

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040825\
 Data File : VX045647.D
 Acq On : 08 Apr 2025 13:14
 Operator : JC/MD
 Sample : PB167492ZHE05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167492ZHE05

Quant Time: Apr 09 01:37:31 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)

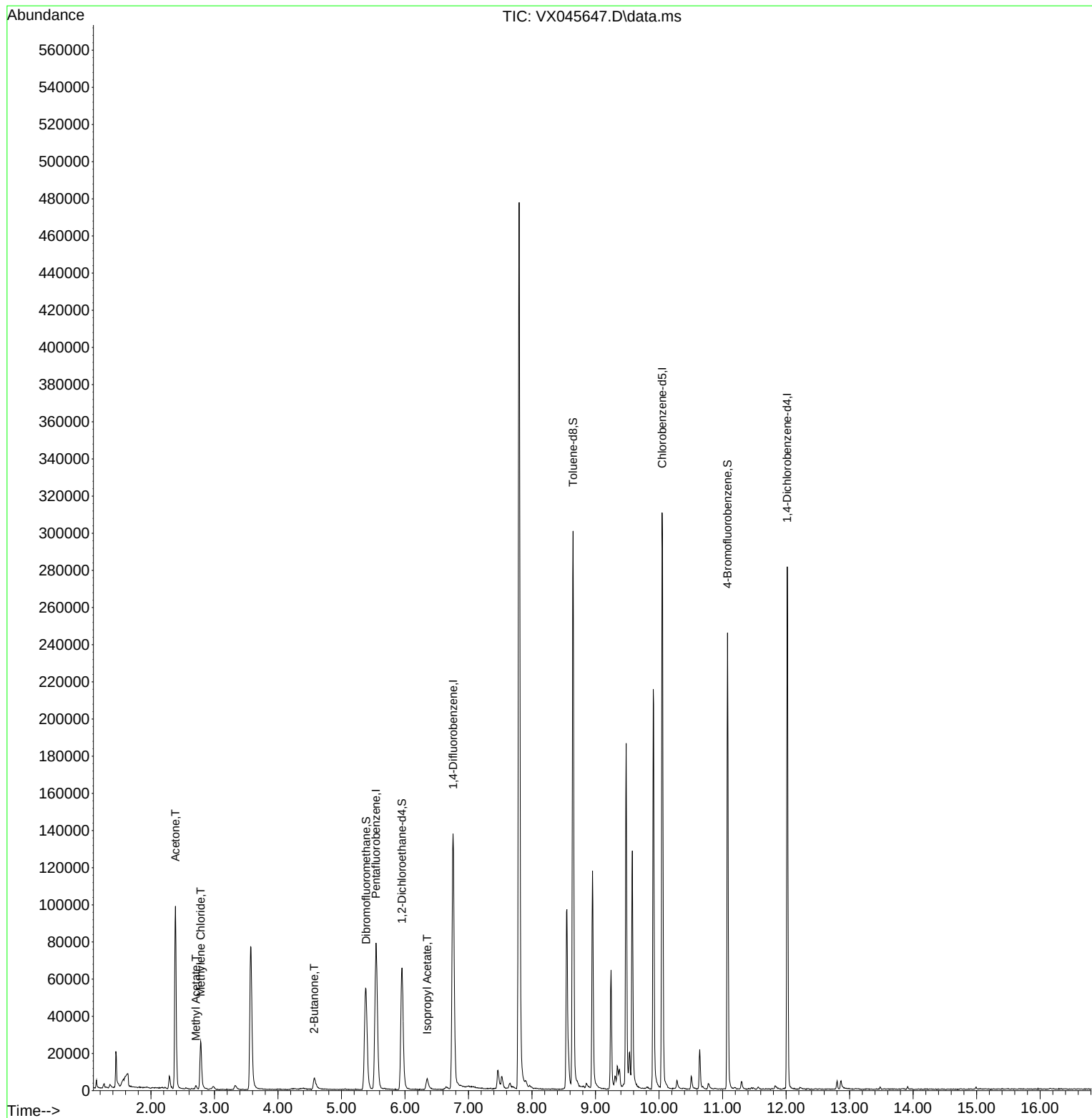
Internal Standards						
1) Pentafluorobenzene	5.544	168	65890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133175	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	127373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66836	55.468	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.940%
35) Dibromofluoromethane	5.385	113	48062	50.866	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.740%
50) Toluene-d8	8.647	98	169300	51.334	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.660%
62) 4-Bromofluorobenzene	11.079	95	63467	52.832	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.660%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	109437	221.179	ug/l	97
18) Methyl Acetate	2.709	43	2365	2.076	ug/l	95
20) Methylene Chloride	2.782	84	11995	12.949	ug/l	91
25) 2-Butanone	4.568	43	13017	17.973	ug/l #	84
43) Isopropyl Acetate	6.348	43	9024	3.703	ug/l	95

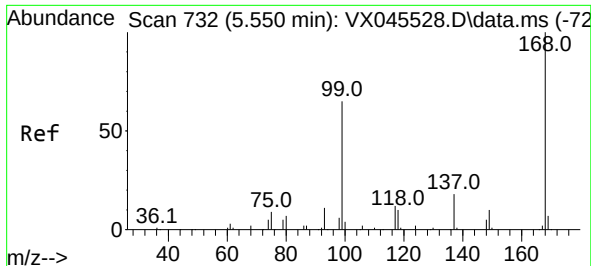
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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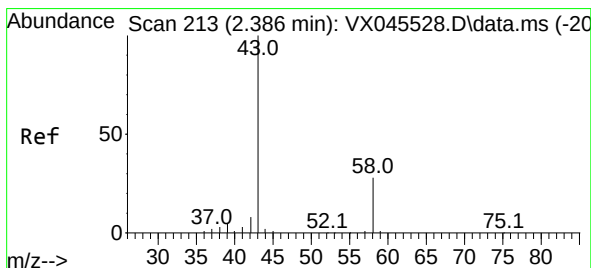
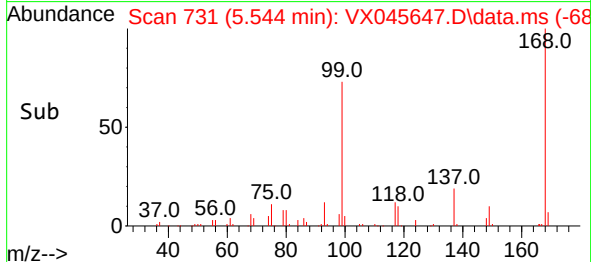
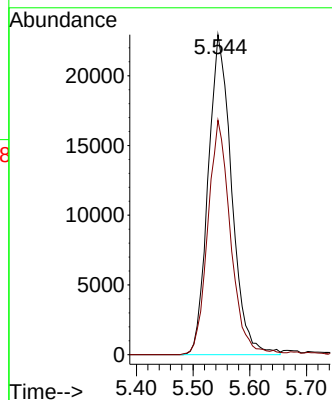
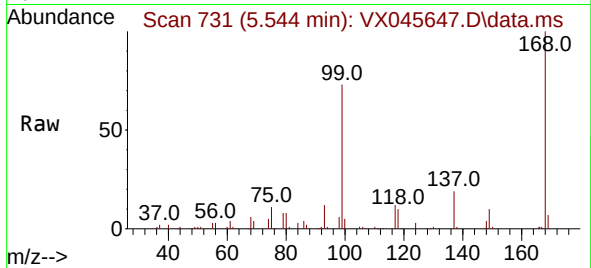




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045647.D
Acq: 08 Apr 2025 13:14

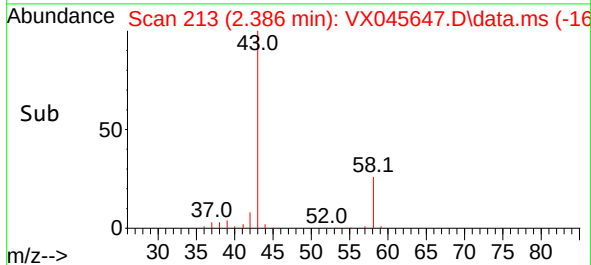
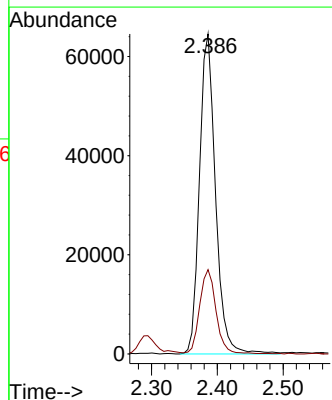
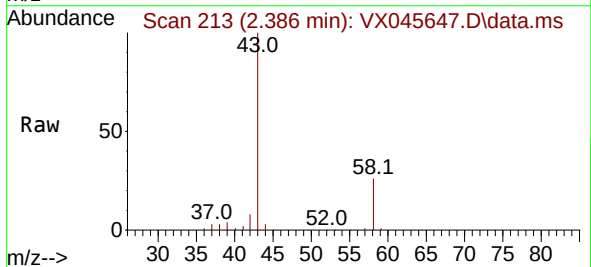
Instrument :
MSVOA_X
ClientSampleId :
PB167492ZHE05

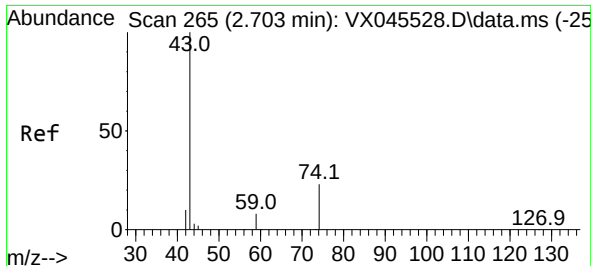
Tgt Ion:168 Resp: 65890
Ion Ratio Lower Upper
168 100
99 73.3 52.3 78.5



#16
Acetone
Concen: 221.179 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045647.D
Acq: 08 Apr 2025 13:14

Tgt Ion: 43 Resp: 109437
Ion Ratio Lower Upper
43 100
58 26.2 22.3 33.5

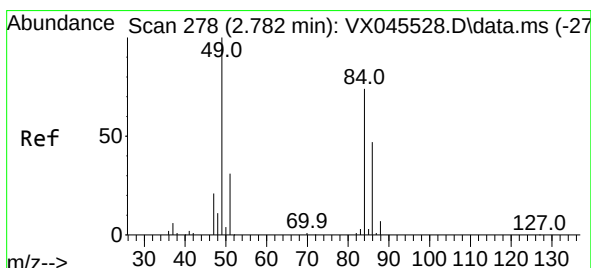
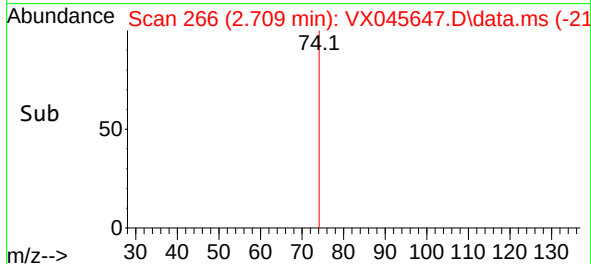
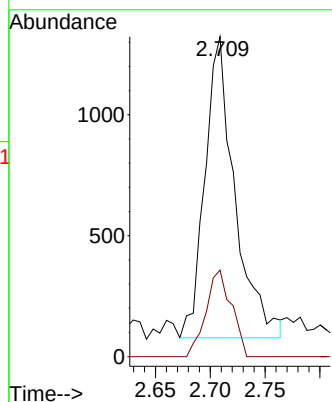
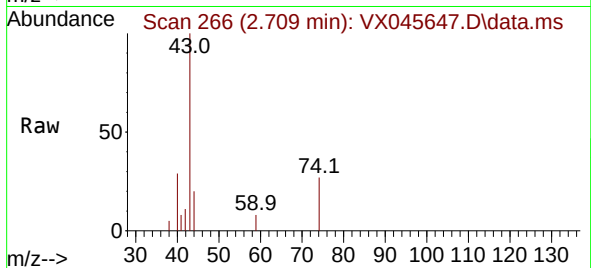




#18
Methyl Acetate
Concen: 2.076 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX045647.D
Acq: 08 Apr 2025 13:14

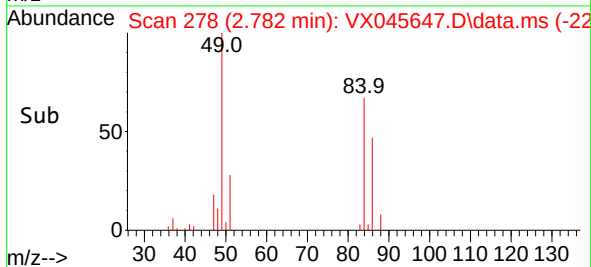
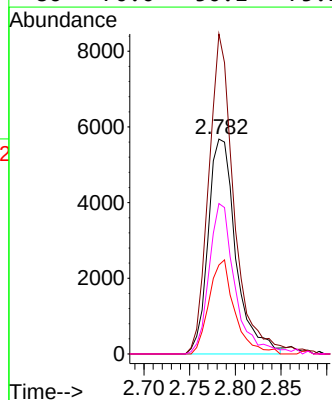
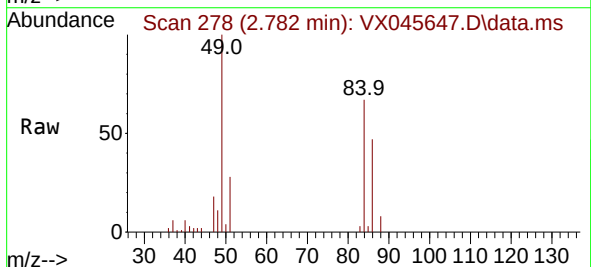
Instrument :
MSVOA_X
ClientSampleId :
PB167492ZHE05

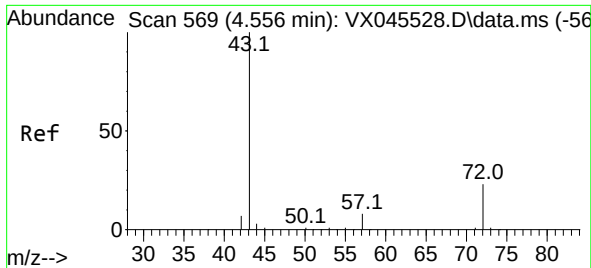
Tgt Ion: 43 Resp: 2365
Ion Ratio Lower Upper
43 100
74 24.4 17.5 26.3



#20
Methylene Chloride
Concen: 12.949 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045647.D
Acq: 08 Apr 2025 13:14

Tgt Ion: 84 Resp: 11995
Ion Ratio Lower Upper
84 100
49 148.9 107.5 161.3
51 41.4 33.0 49.6
86 70.0 50.1 75.1

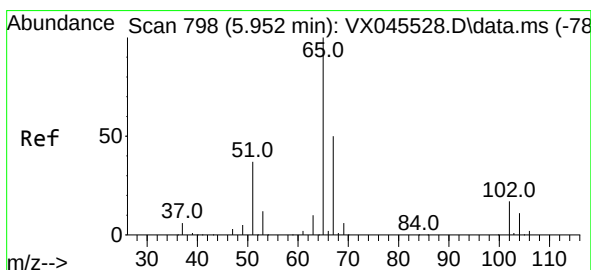
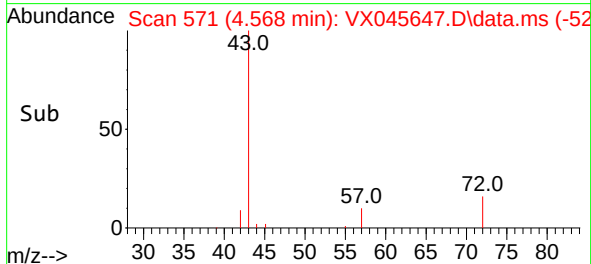
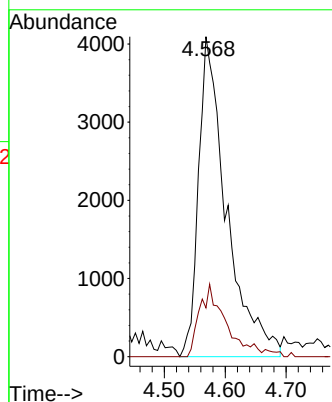
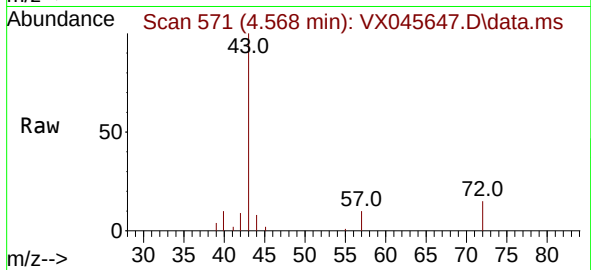




#25
2-Butanone
Concen: 17.973 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX045647.D
Acq: 08 Apr 2025 13:14

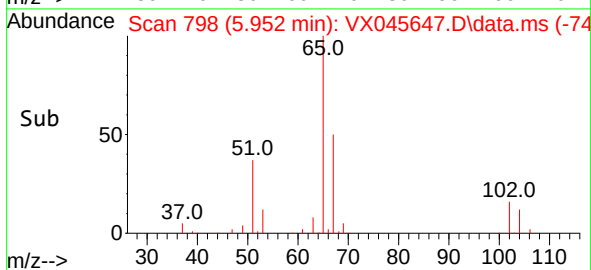
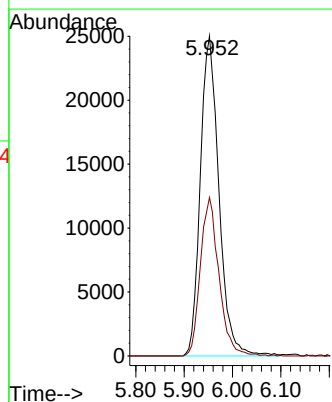
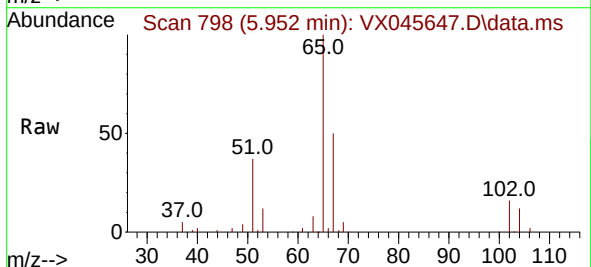
Instrument :
MSVOA_X
ClientSampleId :
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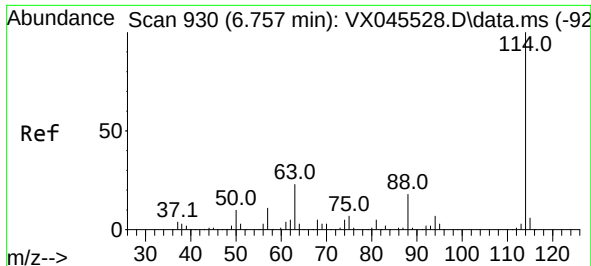
Tgt Ion: 43 Resp: 13017
Ion Ratio Lower Upper
43 100
72 15.3 18.6 28.0#



#33
1,2-Dichloroethane-d4
Concen: 55.468 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045647.D
Acq: 08 Apr 2025 13:14

Tgt Ion: 65 Resp: 66836
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.0

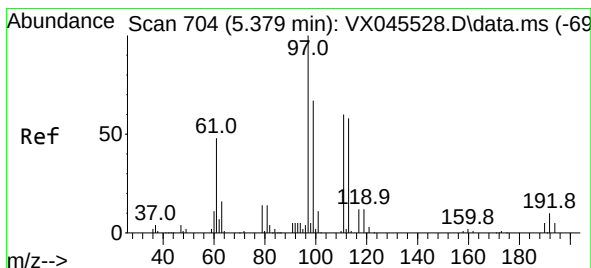
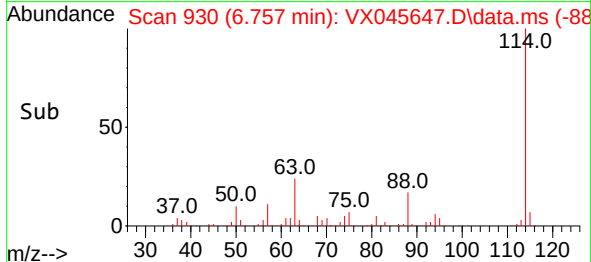
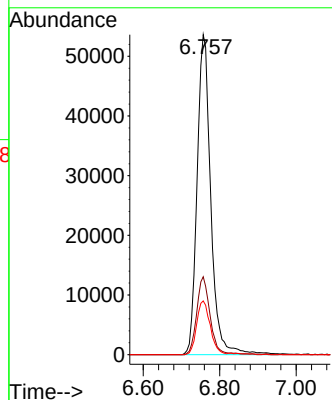
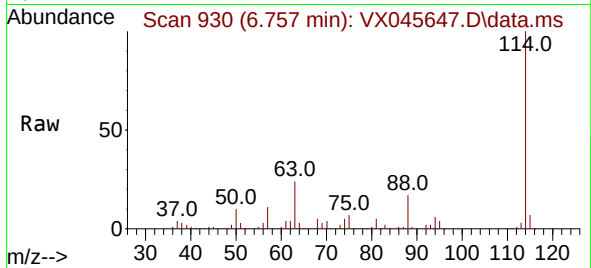




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX045647.D
 Acq: 08 Apr 2025 13:14

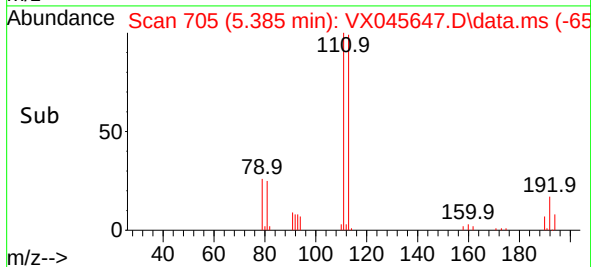
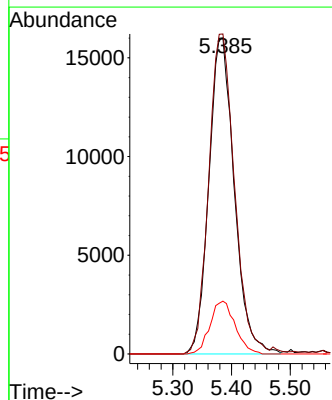
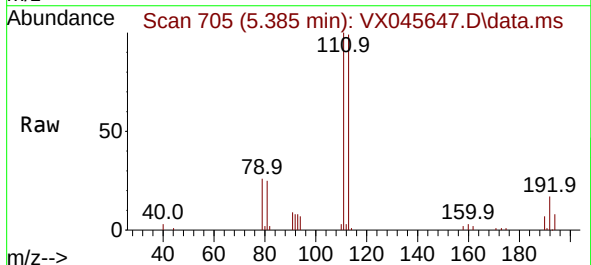
Instrument :
 MSVOA_X
 ClientSampleId :
 PB167492ZHE05

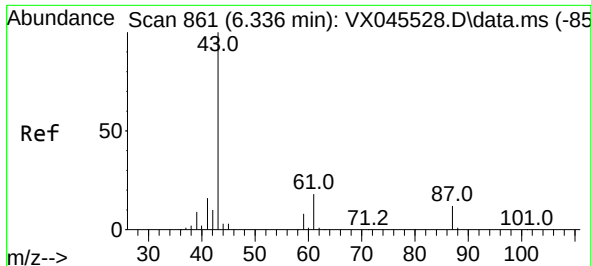
Tgt Ion:114 Resp: 133175
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 46.8
 88 16.8 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 50.866 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX045647.D
 Acq: 08 Apr 2025 13:14

Tgt Ion:113 Resp: 48062
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.8 122.6
 192 16.6 13.8 20.6

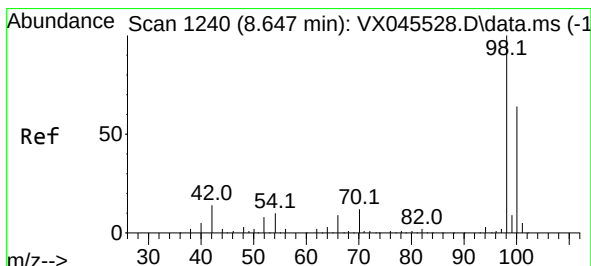
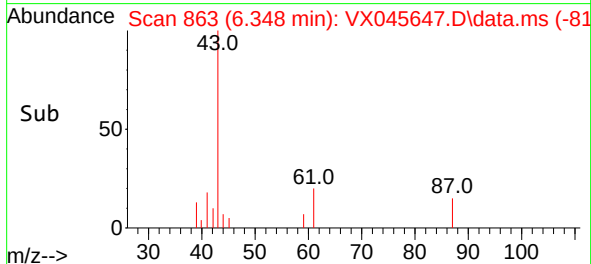
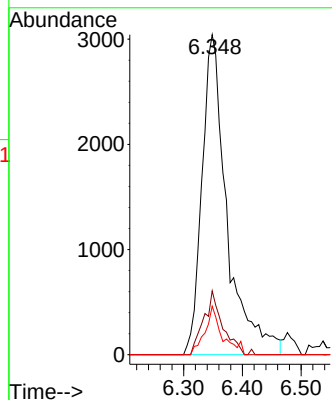
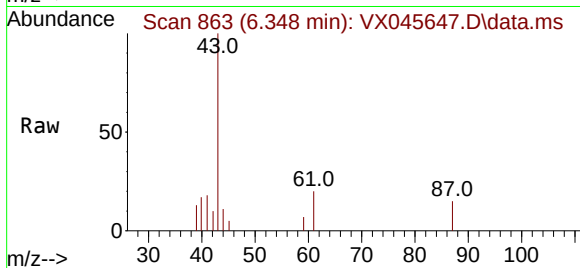




#43
Isopropyl Acetate
Concen: 3.703 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX045647.D
Acq: 08 Apr 2025 13:14

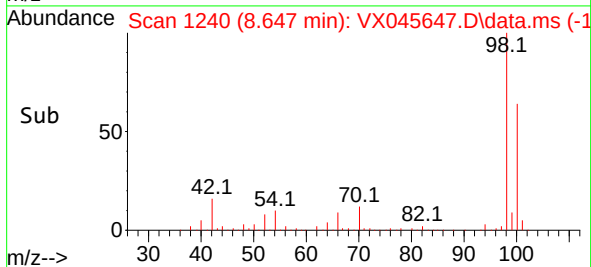
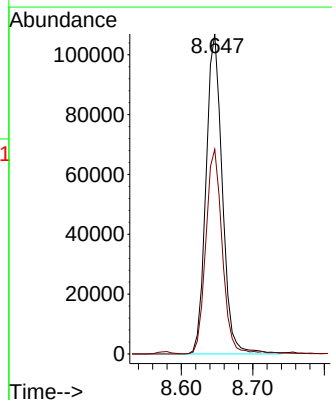
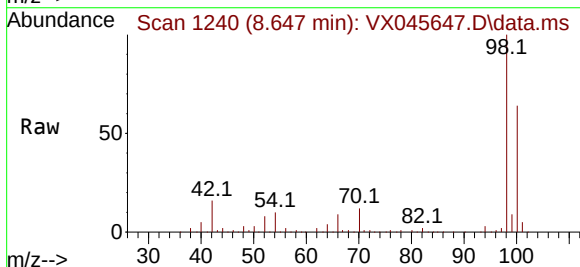
Instrument :
MSVOA_X
ClientSampleId :
PB167492ZHE05

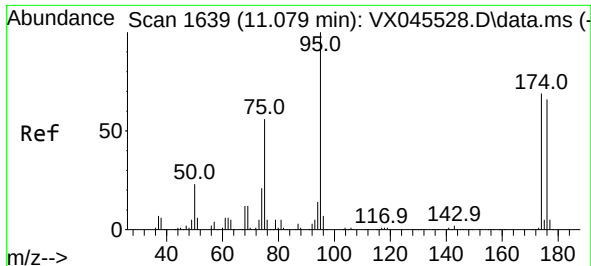
Tgt Ion: 43 Resp: 9024
Ion Ratio Lower Upper
43 100
61 15.0 14.1 21.1
87 10.4 9.2 13.8



#50
Toluene-d8
Concen: 51.334 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045647.D
Acq: 08 Apr 2025 13:14

Tgt Ion: 98 Resp: 169300
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 52.832 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045647.D

Acq: 08 Apr 2025 13:14

Instrument :

MSVOA_X

ClientSampleId :

PB167492ZHE05

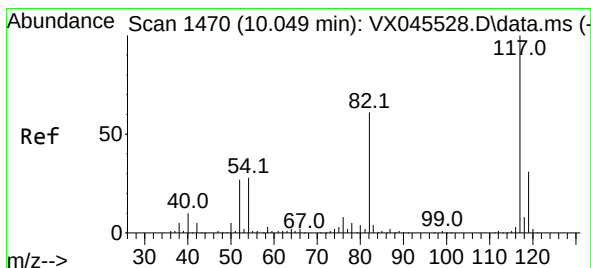
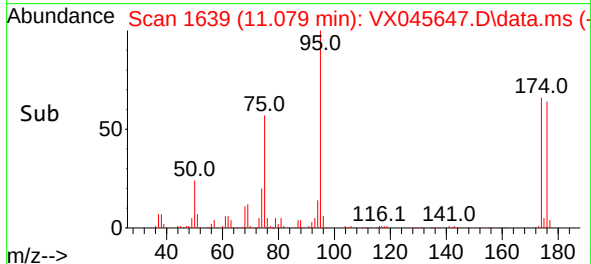
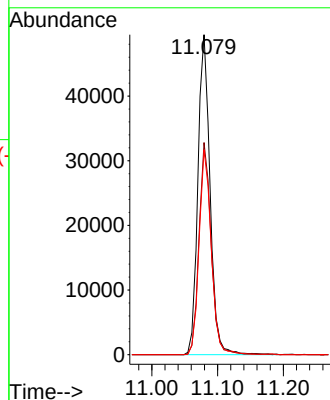
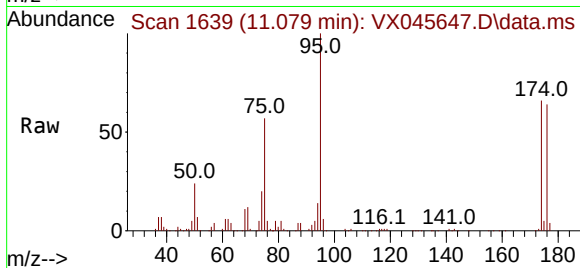
Tgt Ion: 95 Resp: 63467

Ion Ratio Lower Upper

95 100

174 66.3 0.0 135.8

176 64.3 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: VX045647.D

Acq: 08 Apr 2025 13:14

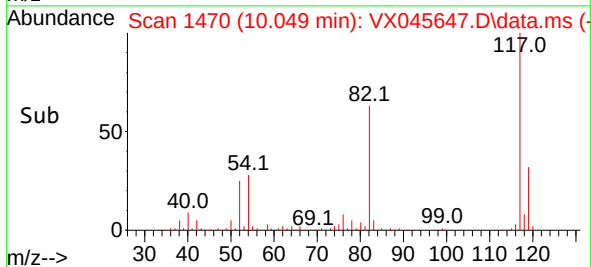
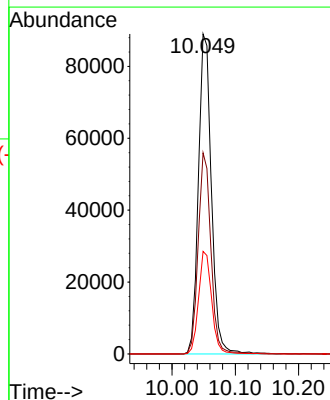
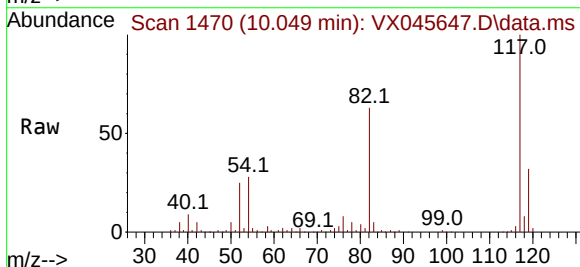
Tgt Ion: 117 Resp: 127373

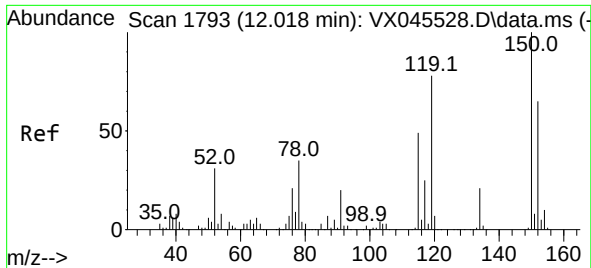
Ion Ratio Lower Upper

117 100

82 62.9 49.2 73.8

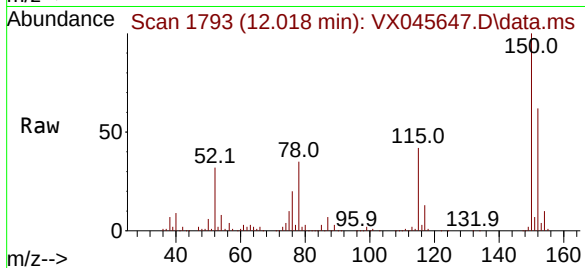
119 32.0 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045647.D
 Acq: 08 Apr 2025 13:14

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167492ZHE05



Tgt Ion:152 Resp: 51216
 Ion Ratio Lower Upper
 152 100
 115 66.6 46.9 140.7
 150 157.9 0.0 349.4

