

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100924\
 Data File : VX043335.D
 Acq On : 09 Oct 2024 13:36
 Operator : JC/MD
 Sample : PB163972ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB163972ZHE#04

Quant Time: Oct 10 01:30:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

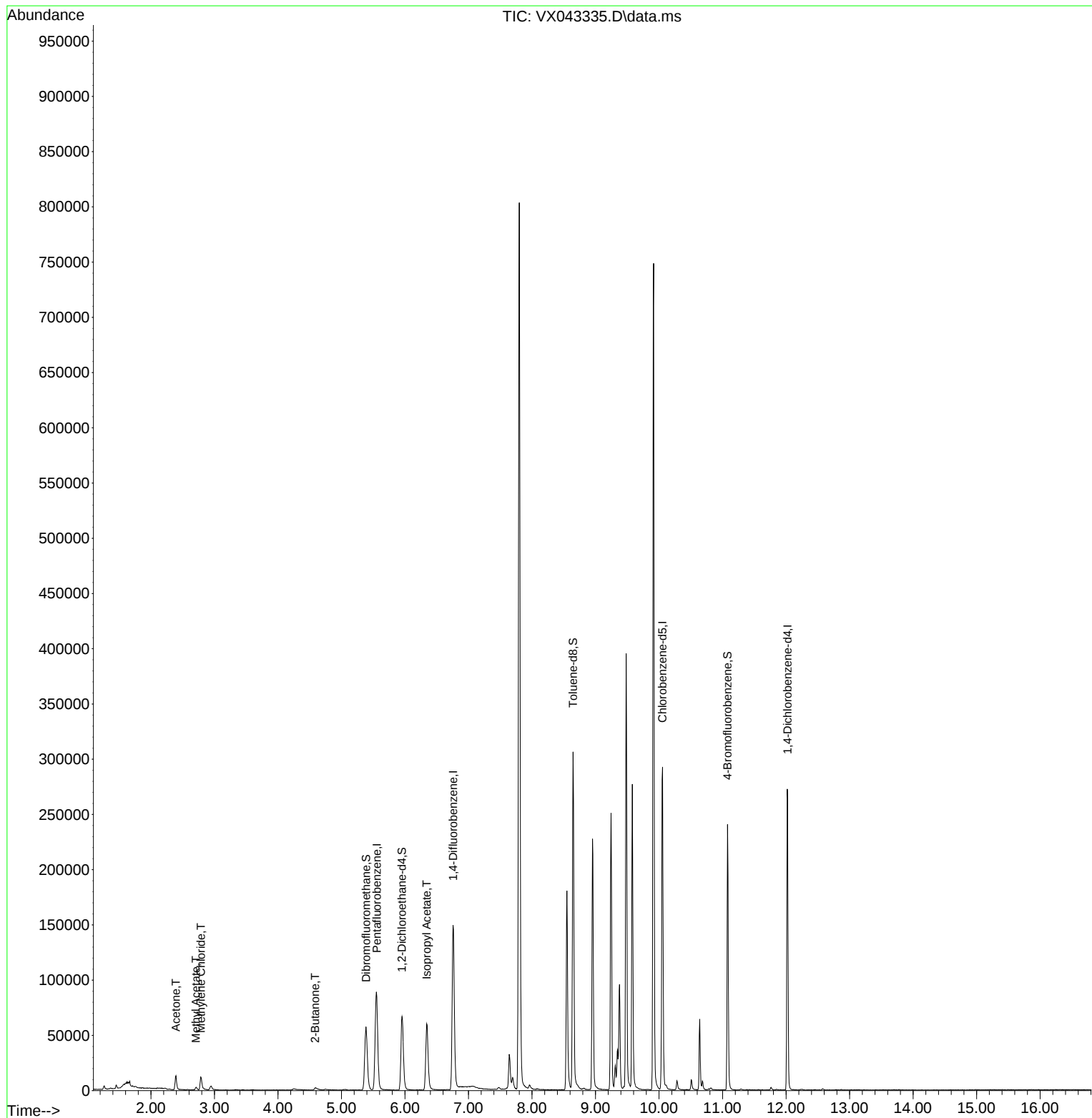
Internal Standards						
1) Pentafluorobenzene	5.556	168	79857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	152726	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69659	53.412	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.820%	
35) Dibromofluoromethane	5.385	113	49548	47.043	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.080%	
50) Toluene-d8	8.647	98	178970	49.033	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.060%	
62) 4-Bromofluorobenzene	11.079	95	62230	46.930	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 93.860%	
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	15484	28.430	ug/l	93
18) Methyl Acetate	2.709	43	3413	2.498	ug/l	96
20) Methylene Chloride	2.788	84	6374	6.347	ug/l	97
25) 2-Butanone	4.587	43	4477	5.995	ug/l	95
43) Isopropyl Acetate	6.342	43	86228	32.671	ug/l	99

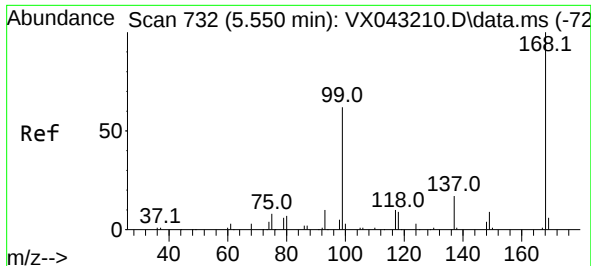
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration

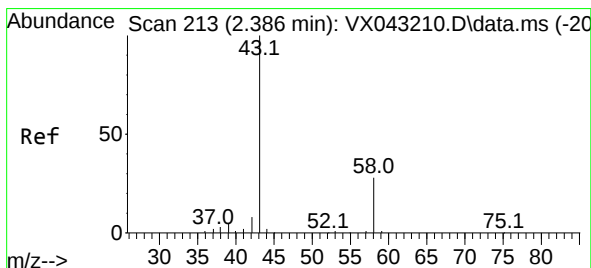
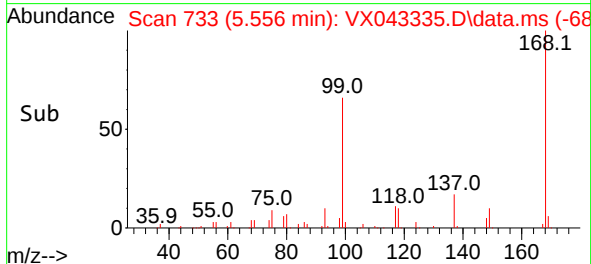
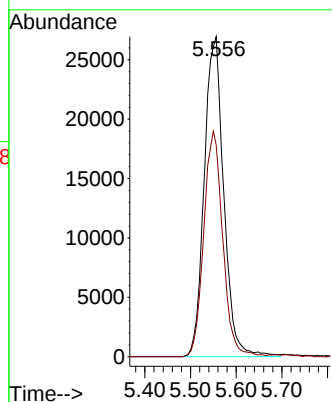
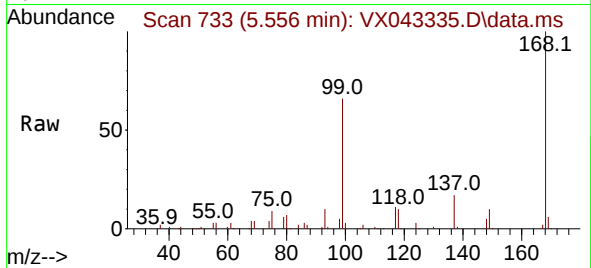




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX043335.D
Acq: 09 Oct 2024 13:36

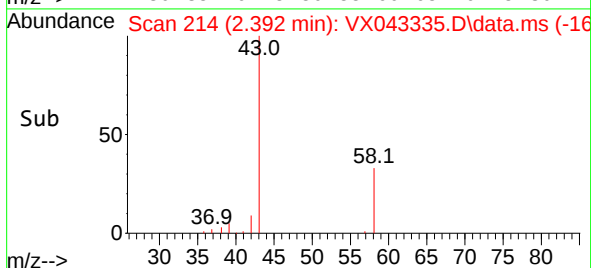
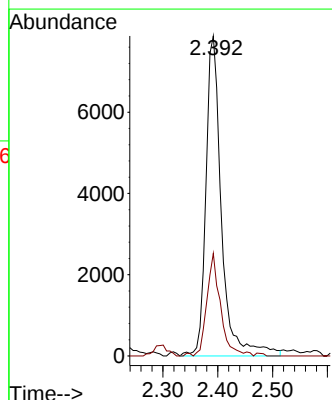
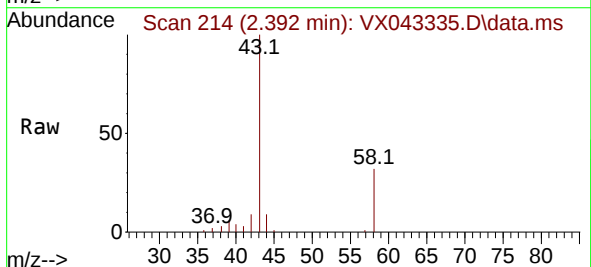
Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#04

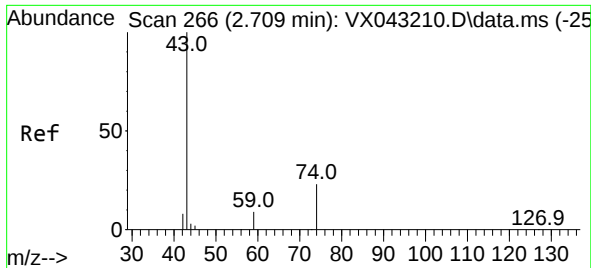
Tgt Ion:168 Resp: 79857
Ion Ratio Lower Upper
168 100
99 66.2 49.7 74.5



#16
Acetone
Concen: 28.430 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX043335.D
Acq: 09 Oct 2024 13:36

Tgt Ion: 43 Resp: 15484
Ion Ratio Lower Upper
43 100
58 32.1 22.6 33.8

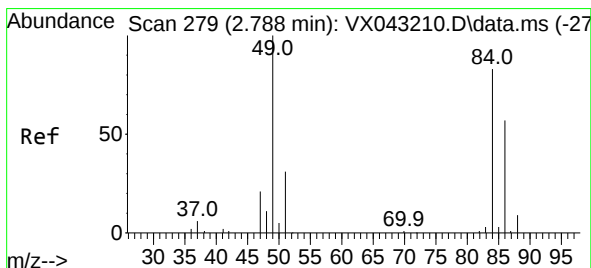
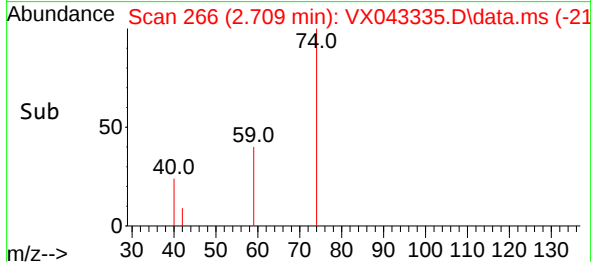
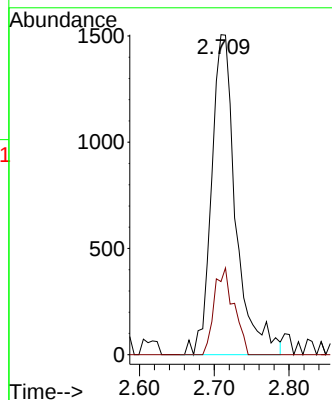
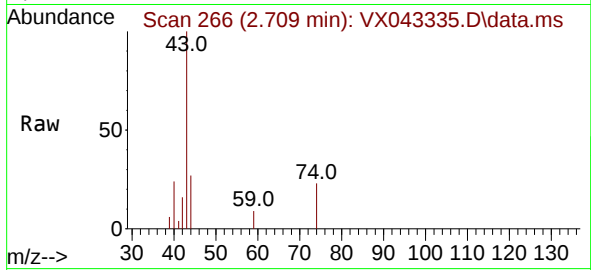




#18
Methyl Acetate
Concen: 2.498 ug/l
RT: 2.709 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX043335.D
Acq: 09 Oct 2024 13:36

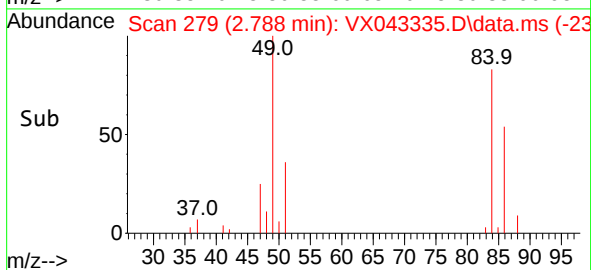
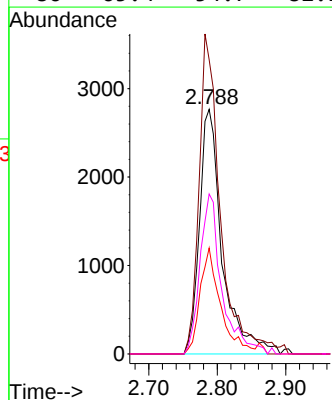
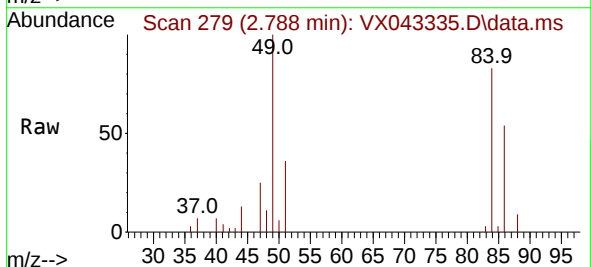
Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#04

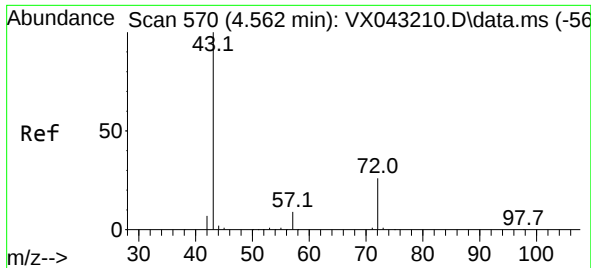
Tgt Ion: 43 Resp: 3413
Ion Ratio Lower Upper
43 100
74 21.9 19.1 28.7



#20
Methylene Chloride
Concen: 6.347 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX043335.D
Acq: 09 Oct 2024 13:36

Tgt Ion: 84 Resp: 6374
Ion Ratio Lower Upper
84 100
49 120.3 96.7 145.1
51 43.3 30.4 45.6
86 65.4 54.7 82.1

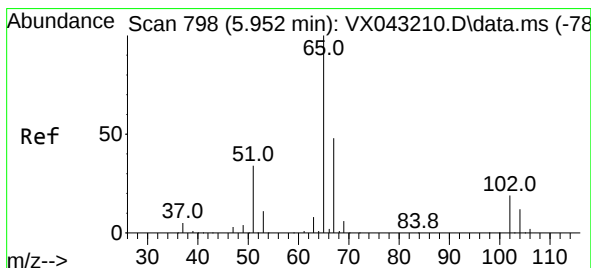
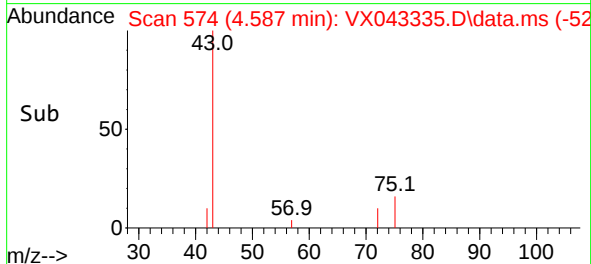
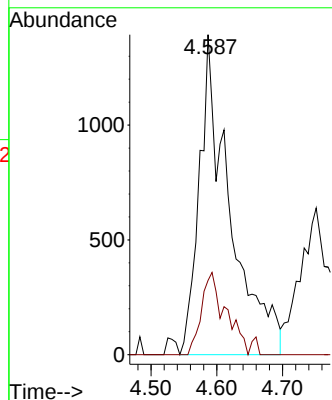
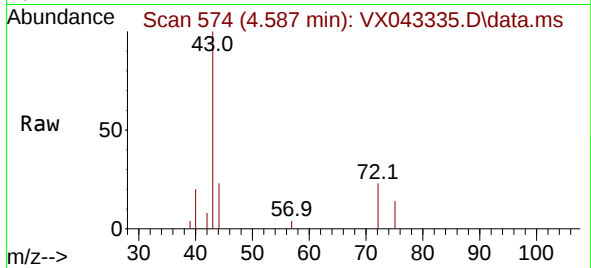




#25
2-Butanone
Concen: 5.995 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX043335.D
Acq: 09 Oct 2024 13:36

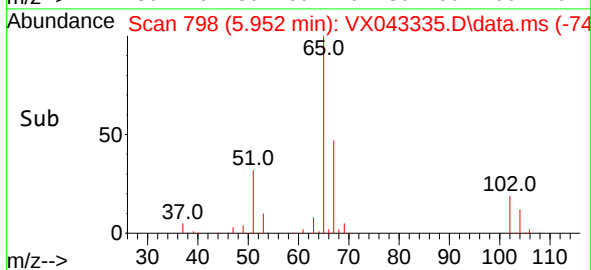
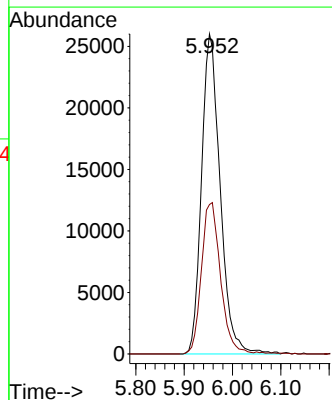
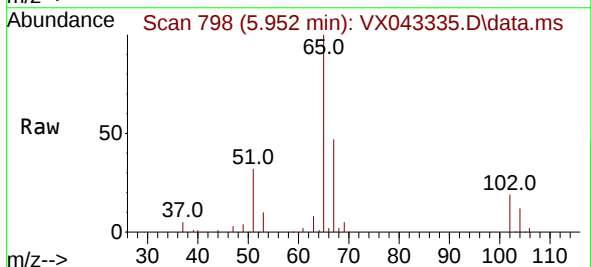
Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#04

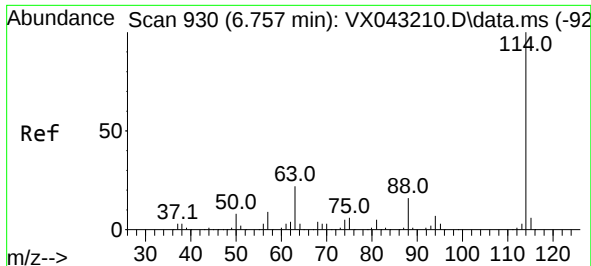
Tgt Ion: 43 Resp: 4477
Ion Ratio Lower Upper
43 100
72 23.2 20.6 31.0



#33
1,2-Dichloroethane-d4
Concen: 53.412 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043335.D
Acq: 09 Oct 2024 13:36

Tgt Ion: 65 Resp: 69659
Ion Ratio Lower Upper
65 100
67 48.3 0.0 99.0

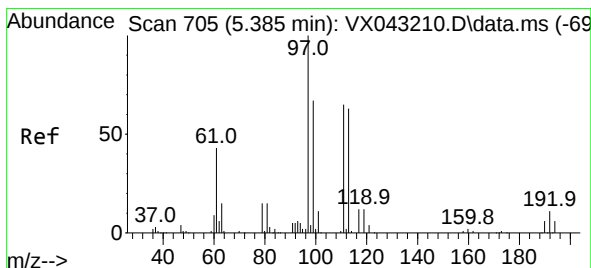
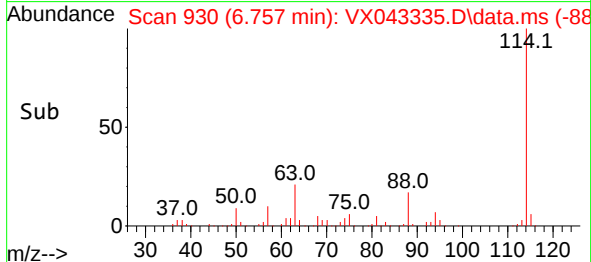
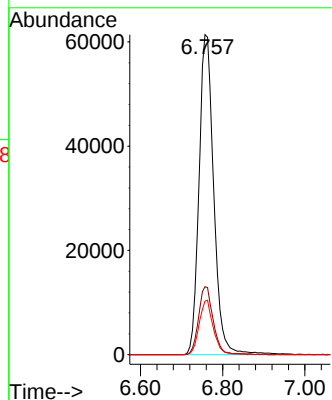
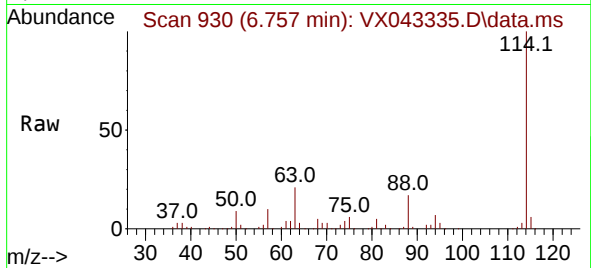




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX043335.D
 Acq: 09 Oct 2024 13:36

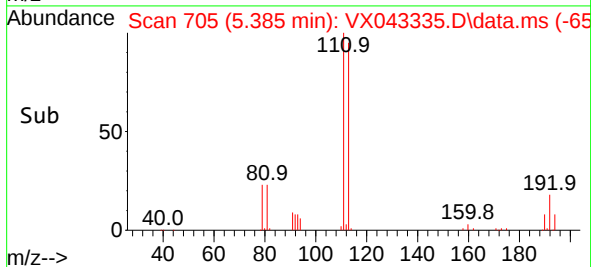
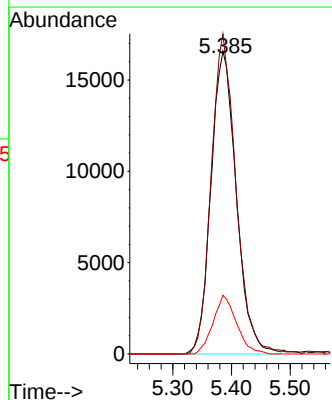
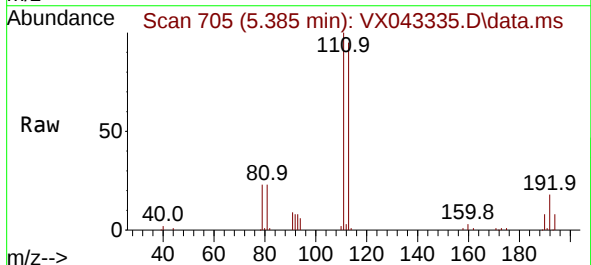
Instrument :
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 ClientSampleId :
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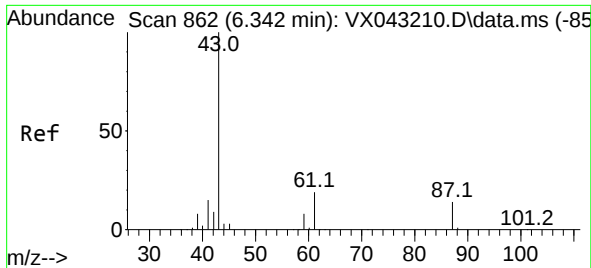
Tgt Ion:114 Resp: 152726
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.0
 88 16.8 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 47.043 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX043335.D
 Acq: 09 Oct 2024 13:36

Tgt Ion:113 Resp: 49548
 Ion Ratio Lower Upper
 113 100
 111 103.4 83.4 125.0
 192 17.9 14.1 21.1

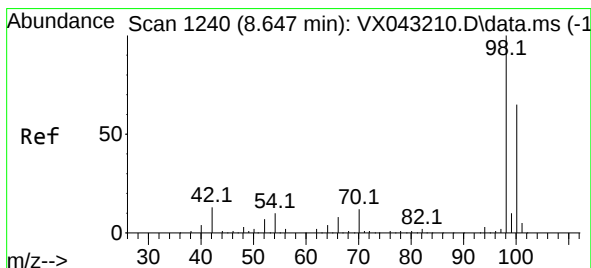
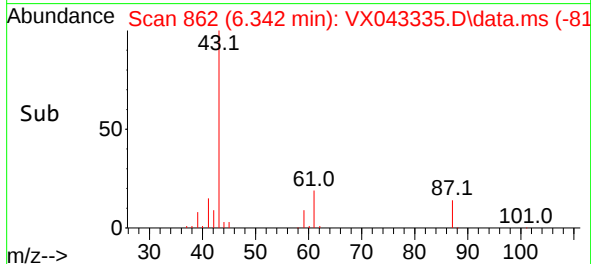
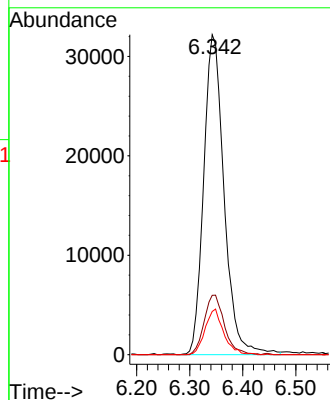
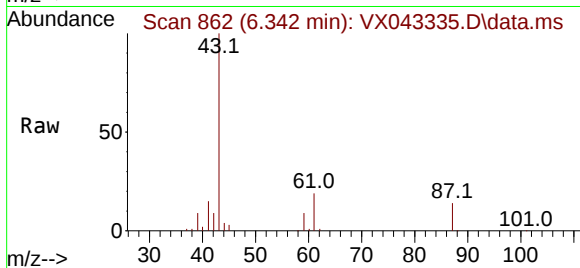




#43
Isopropyl Acetate
Concen: 32.671 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX043335.D
Acq: 09 Oct 2024 13:36

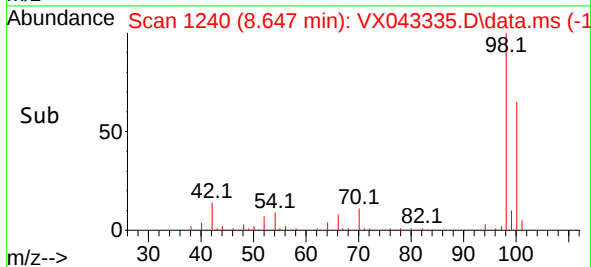
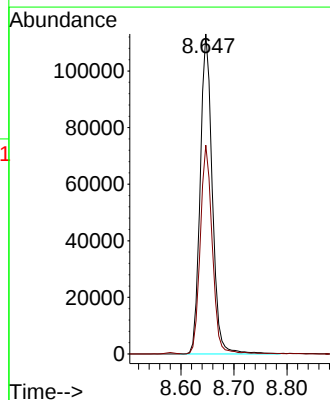
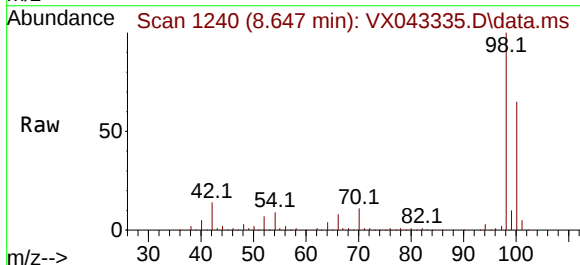
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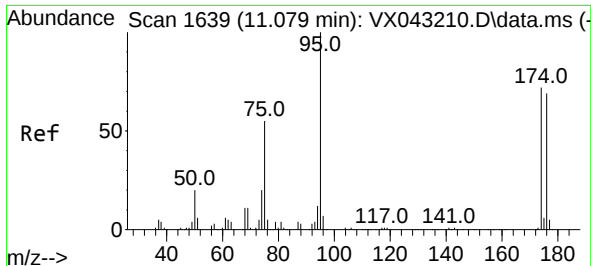
Tgt Ion: 43 Resp: 86228
Ion Ratio Lower Upper
43 100
61 18.4 15.1 22.7
87 13.0 10.8 16.2



#50
Toluene-d8
Concen: 49.033 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043335.D
Acq: 09 Oct 2024 13:36

Tgt Ion: 98 Resp: 178970
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 46.930 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043335.D

Acq: 09 Oct 2024 13:36

Instrument :

MSVOA_X

ClientSampleId :

PB163972ZHE#04

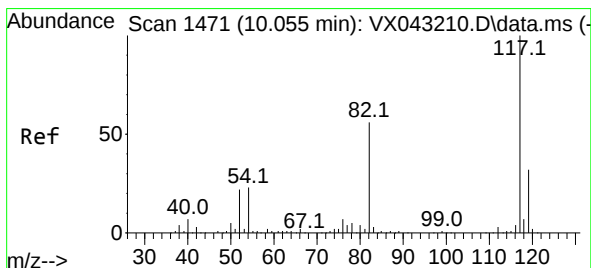
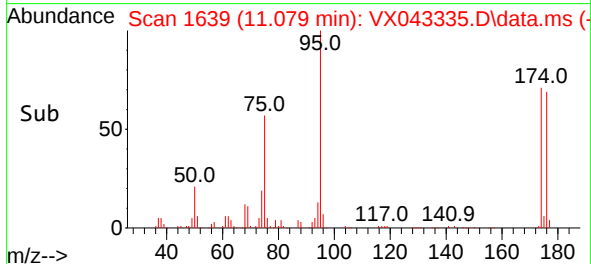
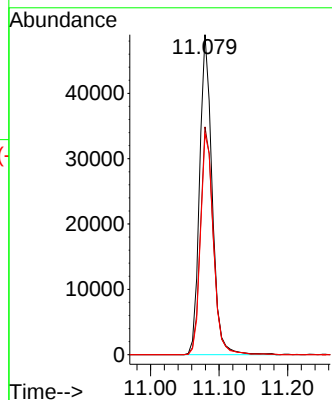
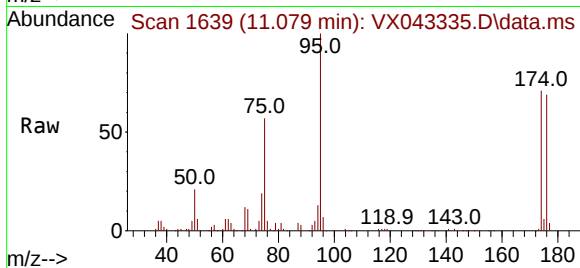
Tgt Ion: 95 Resp: 62230

Ion Ratio Lower Upper

95 100

174 72.9 0.0 145.0

176 71.5 0.0 143.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX043335.D

Acq: 09 Oct 2024 13:36

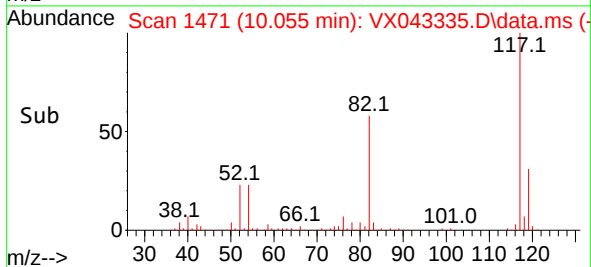
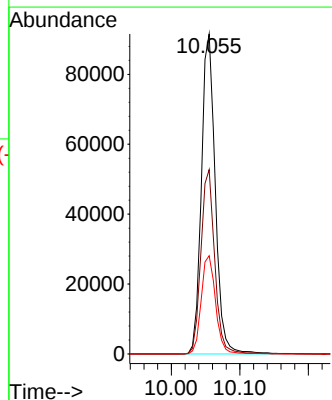
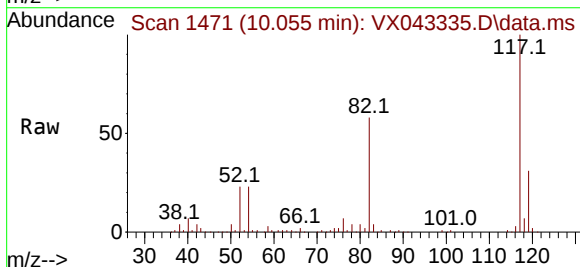
Tgt Ion: 117 Resp: 129225

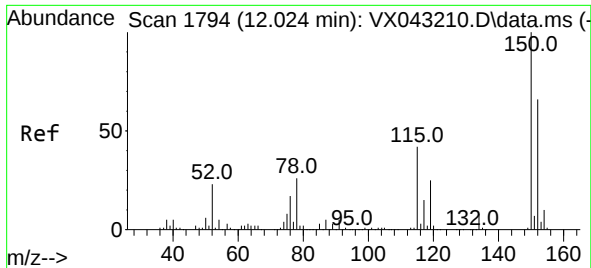
Ion Ratio Lower Upper

117 100

82 57.6 45.0 67.6

119 30.7 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX043335.D

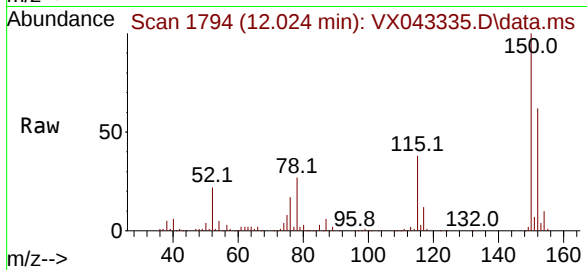
Acq: 09 Oct 2024 13:36

Instrument :

MSVOA_X

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PB163972ZHE#04



Tgt Ion:152 Resp: 55471

Ion Ratio Lower Upper

152 100

115 63.3 44.1 132.3

150 161.5 0.0 347.4

