

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
 Data File : VX045696.D
 Acq On : 10 Apr 2025 14:13
 Operator : JC/MD
 Sample : PB167534ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167534ZHE#02

Quant Time: Apr 11 01:56:42 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)

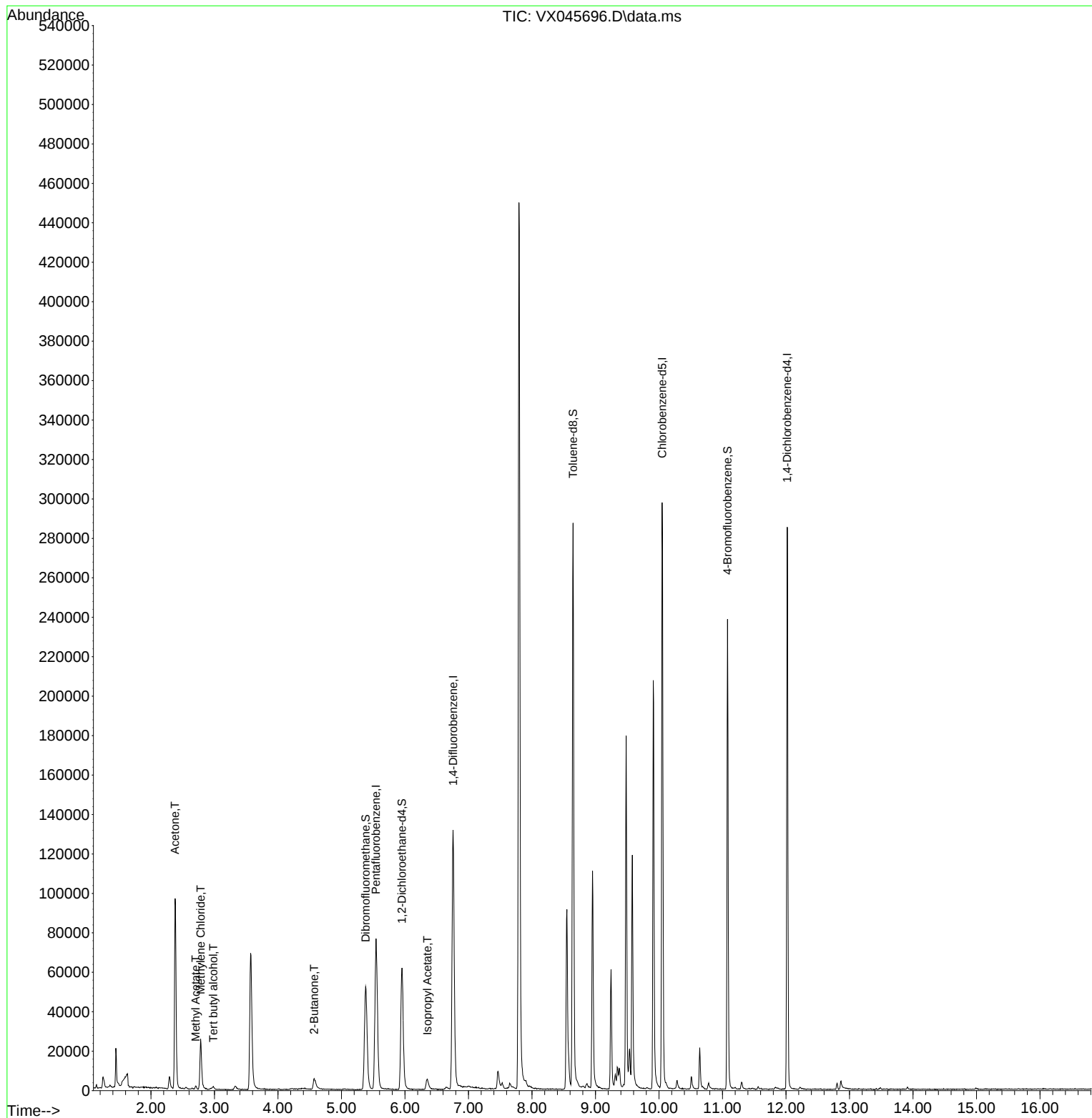
Internal Standards						
1) Pentafluorobenzene	5.544	168	62257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125231	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63767	56.009	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 112.020%		
35) Dibromofluoromethane	5.379	113	44972	50.615	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.220%		
50) Toluene-d8	8.647	98	160621	51.792	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 103.580%		
62) 4-Bromofluorobenzene	11.079	95	62329	55.176	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 110.360%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.983	59	1677	10.960	ug/l	97
16) Acetone	2.380	43	107125	229.141	ug/l	98
18) Methyl Acetate	2.703	43	2071	1.924	ug/l #	90
20) Methylene Chloride	2.782	84	11200	12.797	ug/l	93
25) 2-Butanone	4.568	43	10830	15.826	ug/l	94
43) Isopropyl Acetate	6.355	43	8324	3.633	ug/l	94

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

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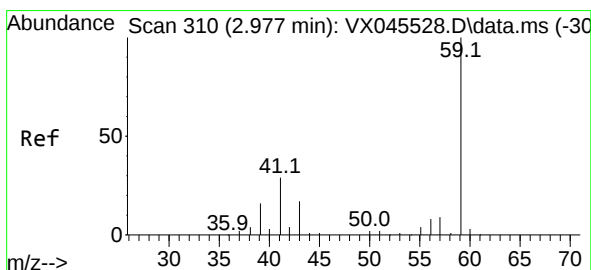
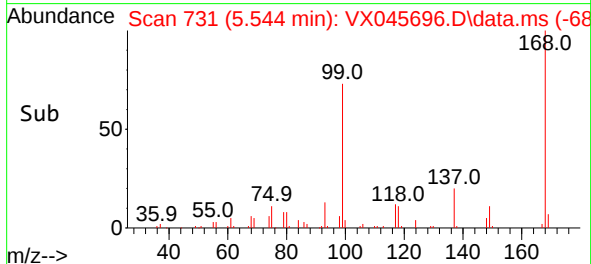
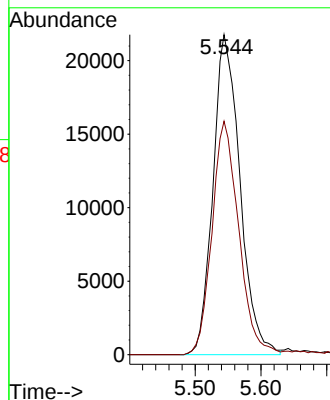
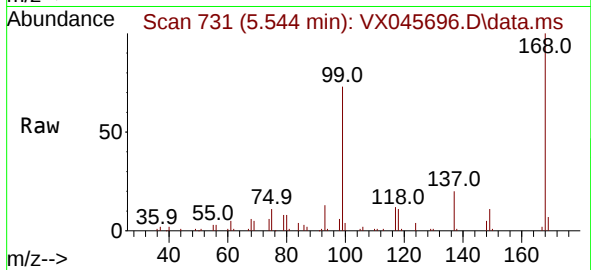




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045696.D
Acq: 10 Apr 2025 14:13

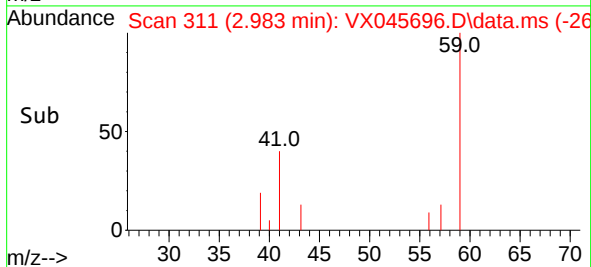
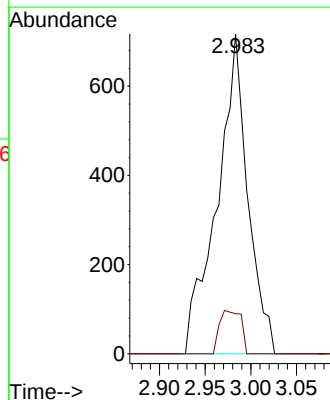
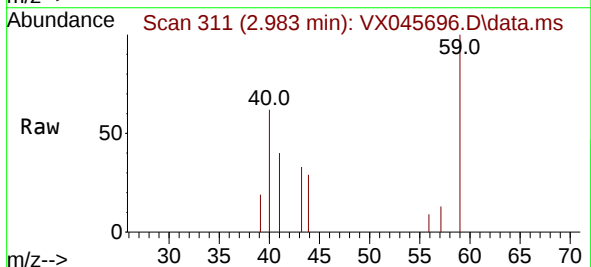
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#02

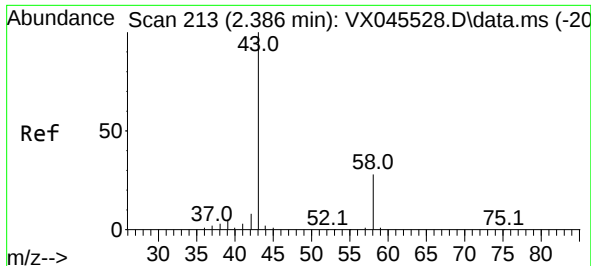
Tgt Ion:168 Resp: 62257
Ion Ratio Lower Upper
168 100
99 73.0 52.3 78.5



#11
Tert butyl alcohol
Concen: 10.960 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045696.D
Acq: 10 Apr 2025 14:13

Tgt Ion: 59 Resp: 1677
Ion Ratio Lower Upper
59 100
57 9.5 8.6 12.8

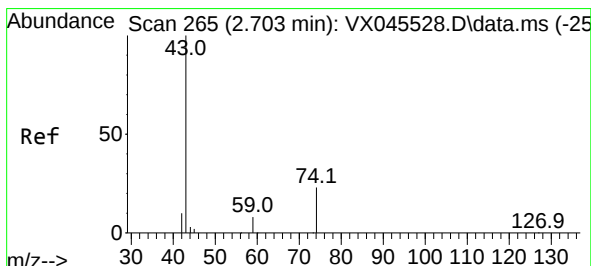
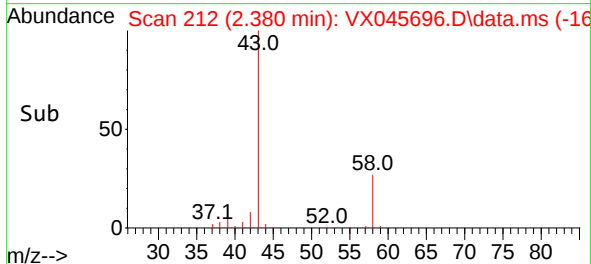
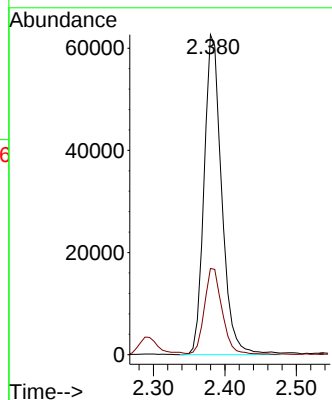
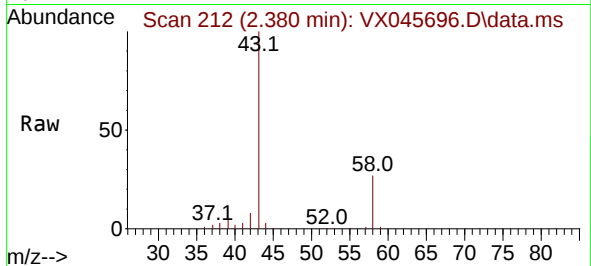




#16
Acetone
Concen: 229.141 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045696.D
Acq: 10 Apr 2025 14:13

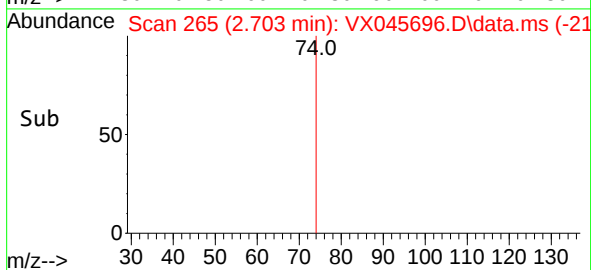
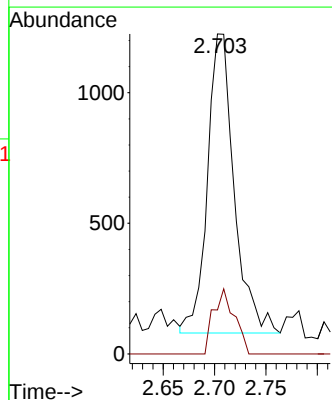
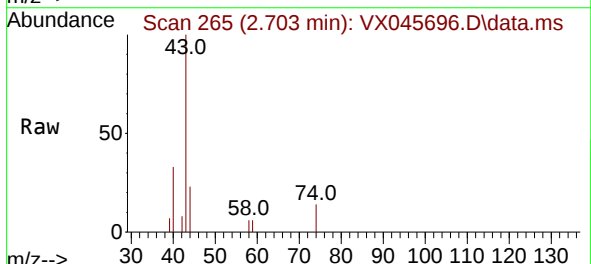
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#02

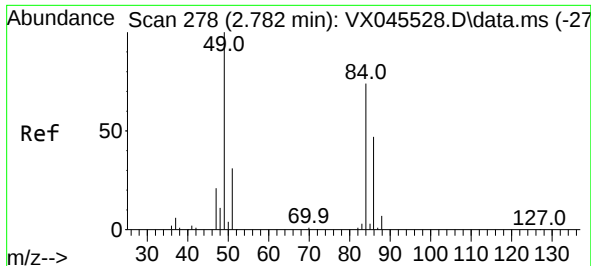
Tgt Ion: 43 Resp: 107125
Ion Ratio Lower Upper
43 100
58 26.7 22.3 33.5



#18
Methyl Acetate
Concen: 1.924 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045696.D
Acq: 10 Apr 2025 14:13

Tgt Ion: 43 Resp: 2071
Ion Ratio Lower Upper
43 100
74 17.0 17.5 26.3#

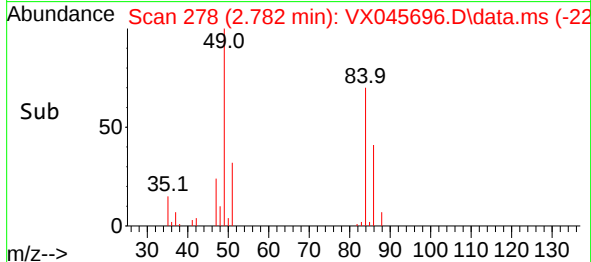
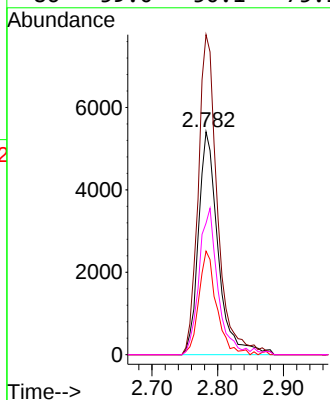
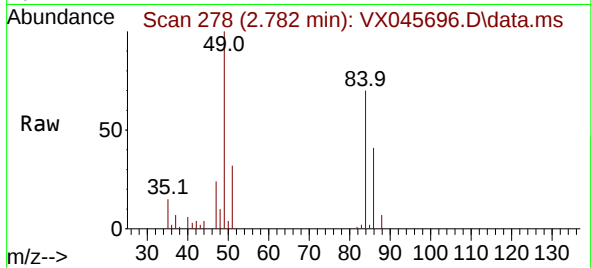




#20
Methylene Chloride
Concen: 12.797 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045696.D
Acq: 10 Apr 2025 14:13

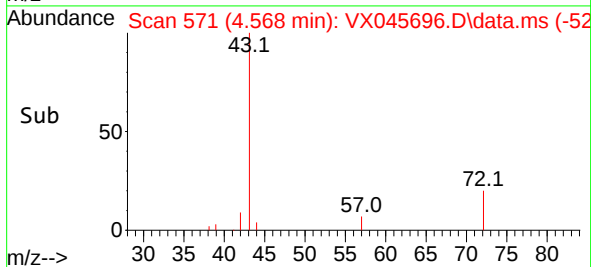
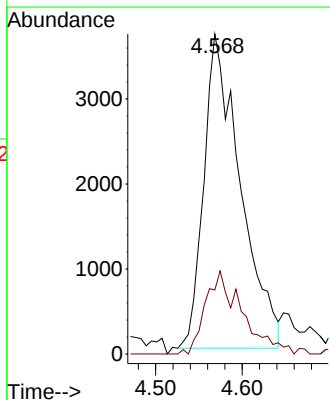
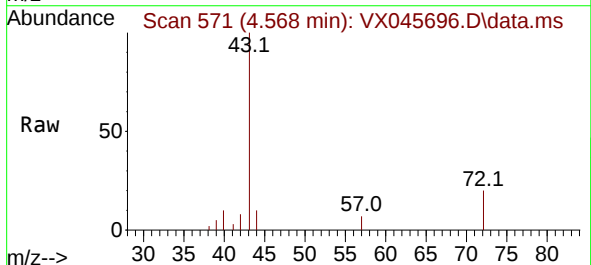
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#02

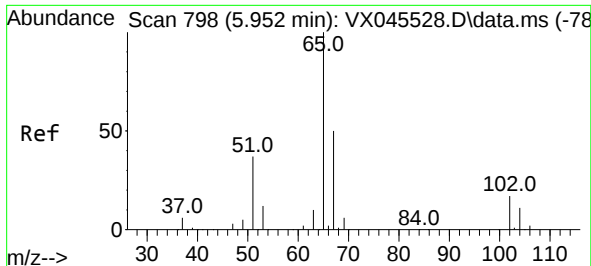
Tgt Ion:	84	Resp:	11200
Ion	Ratio	Lower	Upper
84	100		
49	143.6	107.5	161.3
51	46.5	33.0	49.6
86	59.0	50.1	75.1



#25
2-Butanone
Concen: 15.826 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX045696.D
Acq: 10 Apr 2025 14:13

Tgt Ion:	43	Resp:	10830
Ion	Ratio	Lower	Upper
43	100		
72	20.4	18.6	28.0





#33

1,2-Dichloroethane-d4

Concen: 56.009 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045696.D

Acq: 10 Apr 2025 14:13

Instrument :

MSVOA_X

ClientSampleId :

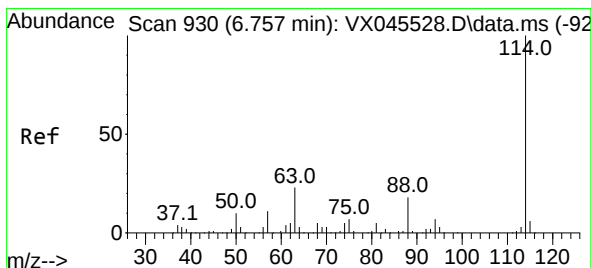
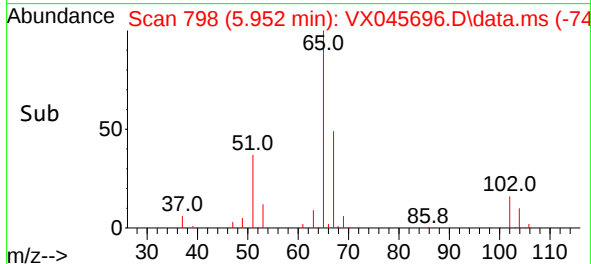
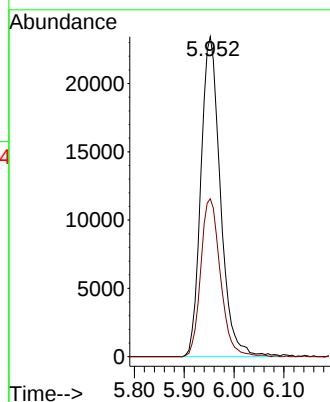
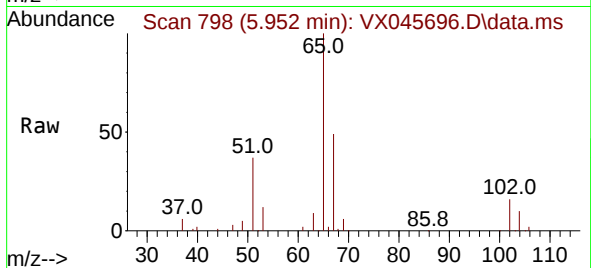
PB167534ZHE#02

Tgt Ion: 65 Resp: 63767

Ion Ratio Lower Upper

65 100

67 49.7 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: VX045696.D

Acq: 10 Apr 2025 14:13

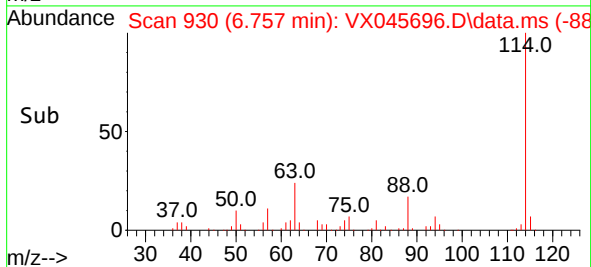
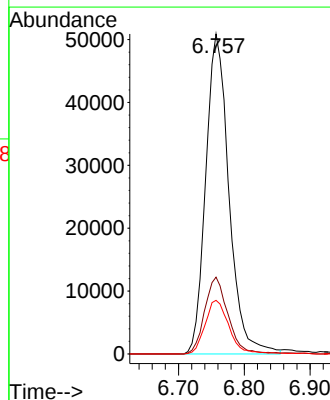
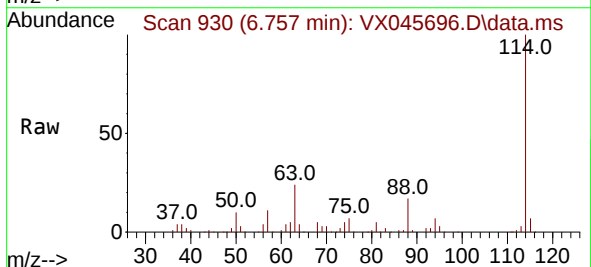
Tgt Ion: 114 Resp: 125231

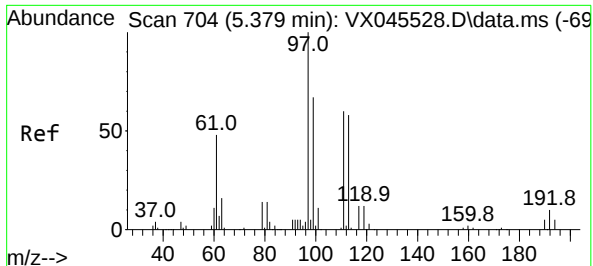
Ion Ratio Lower Upper

114 100

63 24.0 0.0 46.8

88 16.7 0.0 35.4





#35

Dibromofluoromethane

Concen: 50.615 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX045696.D

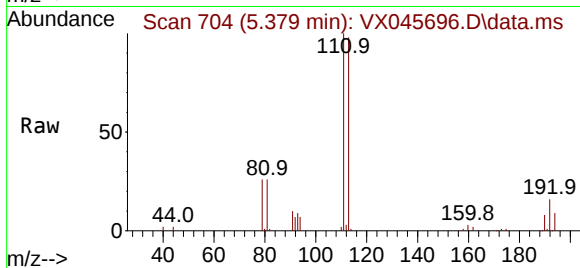
Acq: 10 Apr 2025 14:13

Instrument :

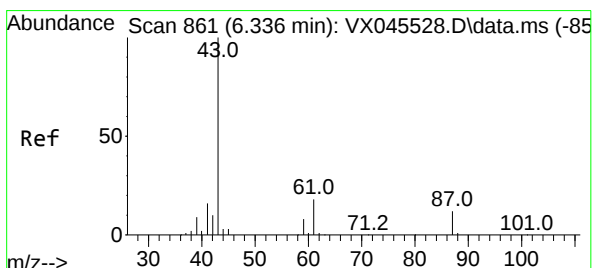
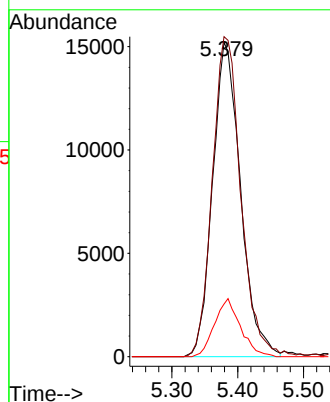
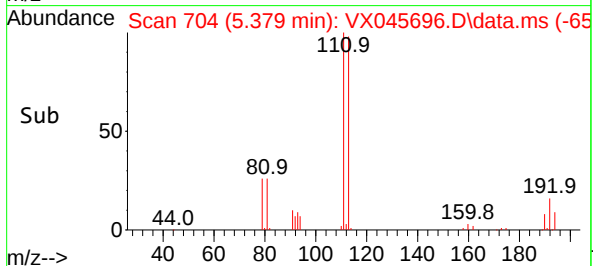
MSVOA_X

ClientSampleId :

PB167534ZHE#02



Tgt Ion:	113	Resp:	44972
Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.8	122.6
192	17.2	13.8	20.6



#43

Isopropyl Acetate

Concen: 3.633 ug/l

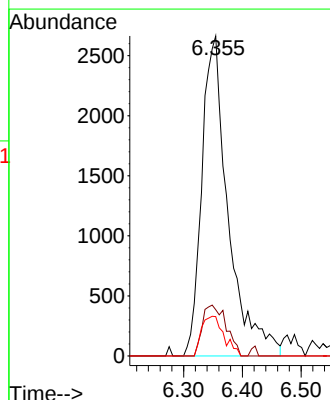
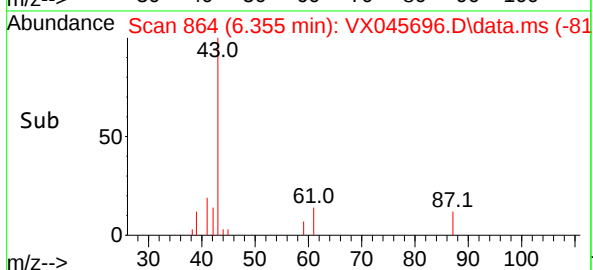
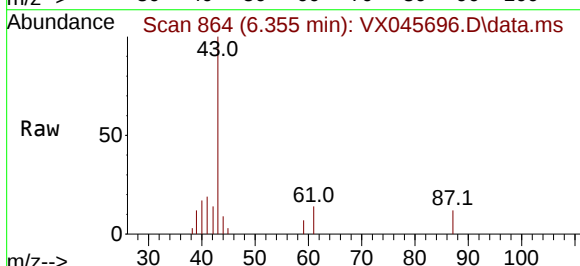
RT: 6.355 min Scan# 864

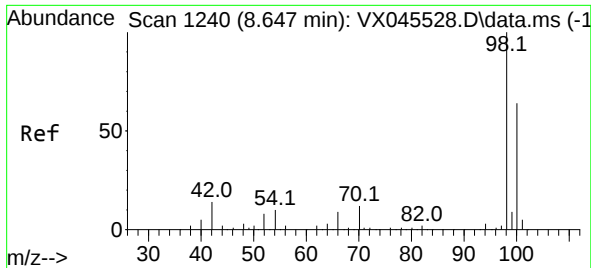
Delta R.T. 0.018 min

Lab File: VX045696.D

Acq: 10 Apr 2025 14:13

Tgt Ion:	43	Resp:	8324
Ion	Ratio	Lower	Upper
43	100		
61	14.3	14.1	21.1
87	10.5	9.2	13.8

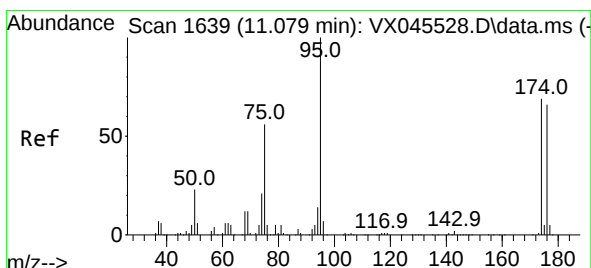
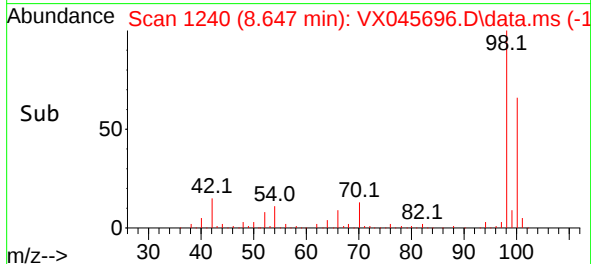
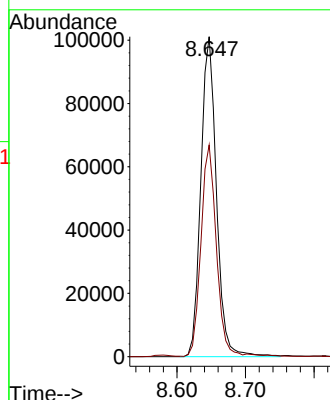
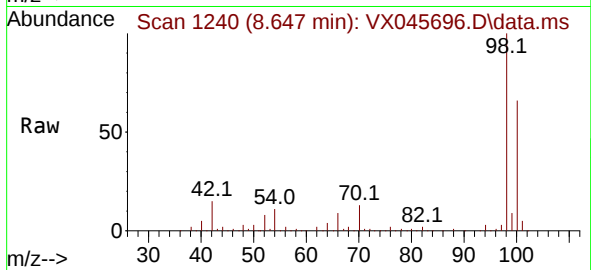




#50
Toluene-d8
Concen: 51.792 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045696.D
Acq: 10 Apr 2025 14:13

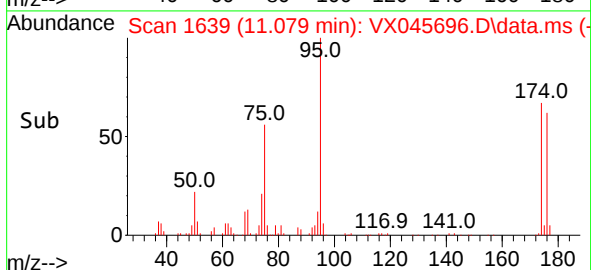
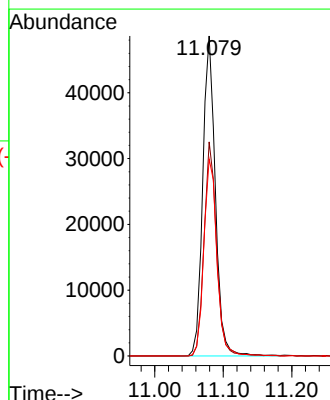
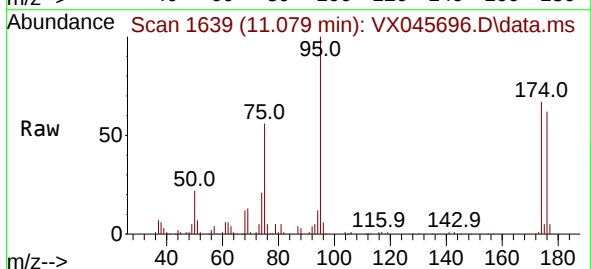
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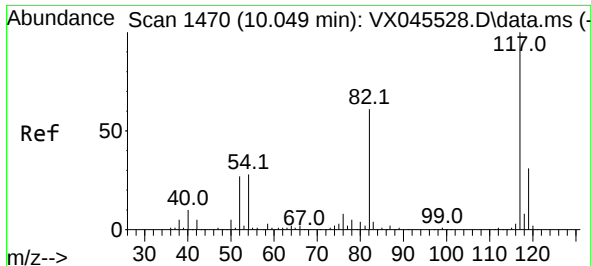
Tgt Ion: 98 Resp: 160621
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 55.176 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045696.D
Acq: 10 Apr 2025 14:13

Tgt Ion: 95 Resp: 62329
Ion Ratio Lower Upper
95 100
174 65.9 0.0 135.8
176 63.9 0.0 131.4

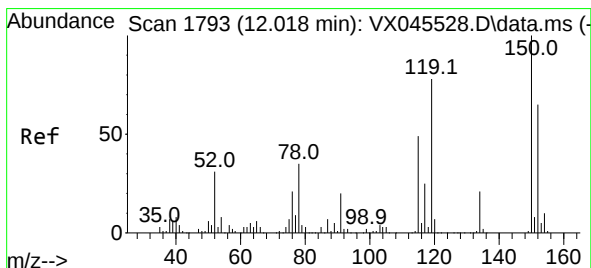
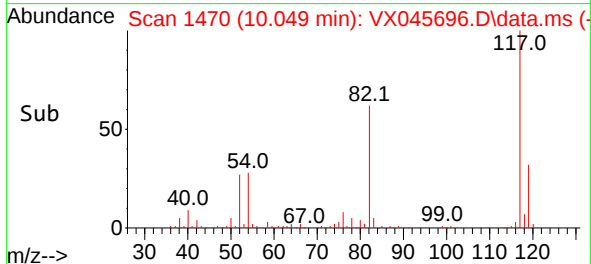
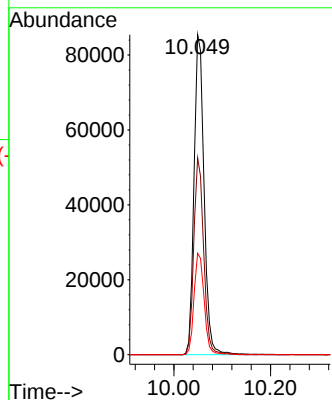
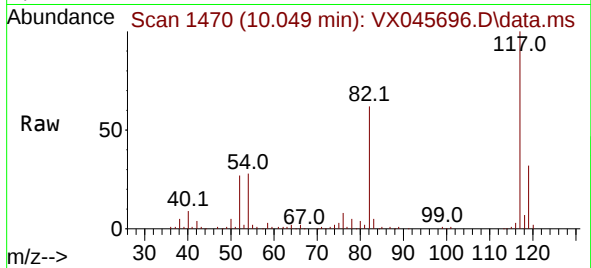




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045696.D
Acq: 10 Apr 2025 14:13

Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#02

Tgt Ion:117 Resp: 122789
Ion Ratio Lower Upper
117 100
82 61.5 49.2 73.8
119 31.7 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: VX045696.D
Acq: 10 Apr 2025 14:13

Tgt Ion:152 Resp: 52291
Ion Ratio Lower Upper
152 100
115 64.8 46.9 140.7
150 158.7 0.0 349.4

