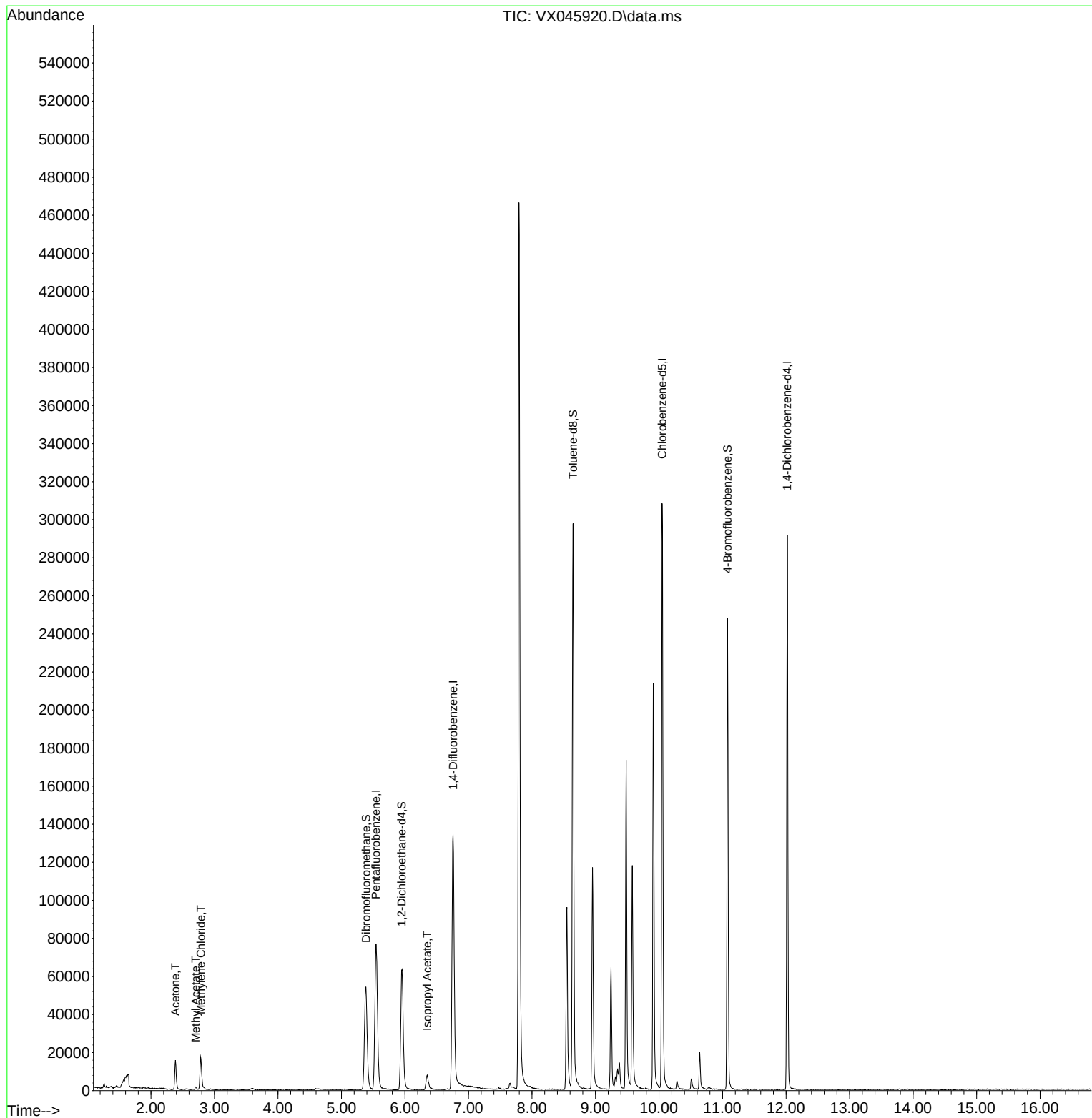
Internal Standards						
1) Pentafluorobenzene	5.544	168	66422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132923	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	66742	54.946	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.900%
35) Dibromofluoromethane	5.385	113	47375	50.234	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.460%
50) Toluene-d8	8.647	98	169748	51.568	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.140%
62) 4-Bromofluorobenzene	11.079	95	64013	53.388	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.780%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	16488	33.056	ug/l	98
18) Methyl Acetate	2.703	43	1885	1.641	ug/l #	88
20) Methylene Chloride	2.788	84	7885	8.444	ug/l	90
43) Isopropyl Acetate	6.348	43	11481	4.721	ug/l	99

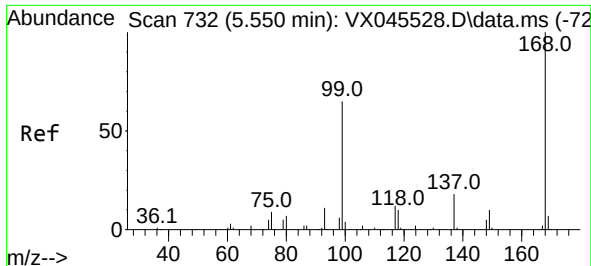
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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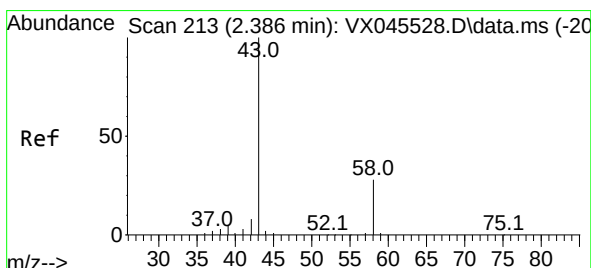
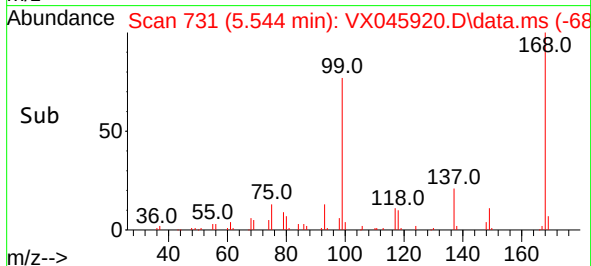
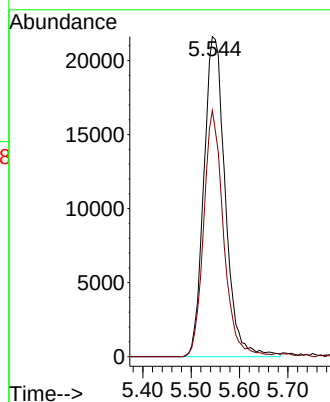
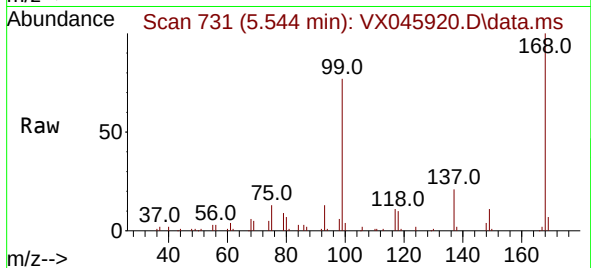




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045920.D
Acq: 24 Apr 2025 12:27

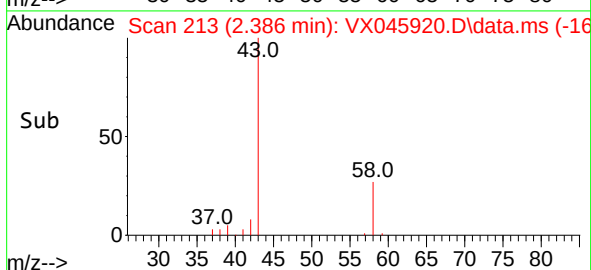
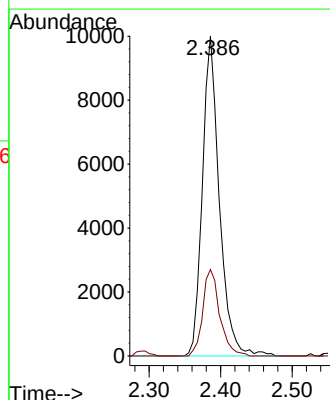
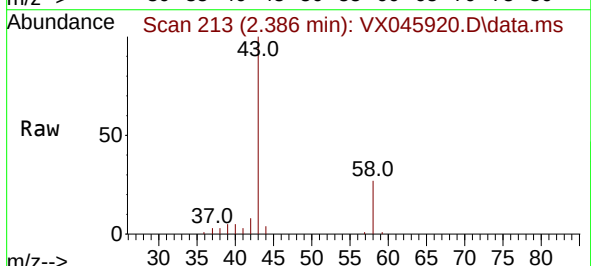
Instrument :
MSVOA_X
ClientSampleId :
PB167707ZHE#01

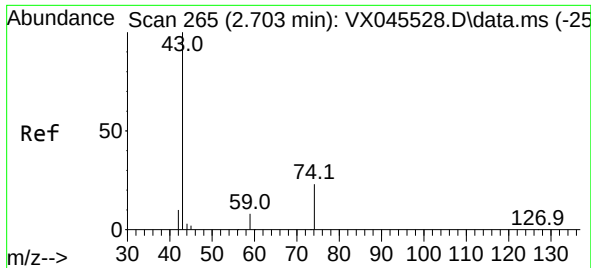
Tgt Ion:168 Resp: 66422
Ion Ratio Lower Upper
168 100
99 76.9 52.3 78.5



#16
Acetone
Concen: 33.056 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045920.D
Acq: 24 Apr 2025 12:27

Tgt Ion: 43 Resp: 16488
Ion Ratio Lower Upper
43 100
58 27.0 22.3 33.5

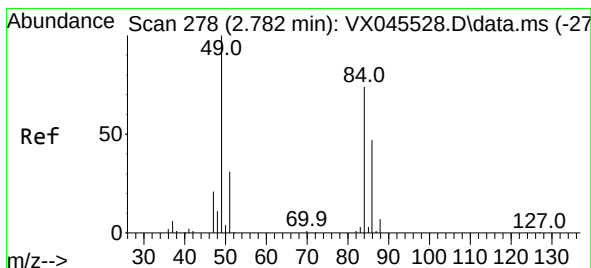
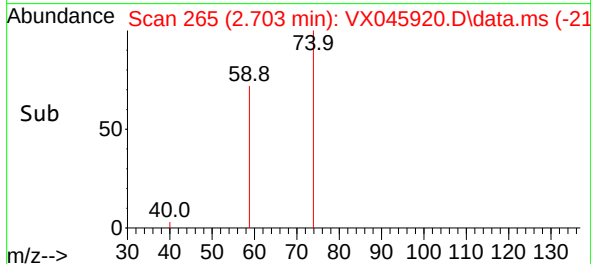
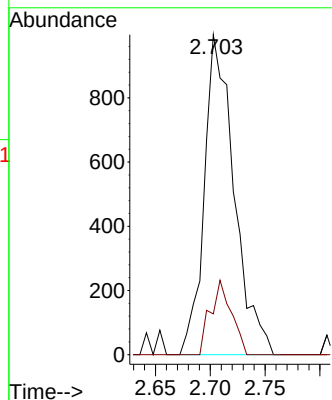
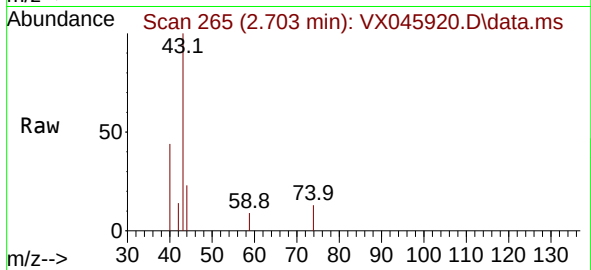




#18
Methyl Acetate
Concen: 1.641 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX045920.D
Acq: 24 Apr 2025 12:27

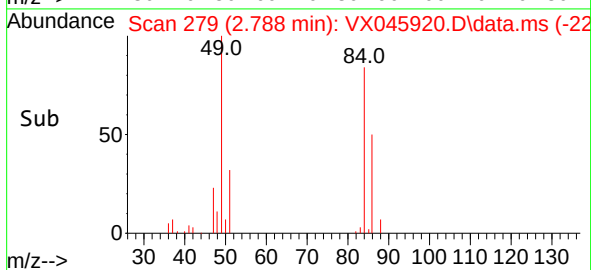
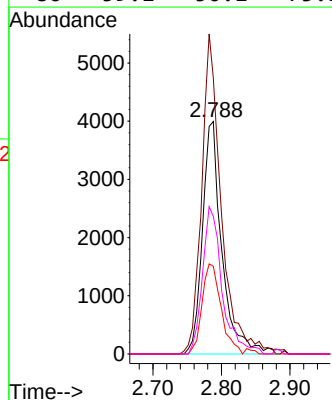
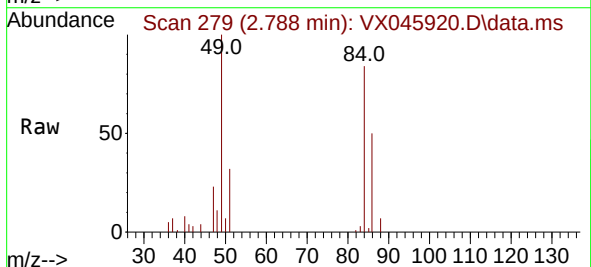
Instrument :
MSVOA_X
ClientSampleId :
PB167707ZHE#01

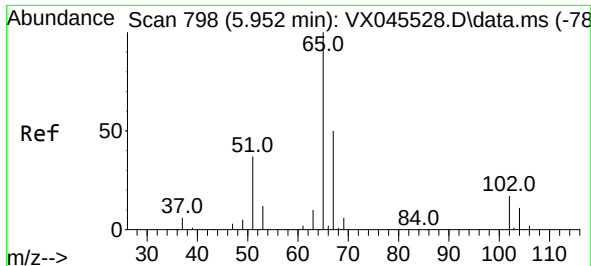
Tgt Ion: 43 Resp: 1885
Ion Ratio Lower Upper
43 100
74 16.3 17.5 26.3#



#20
Methylene Chloride
Concen: 8.444 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045920.D
Acq: 24 Apr 2025 12:27

Tgt Ion: 84 Resp: 7885
Ion Ratio Lower Upper
84 100
49 118.6 107.5 161.3
51 37.7 33.0 49.6
86 59.1 50.1 75.1





#33

1,2-Dichloroethane-d4

Concen: 54.946 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045920.D

Acq: 24 Apr 2025 12:27

Instrument :

MSVOA_X

ClientSampleId :

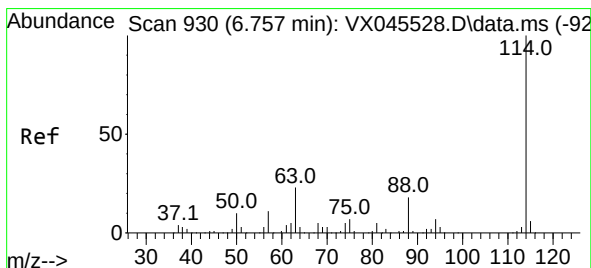
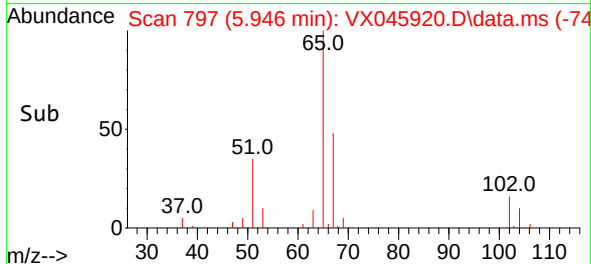
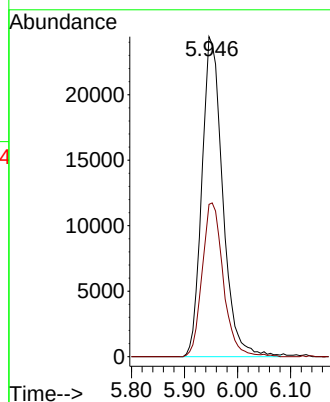
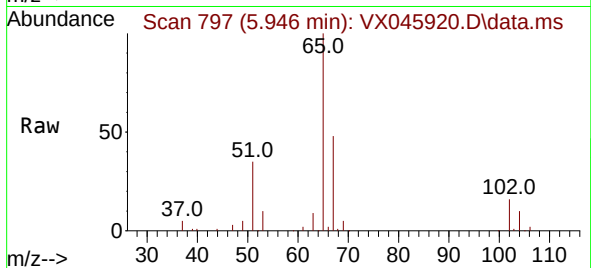
PB167707ZHE#01

Tgt Ion: 65 Resp: 66742

Ion Ratio Lower Upper

65 100

67 48.8 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: VX045920.D

Acq: 24 Apr 2025 12:27

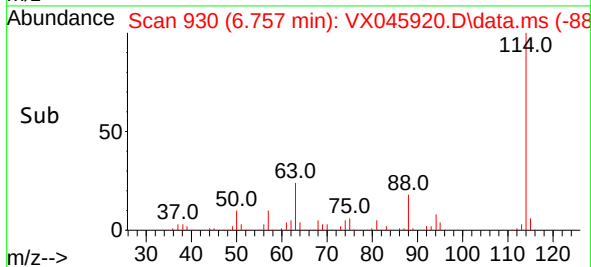
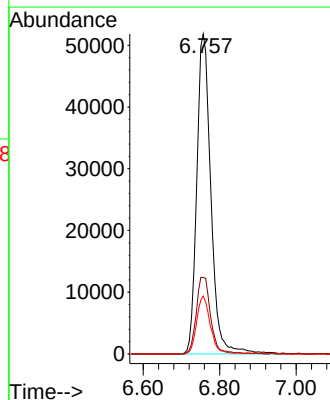
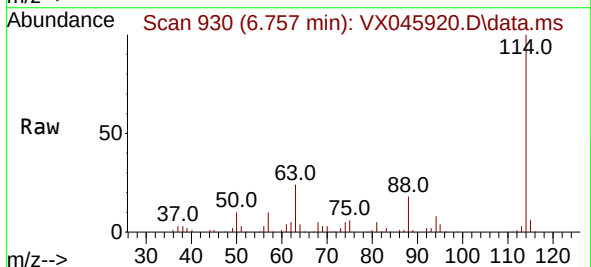
Tgt Ion: 114 Resp: 132923

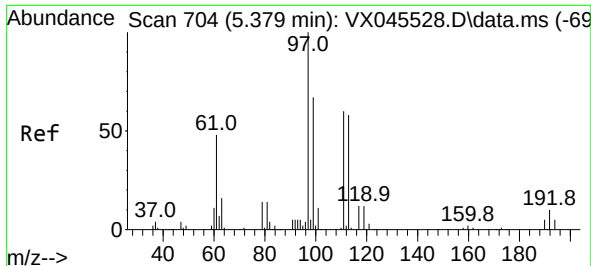
Ion Ratio Lower Upper

114 100

63 23.9 0.0 46.8

88 18.1 0.0 35.4





#35

Dibromofluoromethane

Concen: 50.234 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX045920.D

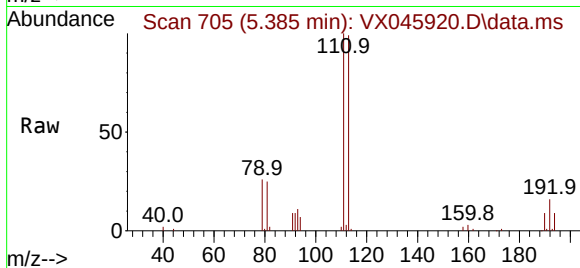
Acq: 24 Apr 2025 12:27

Instrument :

MSVOA_X

ClientSampleId :

PB167707ZHE#01



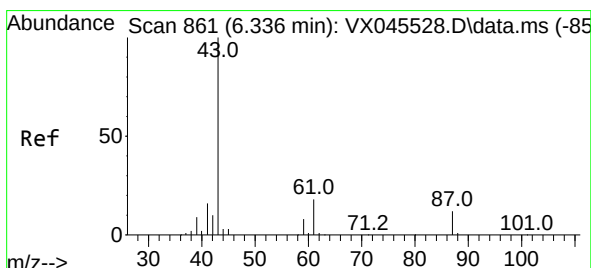
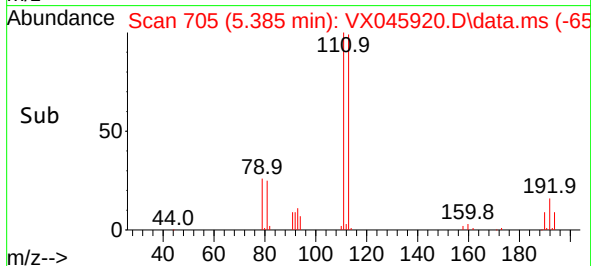
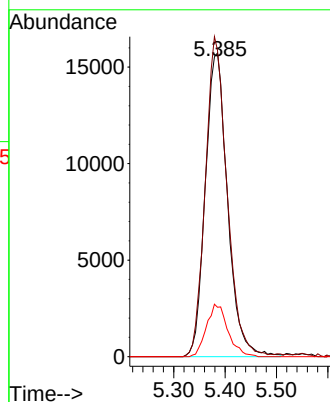
Tgt Ion:113 Resp: 47375

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.6

192 16.6 13.8 20.6



#43

Isopropyl Acetate

Concen: 4.721 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.012 min

Lab File: VX045920.D

Acq: 24 Apr 2025 12:27

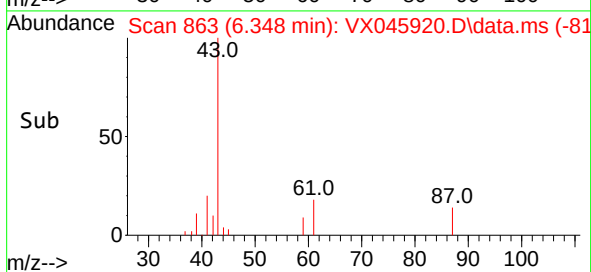
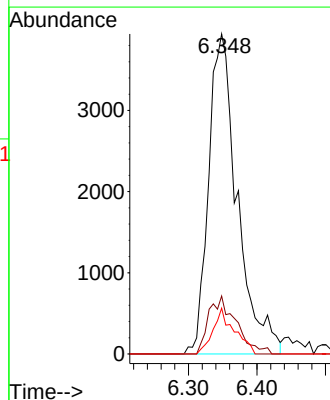
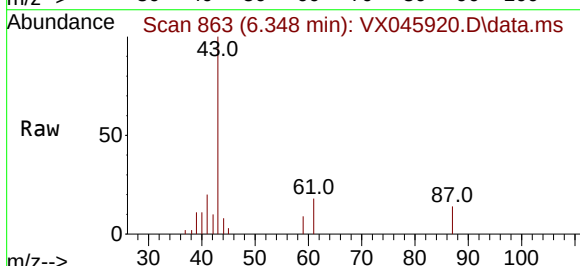
Tgt Ion: 43 Resp: 11481

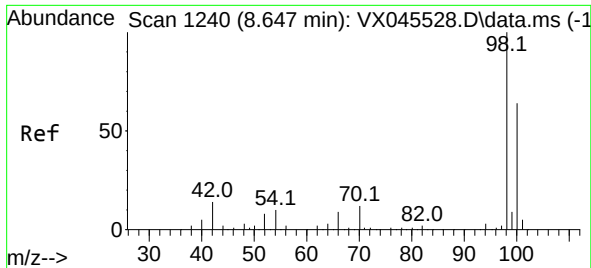
Ion Ratio Lower Upper

43 100

61 17.3 14.1 21.1

87 10.6 9.2 13.8

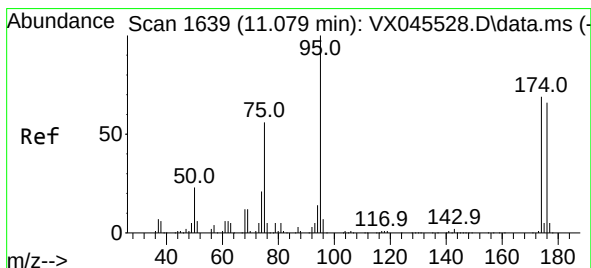
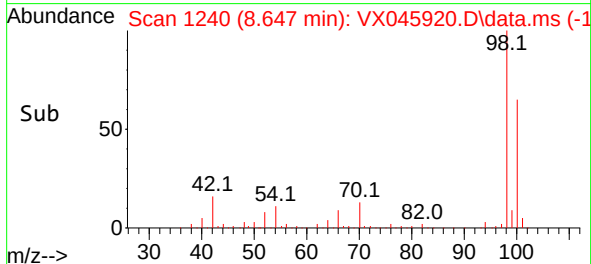
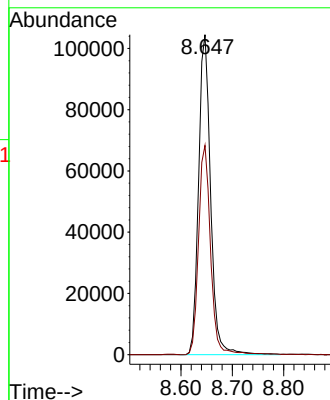
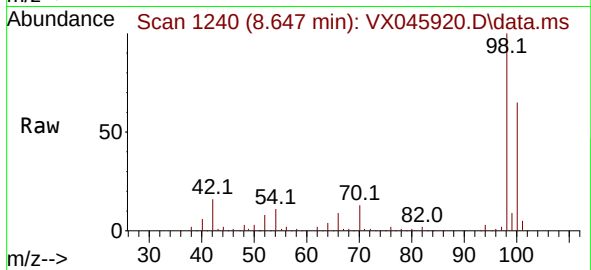




#50
Toluene-d8
Concen: 51.568 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045920.D
Acq: 24 Apr 2025 12:27

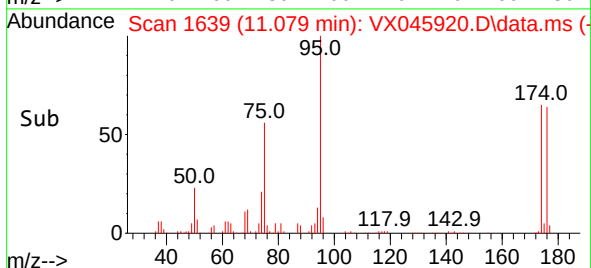
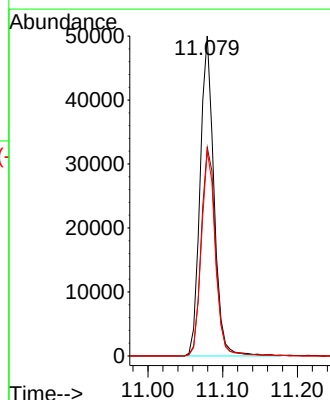
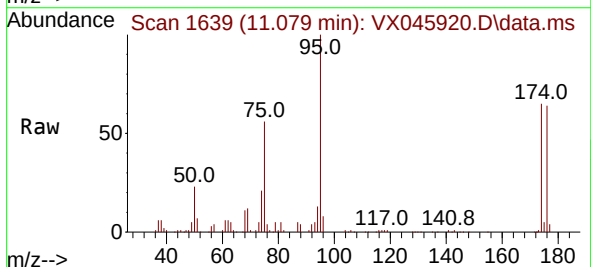
Instrument :
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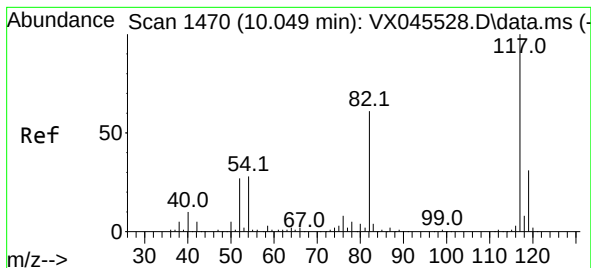
Tgt Ion: 98 Resp: 169748
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 53.388 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045920.D
Acq: 24 Apr 2025 12:27

Tgt Ion: 95 Resp: 64013
Ion Ratio Lower Upper
95 100
174 68.5 0.0 135.8
176 65.0 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: VX045920.D

Acq: 24 Apr 2025 12:27

Instrument :

MSVOA_X

ClientSampleId :

PB167707ZHE#01

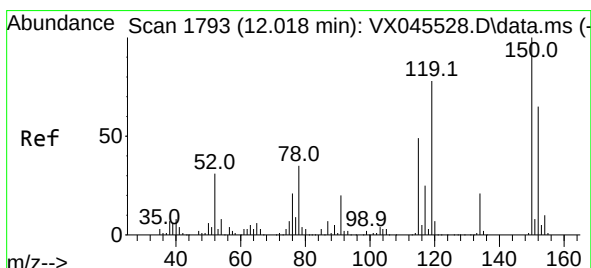
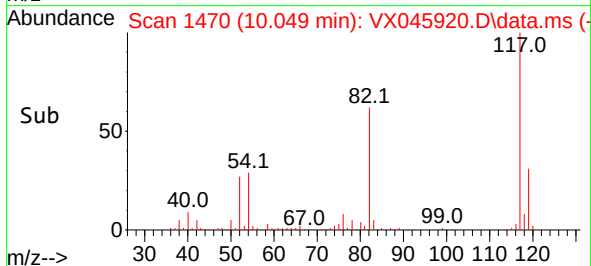
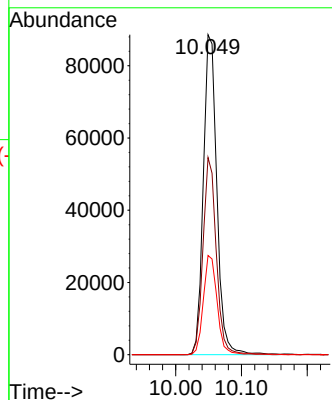
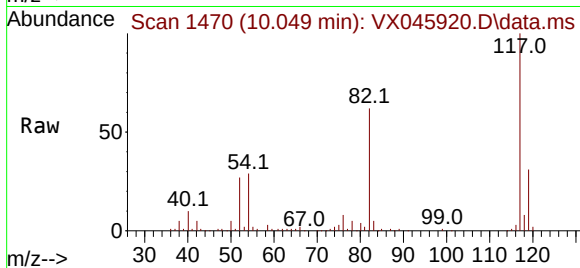
Tgt Ion:117 Resp: 126918

Ion Ratio Lower Upper

117 100

82 61.6 49.2 73.8

119 31.0 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: VX045920.D

Acq: 24 Apr 2025 12:27

Tgt Ion:152 Resp: 53693

Ion Ratio Lower Upper

152 100

115 65.0 46.9 140.7

150 156.9 0.0 349.4

