

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102124\
 Data File : VX043457.D
 Acq On : 21 Oct 2024 16:12
 Operator : JC/MD
 Sample : P4419-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 22 02:40:45 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)

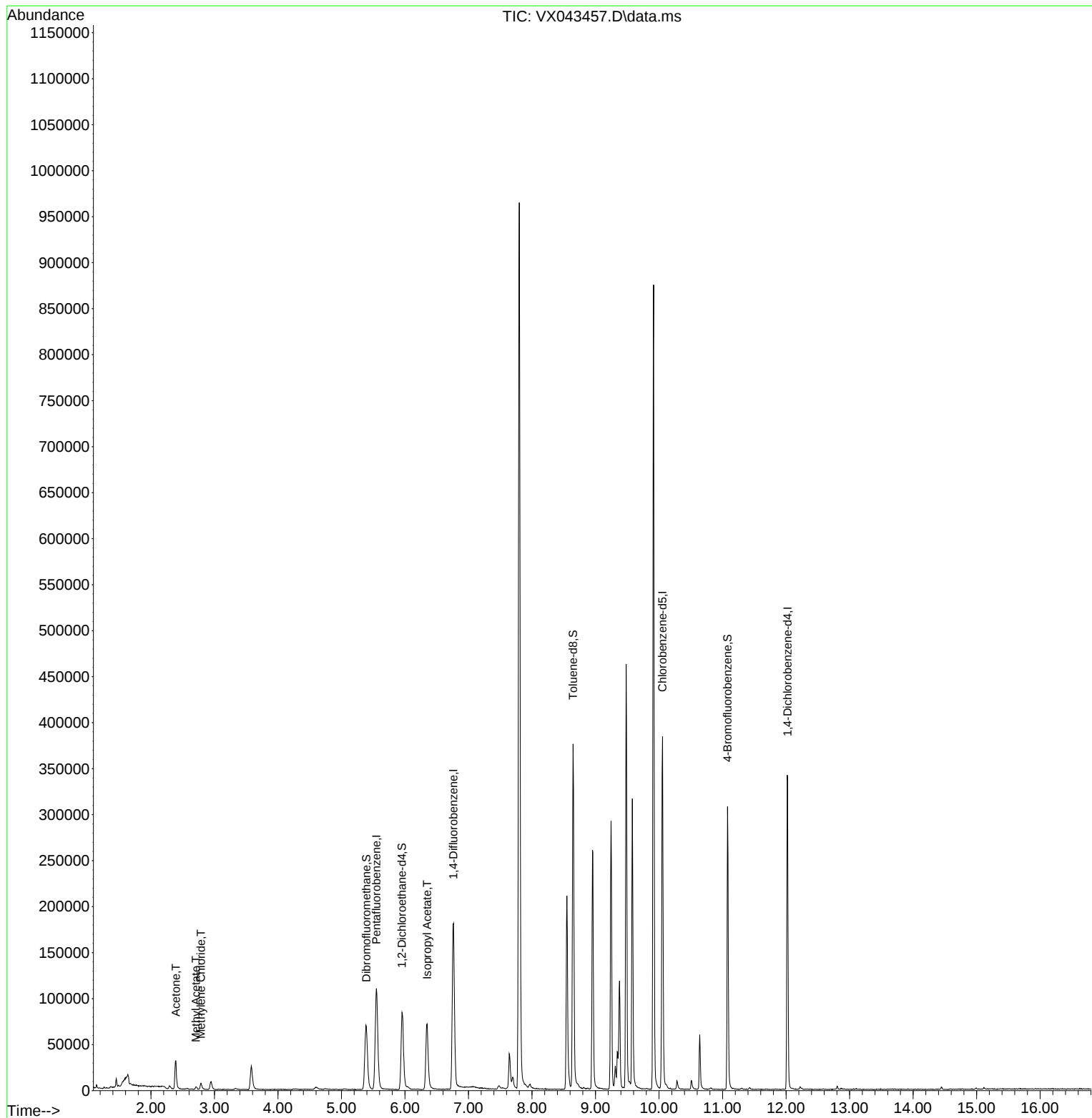
Internal Standards						
1) Pentafluorobenzene	5.550	168	99072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	187839	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89014	55.015	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.020%
35) Dibromofluoromethane	5.391	113	63591	49.089	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.180%
50) Toluene-d8	8.647	98	223329	49.748	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.500%
62) 4-Bromofluorobenzene	11.079	95	83160	50.990	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.980%
Target Compounds						
						Qvalue
16) Acetone	2.392	43	37900	56.091	ug/l	97
18) Methyl Acetate	2.709	43	3998	2.359	ug/l #	89
20) Methylene Chloride	2.788	84	3383	2.715	ug/l #	92
43) Isopropyl Acetate	6.348	43	104774	32.277	ug/l	99

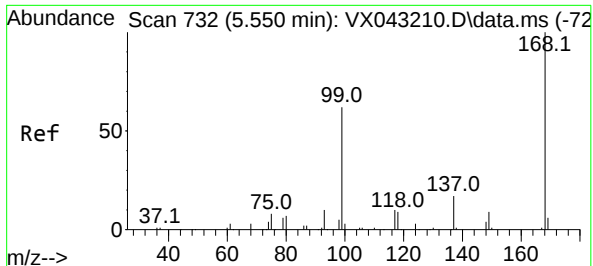
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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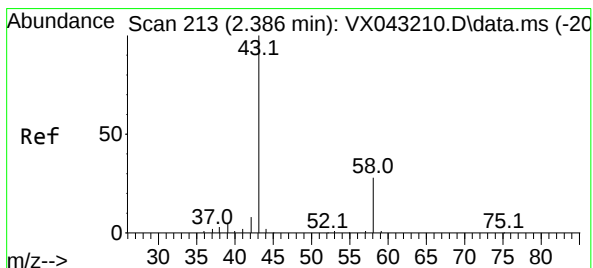
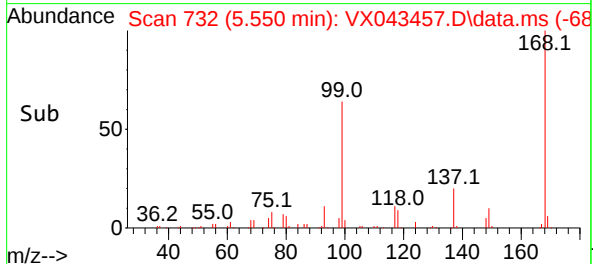
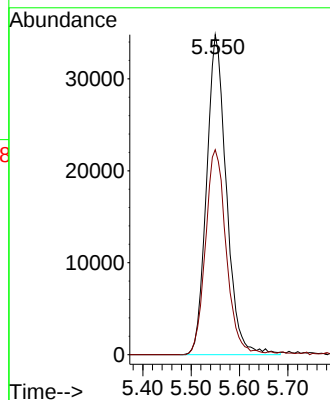
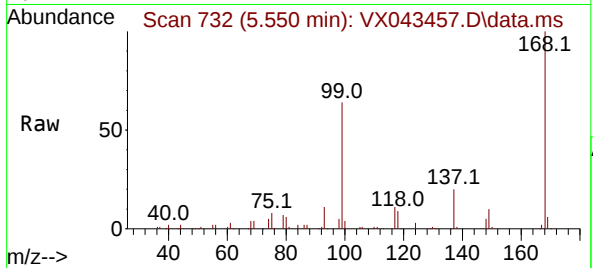




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043457.D
Acq: 21 Oct 2024 16:12

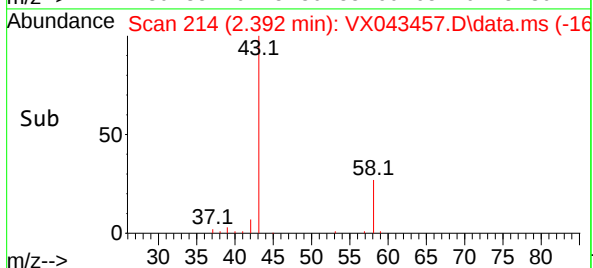
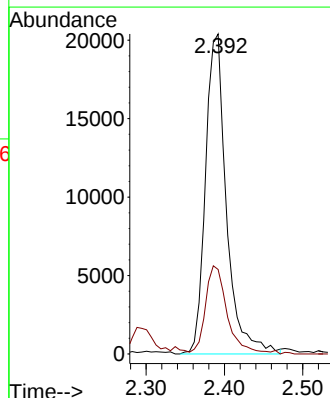
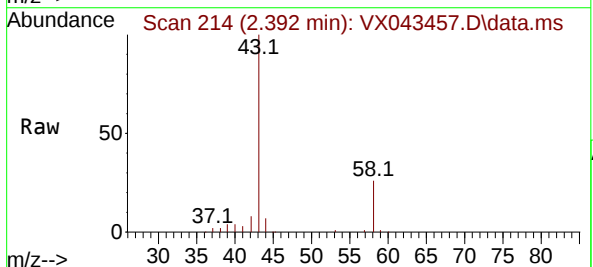
Instrument :
MSVOA_X
ClientSampleId :

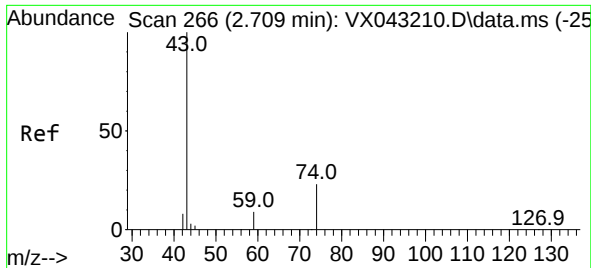
Tgt Ion:168 Resp: 99072
Ion Ratio Lower Upper
168 100
99 64.1 49.7 74.5



#16
Acetone
Concen: 56.091 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX043457.D
Acq: 21 Oct 2024 16:12

Tgt Ion: 43 Resp: 37900
Ion Ratio Lower Upper
43 100
58 26.4 22.6 33.8

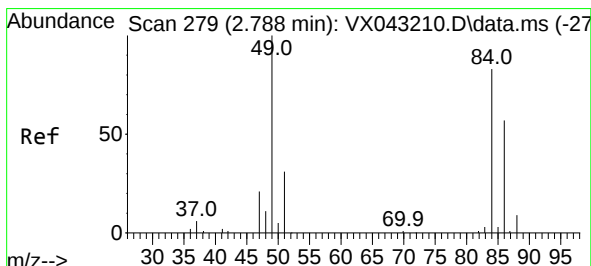
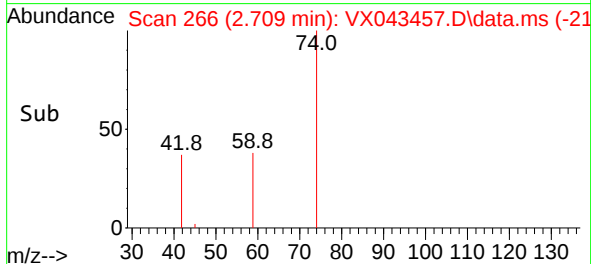
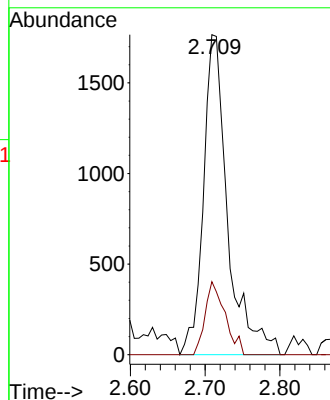
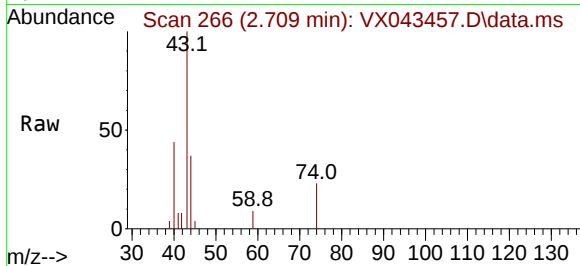




#18
Methyl Acetate
Concen: 2.359 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX043457.D
Acq: 21 Oct 2024 16:12

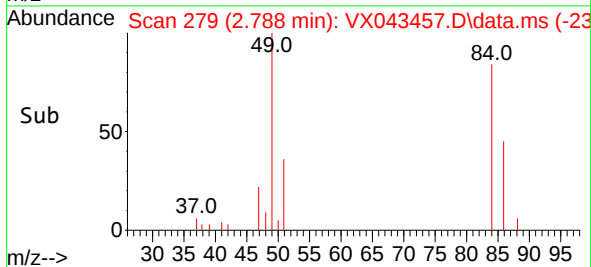
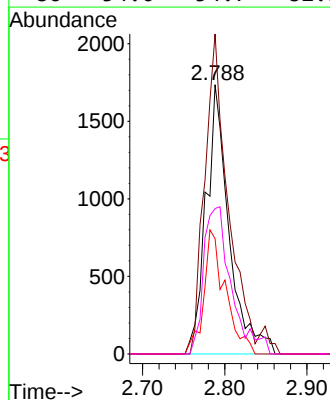
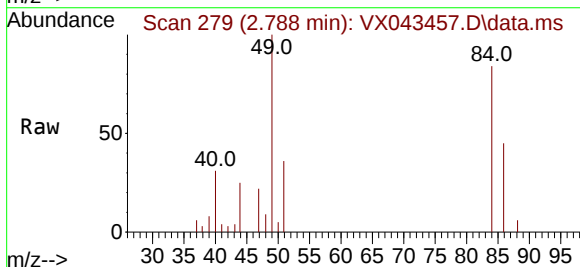
Instrument :
MSVOA_X
ClientSampleId :

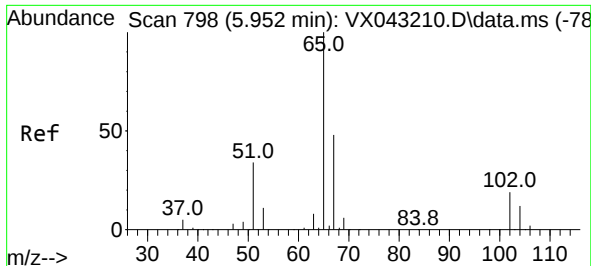
Tgt Ion: 43 Resp: 3998
Ion Ratio Lower Upper
43 100
74 18.6 19.1 28.7#



#20
Methylene Chloride
Concen: 2.715 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX043457.D
Acq: 21 Oct 2024 16:12

Tgt Ion: 84 Resp: 3383
Ion Ratio Lower Upper
84 100
49 118.8 96.7 145.1
51 42.8 30.4 45.6
86 54.0 54.7 82.1#





#33

1,2-Dichloroethane-d4

Concen: 55.015 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX043457.D

Acq: 21 Oct 2024 16:12

Instrument :

MSVOA_X

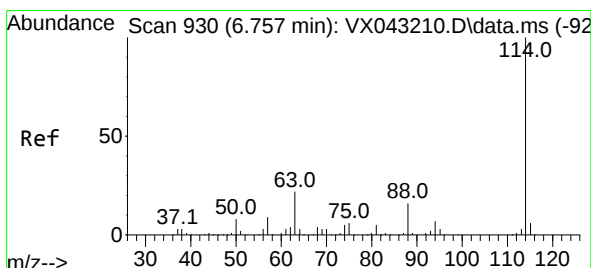
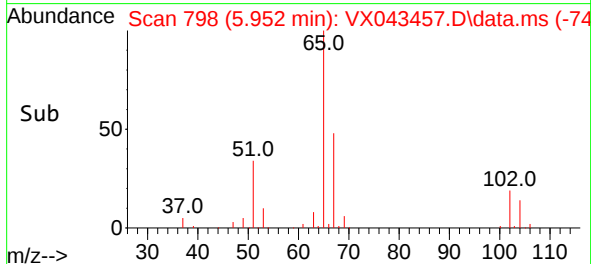
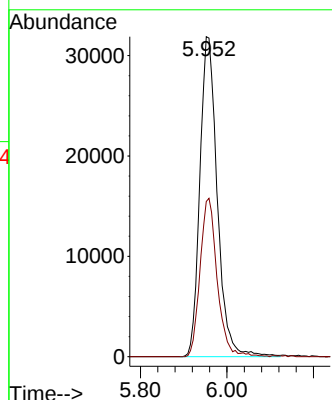
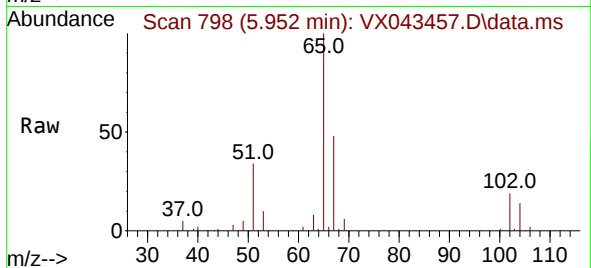
ClientSampleId :

Tgt Ion: 65 Resp: 89014

Ion Ratio Lower Upper

65 100

67 48.7 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX043457.D

Acq: 21 Oct 2024 16:12

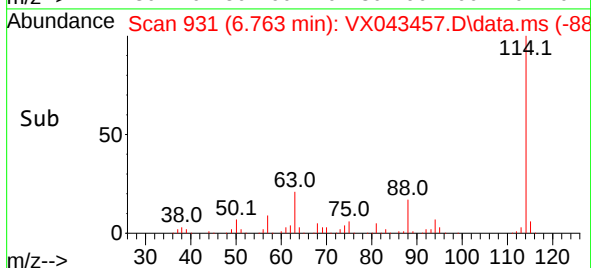
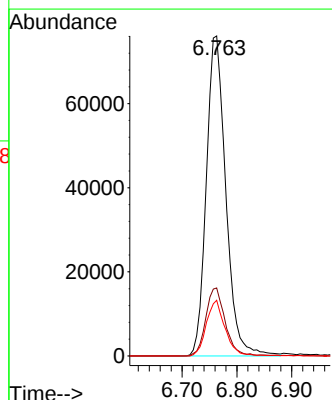
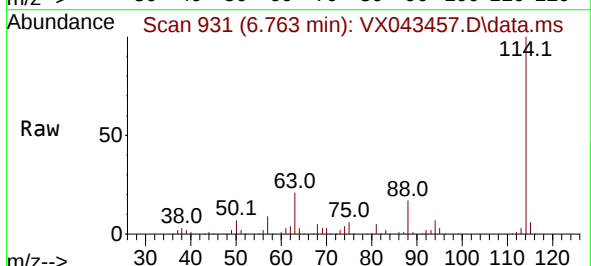
Tgt Ion: 114 Resp: 187839

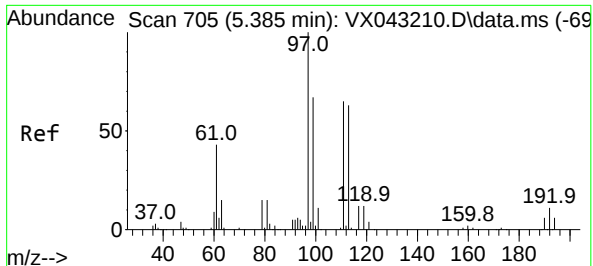
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.0

88 17.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.089 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

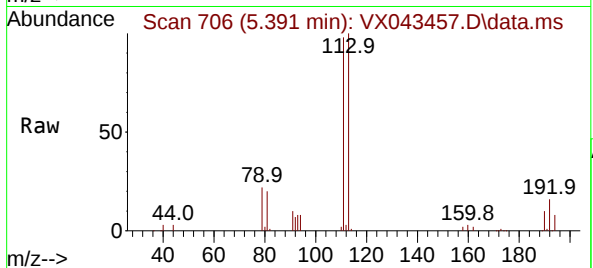
Lab File: VX043457.D

Acq: 21 Oct 2024 16:12

Instrument :

MSVOA_X

ClientSampleId :



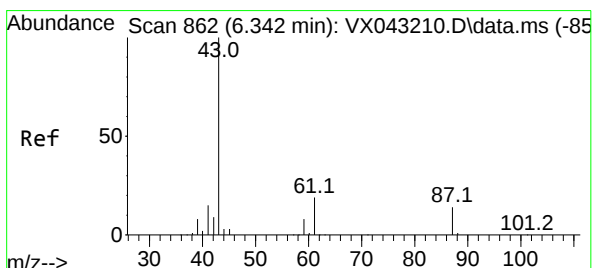
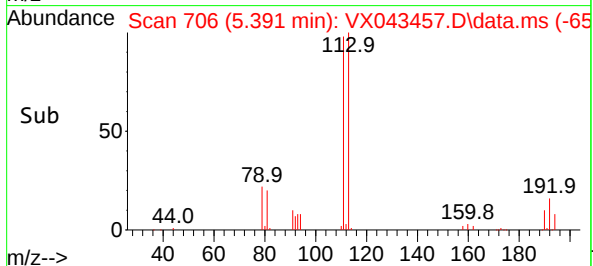
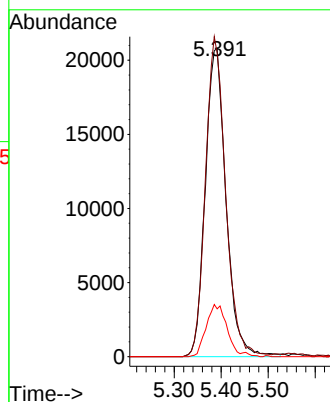
Tgt Ion:113 Resp: 63591

Ion Ratio Lower Upper

113 100

111 101.2 83.4 125.0

192 17.2 14.1 21.1



#43

Isopropyl Acetate

Concen: 32.277 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX043457.D

Acq: 21 Oct 2024 16:12

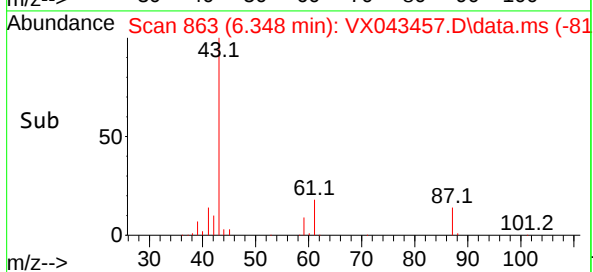
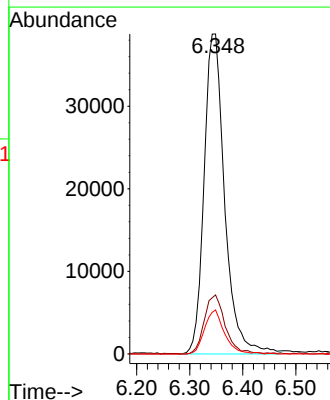
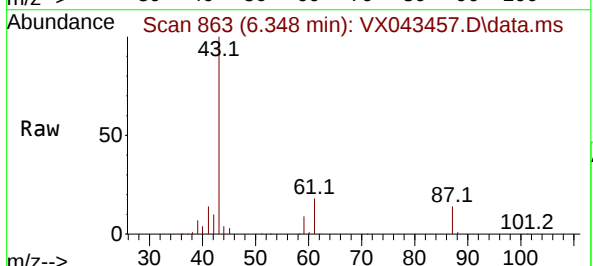
Tgt Ion: 43 Resp: 104774

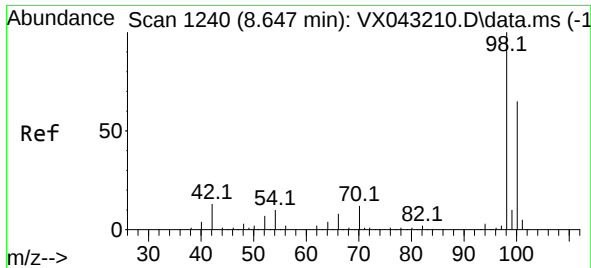
Ion Ratio Lower Upper

43 100

61 18.6 15.1 22.7

87 13.1 10.8 16.2

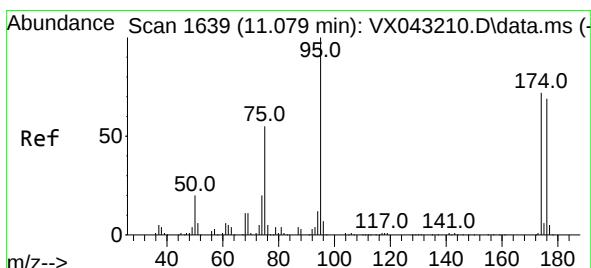
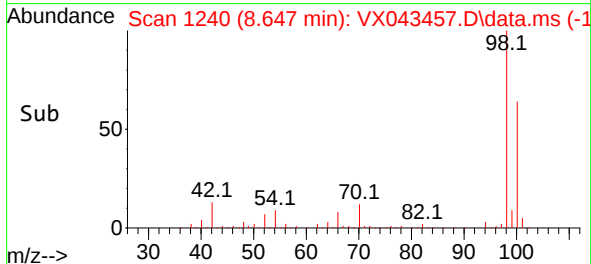
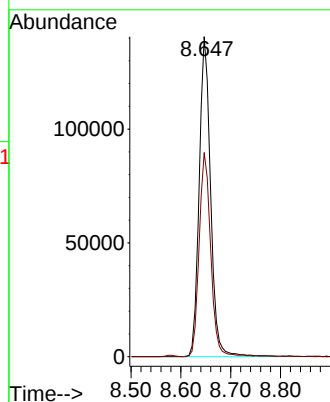
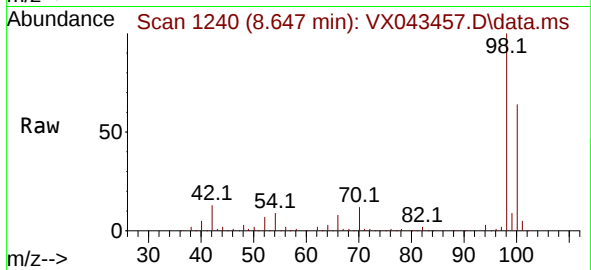




#50
Toluene-d8
Concen: 49.748 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043457.D
Acq: 21 Oct 2024 16:12

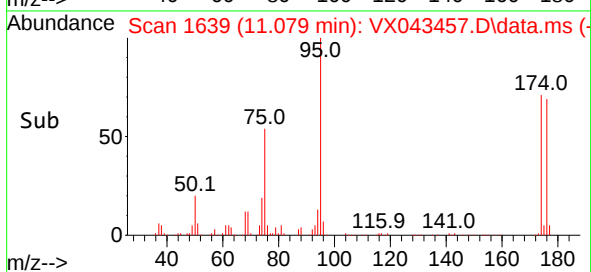
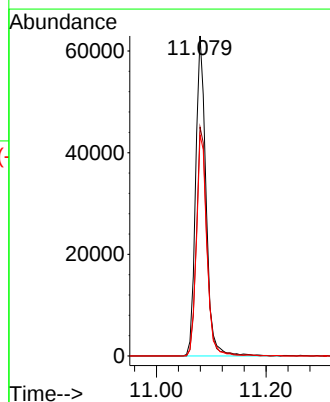
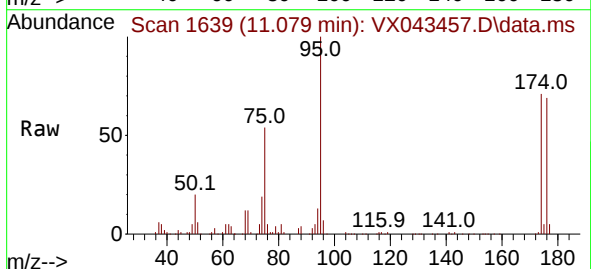
Instrument :
MSVOA_X
ClientSampleId :

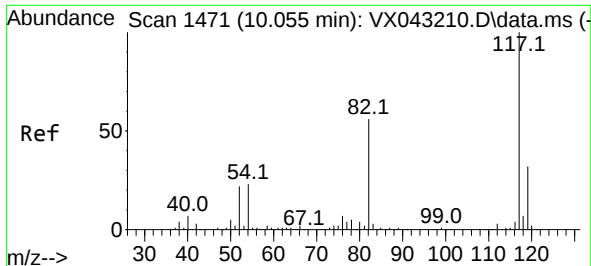
Tgt Ion: 98 Resp: 223329
Ion Ratio Lower Upper
98 100
100 64.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 50.990 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043457.D
Acq: 21 Oct 2024 16:12

Tgt Ion: 95 Resp: 83160
Ion Ratio Lower Upper
95 100
174 72.0 0.0 145.0
176 69.2 0.0 143.0

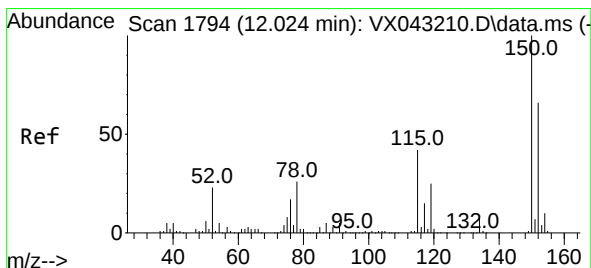
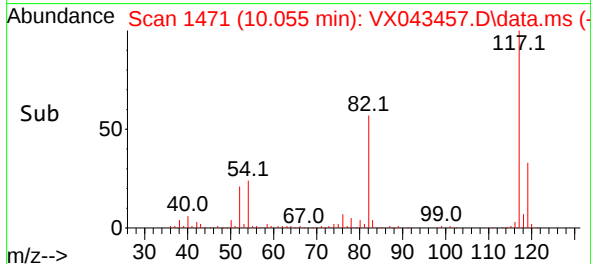
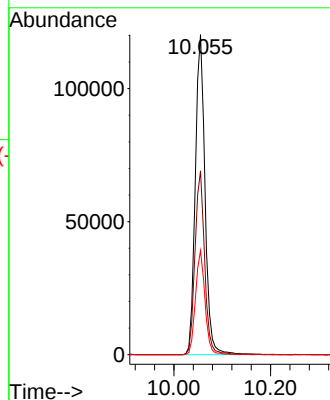
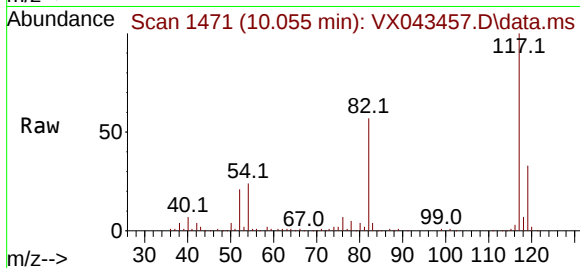




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043457.D
Acq: 21 Oct 2024 16:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 167921
Ion Ratio Lower Upper
117 100
82 57.5 45.0 67.6
119 32.5 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043457.D
Acq: 21 Oct 2024 16:12

Tgt Ion:152 Resp: 71876
Ion Ratio Lower Upper
152 100
115 63.8 44.1 132.3
150 156.4 0.0 347.4

