

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031725\
 Data File : VX045304.D
 Acq On : 17 Mar 2025 14:39
 Operator : JC/MD
 Sample : PB167134ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167134ZHE#01

Quant Time: Mar 18 01:27:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

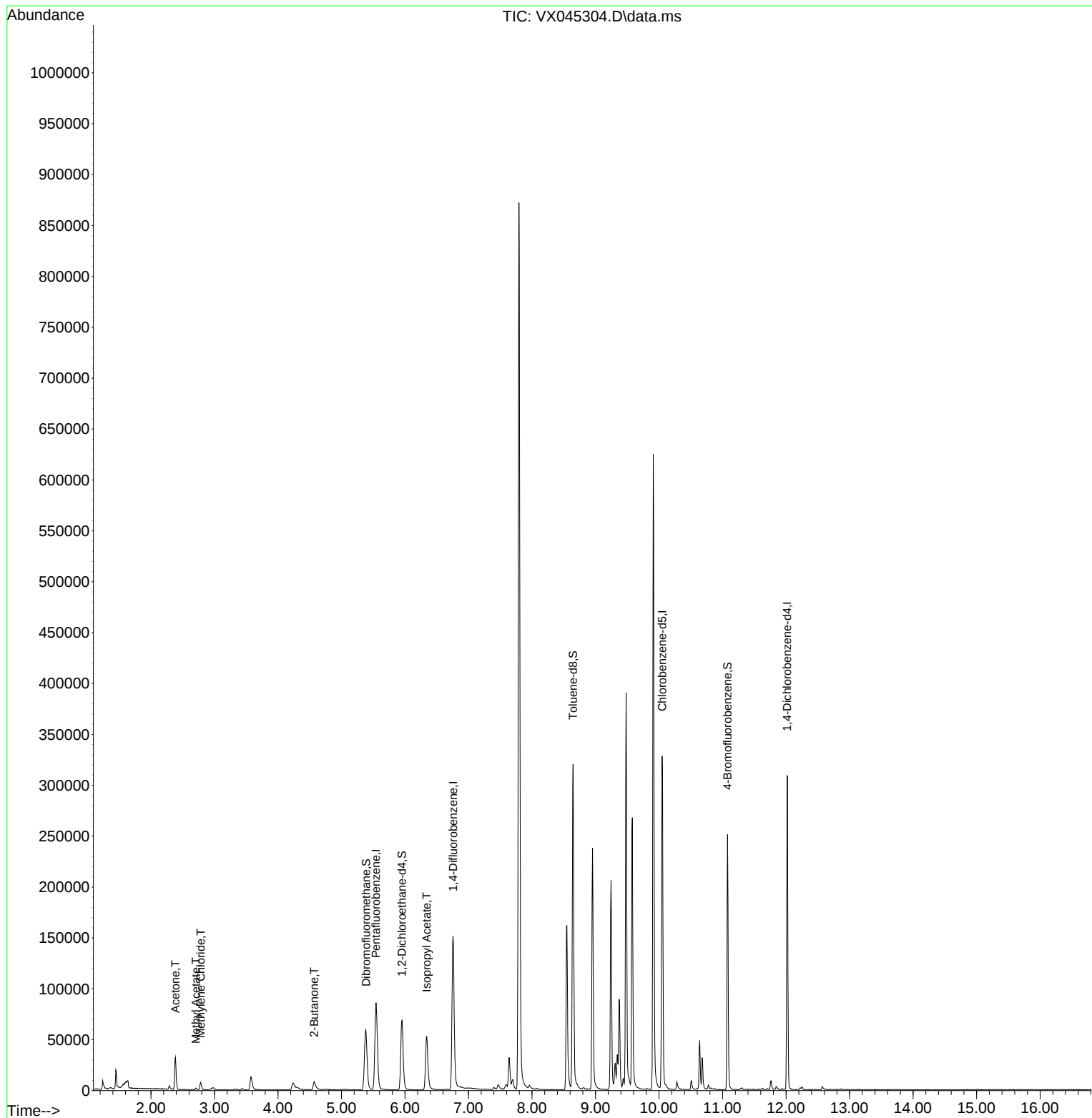
Internal Standards						
1) Pentafluorobenzene	5.544	168	77067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150010	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	137425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66462	54.216	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.440%	
35) Dibromofluoromethane	5.385	113	52344	52.183	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.360%	
50) Toluene-d8	8.647	98	191139	52.561	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.120%	
62) 4-Bromofluorobenzene	11.079	95	64556	53.572	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.140%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	33772	59.378	ug/l	100
18) Methyl Acetate	2.709	43	2476	1.810	ug/l	91
20) Methylene Chloride	2.782	84	3330	2.956	ug/l	94
25) 2-Butanone	4.568	43	16524	19.301	ug/l	94
43) Isopropyl Acetate	6.342	43	75675	28.871	ug/l	99

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

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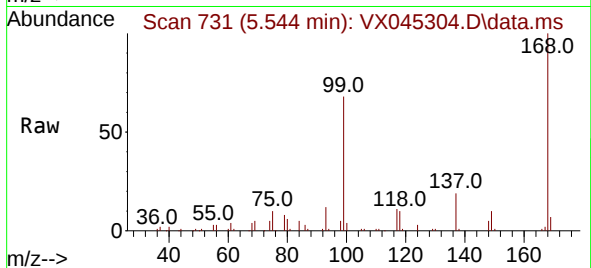
Quant Time: Mar 18 01:27:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
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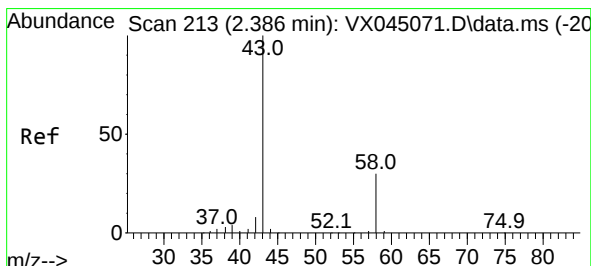
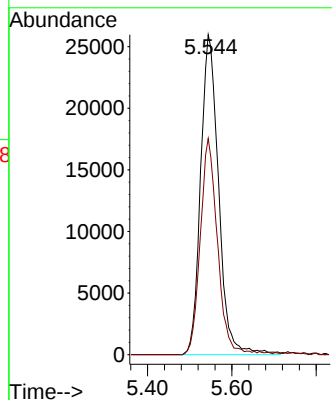
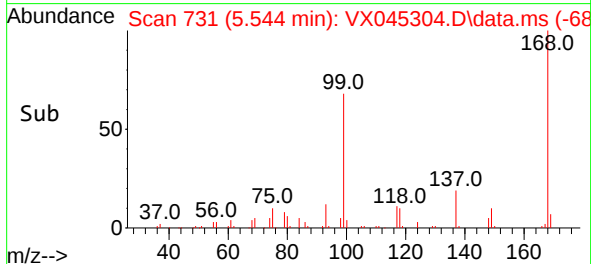


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045304.D
Acq: 17 Mar 2025 14:39

Instrument :
MSVOA_X
ClientSampleId :
PB167134ZHE#01

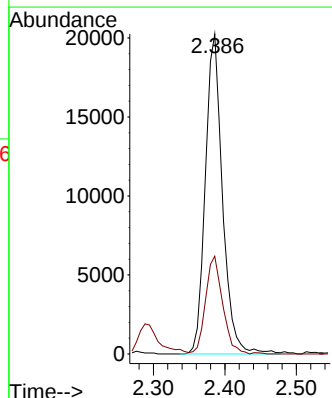
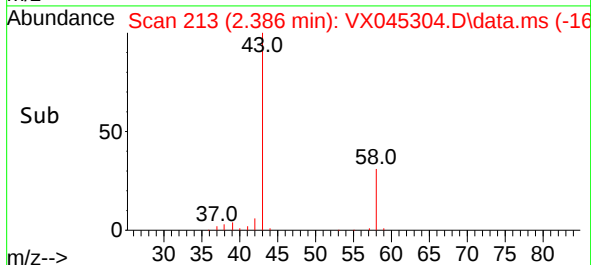
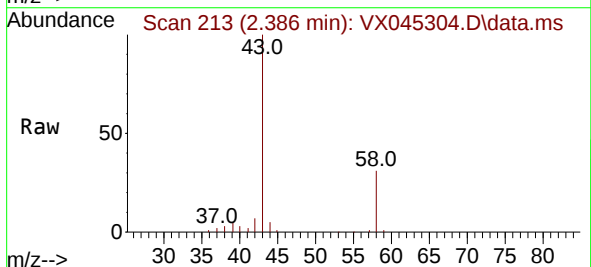


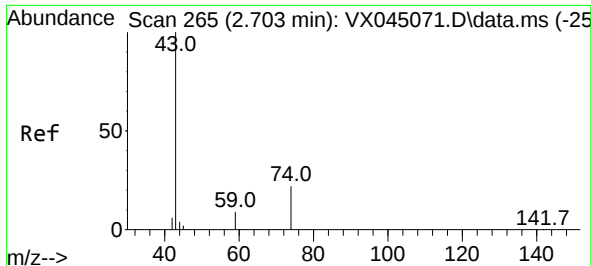
Tgt Ion:168 Resp: 77067
Ion Ratio Lower Upper
168 100
99 67.5 48.2 72.4



#16
Acetone
Concen: 59.378 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045304.D
Acq: 17 Mar 2025 14:39

Tgt Ion: 43 Resp: 33772
Ion Ratio Lower Upper
43 100
58 30.5 24.2 36.4

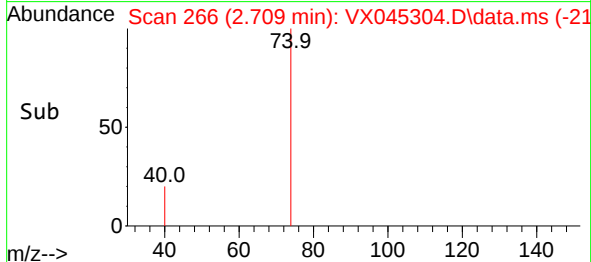
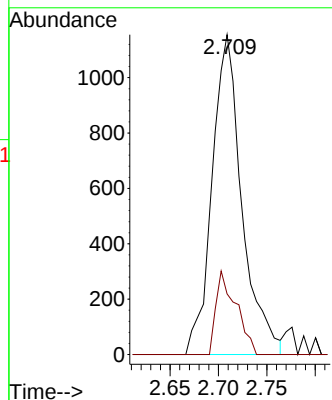
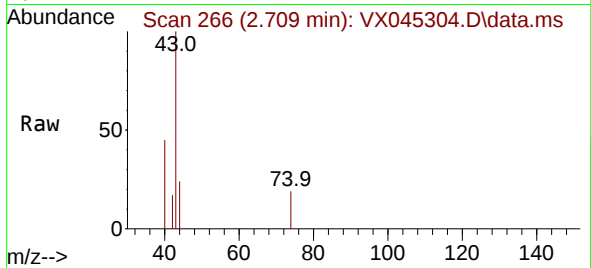




#18
Methyl Acetate
Concen: 1.810 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045304.D
Acq: 17 Mar 2025 14:39

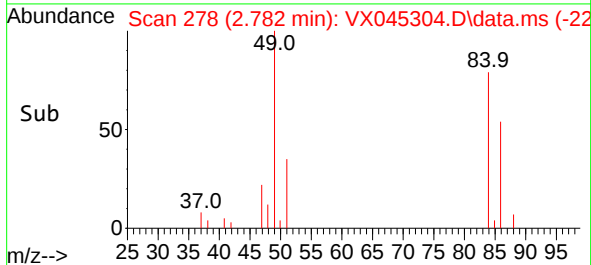
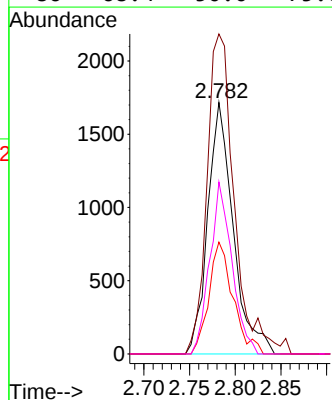
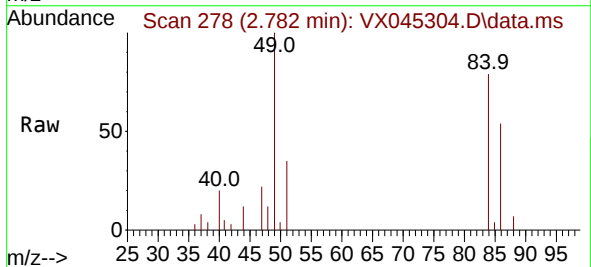
Instrument :
MSVOA_X
ClientSampleId :
PB167134ZHE#01

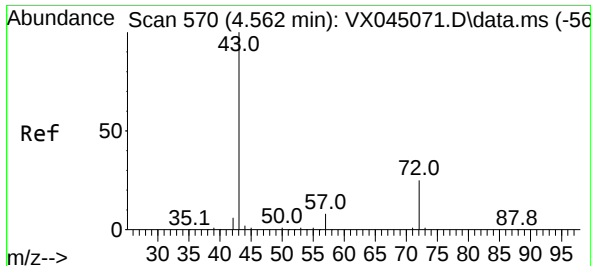
Tgt Ion: 43 Resp: 2476
Ion Ratio Lower Upper
43 100
74 17.6 17.4 26.2



#20
Methylene Chloride
Concen: 2.956 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045304.D
Acq: 17 Mar 2025 14:39

Tgt Ion: 84 Resp: 3330
Ion Ratio Lower Upper
84 100
49 127.3 106.5 159.7
51 44.4 32.1 48.1
86 68.4 50.0 75.0

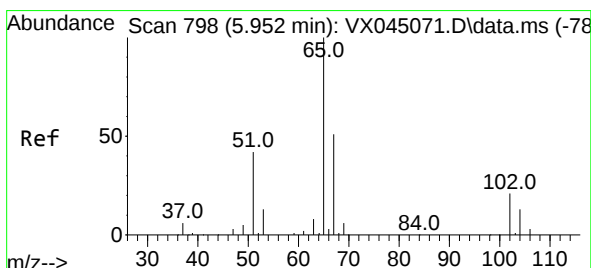
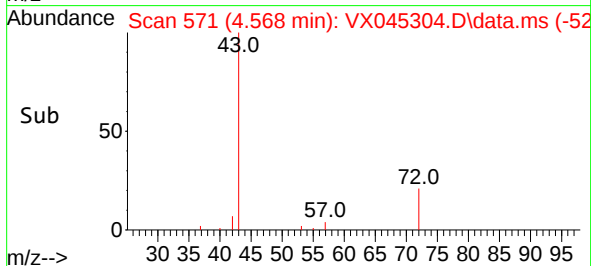
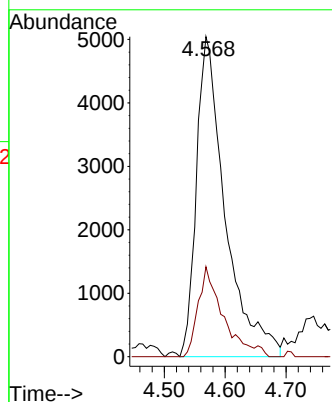
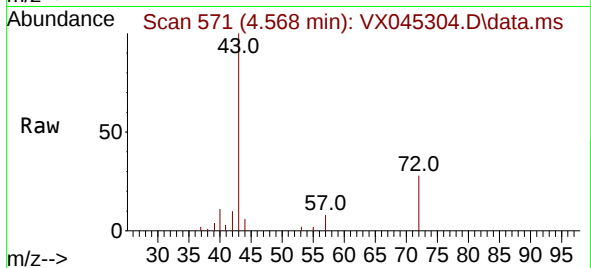




#25
2-Butanone
Concen: 19.301 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX045304.D
Acq: 17 Mar 2025 14:39

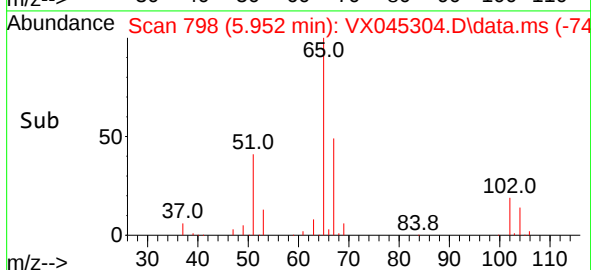
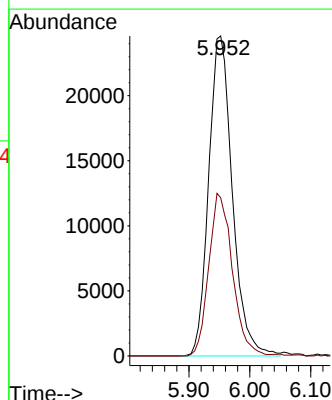
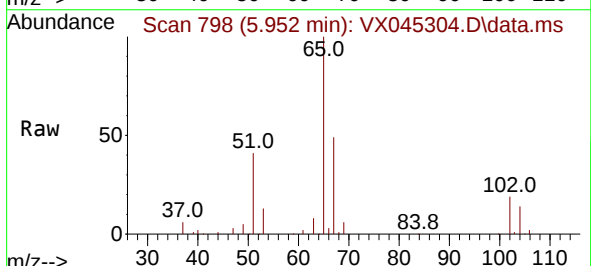
Instrument :
MSVOA_X
ClientSampleId :
PB167134ZHE#01

Tgt Ion: 43 Resp: 16524
Ion Ratio Lower Upper
43 100
72 28.1 20.0 30.0



#33
1,2-Dichloroethane-d4
Concen: 54.216 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045304.D
Acq: 17 Mar 2025 14:39

Tgt Ion: 65 Resp: 66462
Ion Ratio Lower Upper
65 100
67 50.6 0.0 106.2

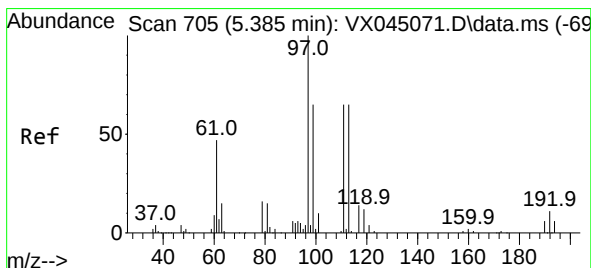
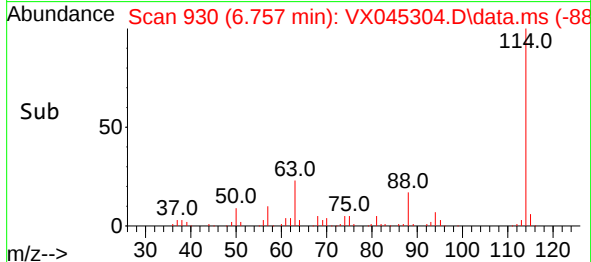
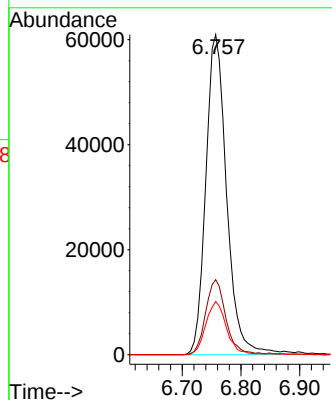
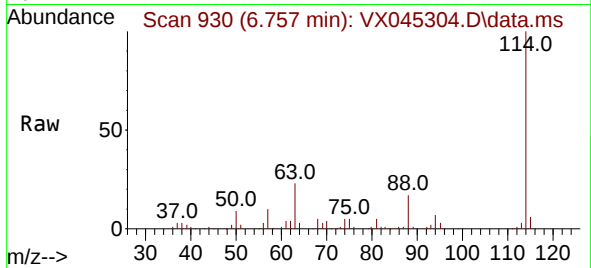




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045304.D
Acq: 17 Mar 2025 14:39

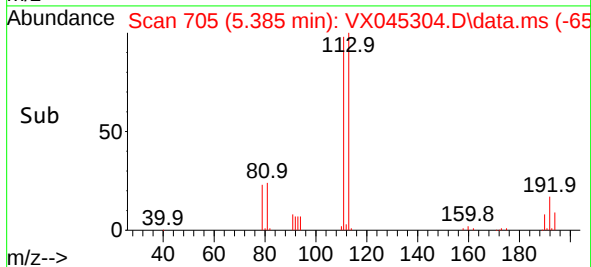
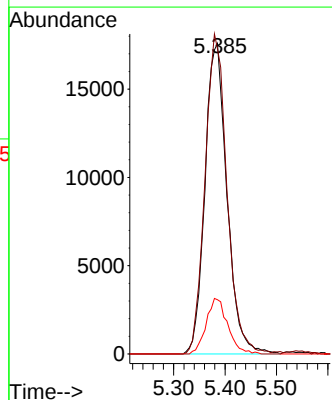
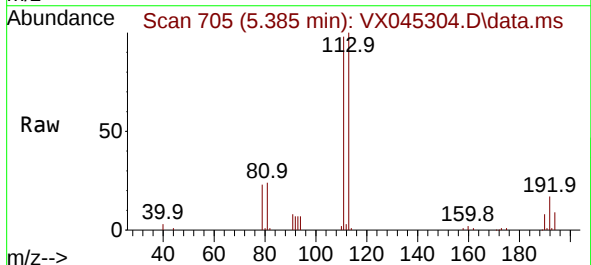
Instrument :
MSVOA_X
ClientSampleId :
PB167134ZHE#01

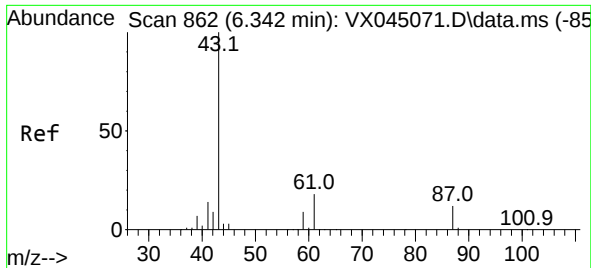
Tgt Ion:114 Resp: 150010
Ion Ratio Lower Upper
114 100
63 23.5 0.0 41.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.183 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX045304.D
Acq: 17 Mar 2025 14:39

Tgt Ion:113 Resp: 52344
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.6
192 17.5 14.3 21.5

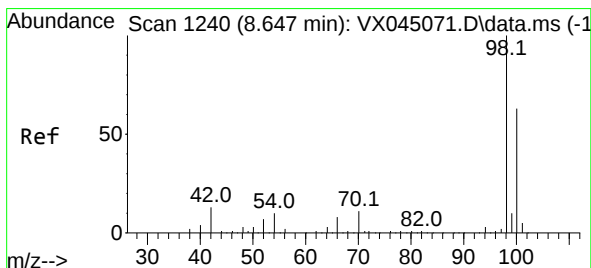
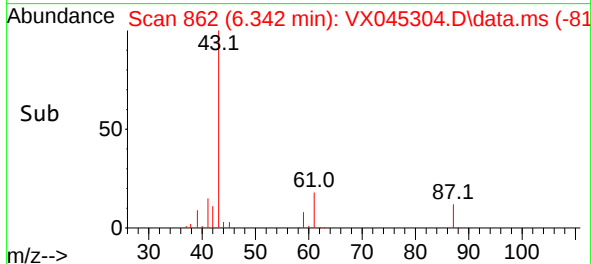
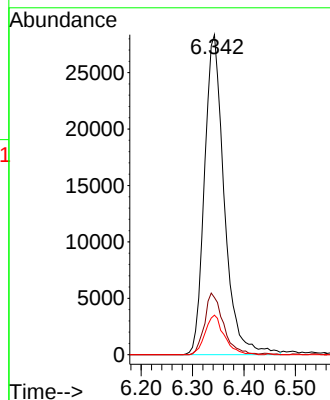
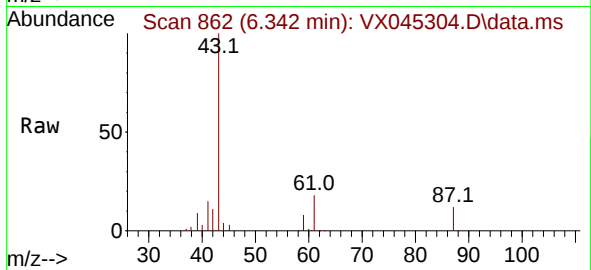




#43
Isopropyl Acetate
Concen: 28.871 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX045304.D
Acq: 17 Mar 2025 14:39

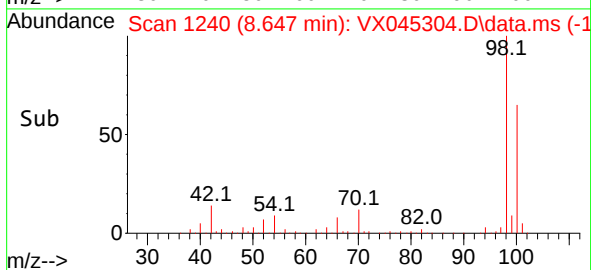
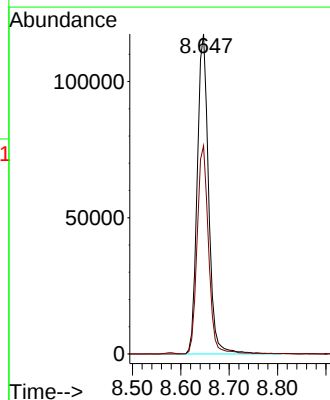
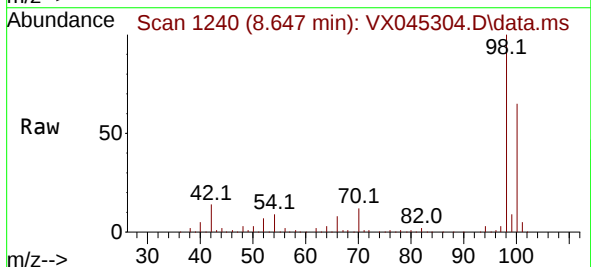
Instrument :
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ClientSampleId :
PB167134ZHE#01

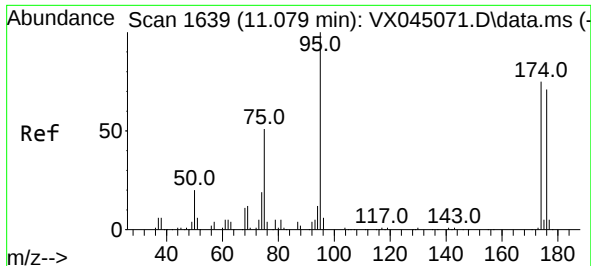
Tgt Ion: 43 Resp: 75675
Ion Ratio Lower Upper
43 100
61 18.3 14.9 22.3
87 11.9 9.4 14.2



#50
Toluene-d8
Concen: 52.561 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045304.D
Acq: 17 Mar 2025 14:39

Tgt Ion: 98 Resp: 191139
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 53.572 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045304.D

Acq: 17 Mar 2025 14:39

Instrument :

MSVOA_X

ClientSampleId :

PB167134ZHE#01

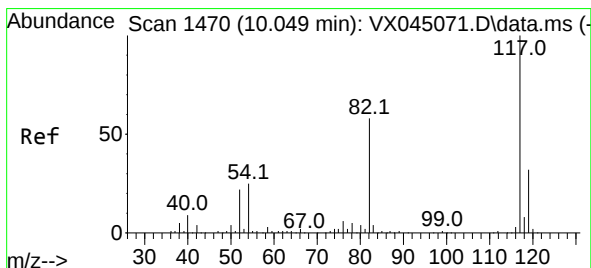
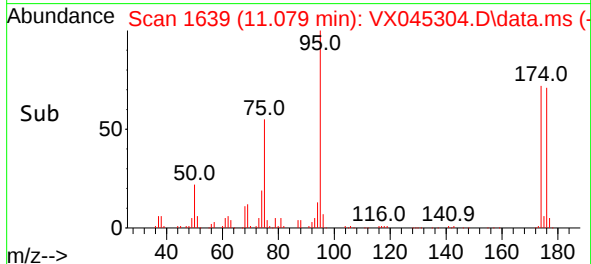
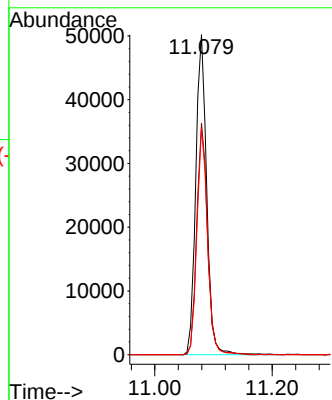
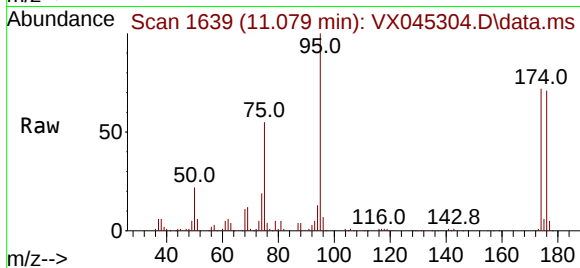
Tgt Ion: 95 Resp: 64556

Ion Ratio Lower Upper

95 100

174 71.5 0.0 148.2

176 68.7 0.0 141.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX045304.D

Acq: 17 Mar 2025 14:39

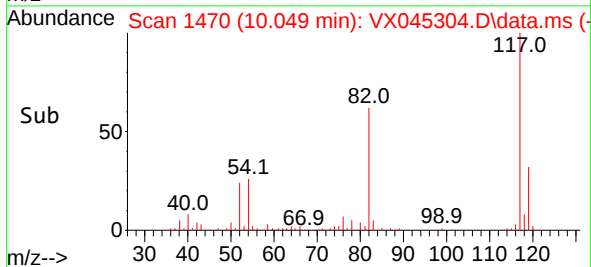
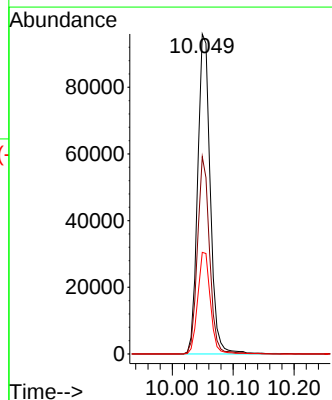
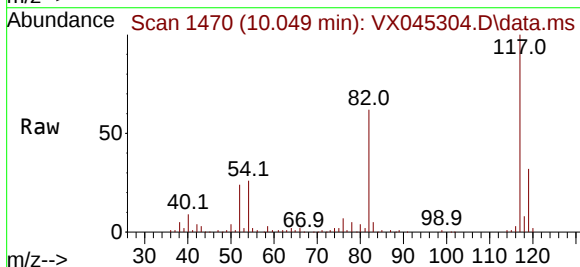
Tgt Ion: 117 Resp: 137425

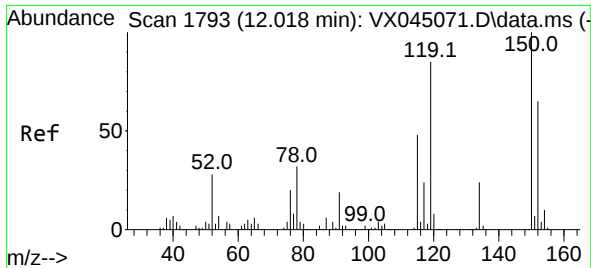
Ion Ratio Lower Upper

117 100

82 61.7 46.3 69.5

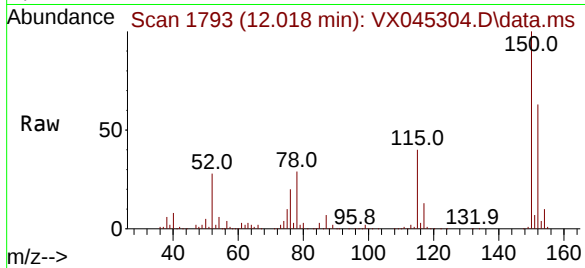
119 31.8 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045304.D
 Acq: 17 Mar 2025 14:39

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167134ZHE#01



Tgt Ion:152 Resp: 55988
 Ion Ratio Lower Upper
 152 100
 115 61.5 44.2 132.6
 150 158.3 0.0 349.0

