

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031725\
 Data File : VX045306.D
 Acq On : 17 Mar 2025 15:25
 Operator : JC/MD
 Sample : PB167134ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167134ZHE#03

Quant Time: Mar 18 01:28:38 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)

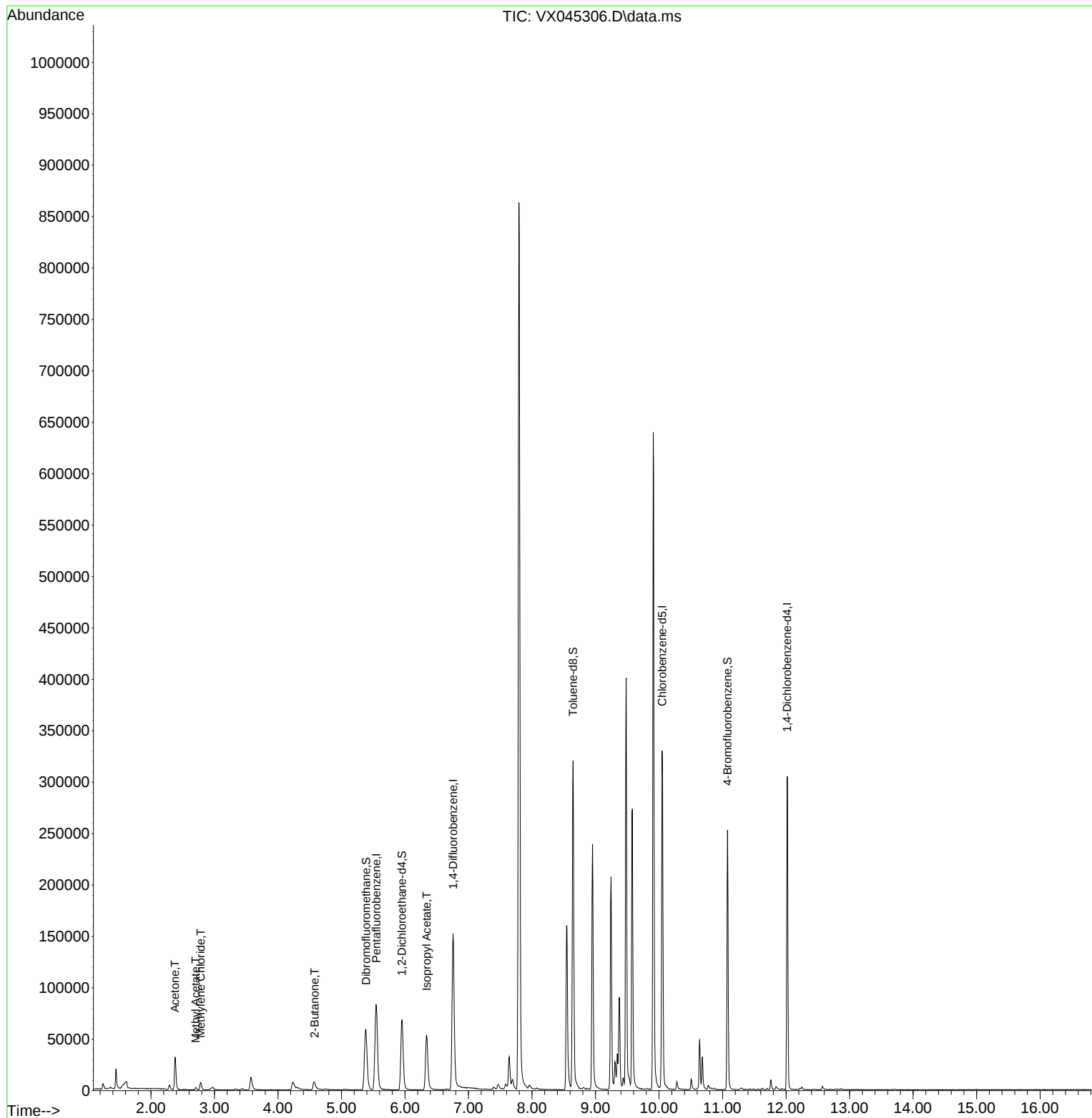
Internal Standards						
1) Pentafluorobenzene	5.550	168	75824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	148947	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	138042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66442	55.089	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.180%	
35) Dibromofluoromethane	5.385	113	52563	52.776	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.560%	
50) Toluene-d8	8.647	98	188568	52.224	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.440%	
62) 4-Bromofluorobenzene	11.079	95	64396	53.821	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.640%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	34573	61.783	ug/l	99
18) Methyl Acetate	2.703	43	2848	2.116	ug/l	94
20) Methylene Chloride	2.782	84	3300	2.977	ug/l	96
25) 2-Butanone	4.574	43	16544	19.641	ug/l	99
43) Isopropyl Acetate	6.342	43	78229	30.059	ug/l	98

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

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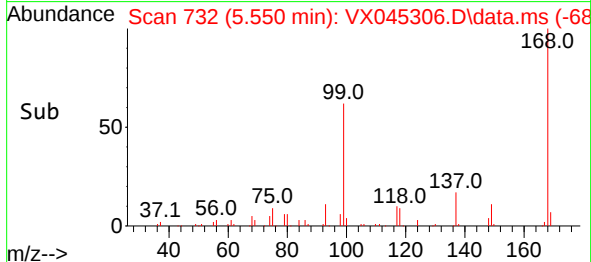
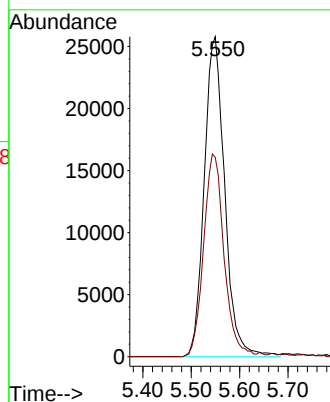
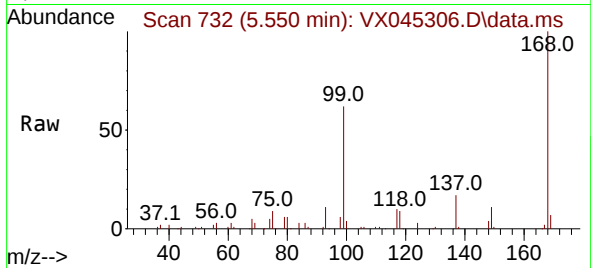




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045306.D
Acq: 17 Mar 2025 15:25

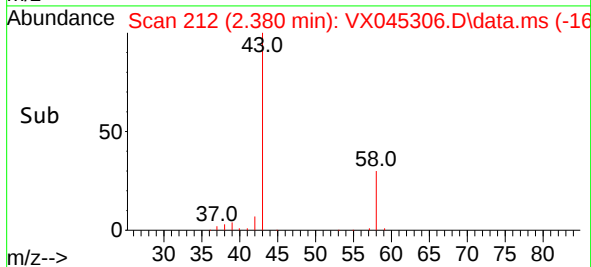
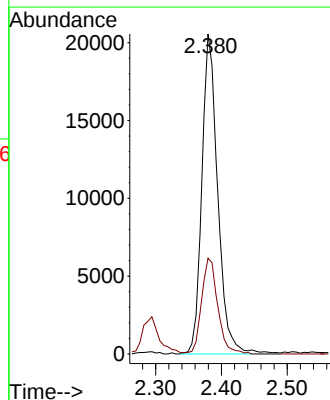
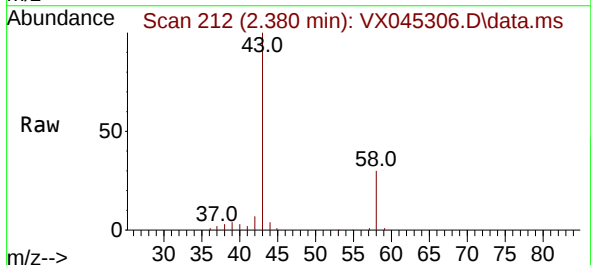
Instrument :
MSVOA_X
ClientSampleId :
PB167134ZHE#03

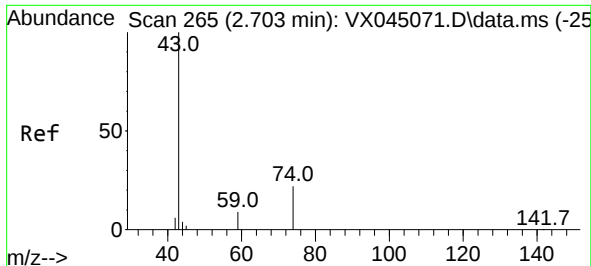
Tgt Ion:168 Resp: 75824
Ion Ratio Lower Upper
168 100
99 62.3 48.2 72.4



#16
Acetone
Concen: 61.783 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045306.D
Acq: 17 Mar 2025 15:25

Tgt Ion: 43 Resp: 34573
Ion Ratio Lower Upper
43 100
58 30.0 24.2 36.4

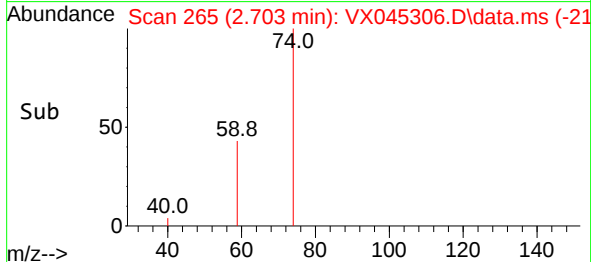
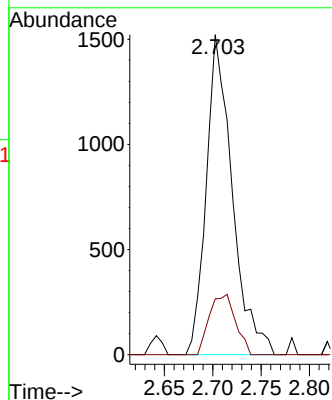
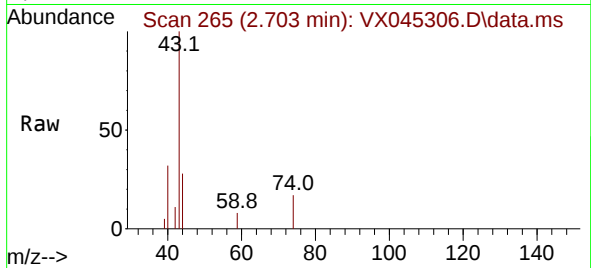




#18
Methyl Acetate
Concen: 2.116 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045306.D
Acq: 17 Mar 2025 15:25

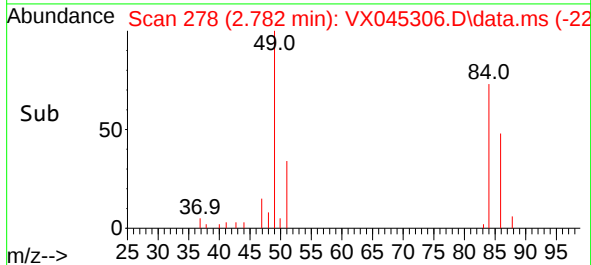
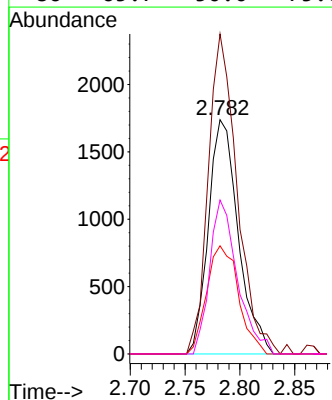
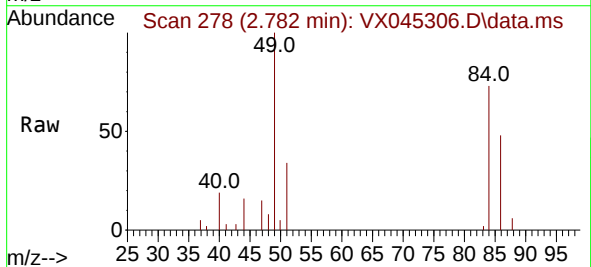
Instrument :
MSVOA_X
ClientSampleId :
PB167134ZHE#03

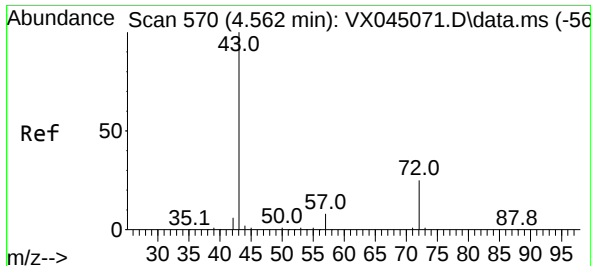
Tgt Ion: 43 Resp: 2848
Ion Ratio Lower Upper
43 100
74 18.9 17.4 26.2



#20
Methylene Chloride
Concen: 2.977 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045306.D
Acq: 17 Mar 2025 15:25

Tgt Ion: 84 Resp: 3300
Ion Ratio Lower Upper
84 100
49 136.6 106.5 159.7
51 46.2 32.1 48.1
86 65.7 50.0 75.0

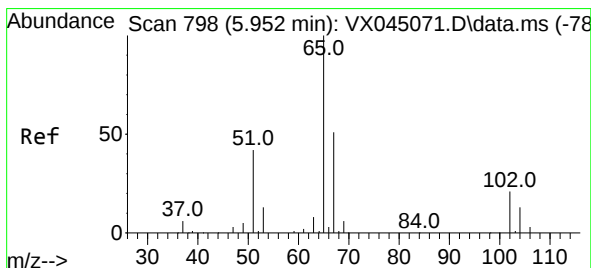
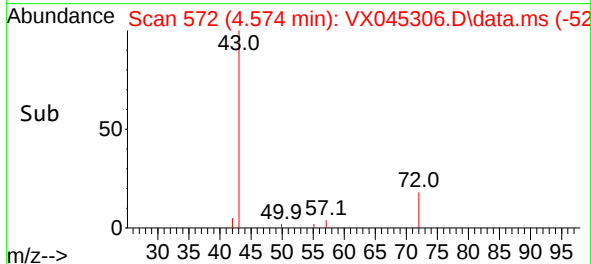
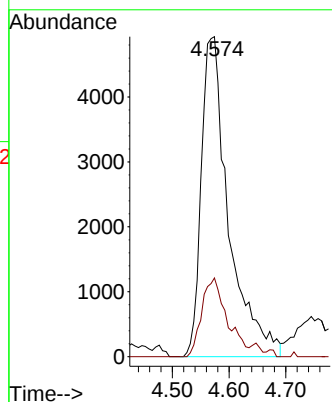
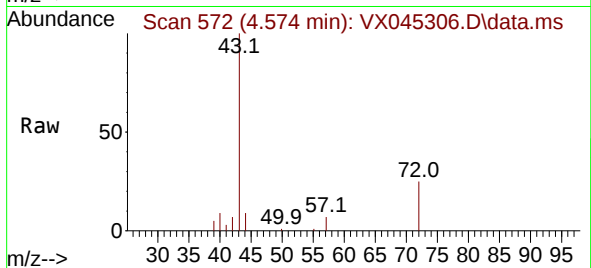




#25
2-Butanone
Concen: 19.641 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX045306.D
Acq: 17 Mar 2025 15:25

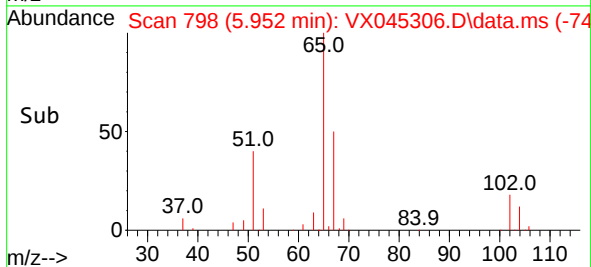
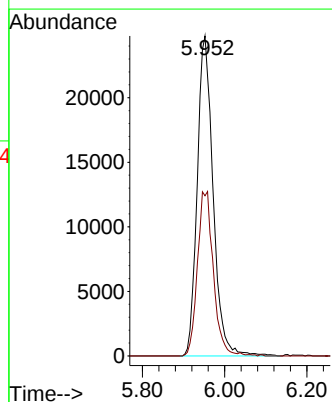
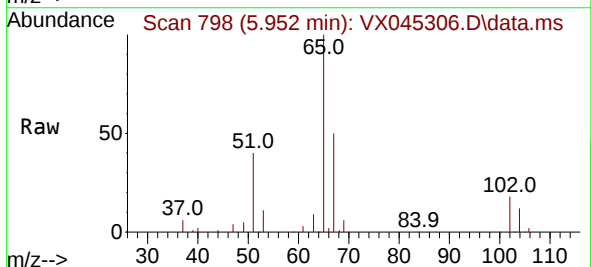
Instrument :
MSVOA_X
ClientSampleId :
PB167134ZHE#03

Tgt Ion: 43 Resp: 16544
Ion Ratio Lower Upper
43 100
72 24.6 20.0 30.0



#33
1,2-Dichloroethane-d4
Concen: 55.089 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045306.D
Acq: 17 Mar 2025 15:25

Tgt Ion: 65 Resp: 66442
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.2

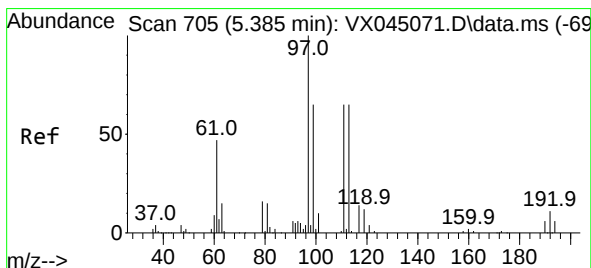
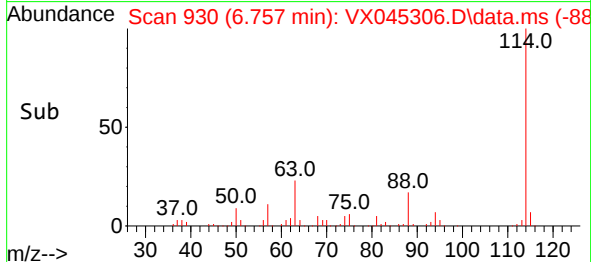
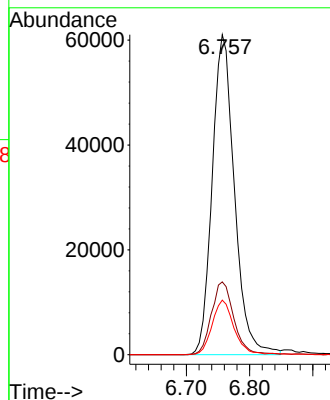
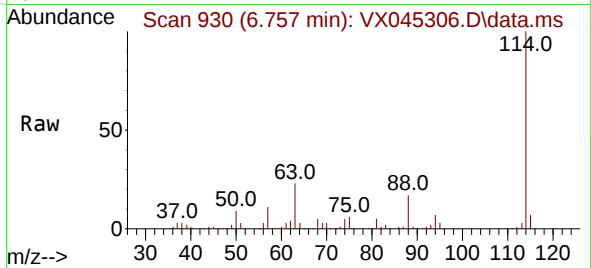




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045306.D
Acq: 17 Mar 2025 15:25

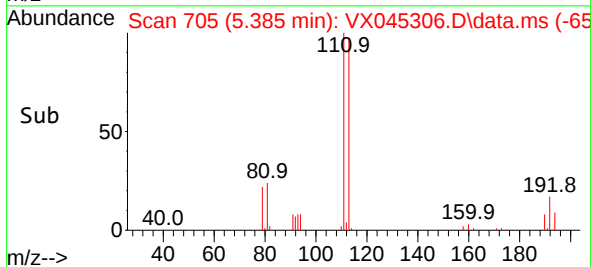
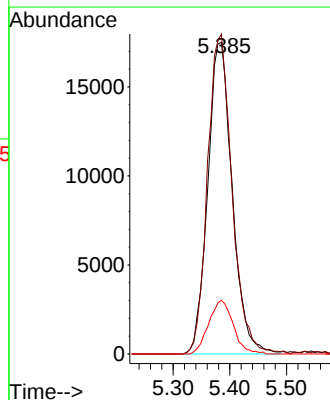
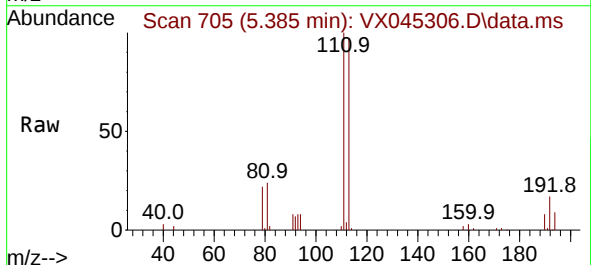
Instrument :
MSVOA_X
ClientSampleId :
PB167134ZHE#03

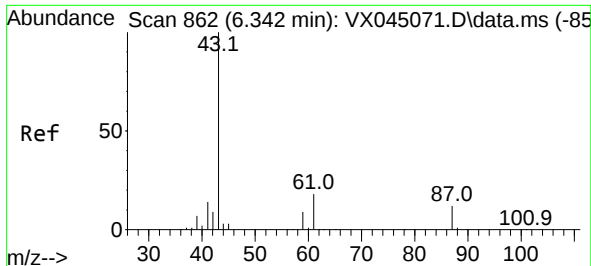
Tgt Ion:114 Resp: 148947
Ion Ratio Lower Upper
114 100
63 22.7 0.0 41.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.776 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045306.D
Acq: 17 Mar 2025 15:25

Tgt Ion:113 Resp: 52563
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.6
192 17.2 14.3 21.5

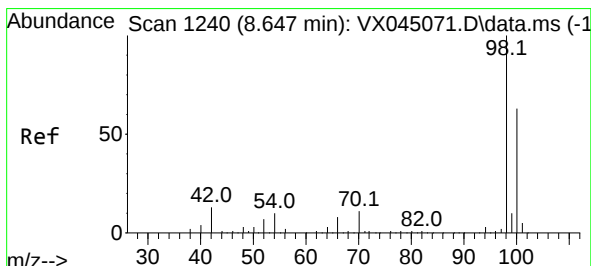
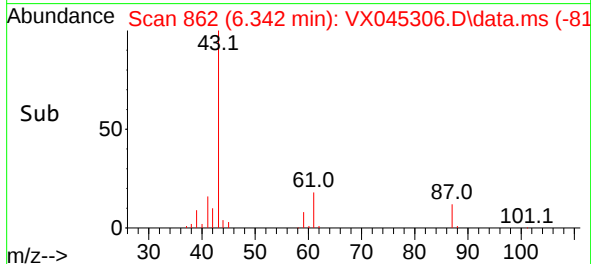
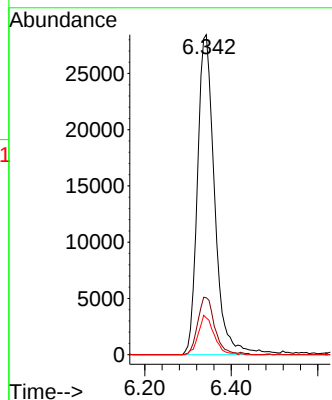
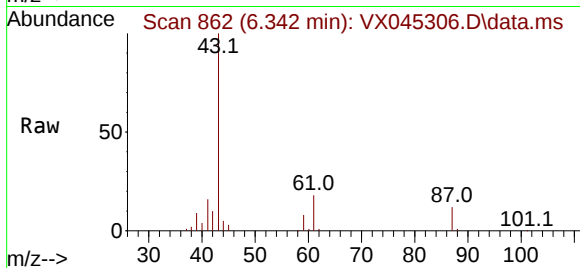




#43
Isopropyl Acetate
Concen: 30.059 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX045306.D
Acq: 17 Mar 2025 15:25

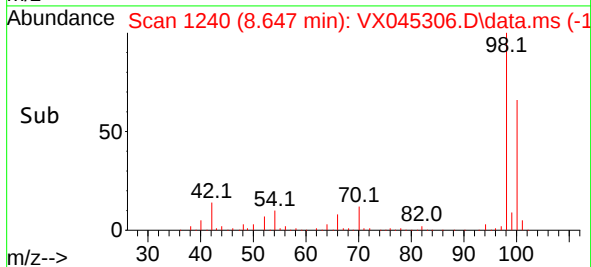
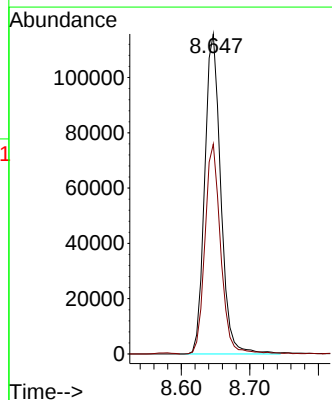
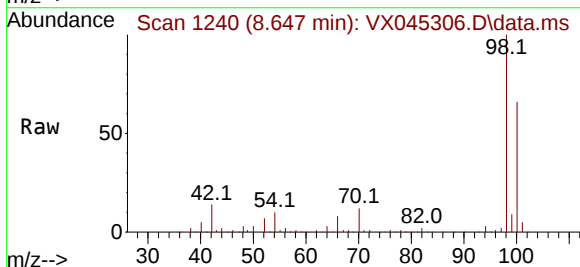
Instrument :
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ClientSampleId :
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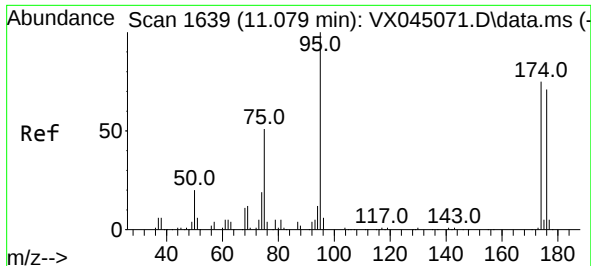
Tgt Ion:	43	Resp:	78229
Ion	Ratio	Lower	Upper
43	100		
61	17.7	14.9	22.3
87	11.3	9.4	14.2



#50
Toluene-d8
Concen: 52.224 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045306.D
Acq: 17 Mar 2025 15:25

Tgt Ion:	98	Resp:	188568
Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.0	78.0





#62

4-Bromofluorobenzene

Concen: 53.821 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045306.D

Acq: 17 Mar 2025 15:25

Instrument :

MSVOA_X

ClientSampleId :

PB167134ZHE#03

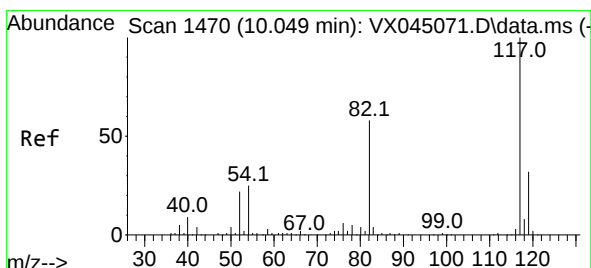
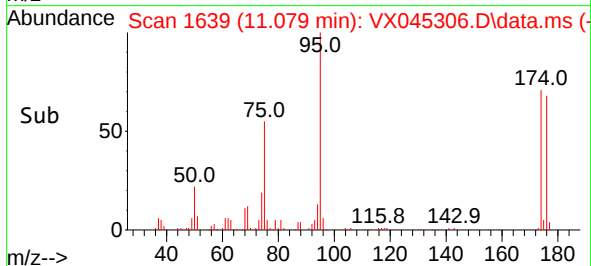
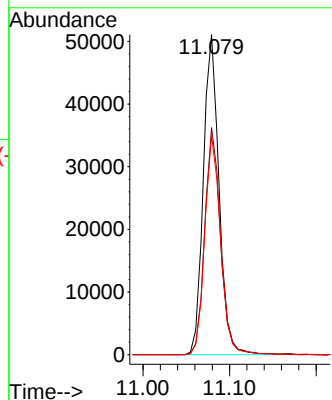
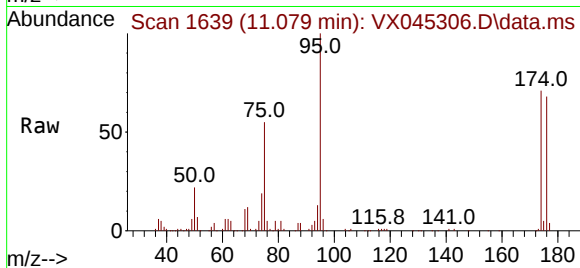
Tgt Ion: 95 Resp: 64396

Ion Ratio Lower Upper

95 100

174 71.3 0.0 148.2

176 69.1 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: VX045306.D

Acq: 17 Mar 2025 15:25

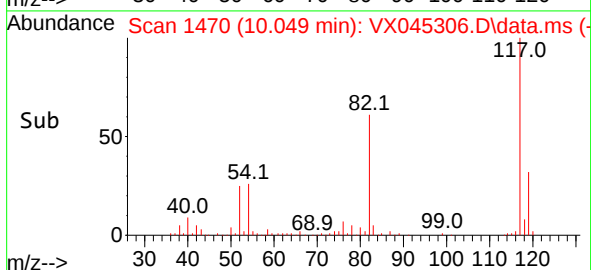
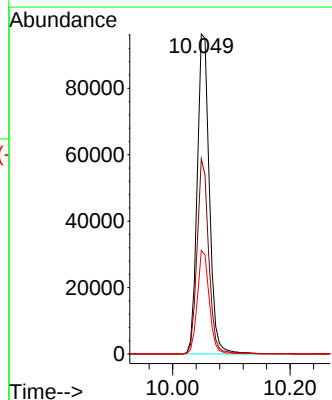
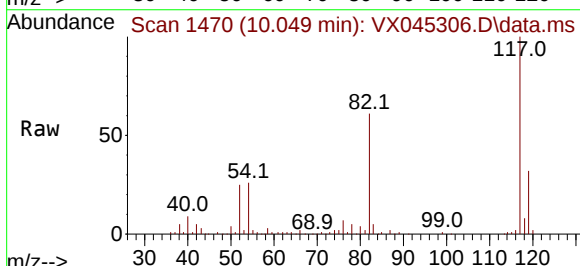
Tgt Ion: 117 Resp: 138042

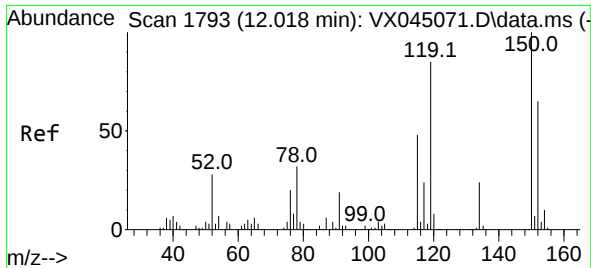
Ion Ratio Lower Upper

117 100

82 61.0 46.3 69.5

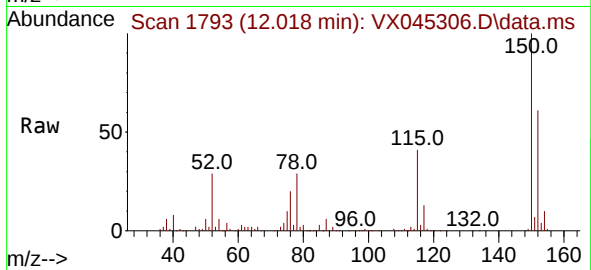
119 32.3 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045306.D
 Acq: 17 Mar 2025 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167134ZHE#03



Tgt Ion:152 Resp: 55646
 Ion Ratio Lower Upper
 152 100
 115 63.0 44.2 132.6
 150 160.7 0.0 349.0

