

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
 Data File : VX045700.D
 Acq On : 10 Apr 2025 15:46
 Operator : JC/MD
 Sample : PB167534ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167534ZHE#06

Quant Time: Apr 11 01:58:37 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)

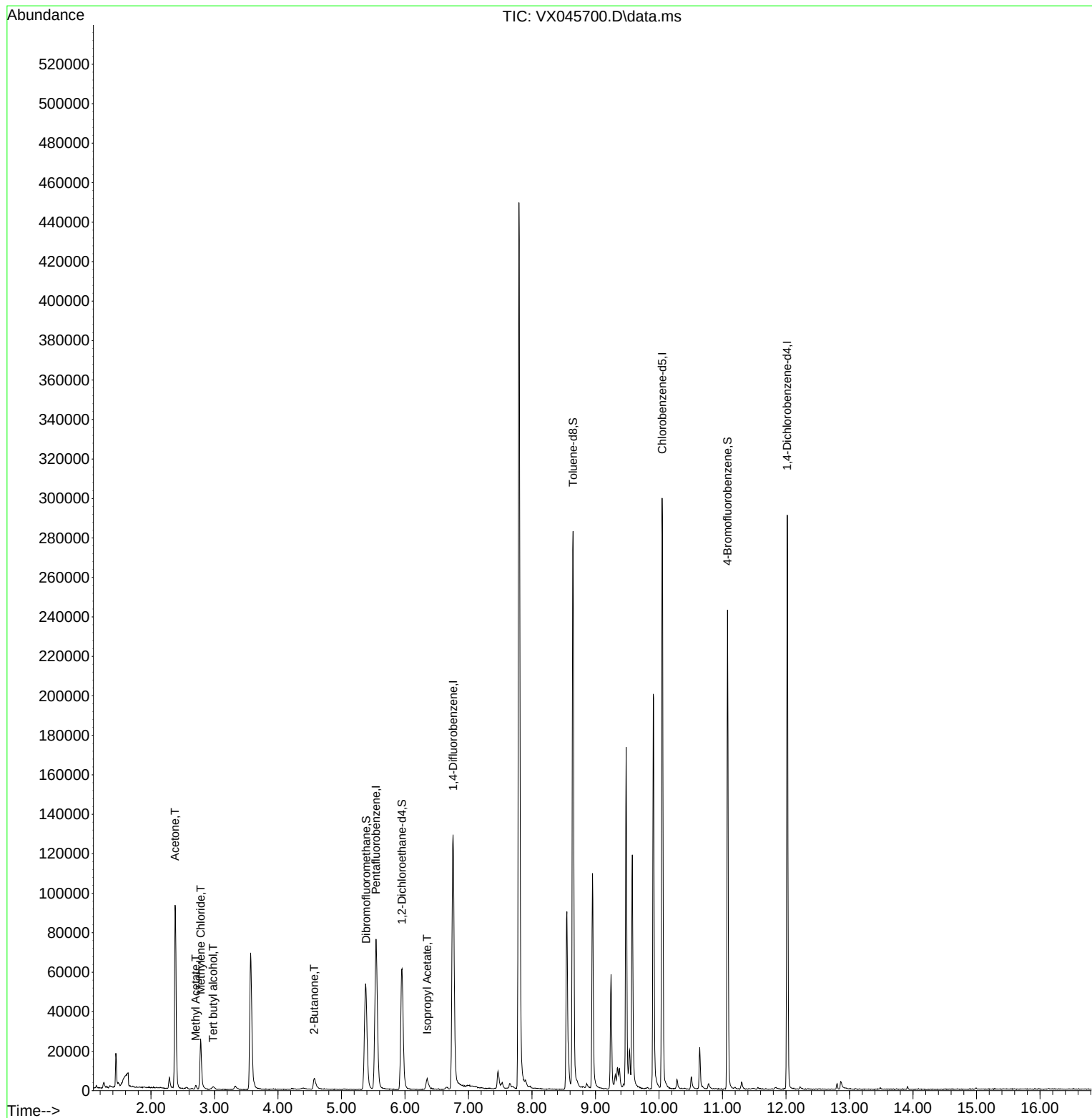
Internal Standards						
1) Pentafluorobenzene	5.544	168	64406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127502	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64930	55.127	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.260%	
35) Dibromofluoromethane	5.385	113	46356	51.243	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.480%	
50) Toluene-d8	8.647	98	161540	51.161	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.320%	
62) 4-Bromofluorobenzene	11.079	95	62450	54.299	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 108.600%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.977	59	1897	11.984	ug/l	# 77
16) Acetone	2.380	43	104598	216.270	ug/l	100
18) Methyl Acetate	2.703	43	2248	2.019	ug/l	95
20) Methylene Chloride	2.782	84	10841	11.973	ug/l	96
25) 2-Butanone	4.568	43	11215	15.841	ug/l	96
43) Isopropyl Acetate	6.349	43	7801	3.344	ug/l	97

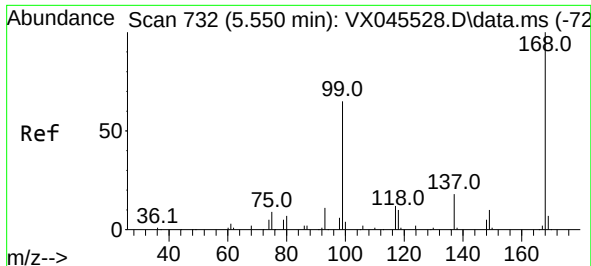
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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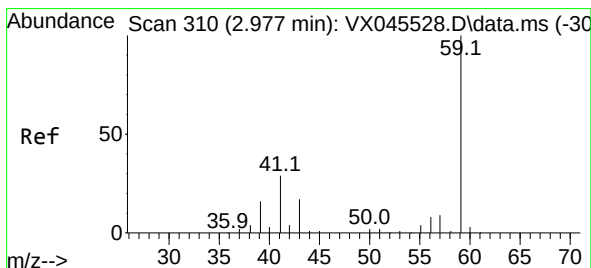
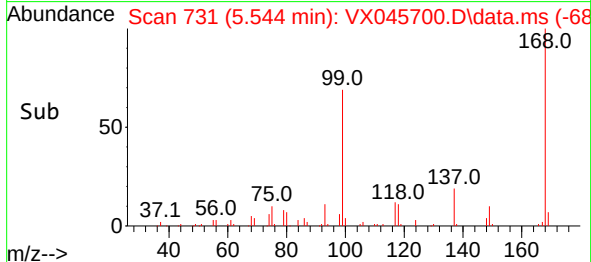
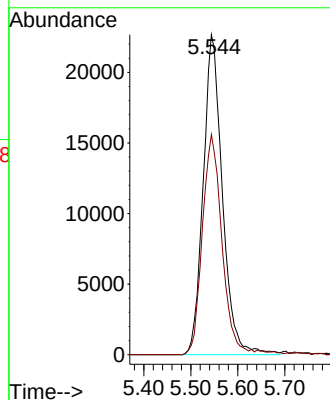
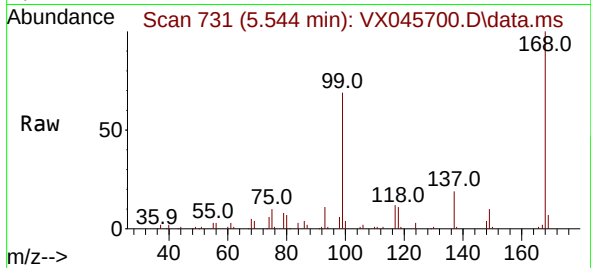




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045700.D
Acq: 10 Apr 2025 15:46

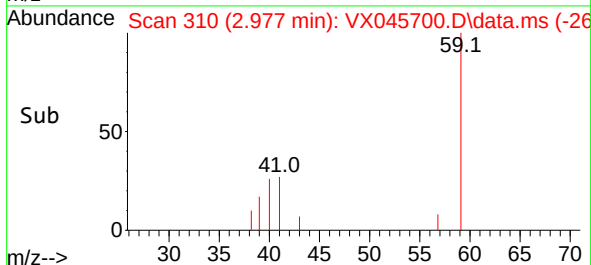
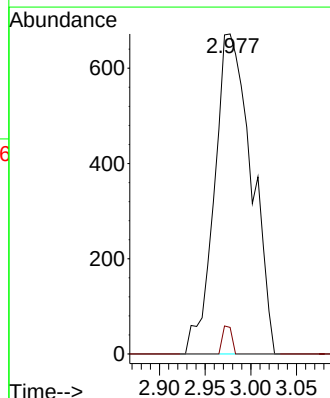
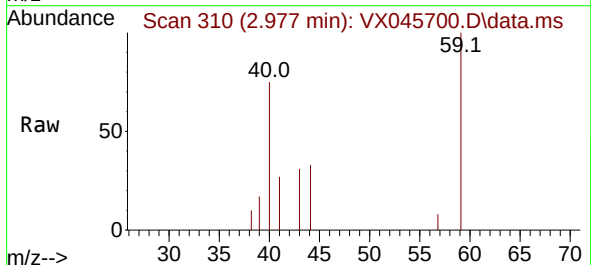
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#06

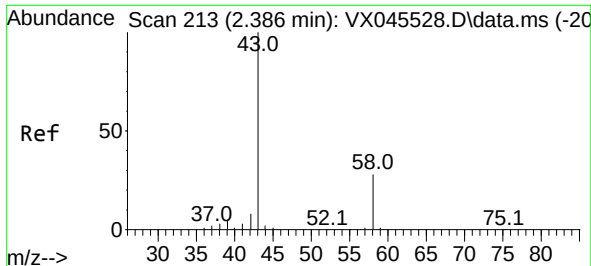
Tgt Ion:168 Resp: 64406
Ion Ratio Lower Upper
168 100
99 68.8 52.3 78.5



#11
Tert butyl alcohol
Concen: 11.984 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX045700.D
Acq: 10 Apr 2025 15:46

Tgt Ion: 59 Resp: 1897
Ion Ratio Lower Upper
59 100
57 2.2 8.6 12.8#

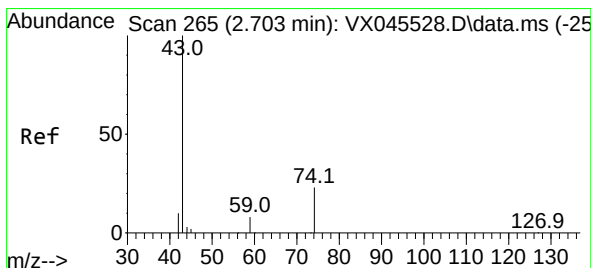
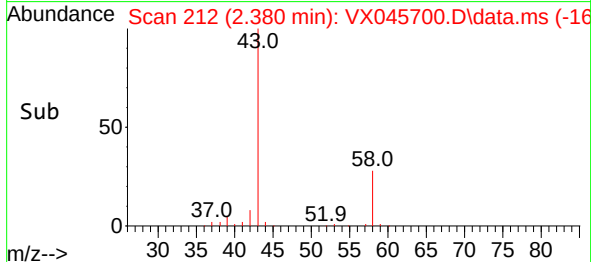
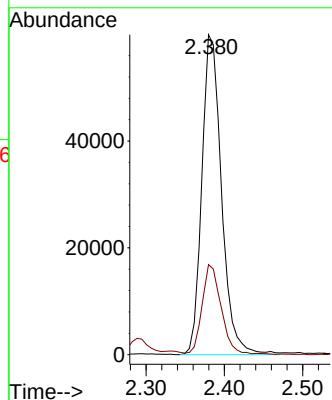
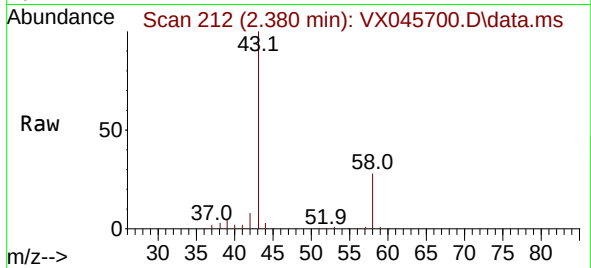




#16
Acetone
Concen: 216.270 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045700.D
Acq: 10 Apr 2025 15:46

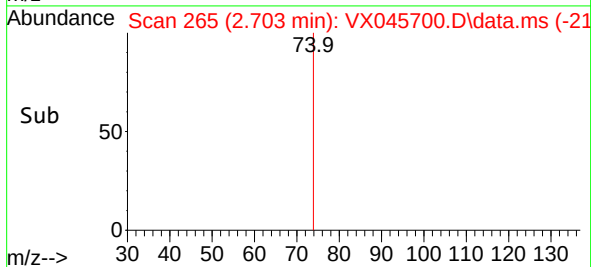
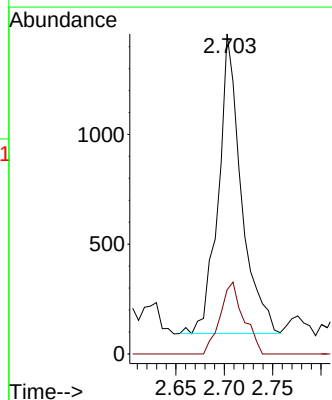
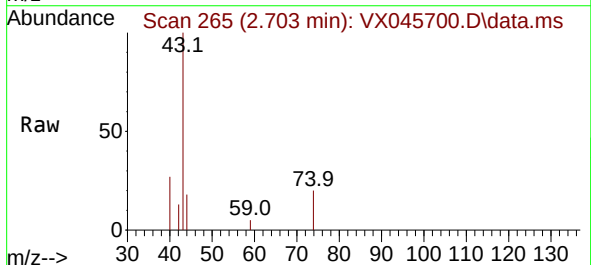
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#06

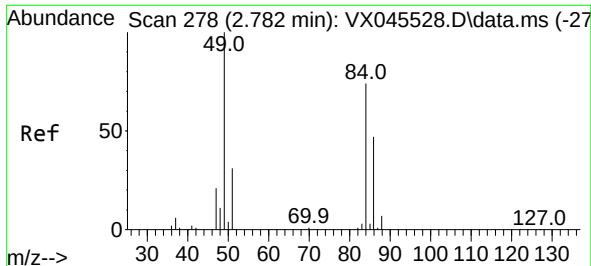
Tgt Ion: 43 Resp: 104598
Ion Ratio Lower Upper
43 100
58 27.9 22.3 33.5



#18
Methyl Acetate
Concen: 2.019 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045700.D
Acq: 10 Apr 2025 15:46

Tgt Ion: 43 Resp: 2248
Ion Ratio Lower Upper
43 100
74 24.5 17.5 26.3

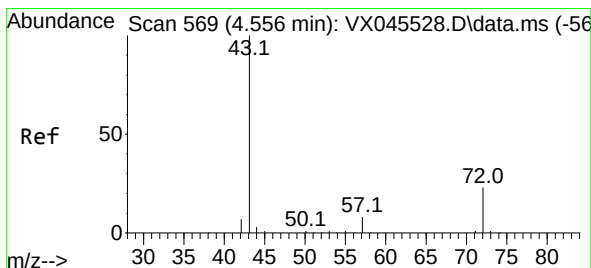
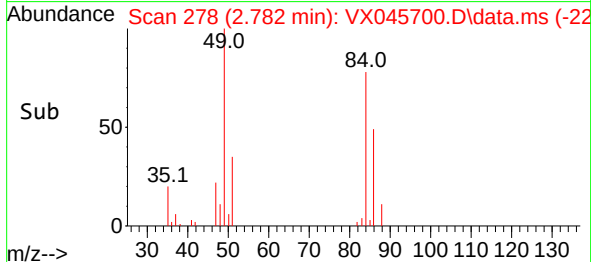
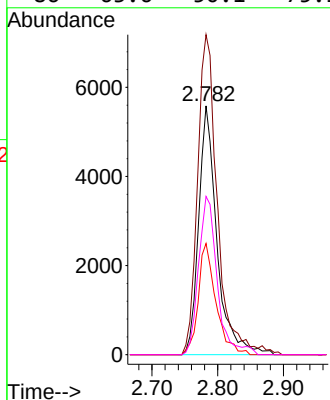
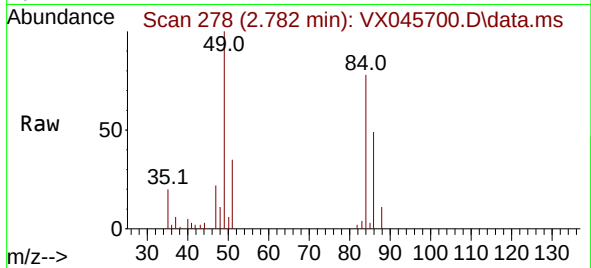




#20
Methylene Chloride
Concen: 11.973 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045700.D
Acq: 10 Apr 2025 15:46

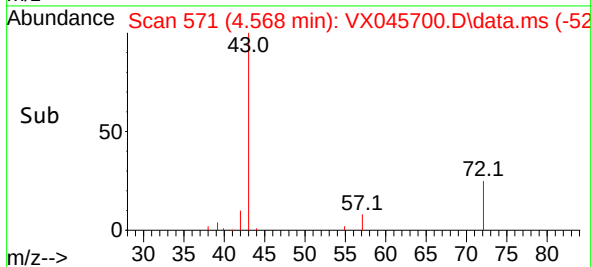
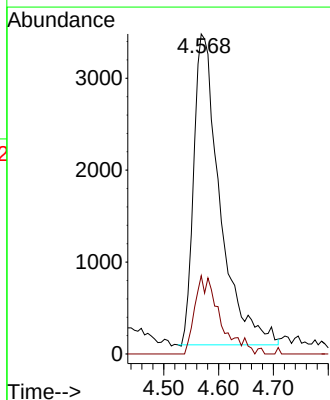
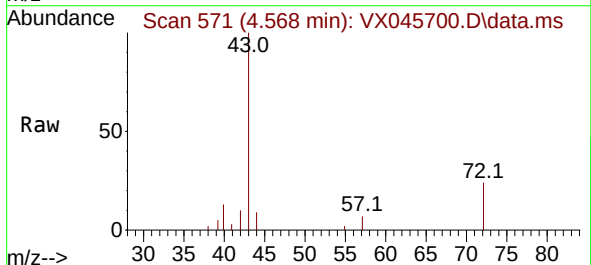
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#06

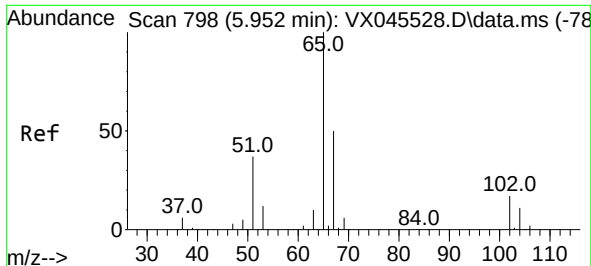
Tgt Ion: 84	Resp: 10841
Ion Ratio	Lower Upper
84 100	
49 128.6	107.5 161.3
51 44.7	33.0 49.6
86 63.6	50.1 75.1



#25
2-Butanone
Concen: 15.841 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX045700.D
Acq: 10 Apr 2025 15:46

Tgt Ion: 43	Resp: 11215
Ion Ratio	Lower Upper
43 100	
72 25.2	18.6 28.0

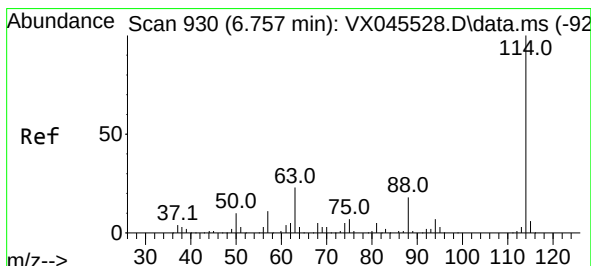
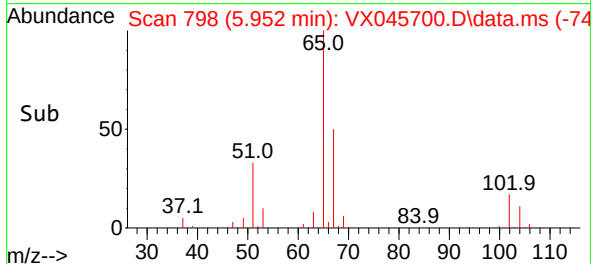
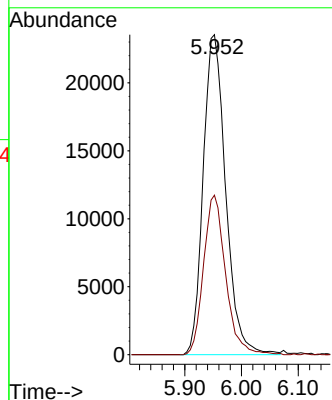
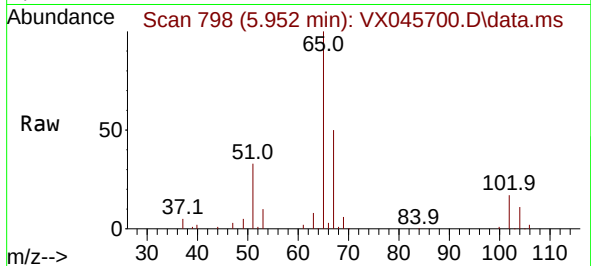




#33
 1,2-Dichloroethane-d4
 Concen: 55.127 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX045700.D
 Acq: 10 Apr 2025 15:46

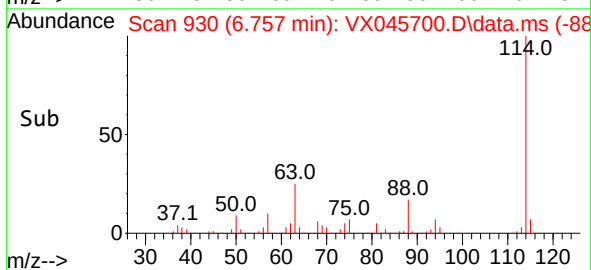
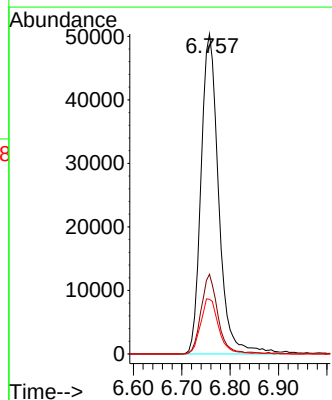
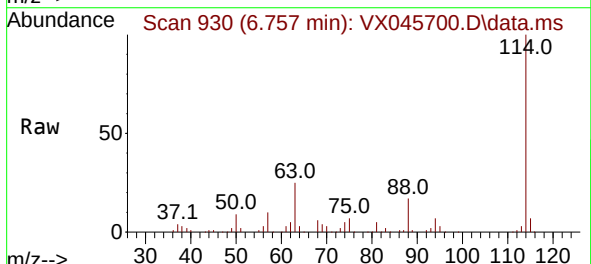
Instrument :
 MSVOA_X
 ClientSampleId :
 PB167534ZHE#06

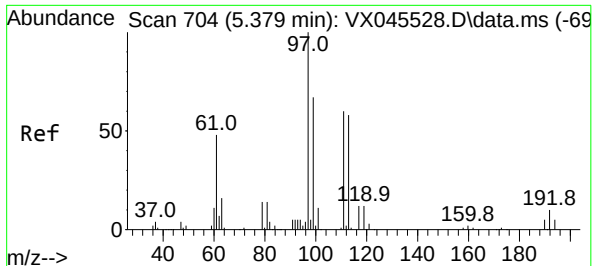
Tgt Ion: 65 Resp: 64930
 Ion Ratio Lower Upper
 65 100
 67 48.8 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX045700.D
 Acq: 10 Apr 2025 15:46

Tgt Ion: 114 Resp: 127502
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 46.8
 88 17.1 0.0 35.4





#35

Dibromofluoromethane

Concen: 51.243 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX045700.D

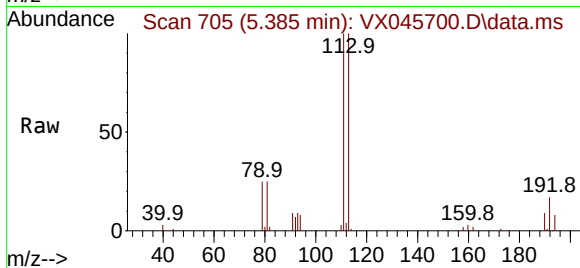
Acq: 10 Apr 2025 15:46

Instrument :

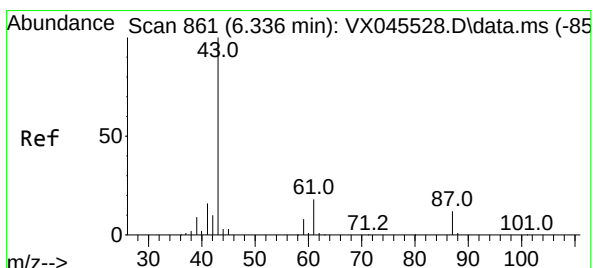
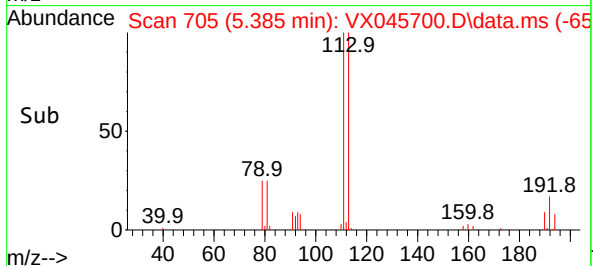
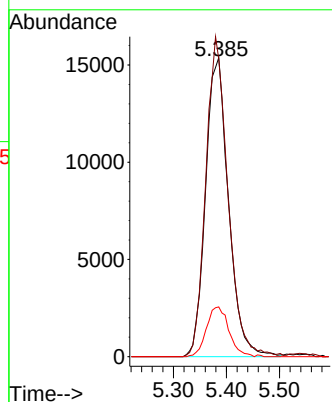
MSVOA_X

ClientSampleId :

PB167534ZHE#06



Tgt Ion:	113	Resp:	46356
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.8	122.6
192	16.2	13.8	20.6



#43

Isopropyl Acetate

Concen: 3.344 ug/l

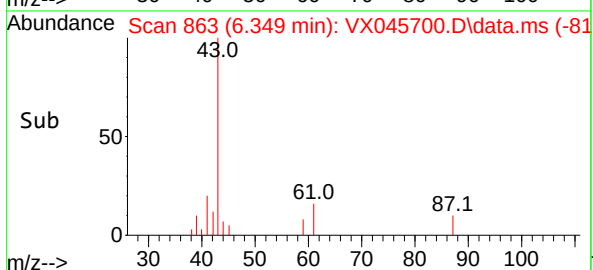
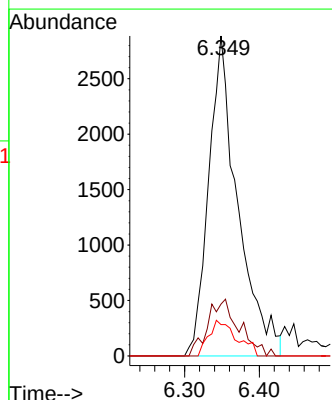
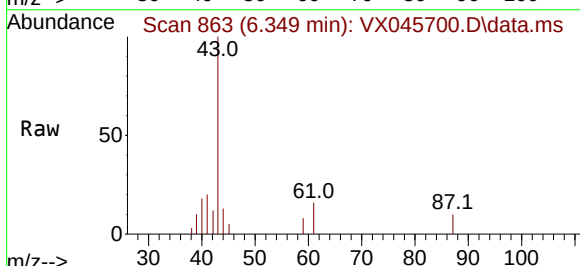
RT: 6.349 min Scan# 863

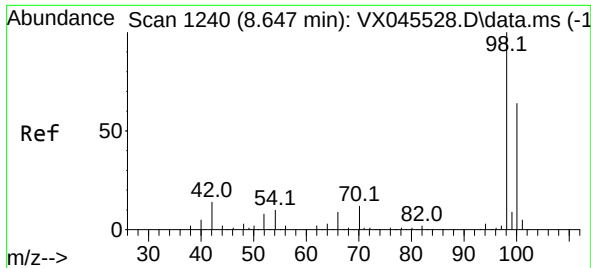
Delta R.T. 0.012 min

Lab File: VX045700.D

Acq: 10 Apr 2025 15:46

Tgt Ion:	43	Resp:	7801
Ion	Ratio	Lower	Upper
43	100		
61	19.3	14.1	21.1
87	10.6	9.2	13.8

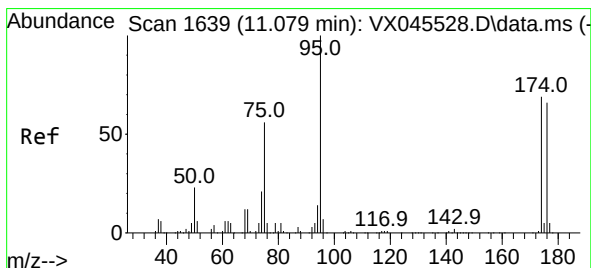
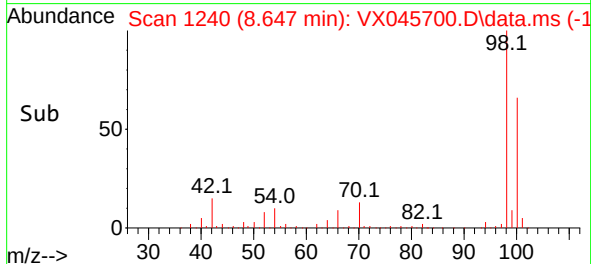
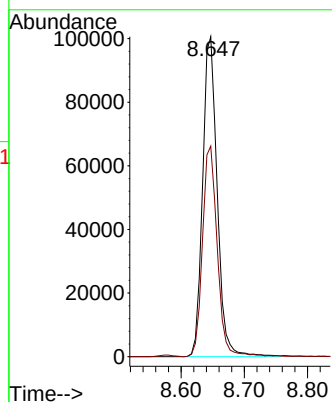
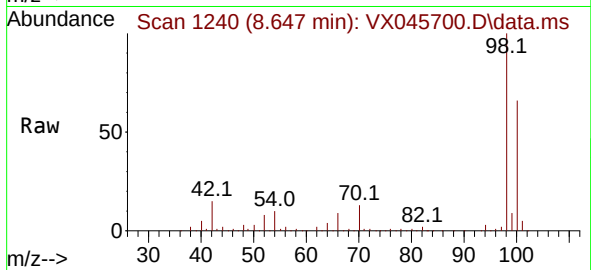




#50
Toluene-d8
Concen: 51.161 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045700.D
Acq: 10 Apr 2025 15:46

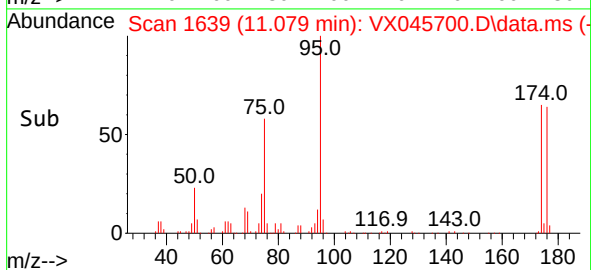
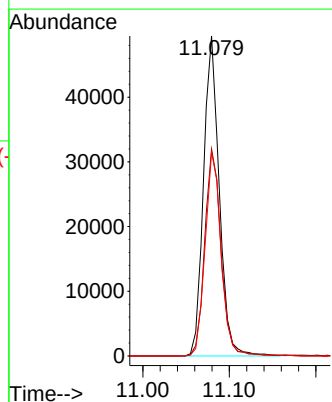
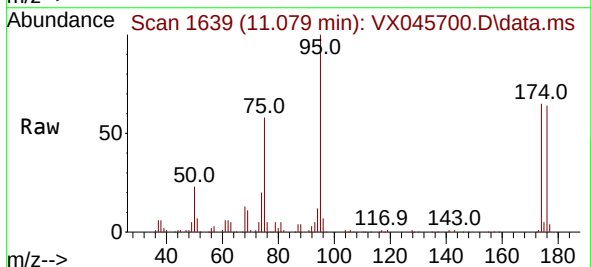
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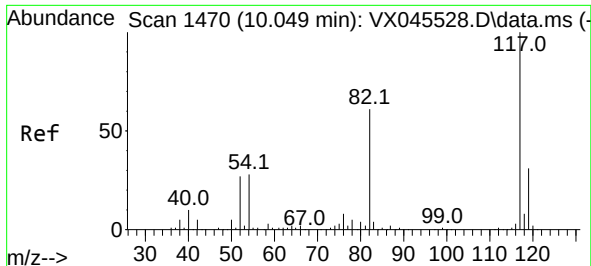
Tgt Ion: 98 Resp: 161540
Ion Ratio Lower Upper
98 100
100 66.8 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 54.299 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045700.D
Acq: 10 Apr 2025 15:46

Tgt Ion: 95 Resp: 62450
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.8
176 64.6 0.0 131.4

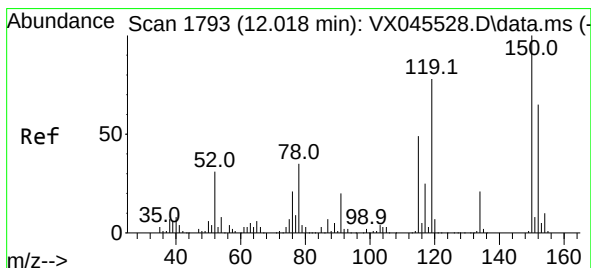
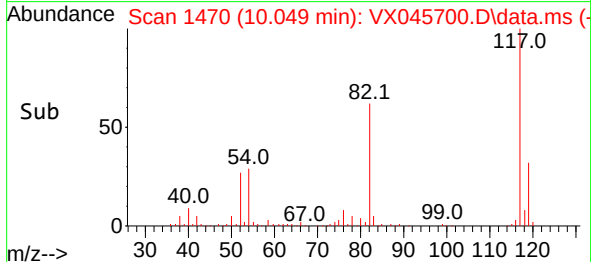
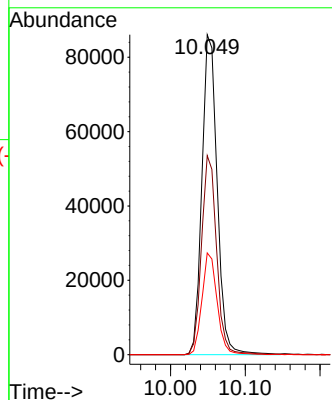
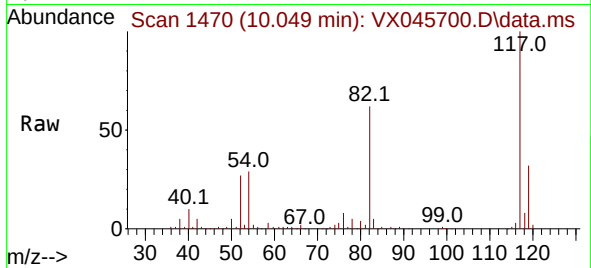




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045700.D
Acq: 10 Apr 2025 15:46

Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#06

Tgt Ion:117 Resp: 122158
Ion Ratio Lower Upper
117 100
82 62.2 49.2 73.8
119 31.8 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: VX045700.D
Acq: 10 Apr 2025 15:46

Tgt Ion:152 Resp: 53290
Ion Ratio Lower Upper
152 100
115 66.2 46.9 140.7
150 154.6 0.0 349.4

