

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
 Data File : VX045671.D
 Acq On : 09 Apr 2025 13:24
 Operator : JC/MD
 Sample : PB167487TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167487TB

Quant Time: Apr 10 01:34:53 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)

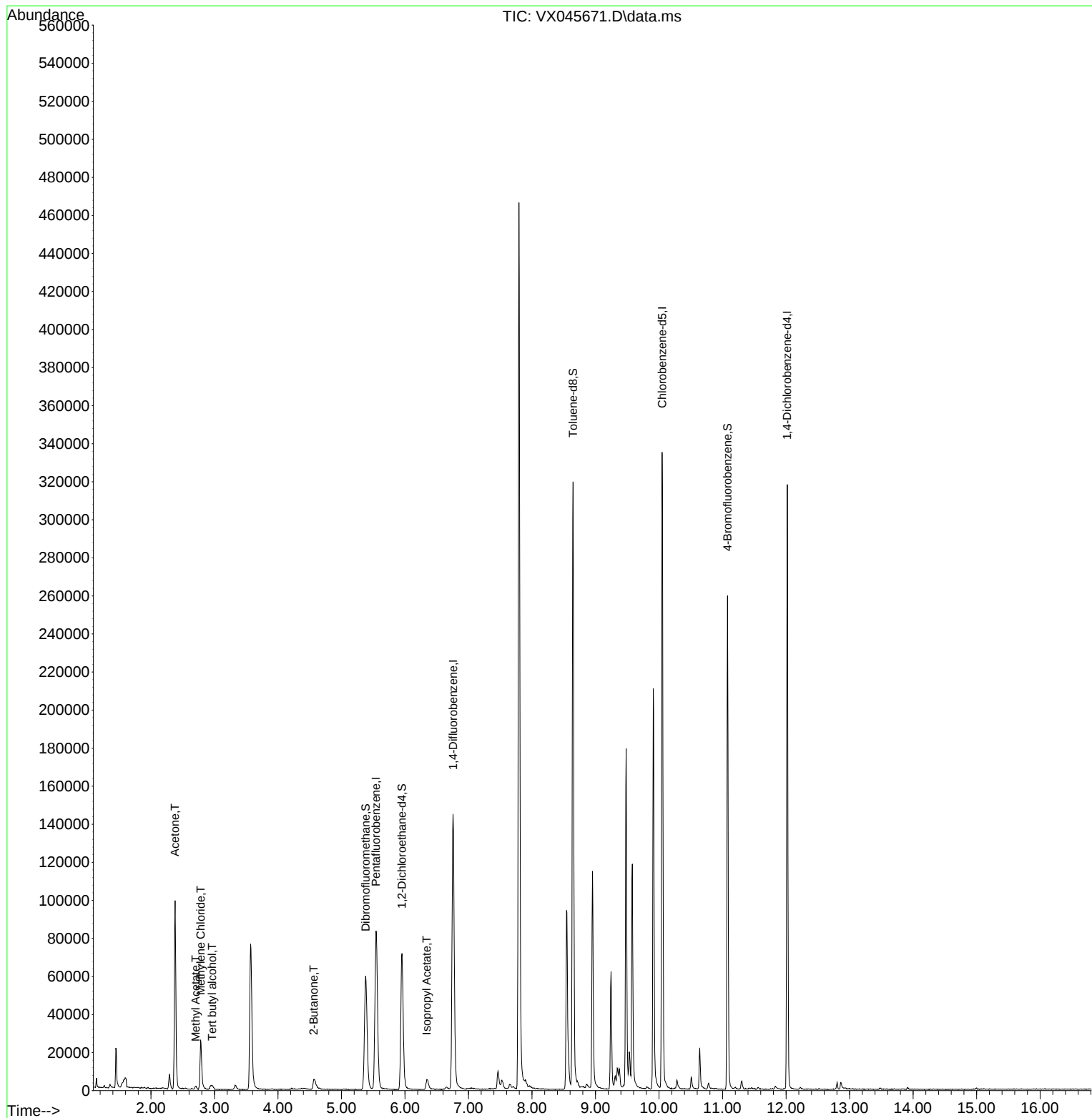
Internal Standards						
1) Pentafluorobenzene	5.544	168	70928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	139908	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	132847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72450	55.856	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.720%			
35) Dibromofluoromethane	5.379	113	51360	51.740	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.480%			
50) Toluene-d8	8.647	98	179846	51.908	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.820%			
62) 4-Bromofluorobenzene	11.079	95	67169	53.223	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.440%			
Target Compounds						
11) Tert butyl alcohol	2.965	59	2798	16.051	ug/l #	79
16) Acetone	2.380	43	105150	197.420	ug/l	98
18) Methyl Acetate	2.703	43	2357	1.922	ug/l	94
20) Methylene Chloride	2.782	84	11734	11.768	ug/l	95
25) 2-Butanone	4.562	43	12656	16.233	ug/l	98
43) Isopropyl Acetate	6.342	43	8672	3.388	ug/l #	94

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

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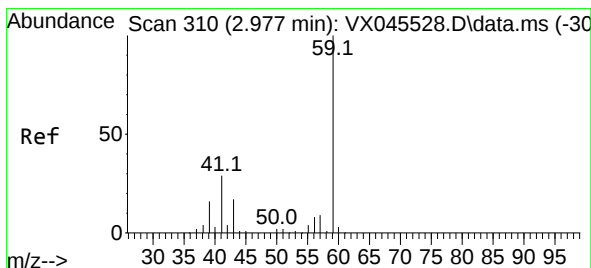
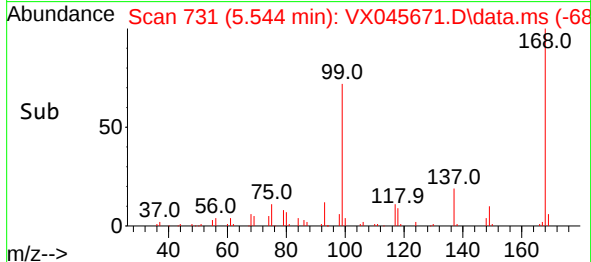
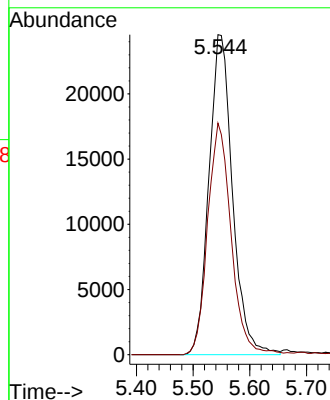
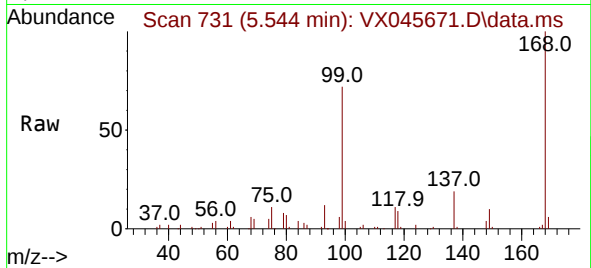




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

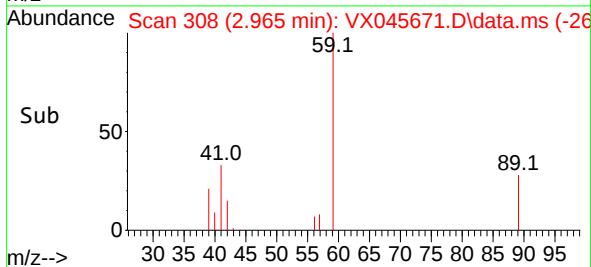
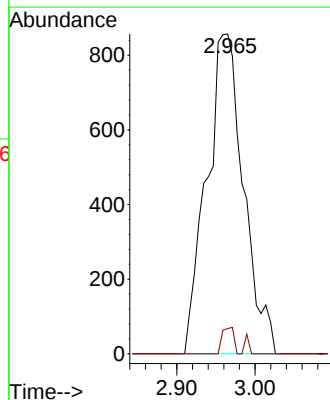
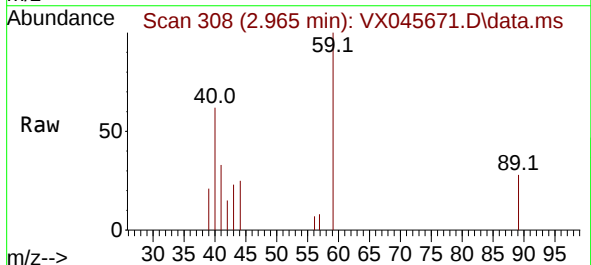
Instrument :
MSVOA_X
ClientSampleId :
PB167487TB

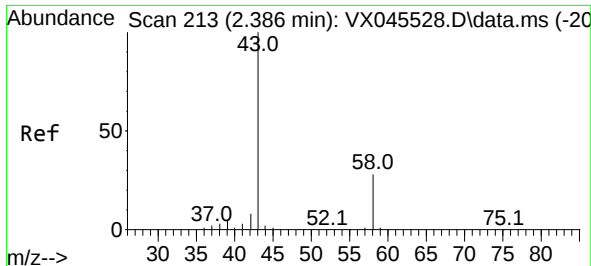
Tgt Ion:168 Resp: 70928
Ion Ratio Lower Upper
168 100
99 72.3 52.3 78.5



#11
Tert butyl alcohol
Concen: 16.051 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

Tgt Ion: 59 Resp: 2798
Ion Ratio Lower Upper
59 100
57 2.6 8.6 12.8#

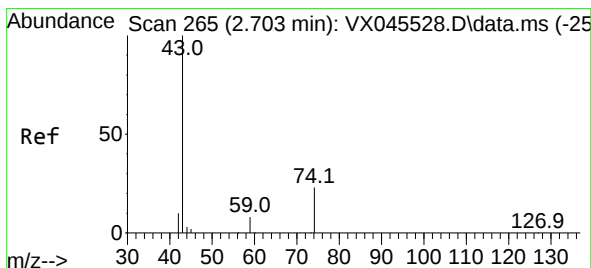
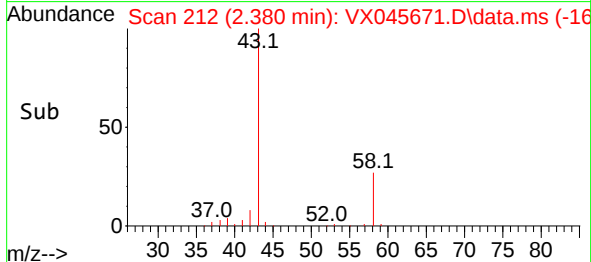
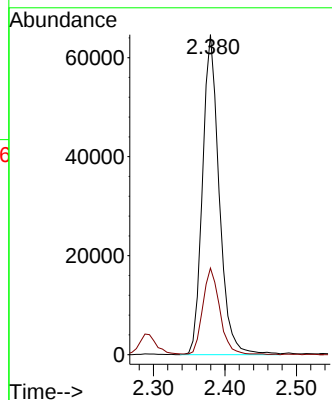
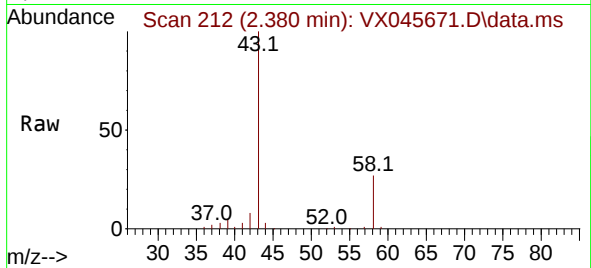




#16
Acetone
Concen: 197.420 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

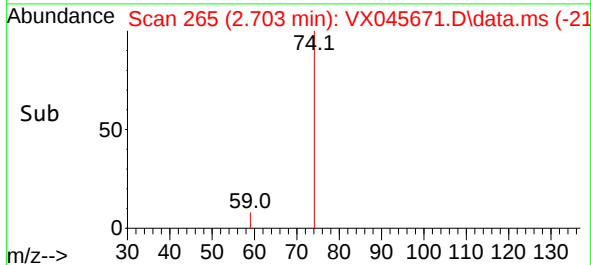
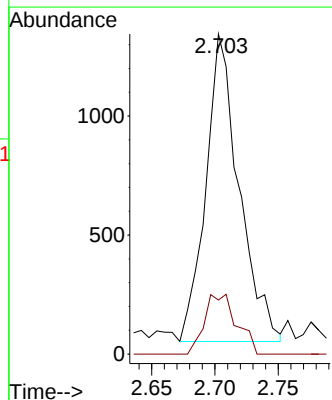
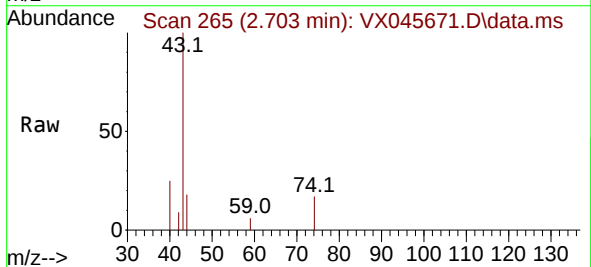
Instrument :
MSVOA_X
ClientSampleId :
PB167487TB

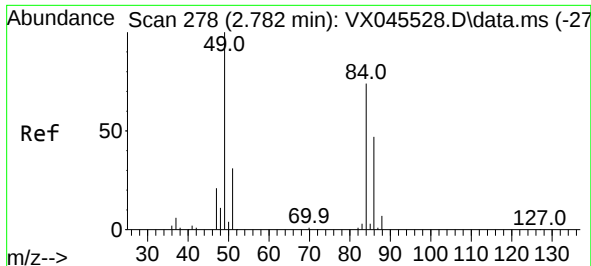
Tgt Ion: 43 Resp: 105150
Ion Ratio Lower Upper
43 100
58 27.1 22.3 33.5



#18
Methyl Acetate
Concen: 1.922 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

Tgt Ion: 43 Resp: 2357
Ion Ratio Lower Upper
43 100
74 18.9 17.5 26.3

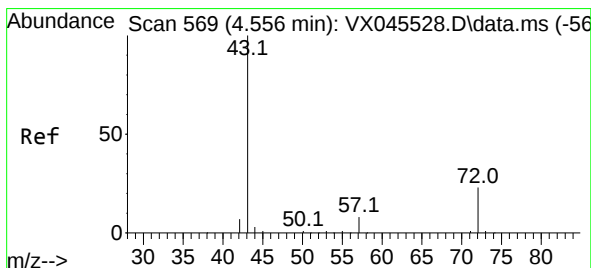
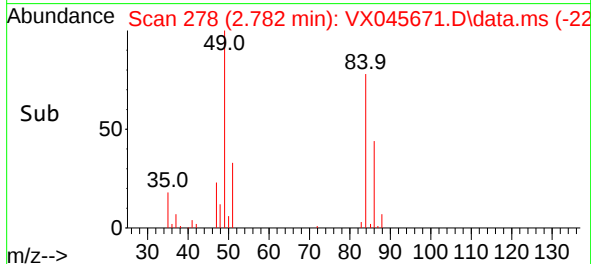
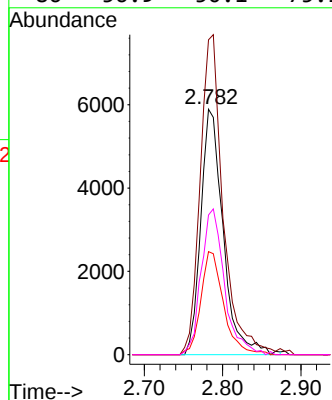
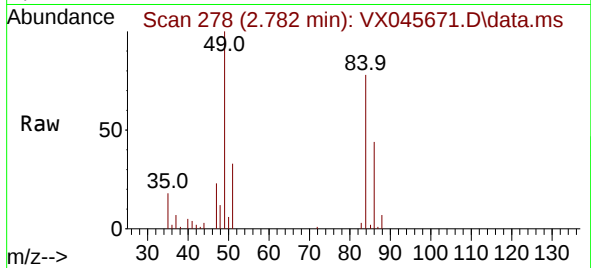




#20
Methylene Chloride
Concen: 11.768 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

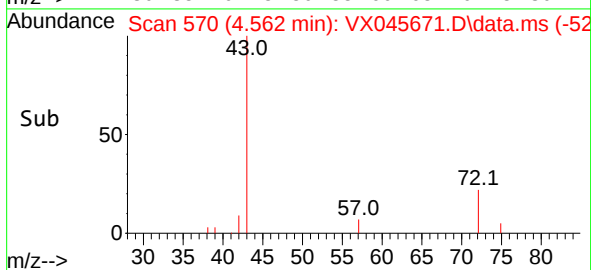
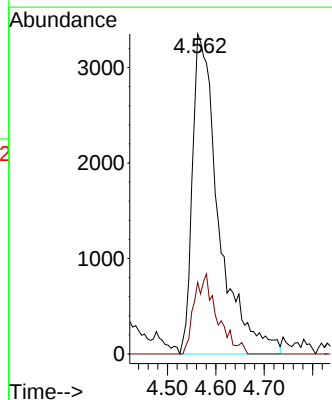
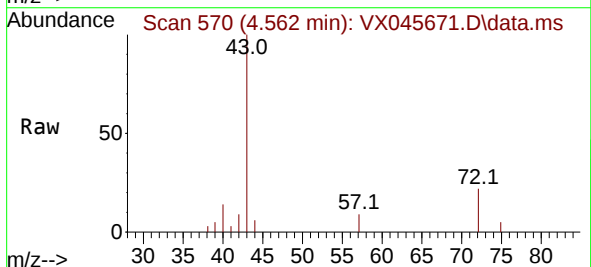
Instrument :
MSVOA_X
ClientSampleId :
PB167487TB

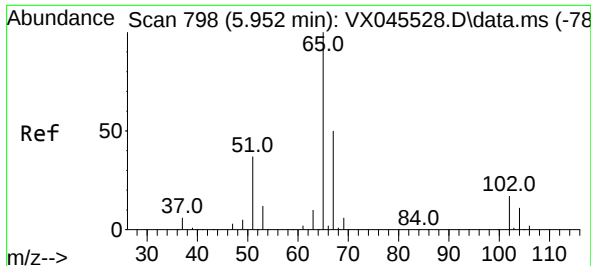
Tgt Ion:	84	Resp:	11734
Ion	Ratio	Lower	Upper
84	100		
49	128.3	107.5	161.3
51	42.0	33.0	49.6
86	56.9	50.1	75.1



#25
2-Butanone
Concen: 16.233 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

Tgt Ion:	43	Resp:	12656
Ion	Ratio	Lower	Upper
43	100		
72	22.3	18.6	28.0





#33

1,2-Dichloroethane-d4

Concen: 55.856 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045671.D

Acq: 09 Apr 2025 13:24

Instrument :

MSVOA_X

ClientSampleId :

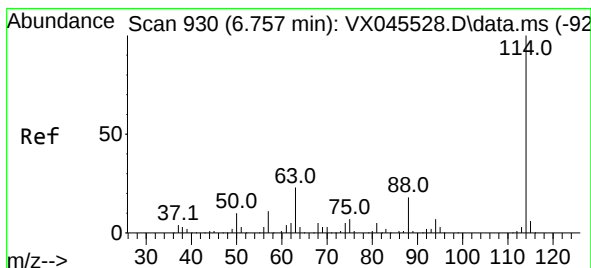
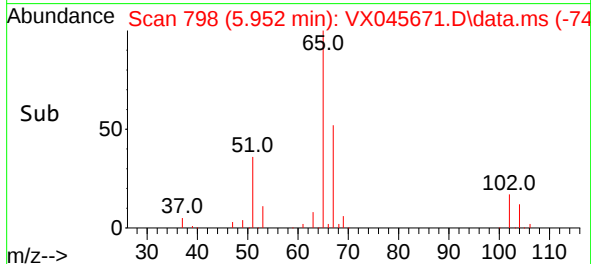
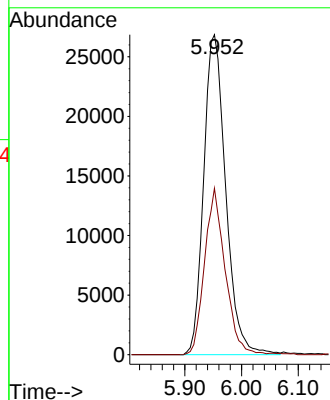
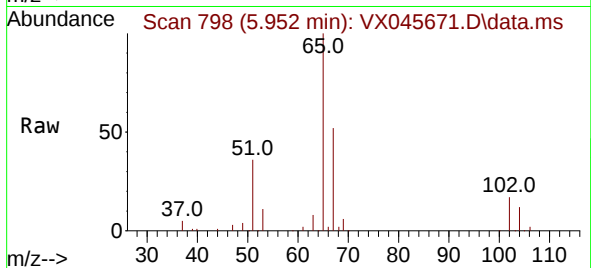
PB167487TB

Tgt Ion: 65 Resp: 72450

Ion Ratio Lower Upper

65 100

67 48.4 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: VX045671.D

Acq: 09 Apr 2025 13:24

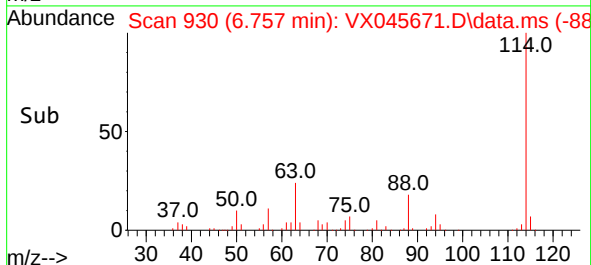
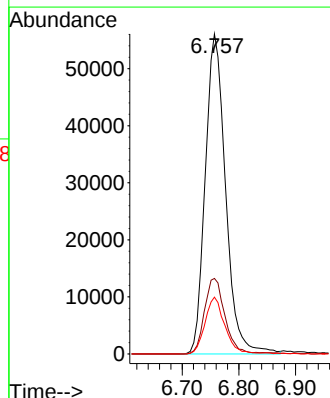
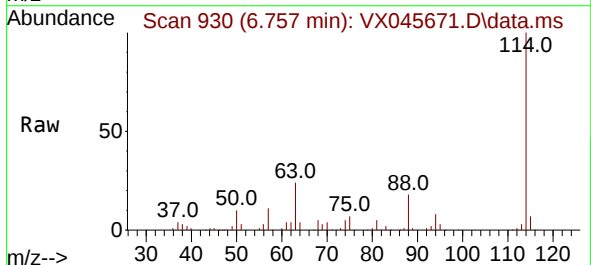
Tgt Ion: 114 Resp: 139908

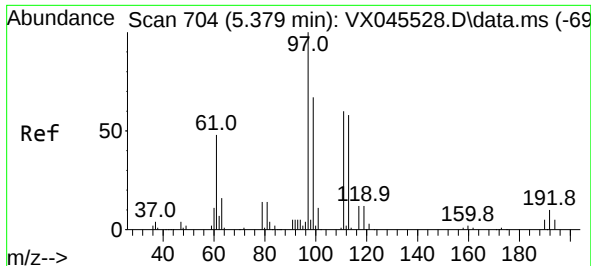
Ion Ratio Lower Upper

114 100

63 23.6 0.0 46.8

88 17.8 0.0 35.4





#35

Dibromofluoromethane

Concen: 51.740 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX045671.D

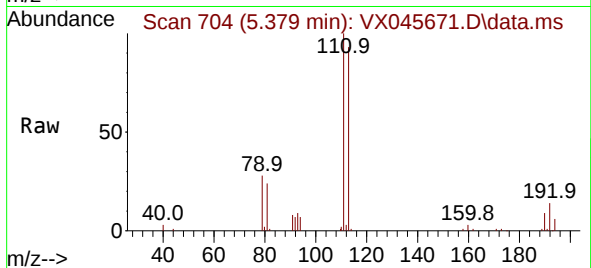
Acq: 09 Apr 2025 13:24

Instrument :

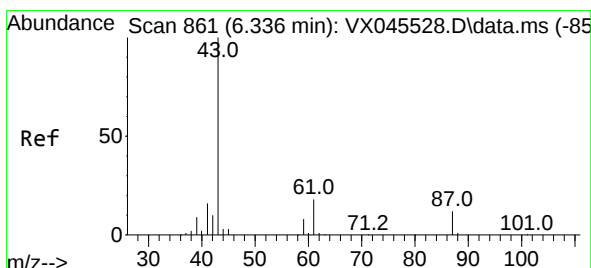
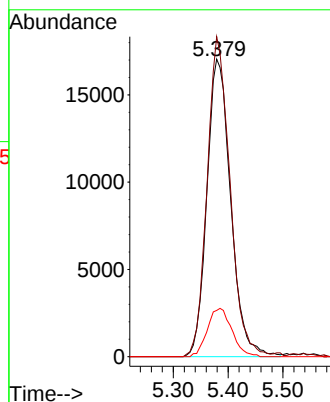
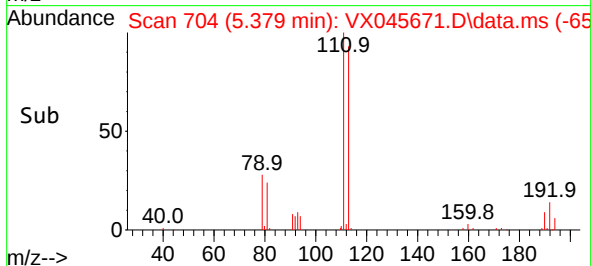
MSVOA_X

ClientSampleId :

PB167487TB



Tgt Ion:	113	Resp:	51360
Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.8	122.6
192	16.8	13.8	20.6



#43

Isopropyl Acetate

Concen: 3.388 ug/l

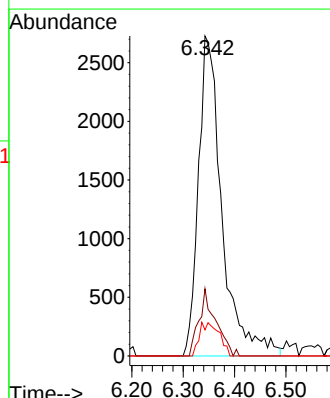
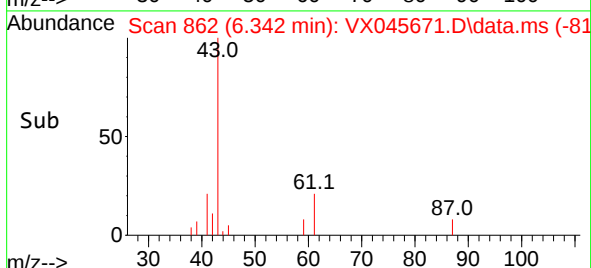
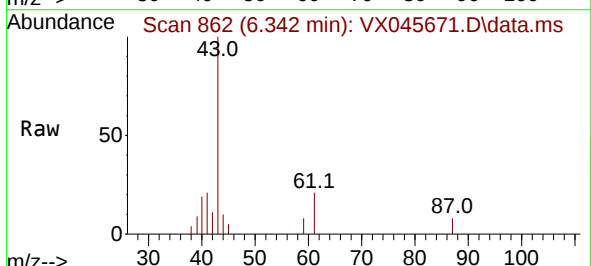
RT: 6.342 min Scan# 862

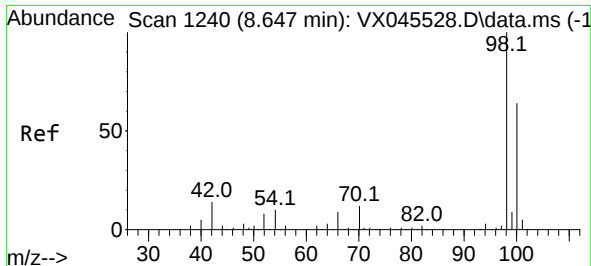
Delta R.T. 0.006 min

Lab File: VX045671.D

Acq: 09 Apr 2025 13:24

Tgt Ion:	43	Resp:	8672
Ion	Ratio	Lower	Upper
43	100		
61	15.1	14.1	21.1
87	8.8	9.2	13.8

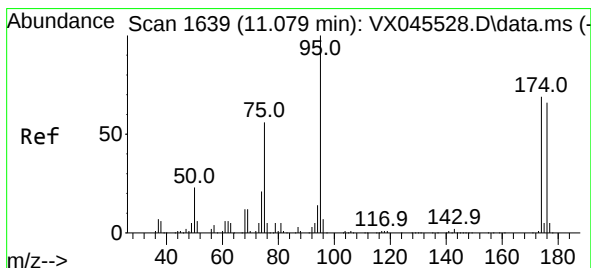
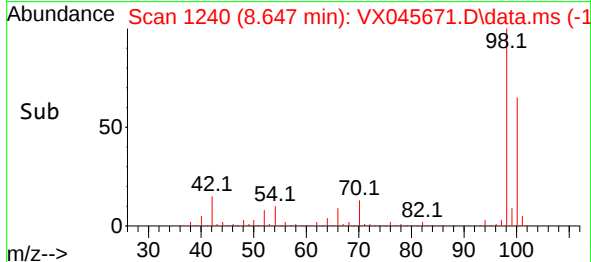
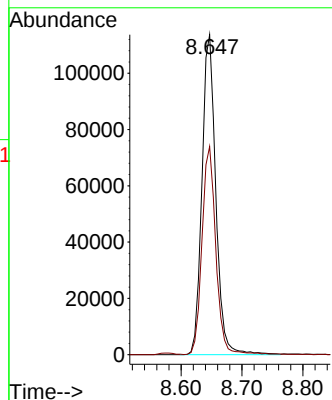
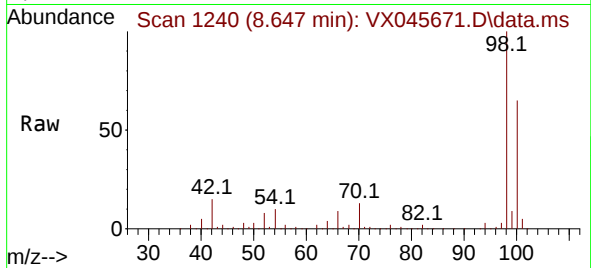




#50
Toluene-d8
Concen: 51.908 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

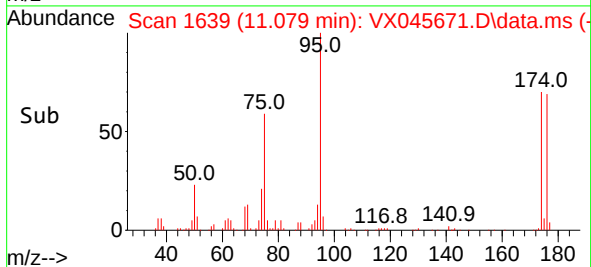
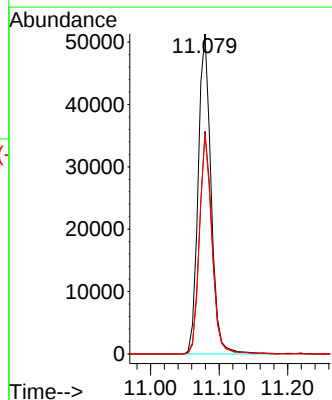
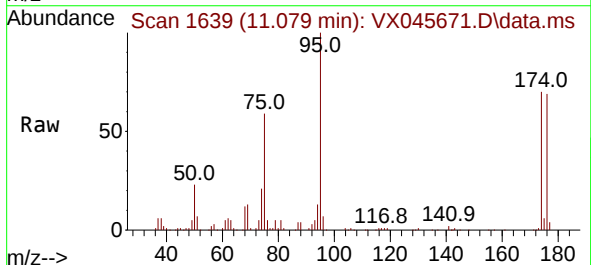
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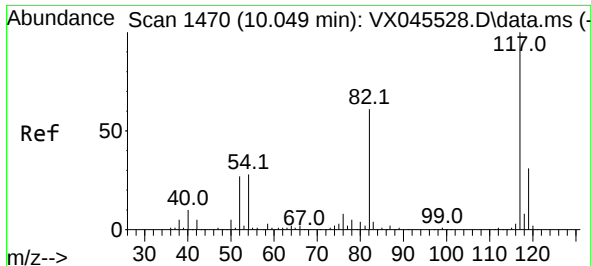
Tgt Ion: 98 Resp: 179846
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 53.223 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

Tgt Ion: 95 Resp: 67169
Ion Ratio Lower Upper
95 100
174 67.5 0.0 135.8
176 66.5 0.0 131.4

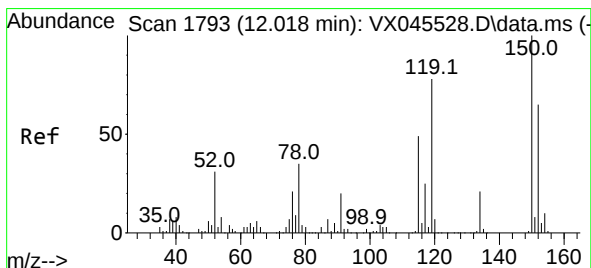
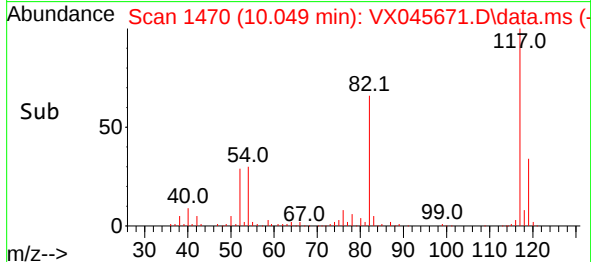
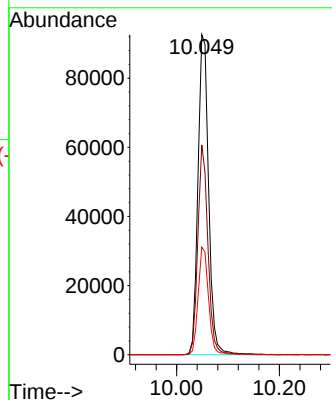
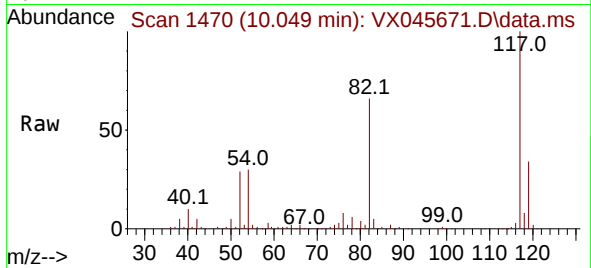




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

Instrument :
MSVOA_X
ClientSampleId :
PB167487TB

Tgt Ion:117 Resp: 132847
Ion Ratio Lower Upper
117 100
82 65.6 49.2 73.8
119 33.6 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: VX045671.D
Acq: 09 Apr 2025 13:24

Tgt Ion:152 Resp: 57479
Ion Ratio Lower Upper
152 100
115 64.1 46.9 140.7
150 156.9 0.0 349.4

