

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040825\
 Data File : VX045643.D
 Acq On : 08 Apr 2025 11:41
 Operator : JC/MD
 Sample : PB167492ZHE01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167492ZHE01

Quant Time: Apr 09 01:35:28 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)

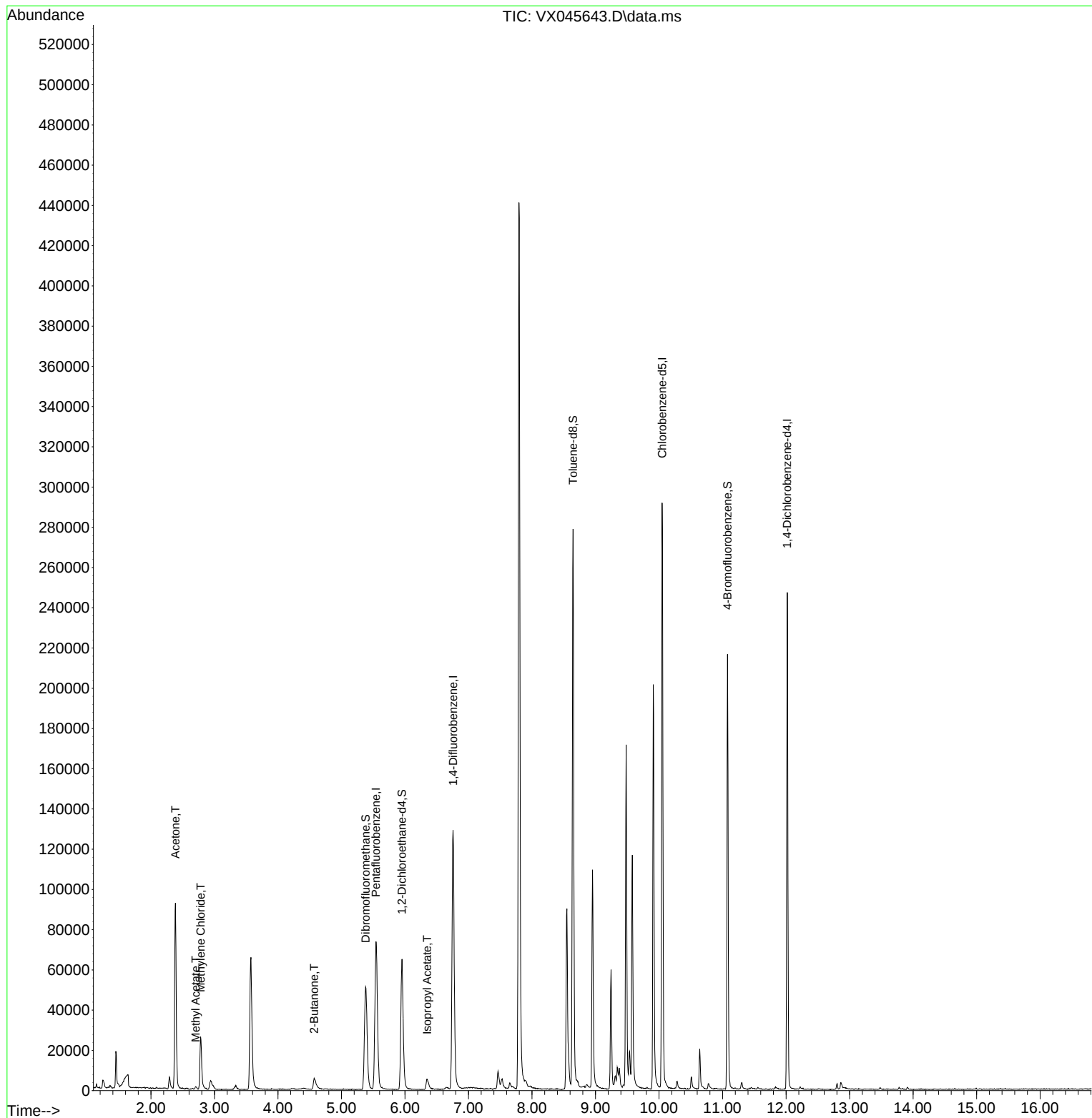
Internal Standards						
1) Pentafluorobenzene	5.544	168	61446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124662	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	45376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63379	56.403	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.800%
35) Dibromofluoromethane	5.379	113	44459	50.266	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.540%
50) Toluene-d8	8.647	98	158374	51.301	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.600%
62) 4-Bromofluorobenzene	11.079	95	56067	49.859	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.720%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	102960	223.138	ug/l	99
18) Methyl Acetate	2.703	43	2003	1.885	ug/l	91
20) Methylene Chloride	2.782	84	12311	14.252	ug/l	97
25) 2-Butanone	4.568	43	10980	16.257	ug/l	92
43) Isopropyl Acetate	6.348	43	8251	3.617	ug/l #	94

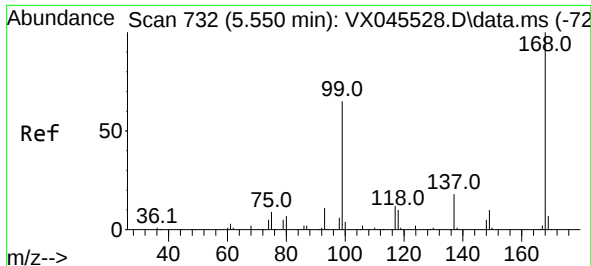
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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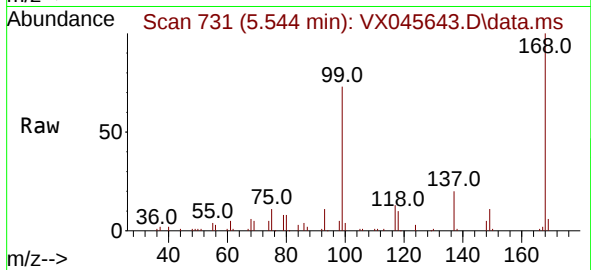
Quant Time: Apr 09 01:35:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
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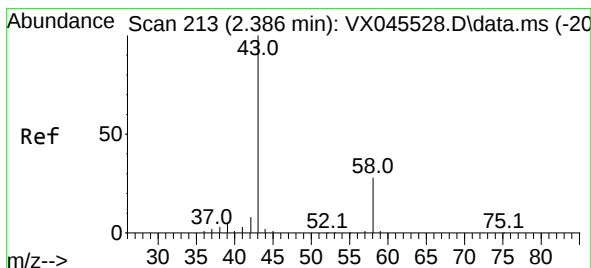
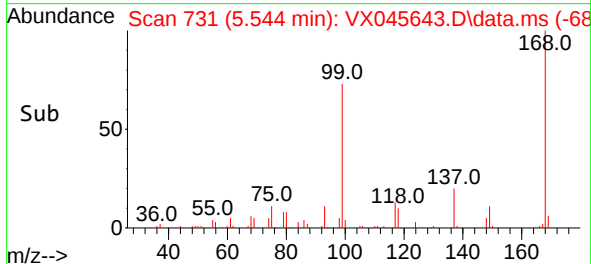
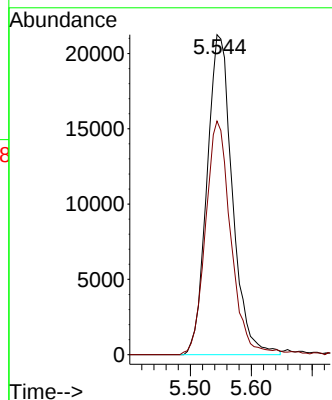


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045643.D
Acq: 08 Apr 2025 11:41

Instrument :
MSVOA_X
ClientSampleId :
PB167492ZHE01

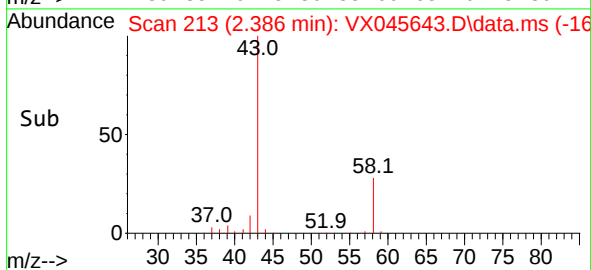
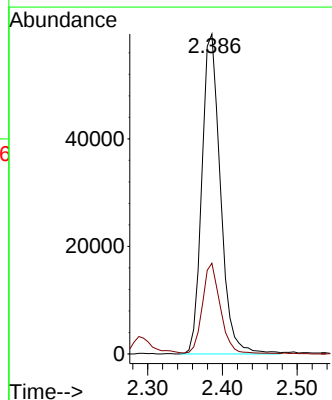
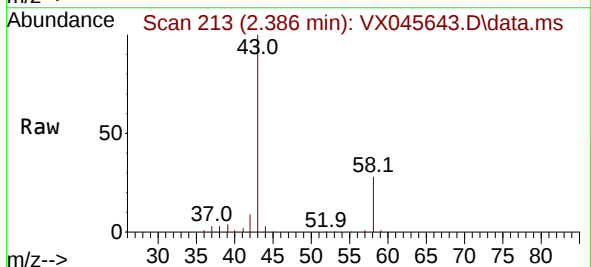


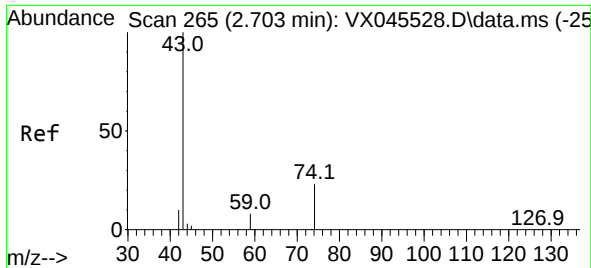
Tgt Ion:168 Resp: 61446
Ion Ratio Lower Upper
168 100
99 73.0 52.3 78.5



#16
Acetone
Concen: 223.138 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045643.D
Acq: 08 Apr 2025 11:41

Tgt Ion: 43 Resp: 102960
Ion Ratio Lower Upper
43 100
58 28.2 22.3 33.5

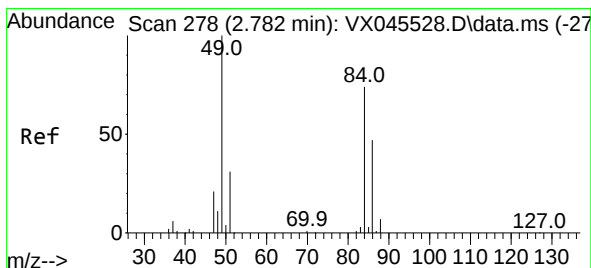
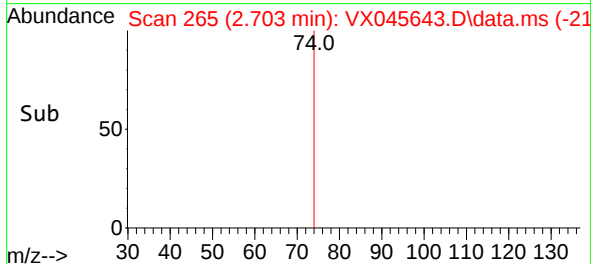
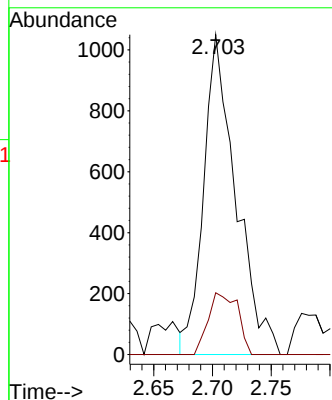
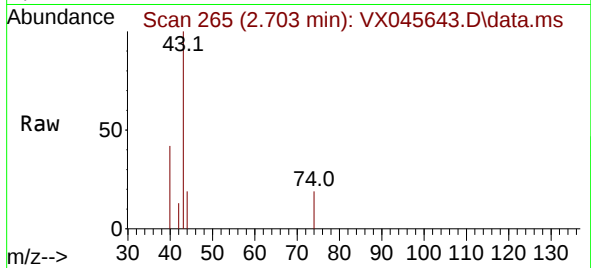




#18
Methyl Acetate
Concen: 1.885 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX045643.D
Acq: 08 Apr 2025 11:41

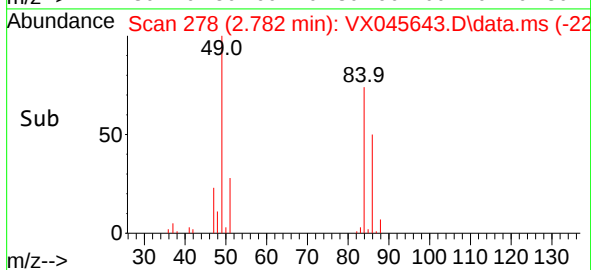
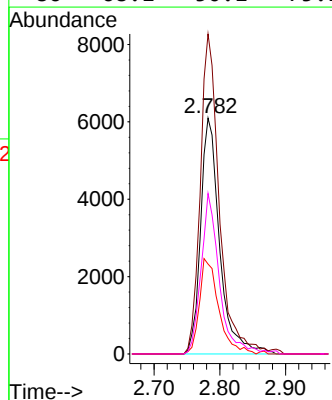
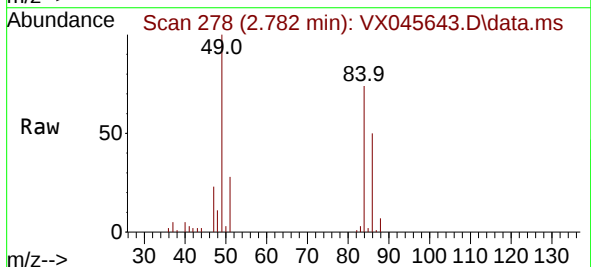
Instrument :
MSVOA_X
ClientSampleId :
PB167492ZHE01

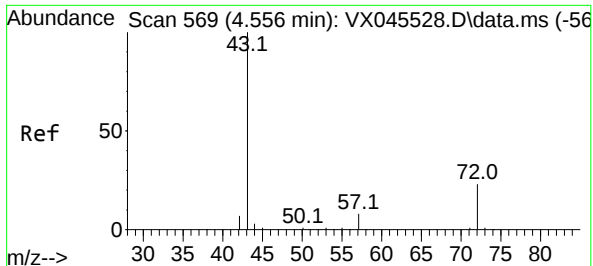
Tgt Ion: 43 Resp: 2003
Ion Ratio Lower Upper
43 100
74 17.6 17.5 26.3



#20
Methylene Chloride
Concen: 14.252 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045643.D
Acq: 08 Apr 2025 11:41

Tgt Ion: 84 Resp: 12311
Ion Ratio Lower Upper
84 100
49 135.7 107.5 161.3
51 38.1 33.0 49.6
86 68.1 50.1 75.1

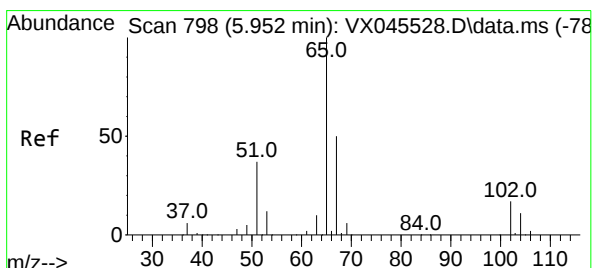
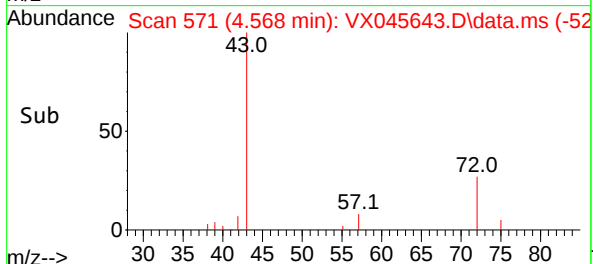
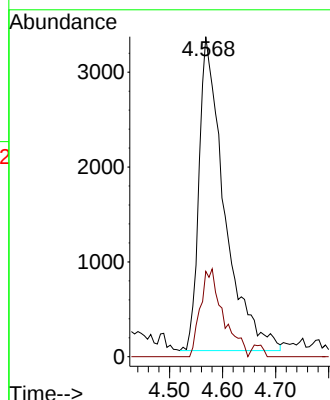
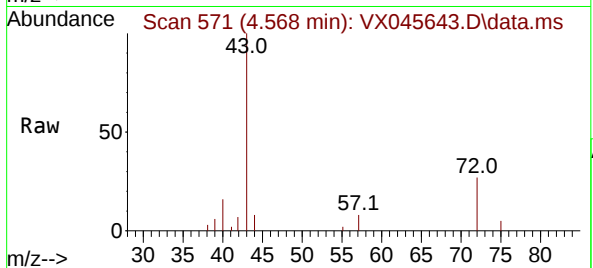




#25
2-Butanone
Concen: 16.257 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX045643.D
Acq: 08 Apr 2025 11:41

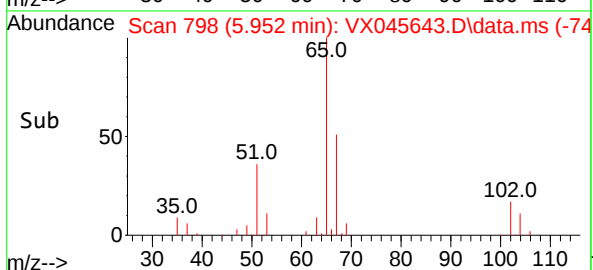
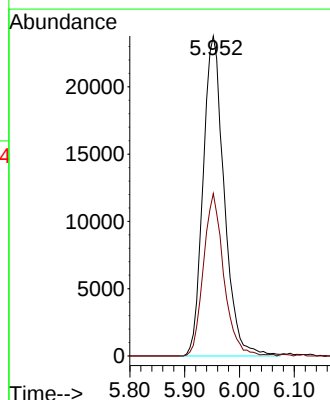
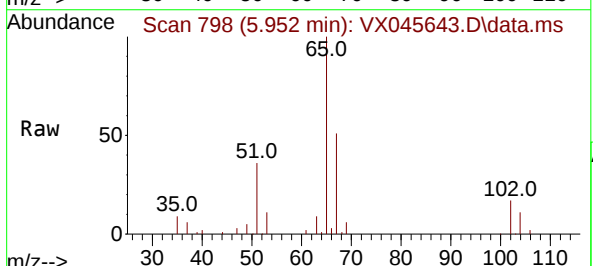
Instrument :
MSVOA_X
ClientSampleId :
PB167492ZHE01

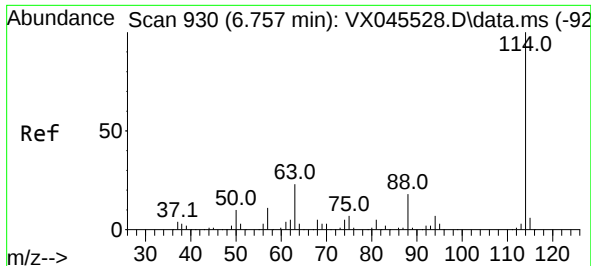
Tgt Ion: 43 Resp: 10980
Ion Ratio Lower Upper
43 100
72 27.2 18.6 28.0



#33
1,2-Dichloroethane-d4
Concen: 56.403 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045643.D
Acq: 08 Apr 2025 11:41

Tgt Ion: 65 Resp: 63379
Ion Ratio Lower Upper
65 100
67 49.1 0.0 99.0

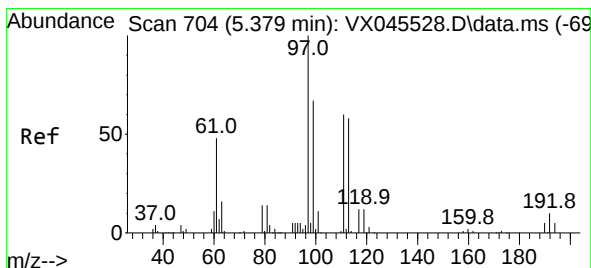
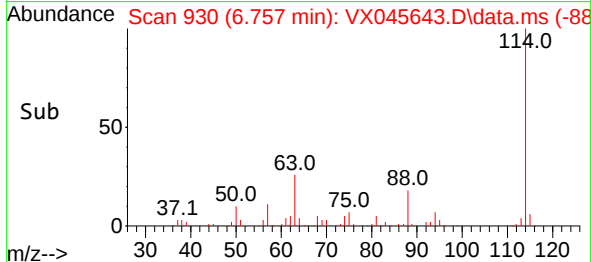
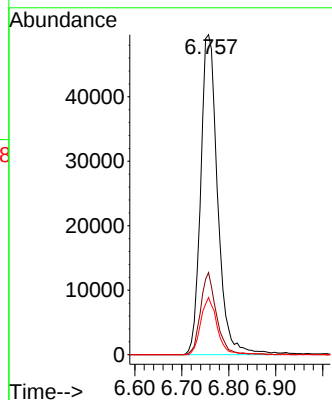
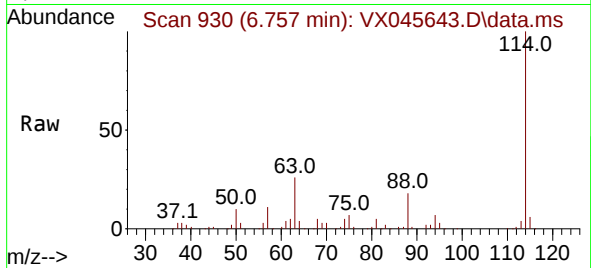




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045643.D
Acq: 08 Apr 2025 11:41

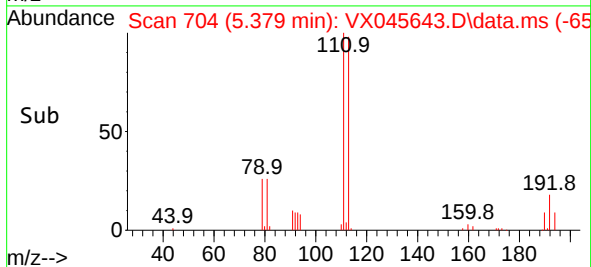
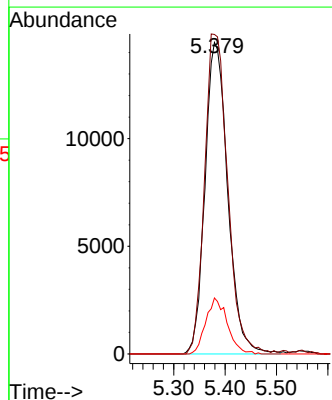
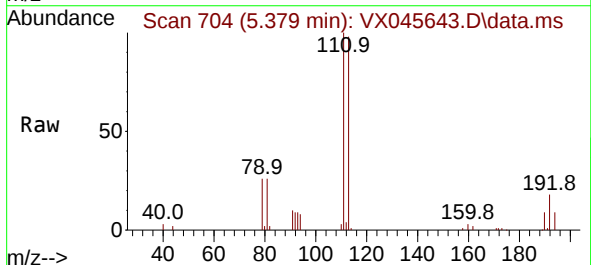
Instrument :
MSVOA_X
ClientSampleId :
PB167492ZHE01

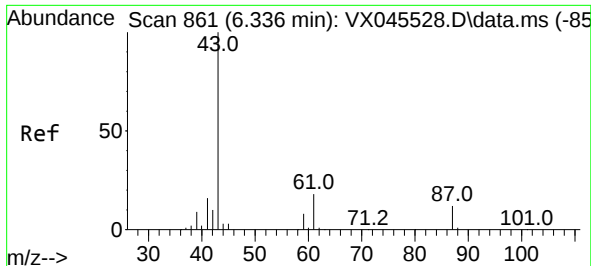
Tgt Ion:114 Resp: 124662
Ion Ratio Lower Upper
114 100
63 25.7 0.0 46.8
88 17.9 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.266 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045643.D
Acq: 08 Apr 2025 11:41

Tgt Ion:113 Resp: 44459
Ion Ratio Lower Upper
113 100
111 104.3 81.8 122.6
192 17.1 13.8 20.6

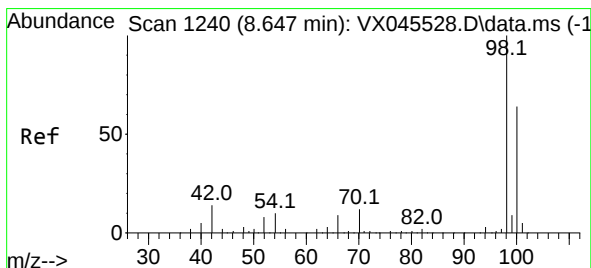
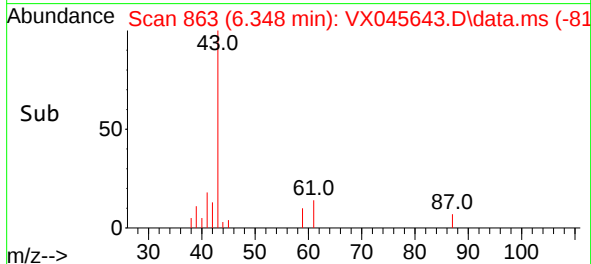
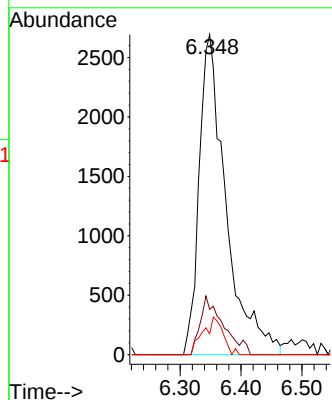
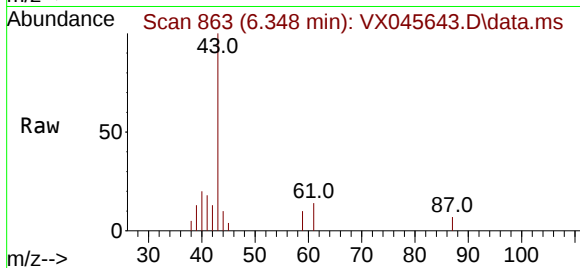




#43
Isopropyl Acetate
Concen: 3.617 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX045643.D
Acq: 08 Apr 2025 11:41

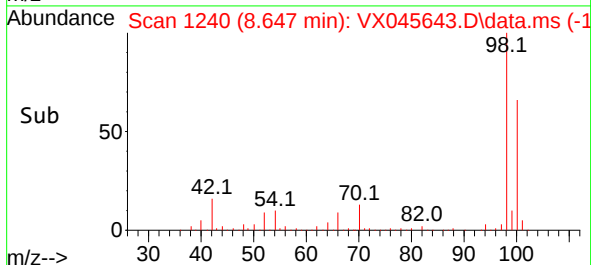
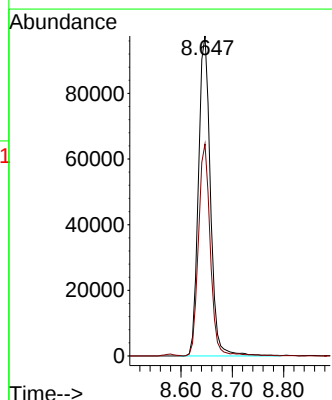
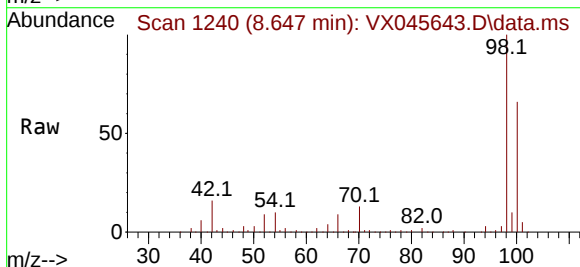
Instrument :
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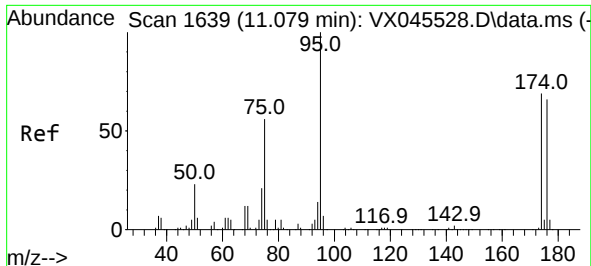
Tgt Ion: 43 Resp: 8251
Ion Ratio Lower Upper
43 100
61 15.7 14.1 21.1
87 8.6 9.2 13.8#



#50
Toluene-d8
Concen: 51.301 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045643.D
Acq: 08 Apr 2025 11:41

Tgt Ion: 98 Resp: 158374
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 49.859 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045643.D

Acq: 08 Apr 2025 11:41

Instrument :

MSVOA_X

ClientSampleId :

PB167492ZHE01

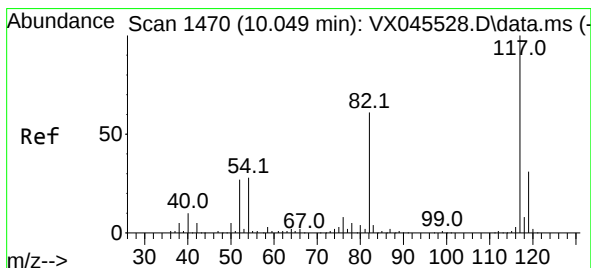
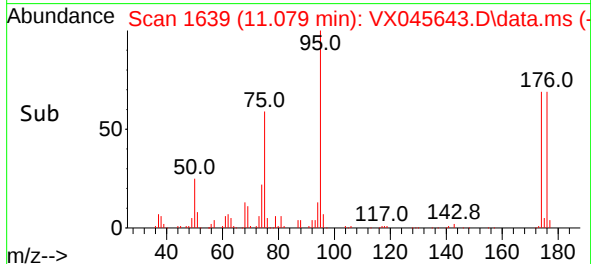
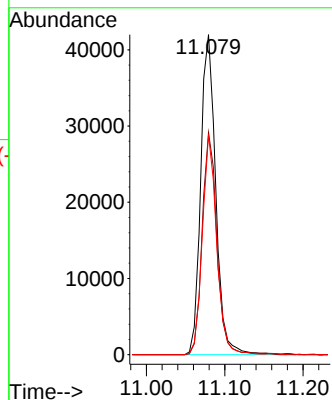
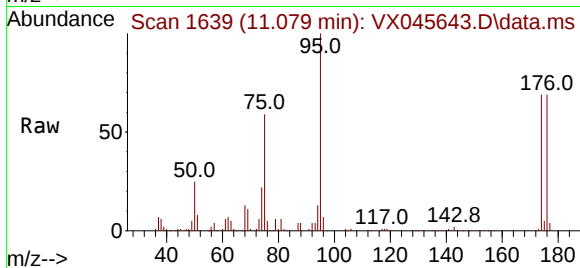
Tgt Ion: 95 Resp: 56067

Ion Ratio Lower Upper

95 100

174 68.0 0.0 135.8

176 65.5 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: VX045643.D

Acq: 08 Apr 2025 11:41

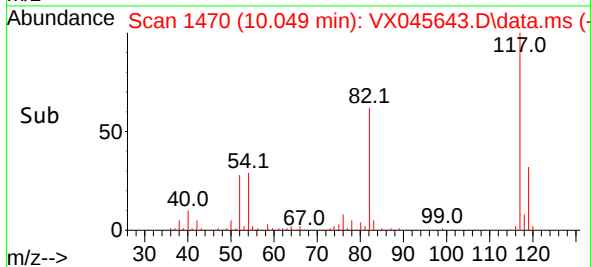
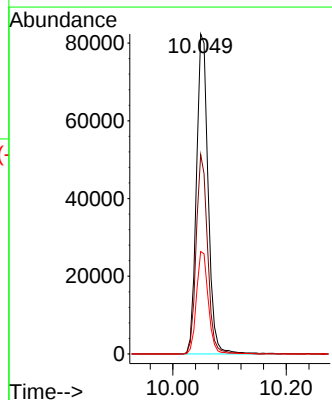
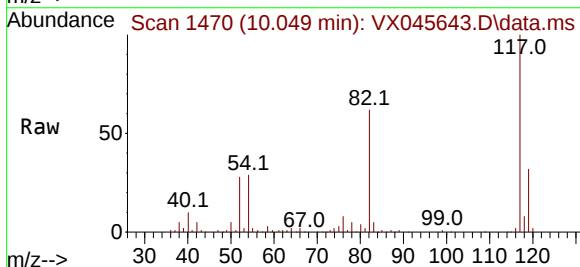
Tgt Ion: 117 Resp: 117793

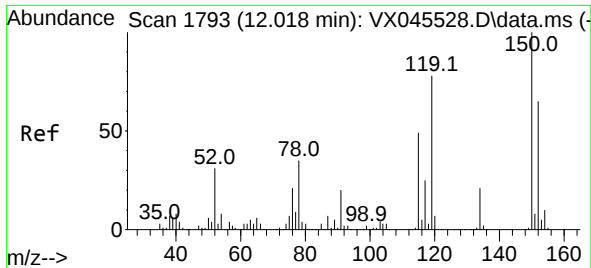
Ion Ratio Lower Upper

117 100

82 62.3 49.2 73.8

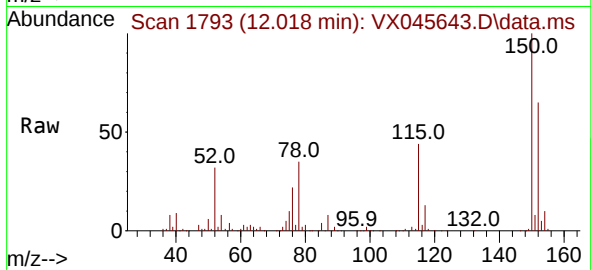
119 32.0 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045643.D
 Acq: 08 Apr 2025 11:41

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167492ZHE01



Tgt Ion:152 Resp: 45376
 Ion Ratio Lower Upper
 152 100
 115 65.5 46.9 140.7
 150 155.4 0.0 349.4

