

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100924\
 Data File : VX043337.D
 Acq On : 09 Oct 2024 14:22
 Operator : JC/MD
 Sample : PB163972ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB163972ZHE#06

Quant Time: Oct 10 01:31:47 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)

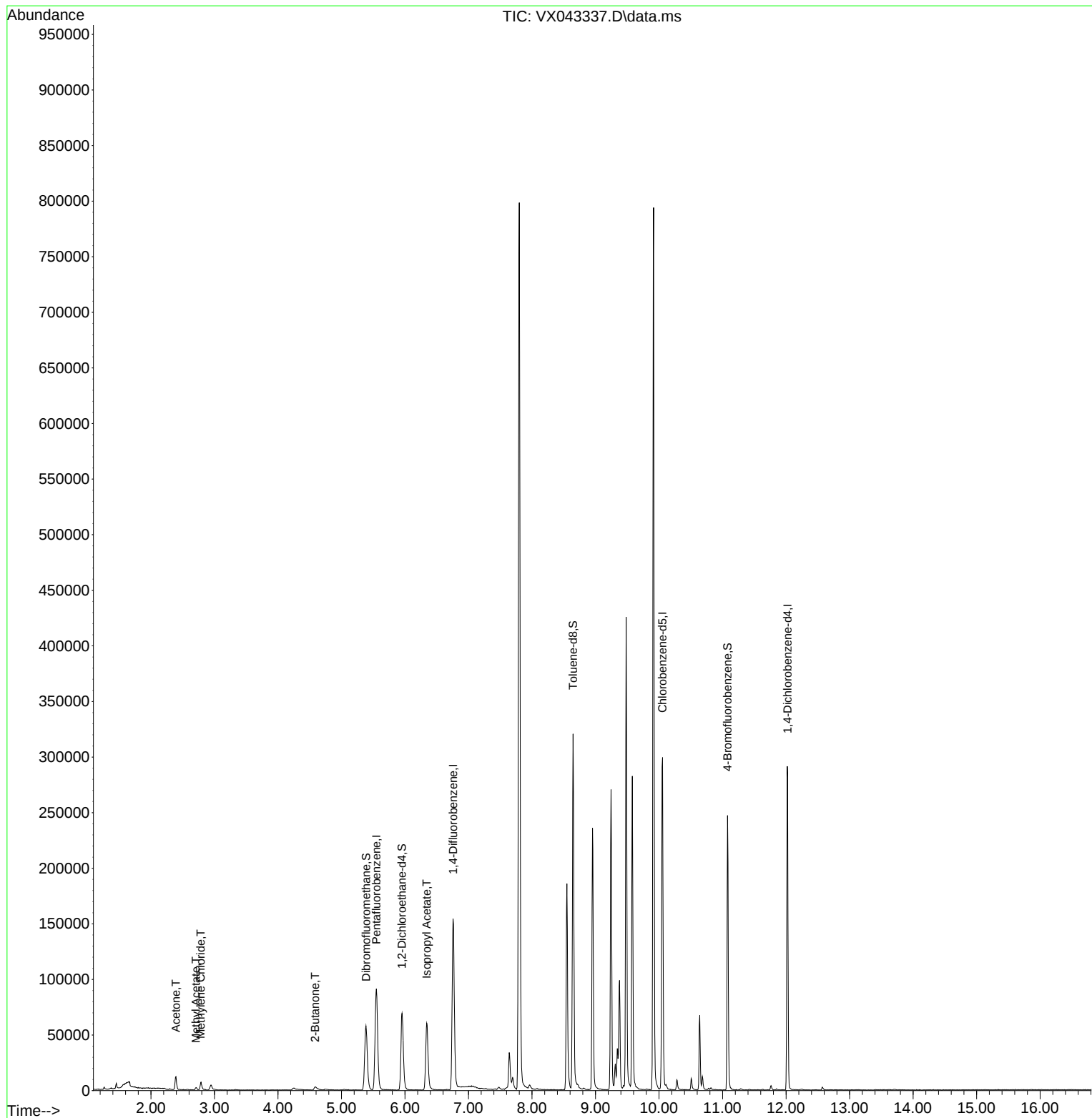
Internal Standards						
1) Pentafluorobenzene	5.550	168	83387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	155882	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71747	52.684	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.360%
35) Dibromofluoromethane	5.385	113	50988	47.430	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.860%
50) Toluene-d8	8.647	98	182812	49.071	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.140%
62) 4-Bromofluorobenzene	11.079	95	65407	48.327	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.660%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	14877	26.159	ug/l	99
18) Methyl Acetate	2.709	43	2959	2.074	ug/l	90
20) Methylene Chloride	2.782	84	3596	3.429	ug/l #	92
25) 2-Butanone	4.587	43	5880	7.541	ug/l	94
43) Isopropyl Acetate	6.342	43	86466	32.098	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
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QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration

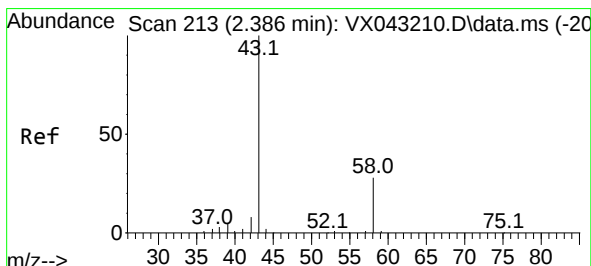
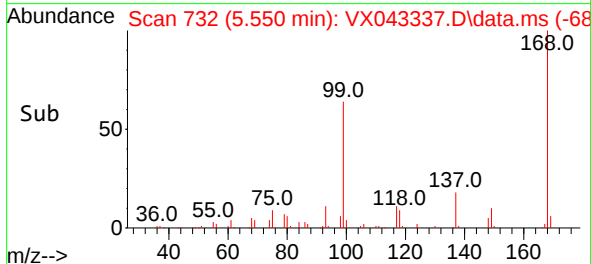
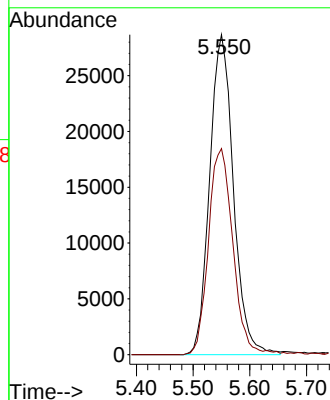
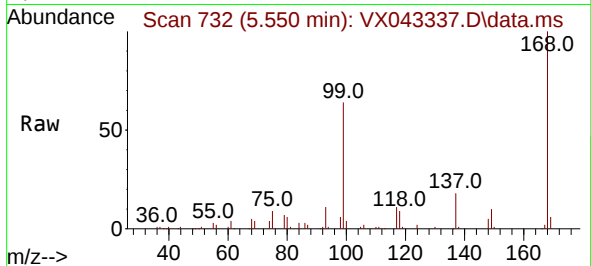




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043337.D
Acq: 09 Oct 2024 14:22

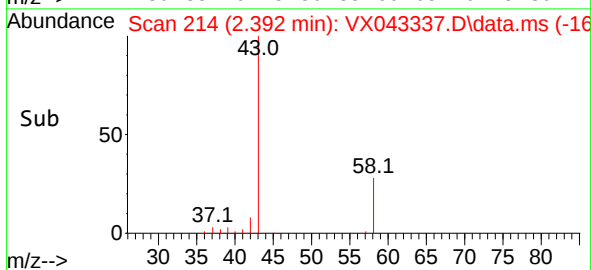
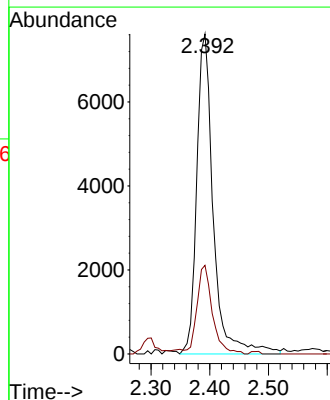
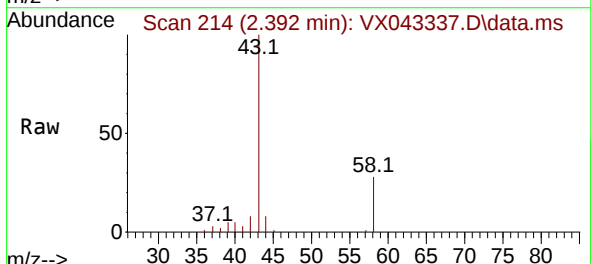
Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#06

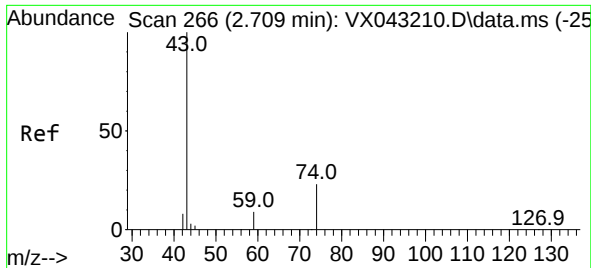
Tgt Ion:168 Resp: 83387
Ion Ratio Lower Upper
168 100
99 64.4 49.7 74.5



#16
Acetone
Concen: 26.159 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX043337.D
Acq: 09 Oct 2024 14:22

Tgt Ion: 43 Resp: 14877
Ion Ratio Lower Upper
43 100
58 27.7 22.6 33.8

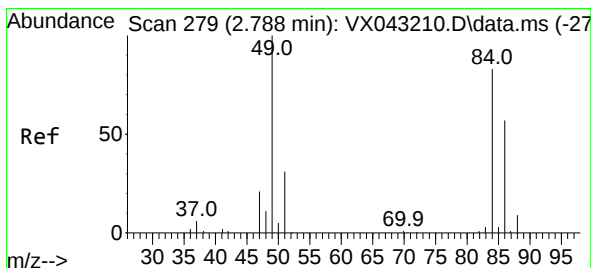
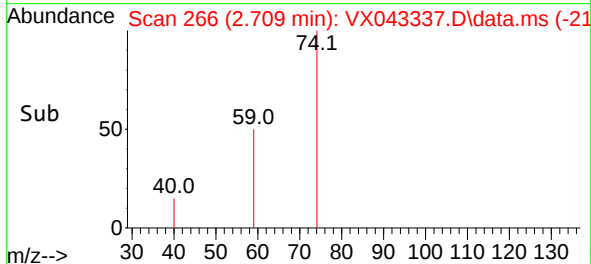
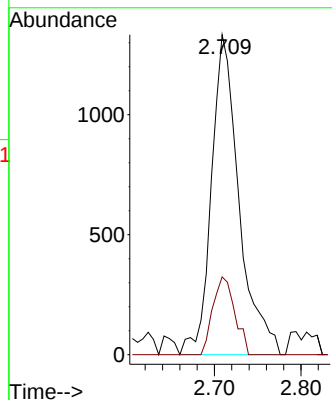
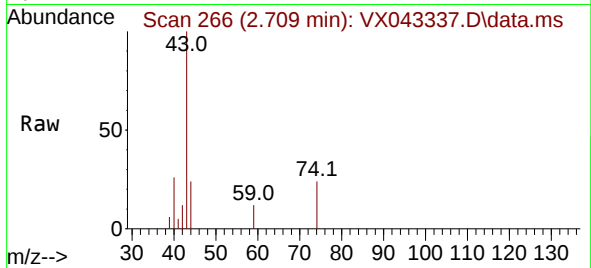




#18
Methyl Acetate
Concen: 2.074 ug/l
RT: 2.709 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX043337.D
Acq: 09 Oct 2024 14:22

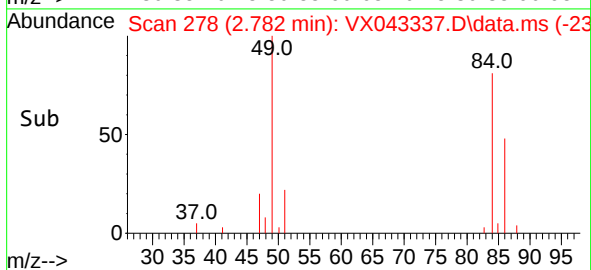
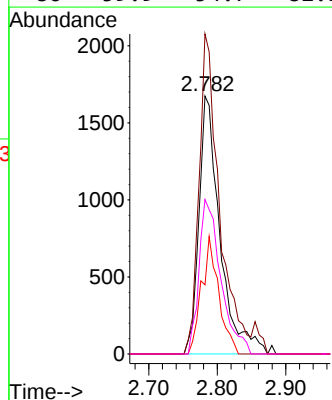
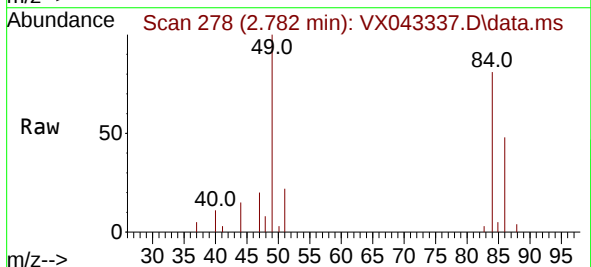
Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#06

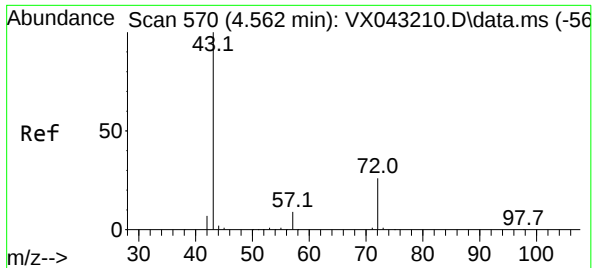
Tgt Ion: 43 Resp: 2959
Ion Ratio Lower Upper
43 100
74 19.2 19.1 28.7



#20
Methylene Chloride
Concen: 3.429 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX043337.D
Acq: 09 Oct 2024 14:22

Tgt Ion: 84 Resp: 3596
Ion Ratio Lower Upper
84 100
49 124.1 96.7 145.1
51 26.8 30.4 45.6#
86 59.9 54.7 82.1





#25

2-Butanone

Concen: 7.541 ug/l

RT: 4.587 min Scan# 51

Delta R.T. 0.025 min

Lab File: VX043337.D

Acq: 09 Oct 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

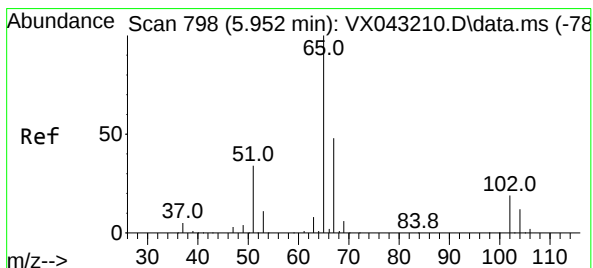
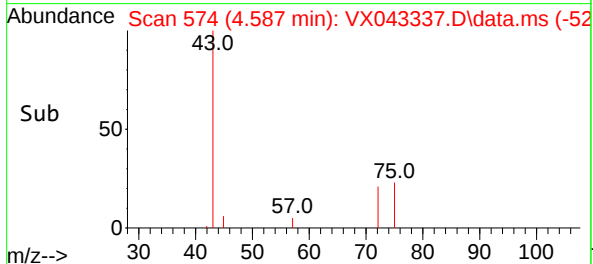
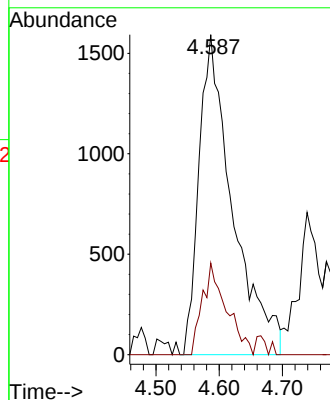
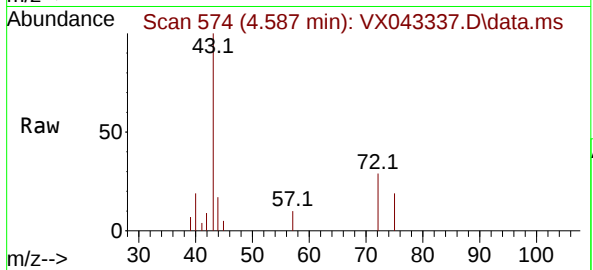
PB163972ZHE#06

Tgt Ion: 43 Resp: 5880

Ion Ratio Lower Upper

43 100

72 28.6 20.6 31.0



#33

1,2-Dichloroethane-d4

Concen: 52.684 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX043337.D

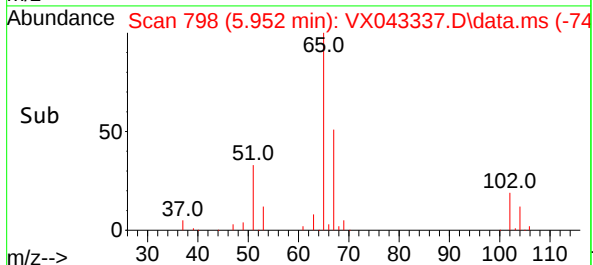
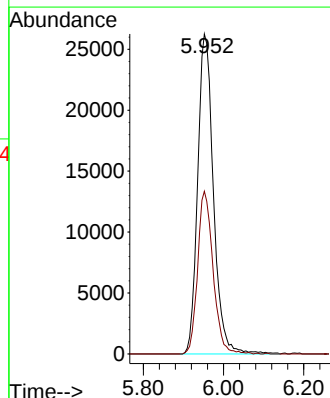
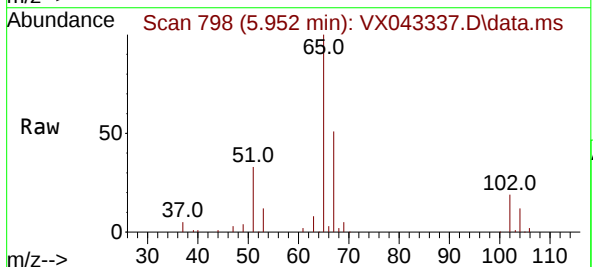
Acq: 09 Oct 2024 14:22

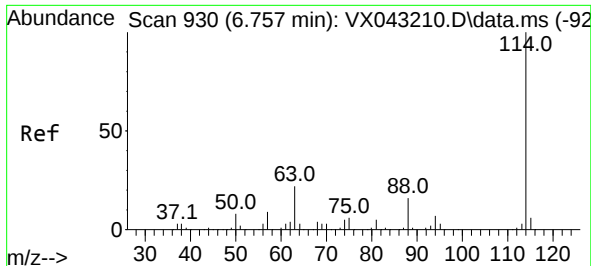
Tgt Ion: 65 Resp: 71747

Ion Ratio Lower Upper

65 100

67 49.7 0.0 99.0

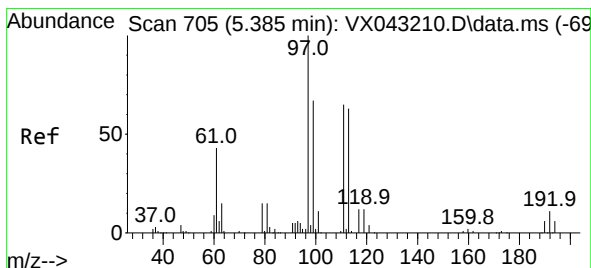
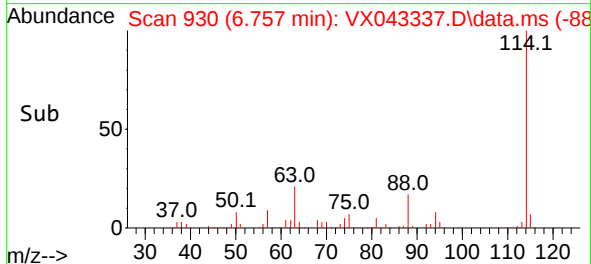
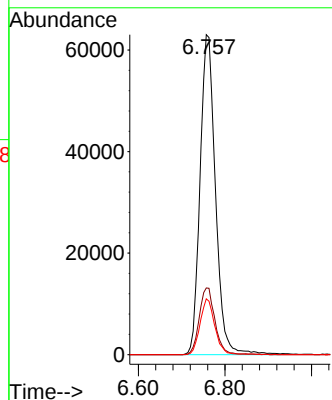
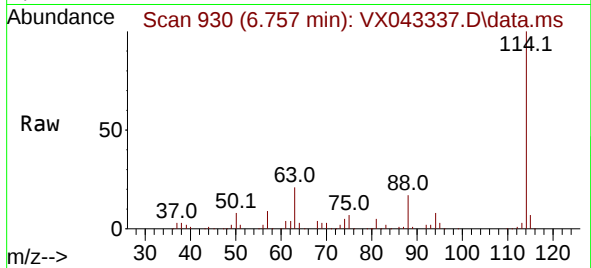




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX043337.D
Acq: 09 Oct 2024 14:22

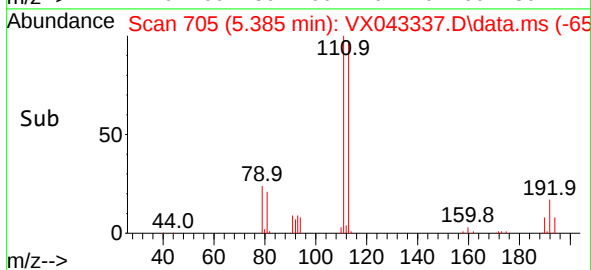
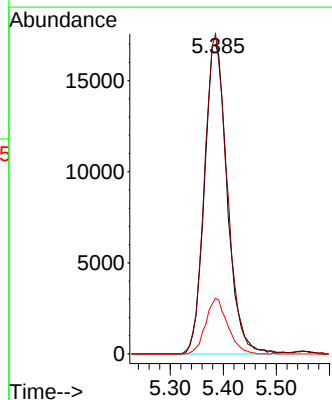
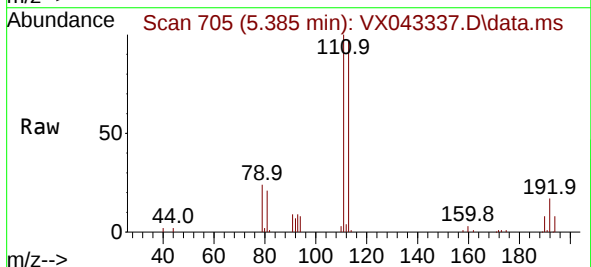
Instrument :
MSVOA_X
ClientSampleId :
PB163972ZHE#06

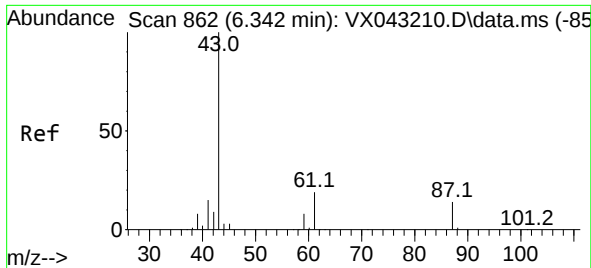
Tgt Ion:114 Resp: 155882
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.0
88 17.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.430 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043337.D
Acq: 09 Oct 2024 14:22

Tgt Ion:113 Resp: 50988
Ion Ratio Lower Upper
113 100
111 102.1 83.4 125.0
192 17.2 14.1 21.1

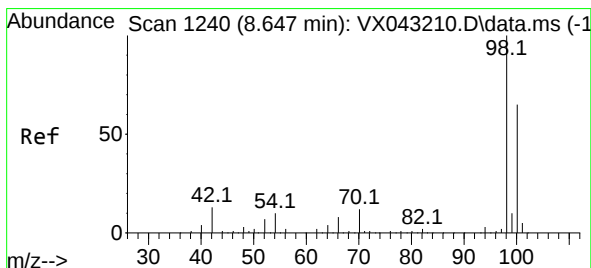
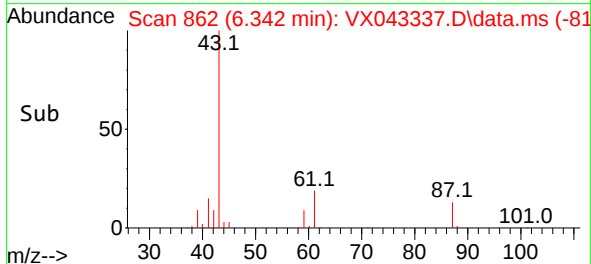
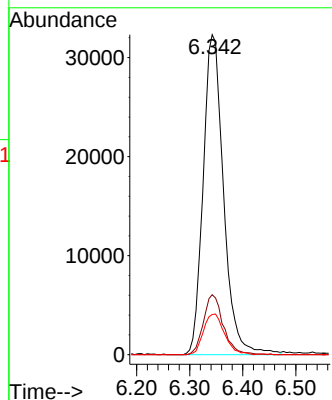
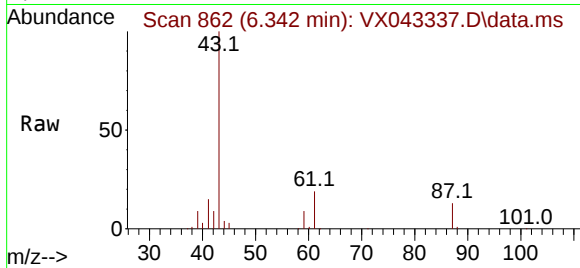




#43
Isopropyl Acetate
Concen: 32.098 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX043337.D
Acq: 09 Oct 2024 14:22

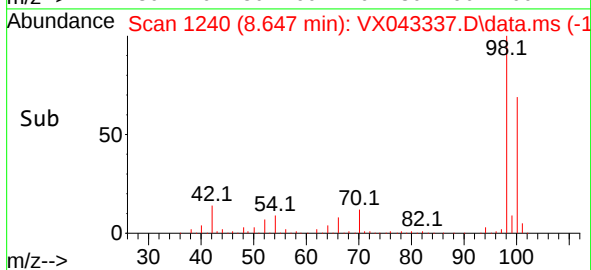
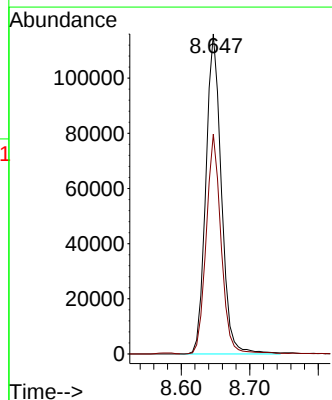
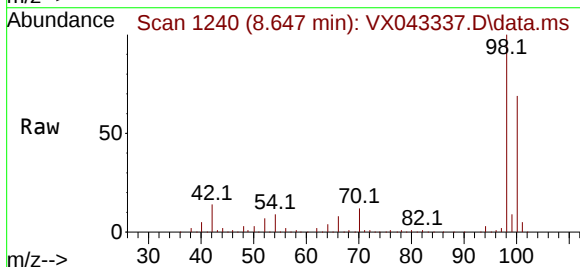
Instrument :
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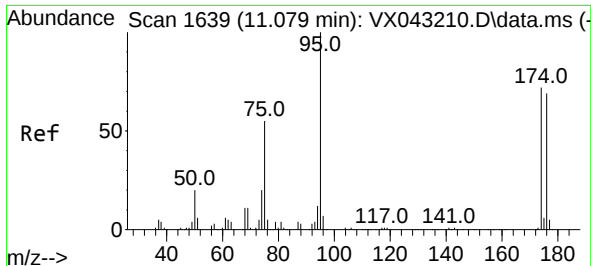
Tgt Ion: 43 Resp: 86466
Ion Ratio Lower Upper
43 100
61 18.1 15.1 22.7
87 13.1 10.8 16.2



#50
Toluene-d8
Concen: 49.071 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043337.D
Acq: 09 Oct 2024 14:22

Tgt Ion: 98 Resp: 182812
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 48.327 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043337.D

Acq: 09 Oct 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

PB163972ZHE#06

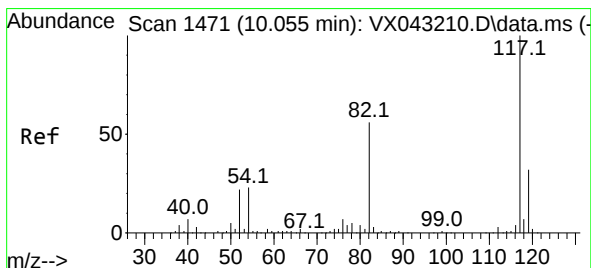
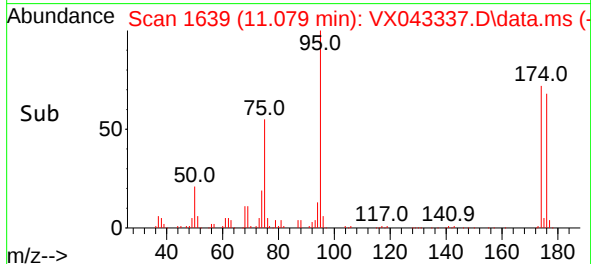
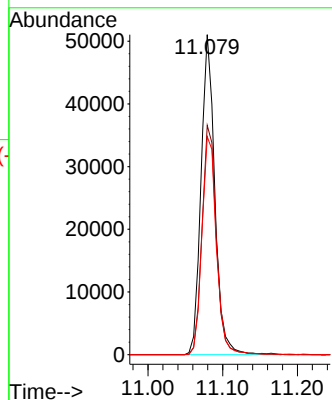
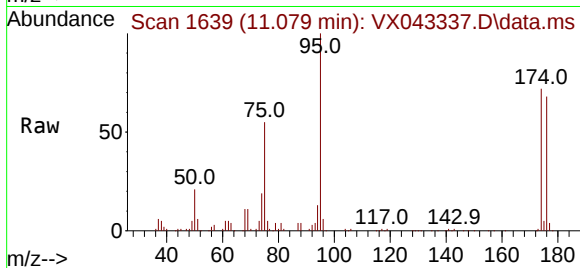
Tgt Ion: 95 Resp: 65407

Ion Ratio Lower Upper

95 100

174 74.2 0.0 145.0

176 71.4 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: VX043337.D

Acq: 09 Oct 2024 14:22

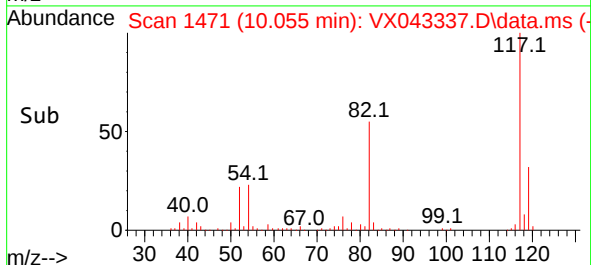
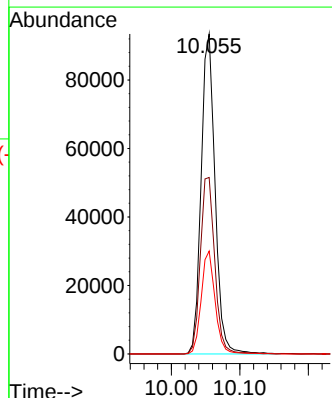
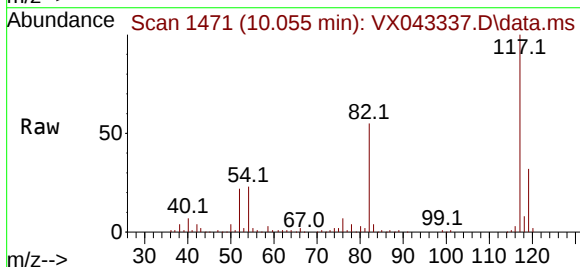
Tgt Ion: 117 Resp: 132559

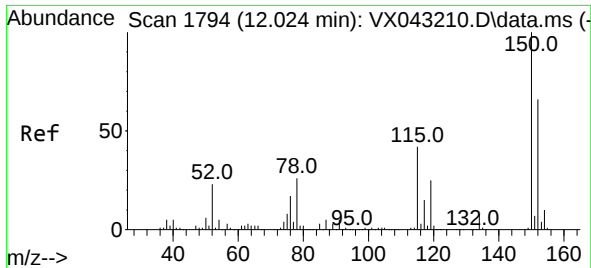
Ion Ratio Lower Upper

117 100

82 55.1 45.0 67.6

119 32.2 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: VX043337.D

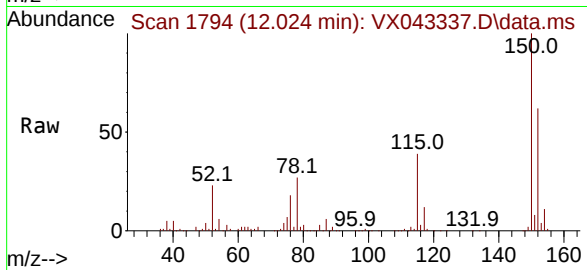
Acq: 09 Oct 2024 14:22

Instrument :

MSVOA_X

ClientSampleId :

PB163972ZHE#06



Tgt Ion:152 Resp: 58033

Ion Ratio Lower Upper

152 100

115 65.2 44.1 132.3

150 160.4 0.0 347.4

