

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
 Data File : VX045701.D
 Acq On : 10 Apr 2025 16:09
 Operator : JC/MD
 Sample : PB167534ZHE#07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167534ZHE#07

Quant Time: Apr 11 01:59:02 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)

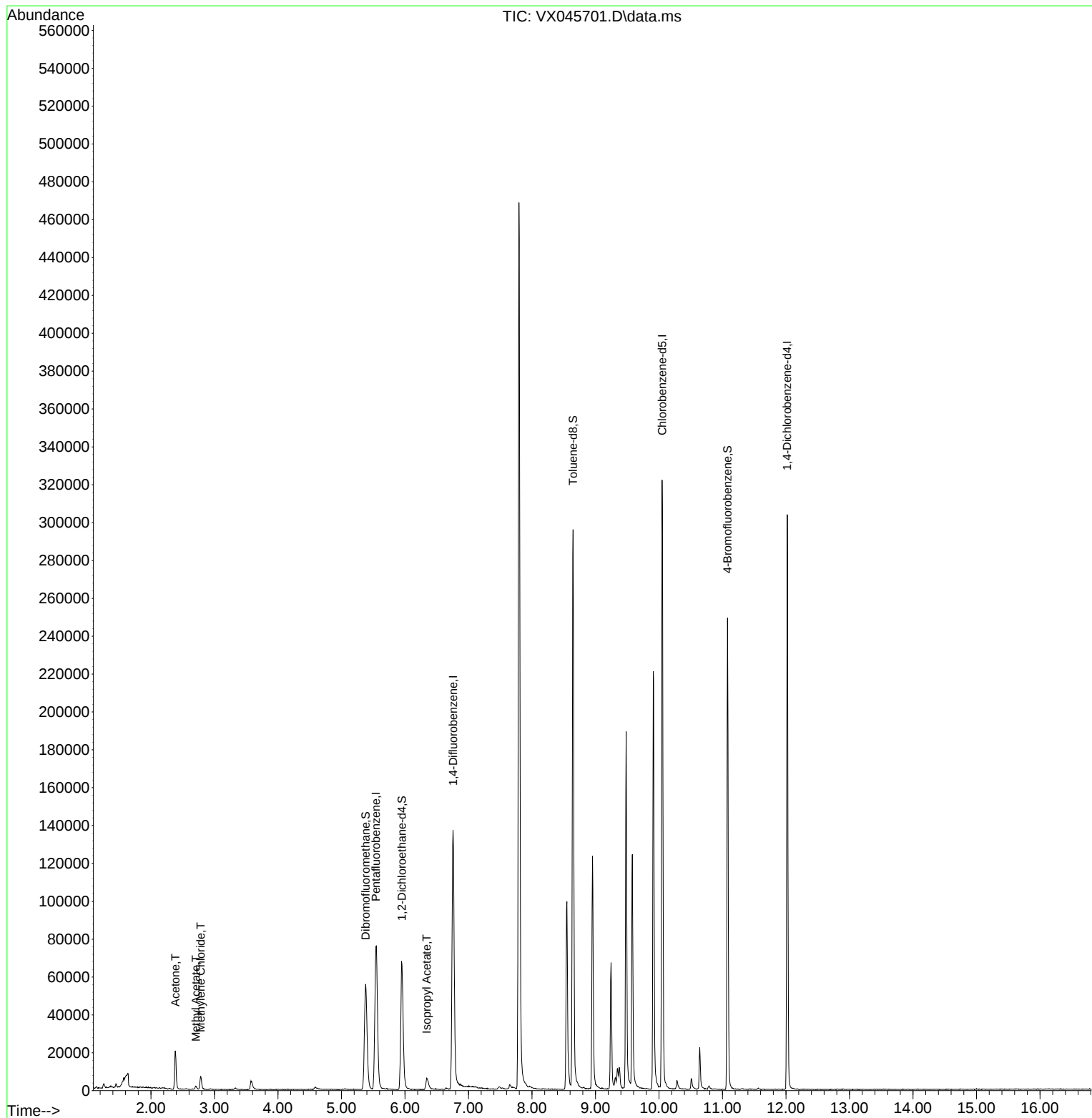
Internal Standards						
1) Pentafluorobenzene	5.544	168	66501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132525	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67678	55.650	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.300%
35) Dibromofluoromethane	5.379	113	48235	51.299	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.600%
50) Toluene-d8	8.647	98	171721	52.324	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.640%
62) 4-Bromofluorobenzene	11.079	95	66017	55.224	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	110.440%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	23388	46.834	ug/l	98
18) Methyl Acetate	2.709	43	2313	2.012	ug/l	100
20) Methylene Chloride	2.782	84	3203	3.426	ug/l	99
43) Isopropyl Acetate	6.342	43	9555	3.940	ug/l	98

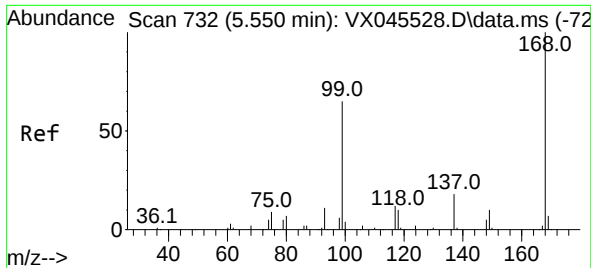
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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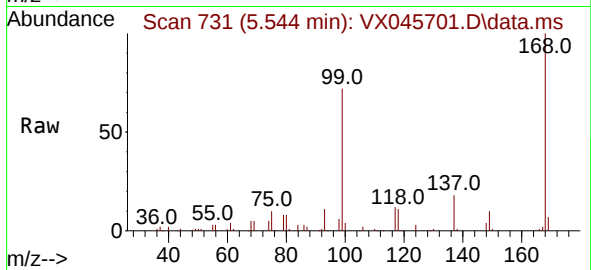
Quant Time: Apr 11 01:59:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
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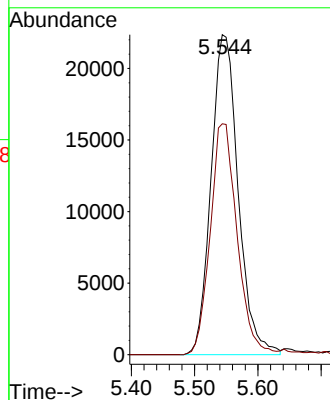
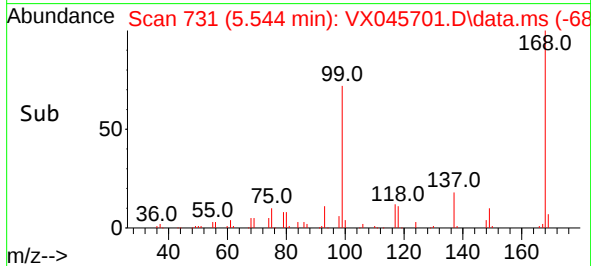


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045701.D
Acq: 10 Apr 2025 16:09

Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#07

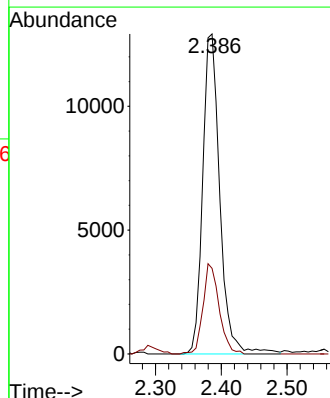
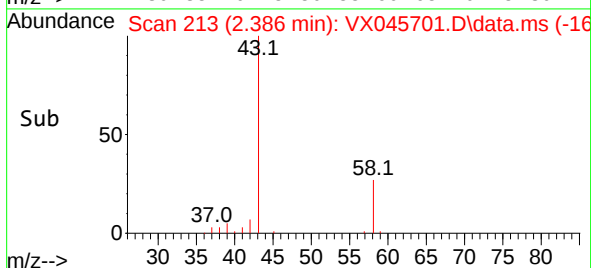
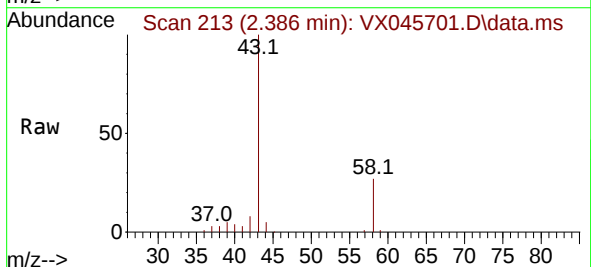


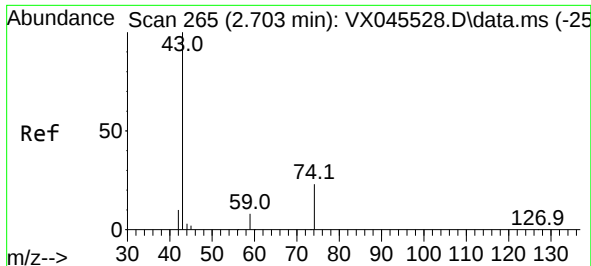
Tgt Ion:168 Resp: 66501
Ion Ratio Lower Upper
168 100
99 72.2 52.3 78.5



#16
Acetone
Concen: 46.834 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045701.D
Acq: 10 Apr 2025 16:09

Tgt Ion: 43 Resp: 23388
Ion Ratio Lower Upper
43 100
58 26.7 22.3 33.5

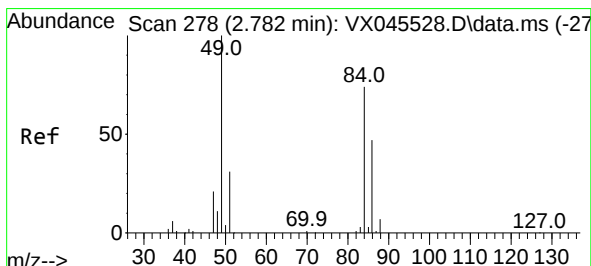
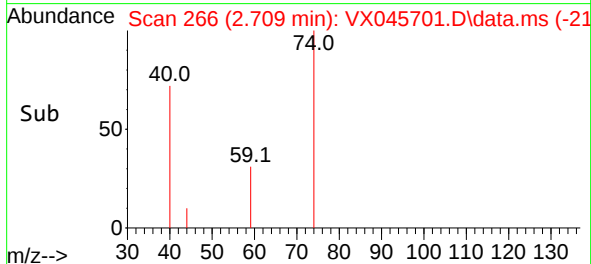
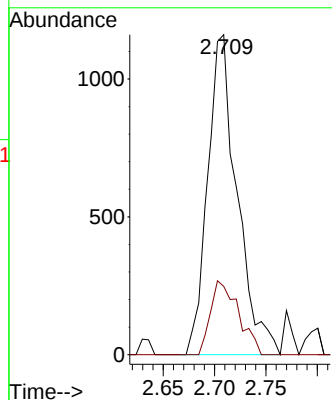
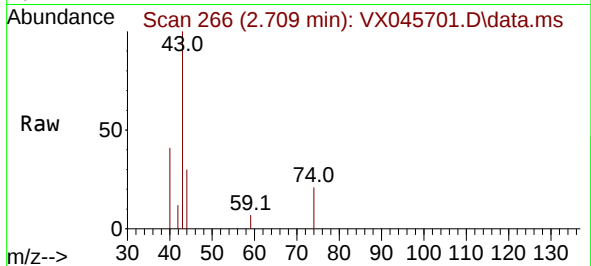




#18
Methyl Acetate
Concen: 2.012 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX045701.D
Acq: 10 Apr 2025 16:09

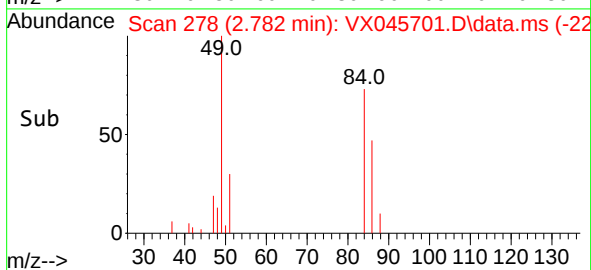
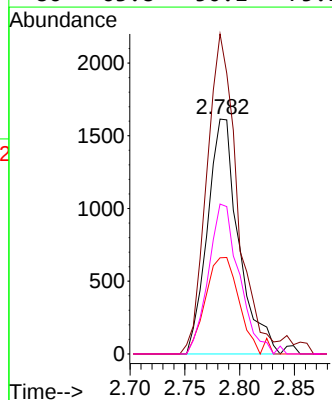
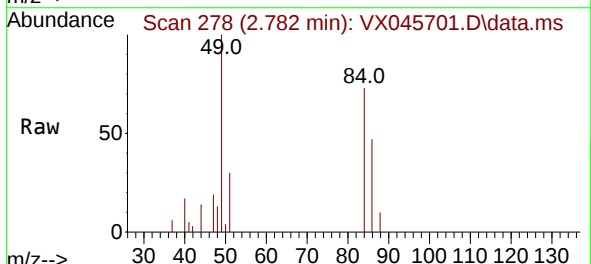
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#07

Tgt Ion: 43 Resp: 2313
Ion Ratio Lower Upper
43 100
74 22.0 17.5 26.3



#20
Methylene Chloride
Concen: 3.426 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045701.D
Acq: 10 Apr 2025 16:09

Tgt Ion: 84 Resp: 3203
Ion Ratio Lower Upper
84 100
49 136.2 107.5 161.3
51 40.9 33.0 49.6
86 63.8 50.1 75.1

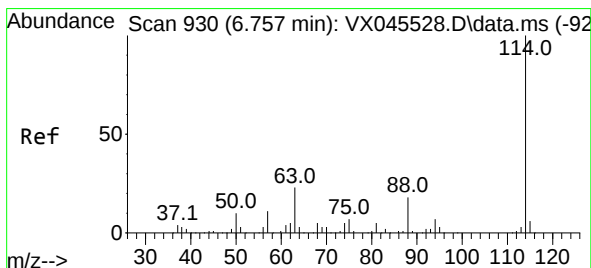
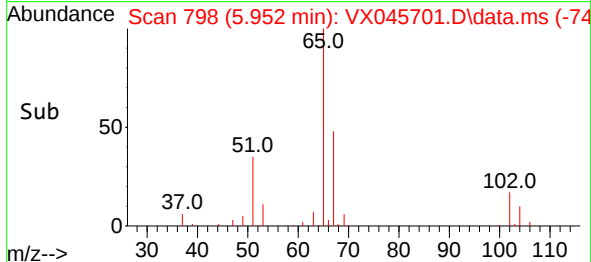
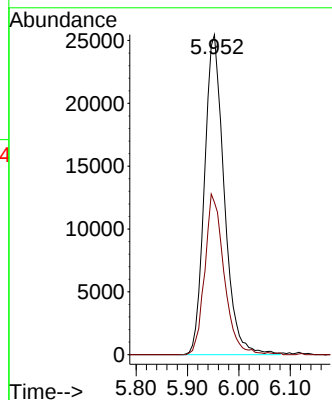
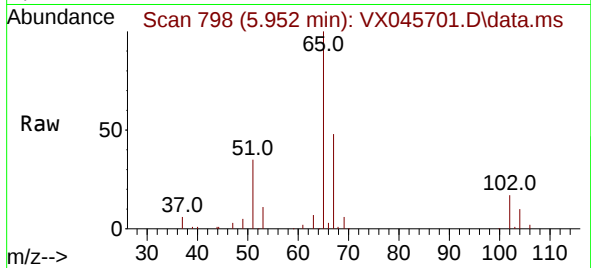




#33
 1,2-Dichloroethane-d4
 Concen: 55.650 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX045701.D
 Acq: 10 Apr 2025 16:09

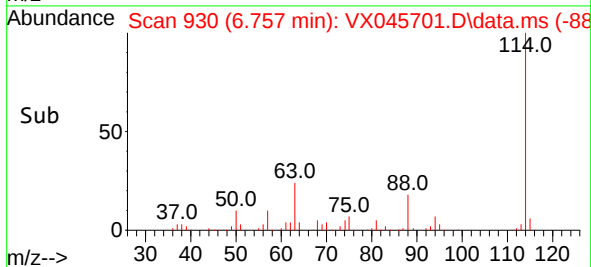
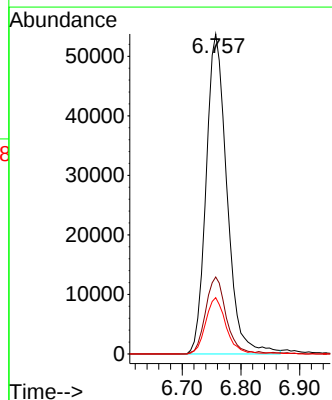
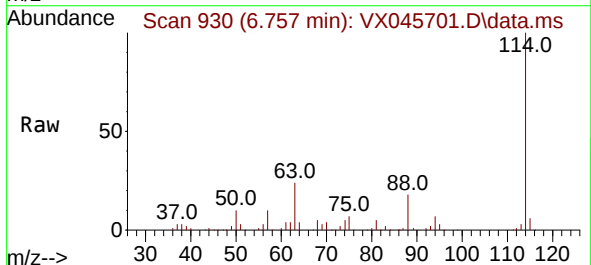
Instrument :
 MSVOA_X
 ClientSampleId :
 PB167534ZHE#07

Tgt Ion: 65 Resp: 67678
 Ion Ratio Lower Upper
 65 100
 67 49.3 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: VX045701.D
 Acq: 10 Apr 2025 16:09

Tgt Ion: 114 Resp: 132525
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 46.8
 88 17.6 0.0 35.4





#35

Dibromofluoromethane

Concen: 51.299 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX045701.D

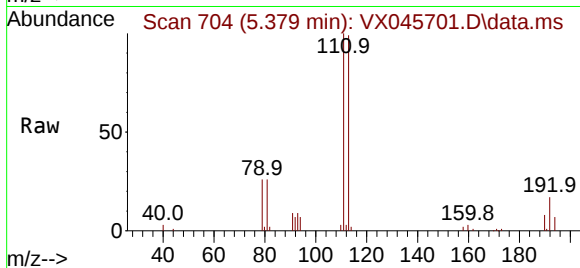
Acq: 10 Apr 2025 16:09

Instrument :

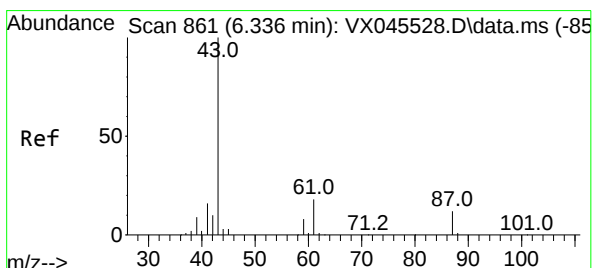
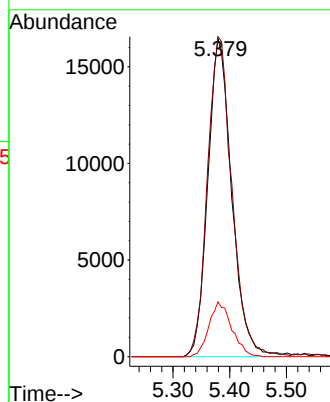
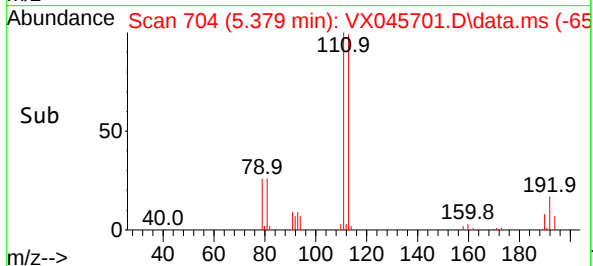
MSVOA_X

ClientSampleId :

PB167534ZHE#07



Tgt Ion:	113	Resp:	48235
Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.8	122.6
192	16.4	13.8	20.6



#43

Isopropyl Acetate

Concen: 3.940 ug/l

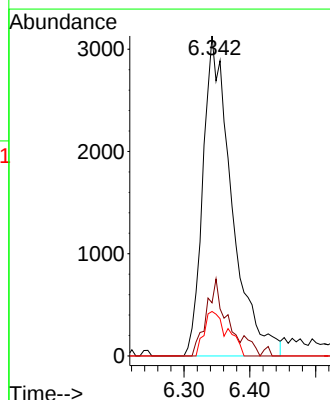
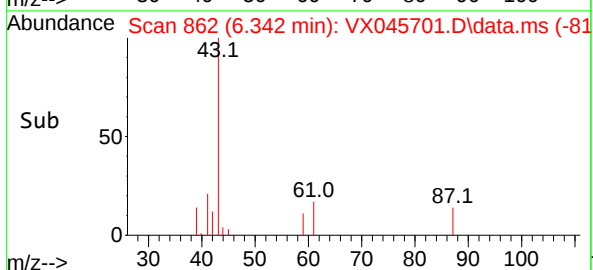
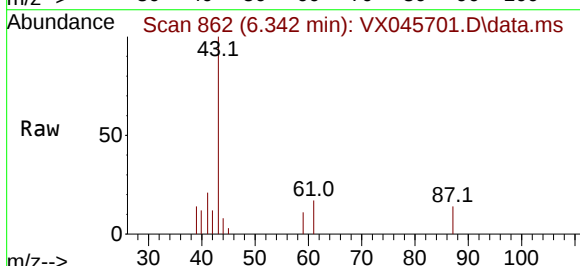
RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX045701.D

Acq: 10 Apr 2025 16:09

Tgt Ion:	43	Resp:	9555
Ion	Ratio	Lower	Upper
43	100		
61	16.3	14.1	21.1
87	11.3	9.2	13.8

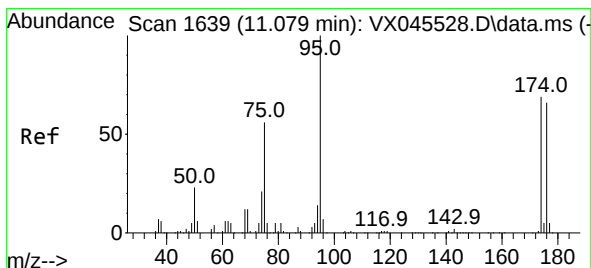
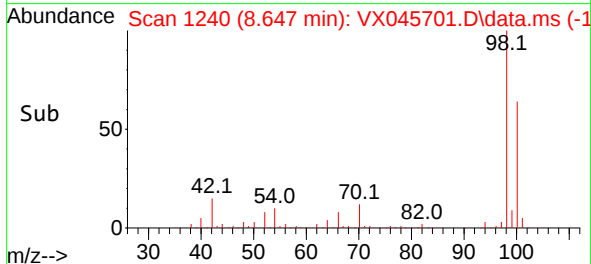
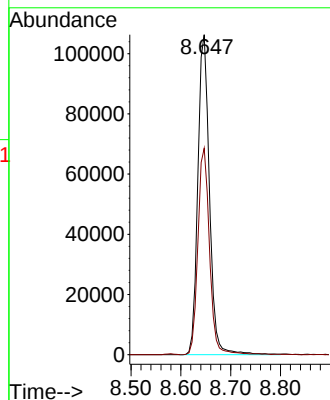
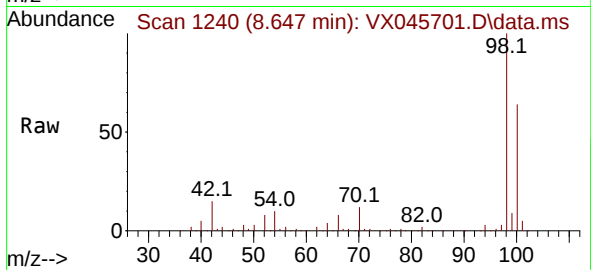




#50
Toluene-d8
Concen: 52.324 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045701.D
Acq: 10 Apr 2025 16:09

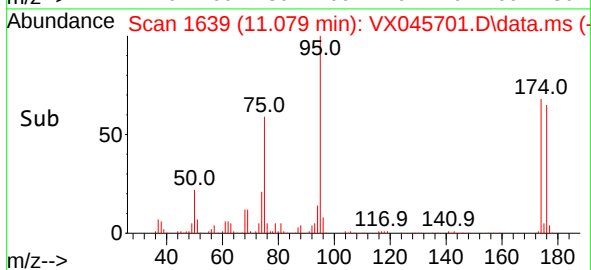
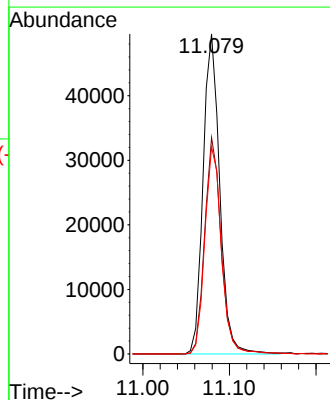
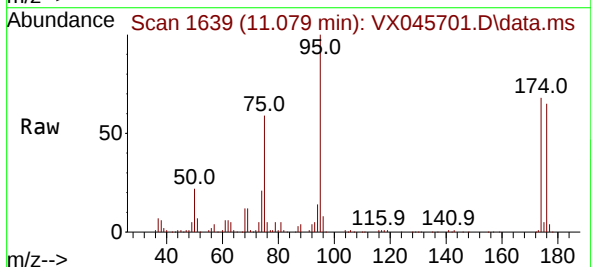
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#07

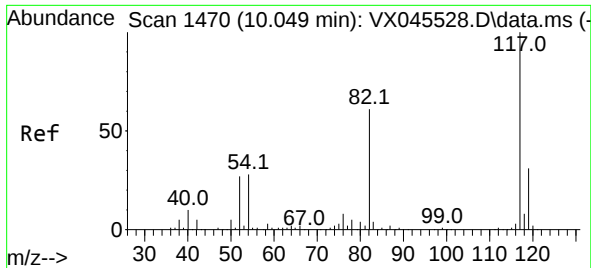
Tgt Ion: 98 Resp: 171721
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 55.224 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045701.D
Acq: 10 Apr 2025 16:09

Tgt Ion: 95 Resp: 66017
Ion Ratio Lower Upper
95 100
174 67.1 0.0 135.8
176 64.7 0.0 131.4

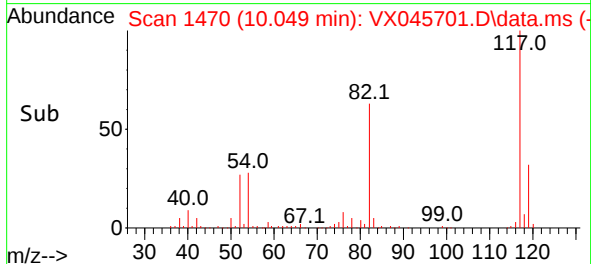
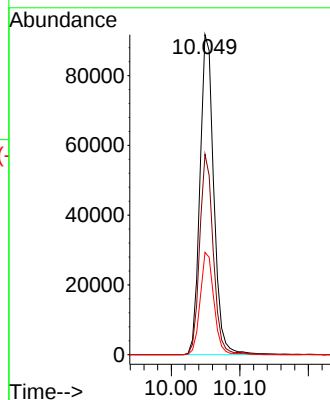
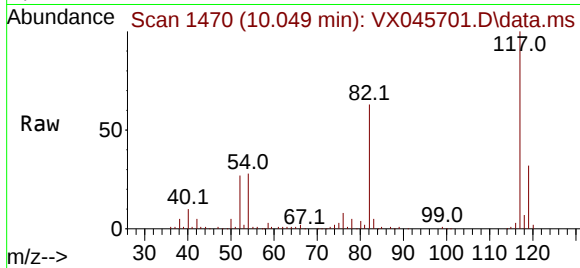




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045701.D
Acq: 10 Apr 2025 16:09

Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#07

Tgt Ion:117 Resp: 129453
Ion Ratio Lower Upper
117 100
82 62.6 49.2 73.8
119 31.9 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: VX045701.D
Acq: 10 Apr 2025 16:09

Tgt Ion:152 Resp: 55187
Ion Ratio Lower Upper
152 100
115 64.6 46.9 140.7
150 155.5 0.0 349.4

