

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030325\
 Data File : VX045106.D
 Acq On : 03 Mar 2025 11:53
 Operator : JC/MD
 Sample : PB166928ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB166928ZHE#01

Quant Time: Mar 04 05:21:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

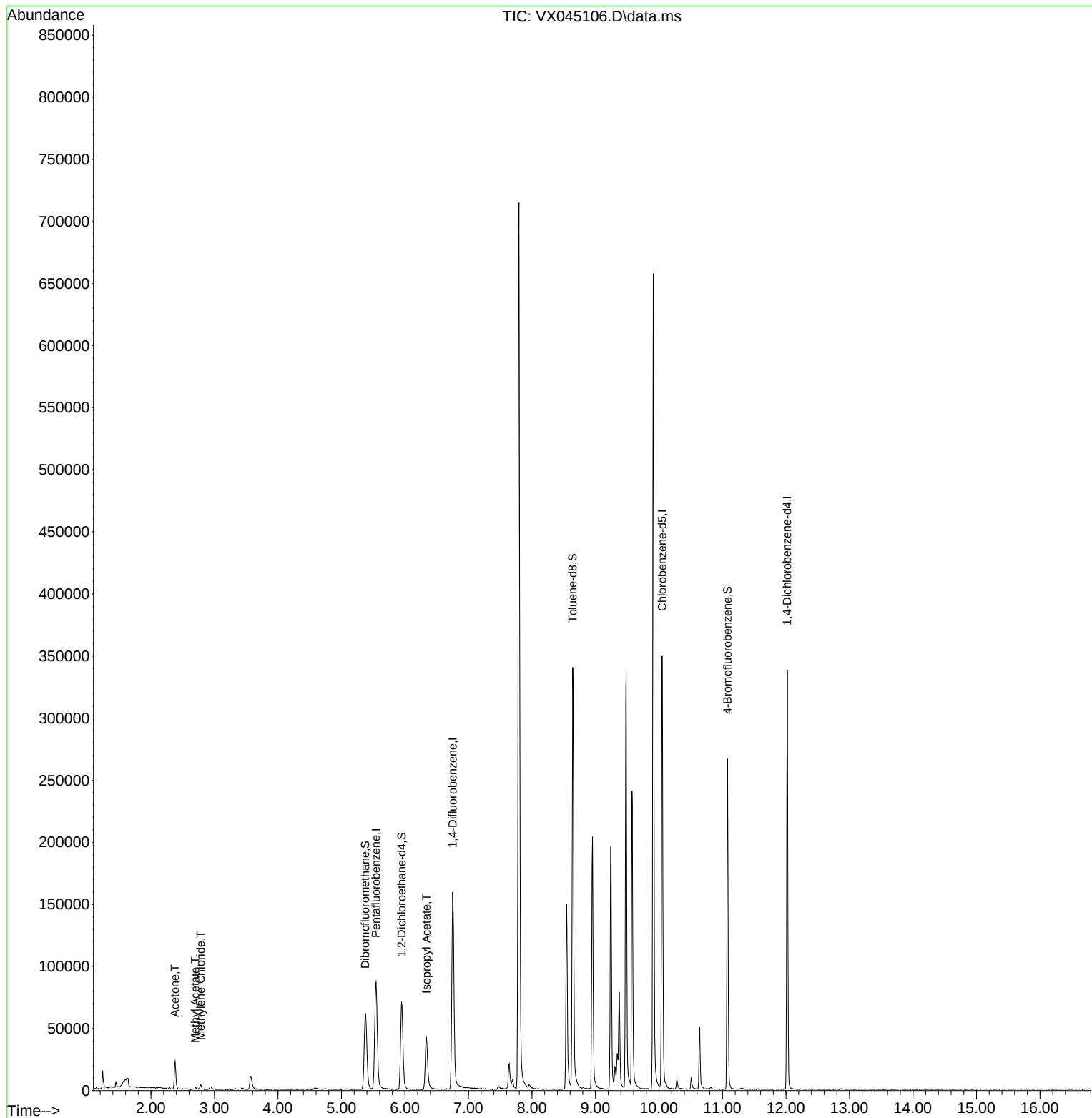
Internal Standards						
1) Pentafluorobenzene	5.544	168	81781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	164951	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	150327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	67300	51.736	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.480%	
35) Dibromofluoromethane	5.373	113	55525	50.341	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.680%	
50) Toluene-d8	8.641	98	206076	51.536	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.080%	
62) 4-Bromofluorobenzene	11.079	95	70419	53.144	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.280%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	24490	40.576	ug/l	99
18) Methyl Acetate	2.697	43	1867	1.286	ug/l	91
20) Methylene Chloride	2.782	84	1769	1.480	ug/l	95
43) Isopropyl Acetate	6.336	43	61044	21.180	ug/l	100

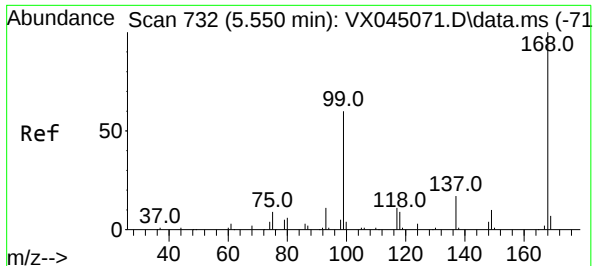
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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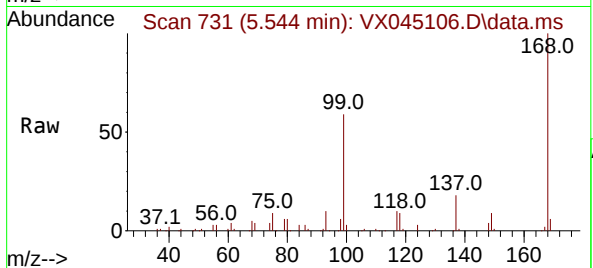
Quant Time: Mar 04 05:21:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
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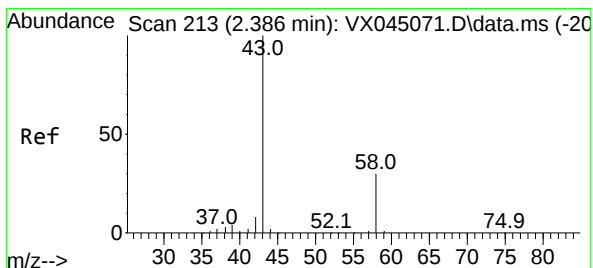
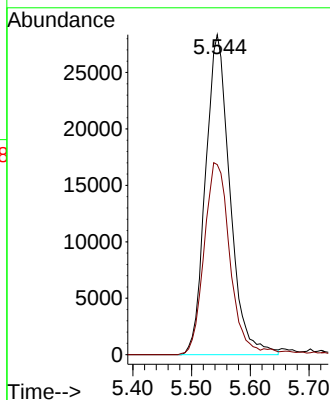
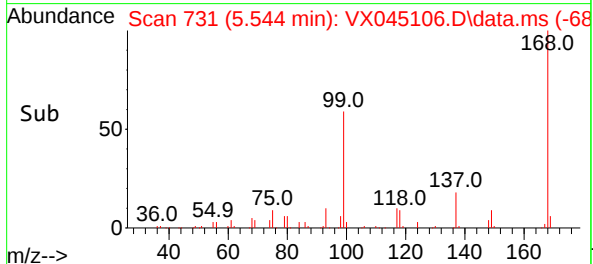


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045106.D
Acq: 03 Mar 2025 11:53

Instrument :
MSVOA_X
ClientSampleId :
PB166928ZHE#01

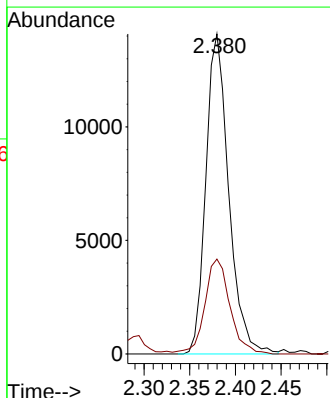
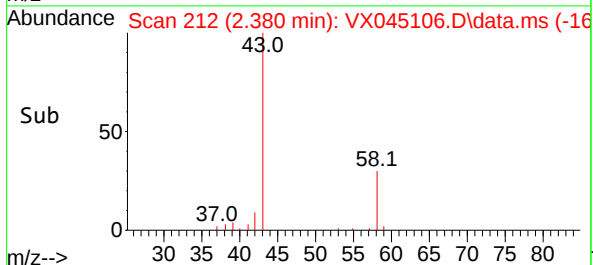
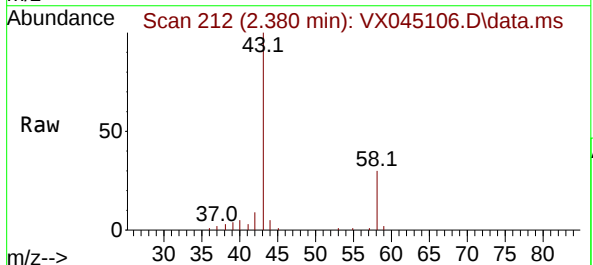


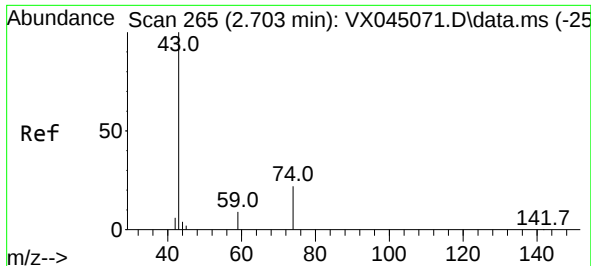
Tgt Ion:168 Resp: 81781
Ion Ratio Lower Upper
168 100
99 59.4 48.2 72.4



#16
Acetone
Concen: 40.576 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045106.D
Acq: 03 Mar 2025 11:53

Tgt Ion: 43 Resp: 24490
Ion Ratio Lower Upper
43 100
58 29.6 24.2 36.4





#18

Methyl Acetate

Concen: 1.286 ug/l

RT: 2.697 min Scan# 2

Delta R.T. -0.006 min

Lab File: VX045106.D

Acq: 03 Mar 2025 11:53

Instrument :

MSVOA_X

ClientSampleId :

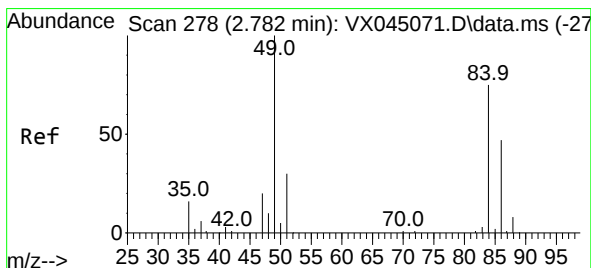
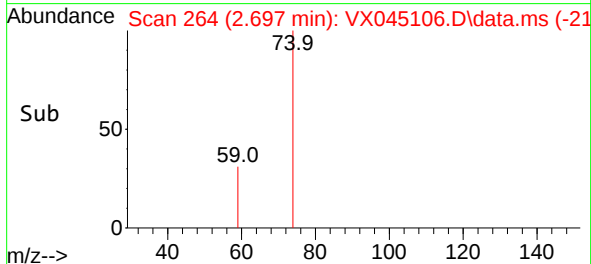
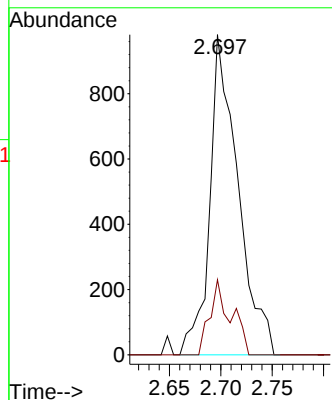
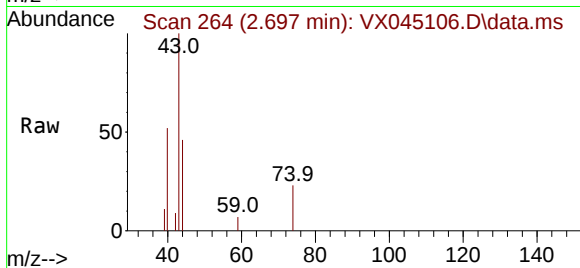
PB166928ZHE#01

Tgt Ion: 43 Resp: 1867

Ion Ratio Lower Upper

43 100

74 17.6 17.4 26.2



#20

Methylene Chloride

Concen: 1.480 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.000 min

Lab File: VX045106.D

Acq: 03 Mar 2025 11:53

Tgt Ion: 84 Resp: 1769

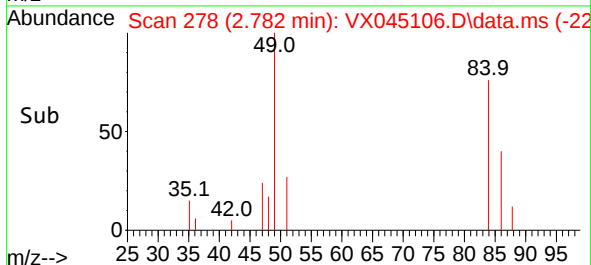
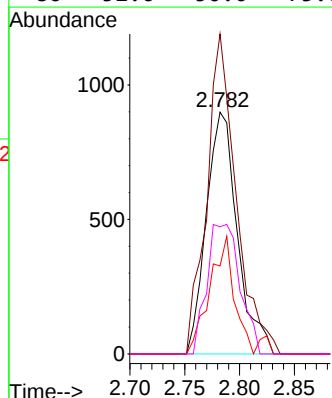
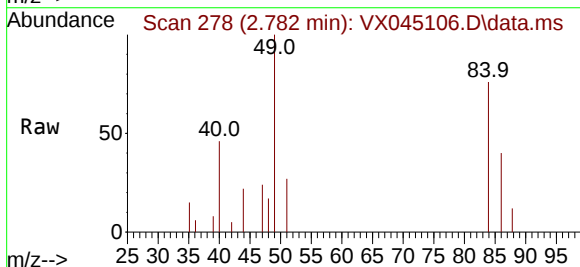
Ion Ratio Lower Upper

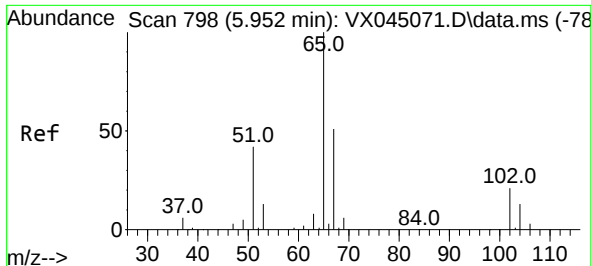
84 100

49 132.4 106.5 159.7

51 36.4 32.1 48.1

86 52.6 50.0 75.0





#33

1,2-Dichloroethane-d4

Concen: 51.736 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045106.D

Acq: 03 Mar 2025 11:53

Instrument :

MSVOA_X

ClientSampleId :

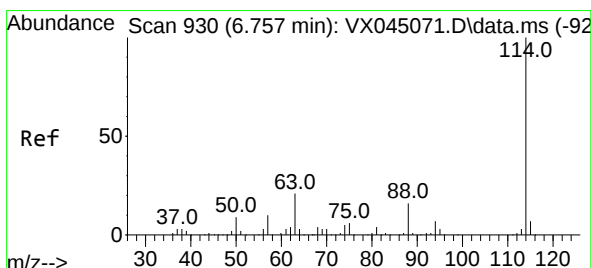
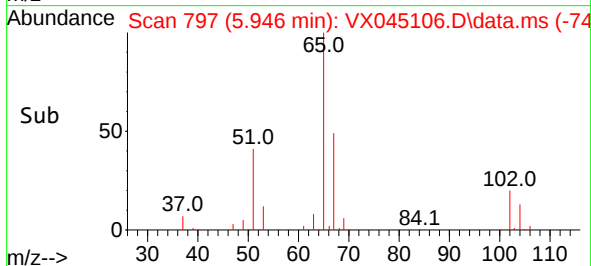
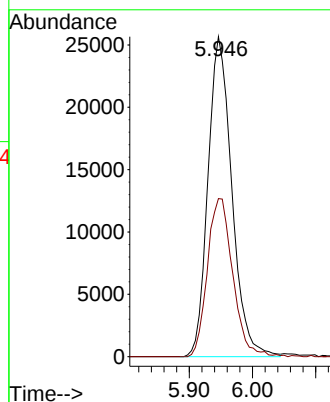
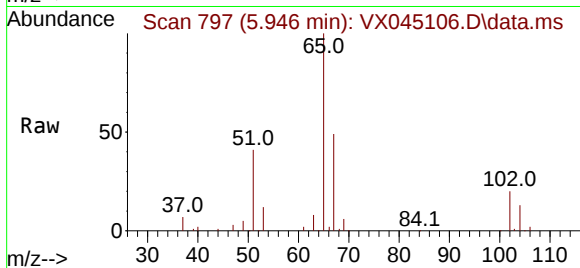
PB166928ZHE#01

Tgt Ion: 65 Resp: 67300

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX045106.D

Acq: 03 Mar 2025 11:53

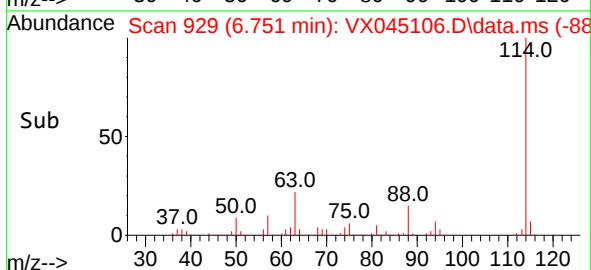
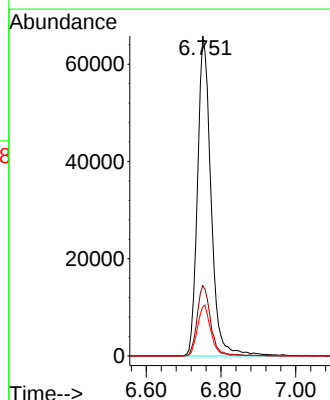
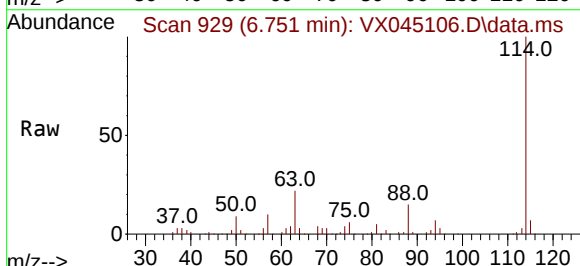
Tgt Ion: 114 Resp: 164951

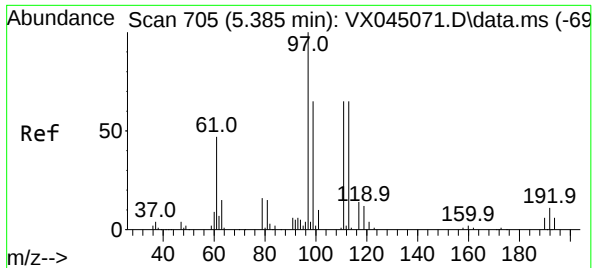
Ion Ratio Lower Upper

114 100

63 22.0 0.0 41.8

88 15.4 0.0 32.8

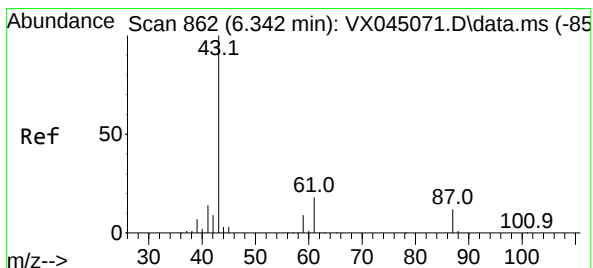
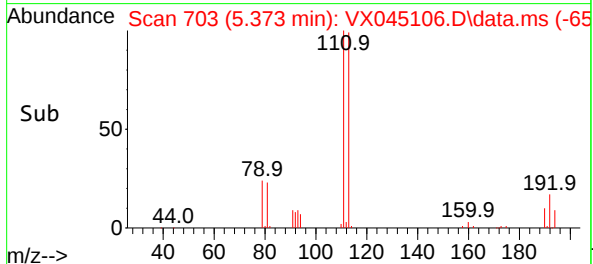
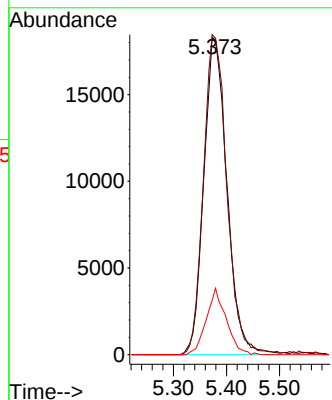
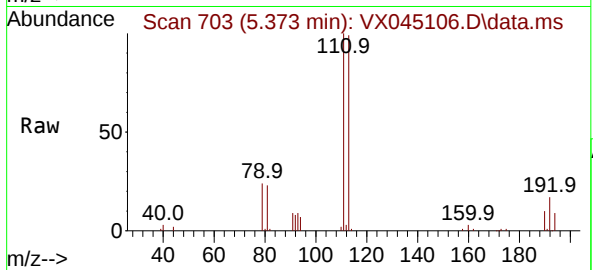




#35
 Dibromofluoromethane
 Concen: 50.341 ug/l
 RT: 5.373 min Scan# 705
 Delta R.T. -0.012 min
 Lab File: VX045106.D
 Acq: 03 Mar 2025 11:53

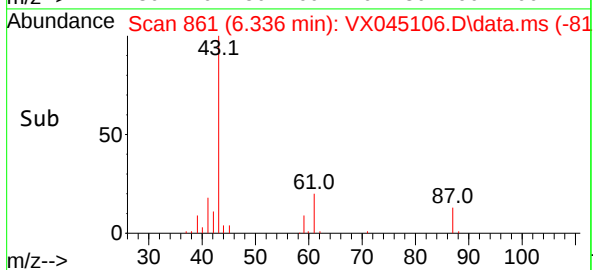
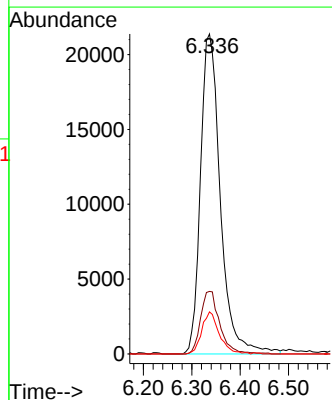
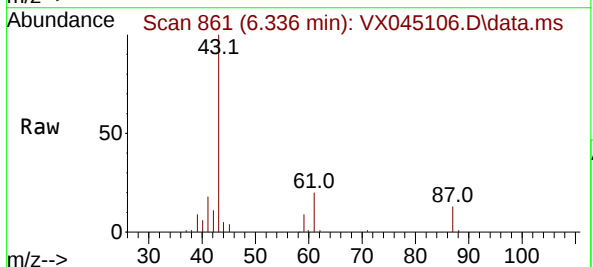
Instrument :
 MSVOA_X
 ClientSampleId :
 PB166928ZHE#01

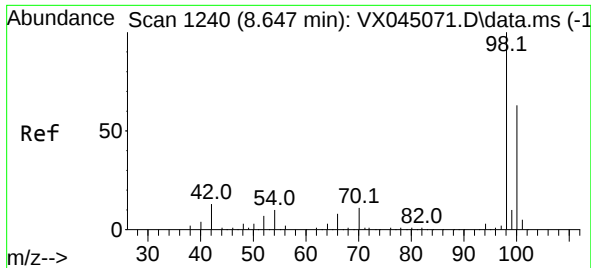
Tgt Ion:113 Resp: 55525
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.8 122.6
 192 18.0 14.3 21.5



#43
 Isopropyl Acetate
 Concen: 21.180 ug/l
 RT: 6.336 min Scan# 861
 Delta R.T. -0.006 min
 Lab File: VX045106.D
 Acq: 03 Mar 2025 11:53

Tgt Ion: 43 Resp: 61044
 Ion Ratio Lower Upper
 43 100
 61 18.7 14.9 22.3
 87 11.6 9.4 14.2

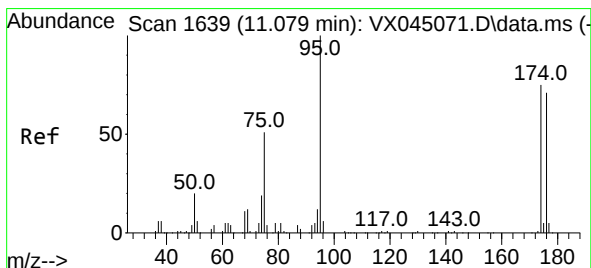
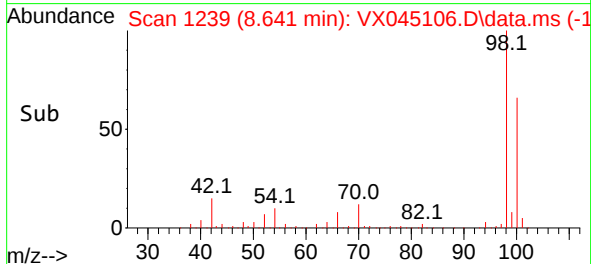
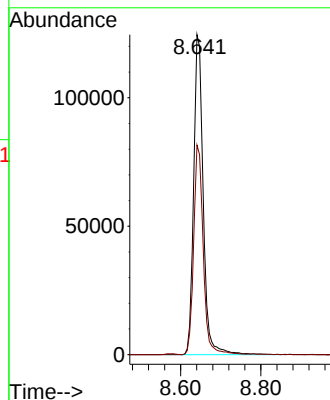
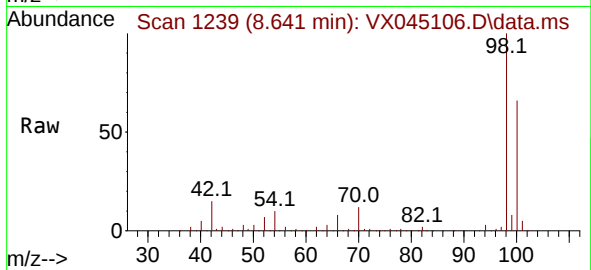




#50
Toluene-d8
Concen: 51.536 ug/l
RT: 8.641 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045106.D
Acq: 03 Mar 2025 11:53

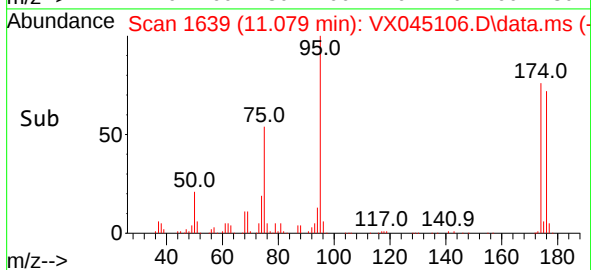
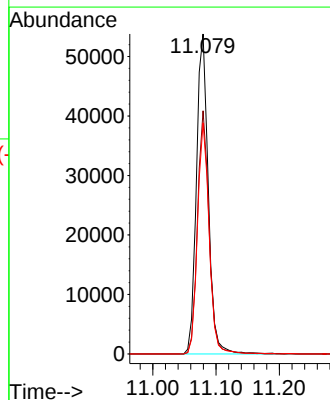
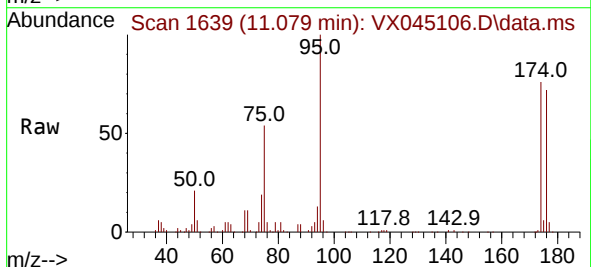
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PB166928ZHE#01

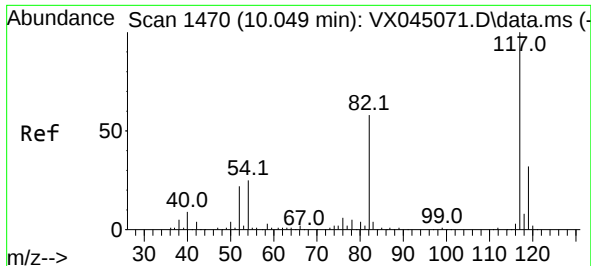
Tgt Ion: 98 Resp: 206076
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 53.144 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045106.D
Acq: 03 Mar 2025 11:53

Tgt Ion: 95 Resp: 70419
Ion Ratio Lower Upper
95 100
174 74.2 0.0 148.2
176 70.6 0.0 141.4

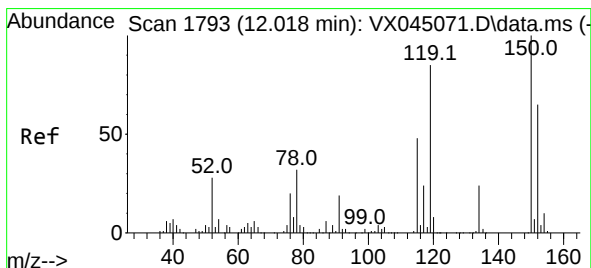
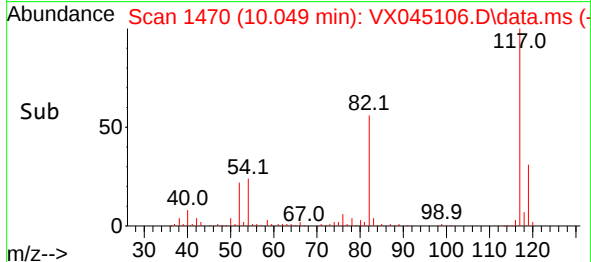
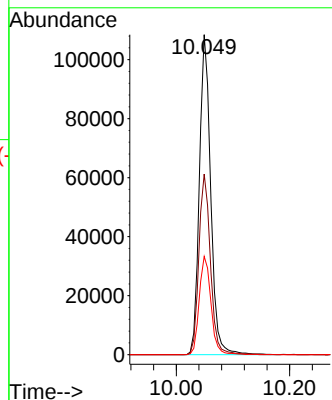
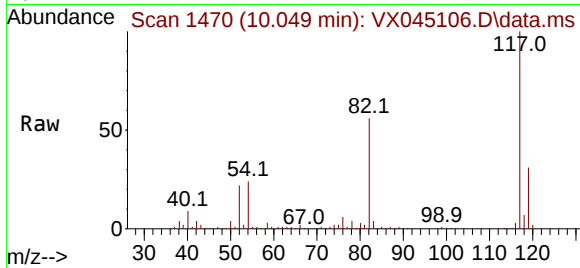




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045106.D
Acq: 03 Mar 2025 11:53

Instrument :
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PB166928ZHE#01

Tgt Ion:117 Resp: 150327
Ion Ratio Lower Upper
117 100
82 56.4 46.3 69.5
119 30.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045106.D
Acq: 03 Mar 2025 11:53

Tgt Ion:152 Resp: 64106
Ion Ratio Lower Upper
152 100
115 62.0 44.2 132.6
150 158.4 0.0 349.0

