

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102124\
 Data File : VX043468.D
 Acq On : 21 Oct 2024 20:26
 Operator : JC/MD
 Sample : P4458-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 22 02:45:52 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)

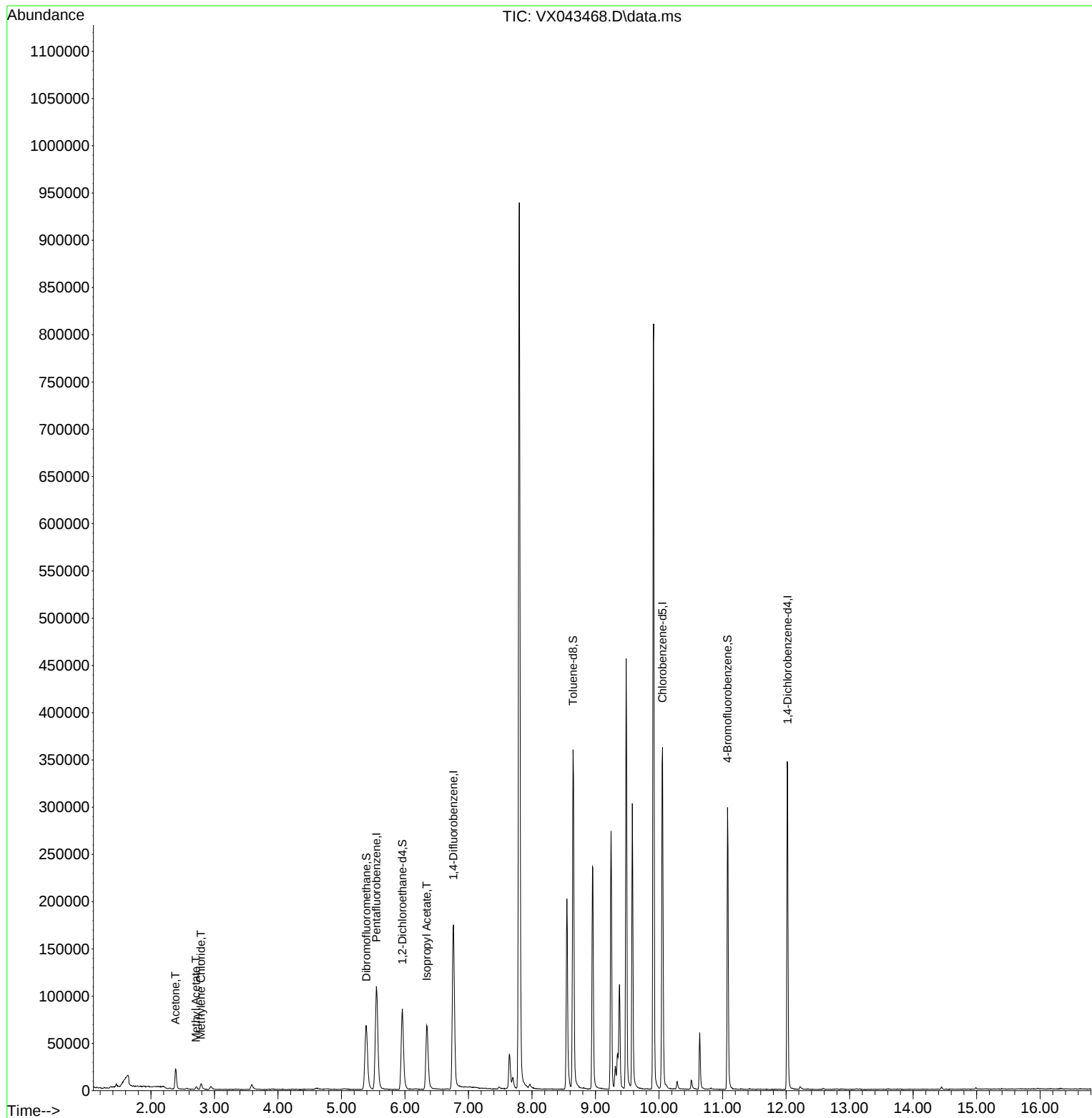
Internal Standards						
1) Pentafluorobenzene	5.550	168	96342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	181205	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86296	54.846	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.700%
35) Dibromofluoromethane	5.391	113	62029	49.637	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.280%
50) Toluene-d8	8.647	98	215764	49.823	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.640%
62) 4-Bromofluorobenzene	11.079	95	81114	51.557	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.120%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	24810	37.759	ug/l	100
18) Methyl Acetate	2.709	43	3671	2.227	ug/l	95
20) Methylene Chloride	2.788	84	3039	2.508	ug/l #	81
43) Isopropyl Acetate	6.342	43	98823	31.559	ug/l	98

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

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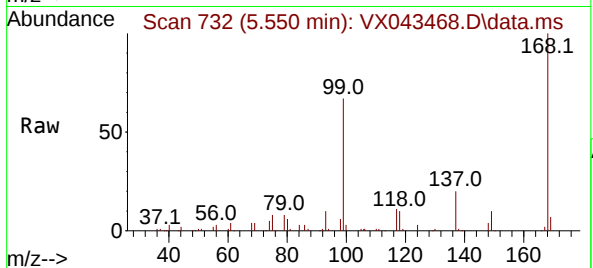


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043468.D
Acq: 21 Oct 2024 20:26

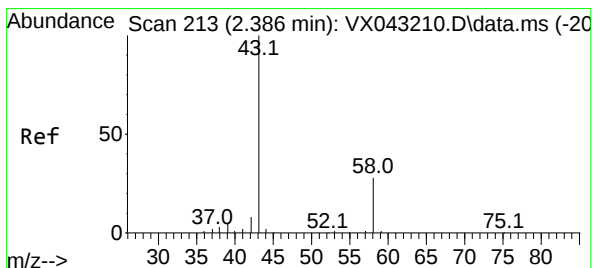
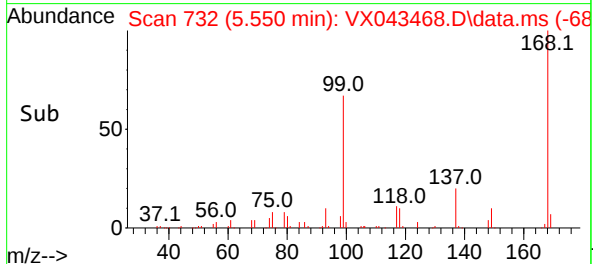
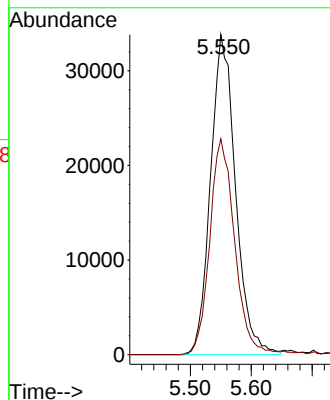
Instrument :

MSVOA_X

ClientSampleId :

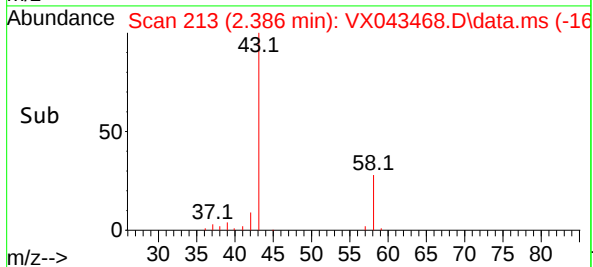
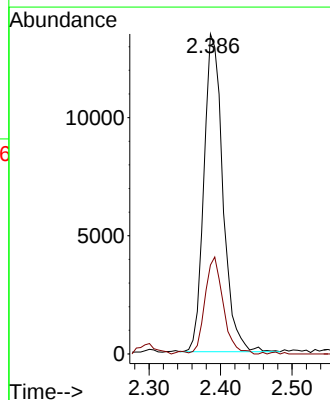
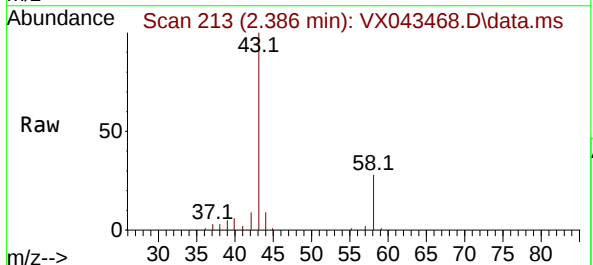


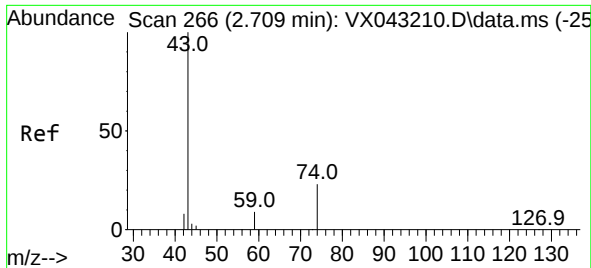
Tgt Ion:168 Resp: 96342
Ion Ratio Lower Upper
168 100
99 67.5 49.7 74.5



#16
Acetone
Concen: 37.759 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043468.D
Acq: 21 Oct 2024 20:26

Tgt Ion: 43 Resp: 24810
Ion Ratio Lower Upper
43 100
58 28.0 22.6 33.8

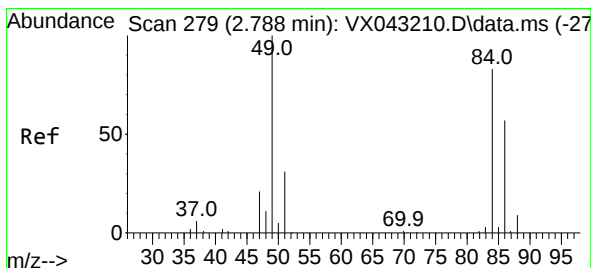
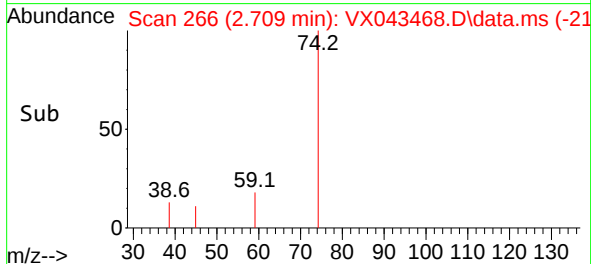
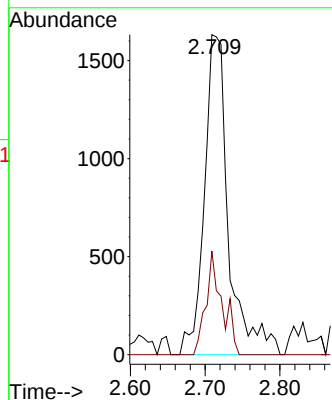
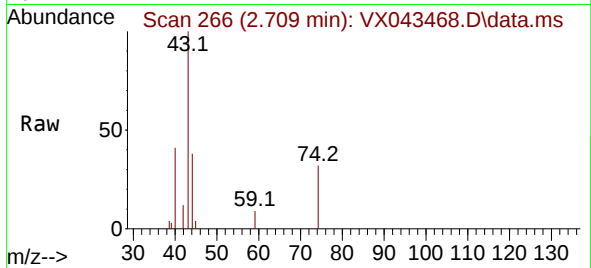




#18
Methyl Acetate
Concen: 2.227 ug/l
RT: 2.709 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX043468.D
Acq: 21 Oct 2024 20:26

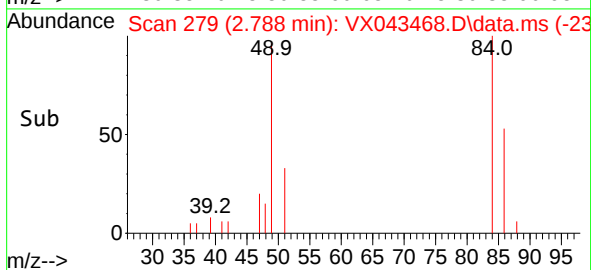
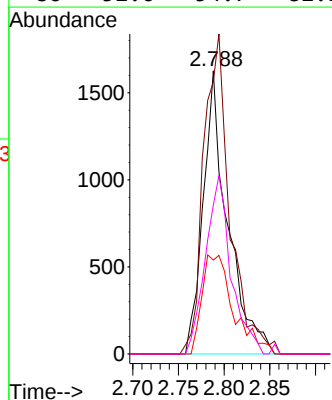
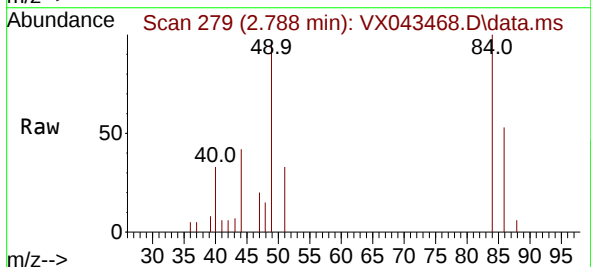
Instrument :
MSVOA_X
ClientSampleId :

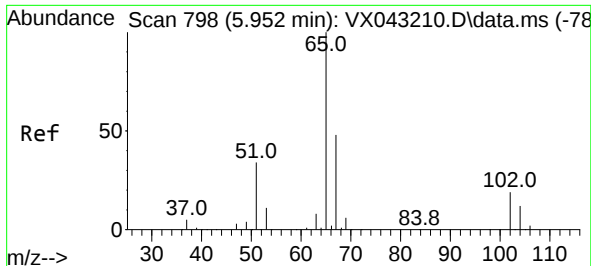
Tgt Ion: 43 Resp: 3671
Ion Ratio Lower Upper
43 100
74 21.7 19.1 28.7



#20
Methylene Chloride
Concen: 2.508 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX043468.D
Acq: 21 Oct 2024 20:26

Tgt Ion: 84 Resp: 3039
Ion Ratio Lower Upper
84 100
49 96.1 96.7 145.1#
51 33.2 30.4 45.6
86 52.6 54.7 82.1#





#33

1,2-Dichloroethane-d4

Concen: 54.846 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX043468.D

Acq: 21 Oct 2024 20:26

Instrument :

MSVOA_X

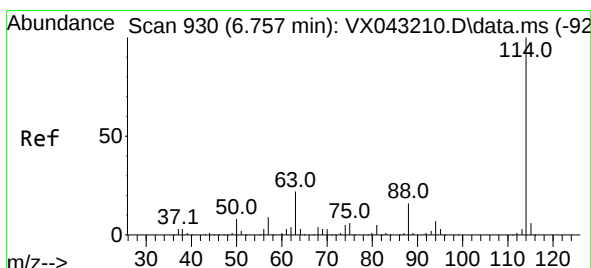
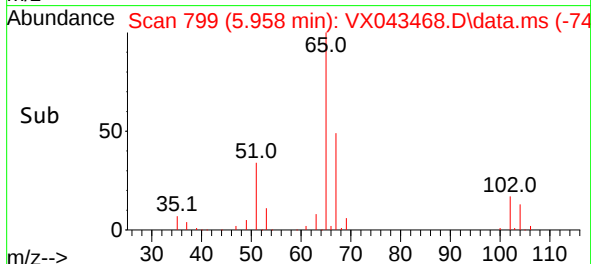
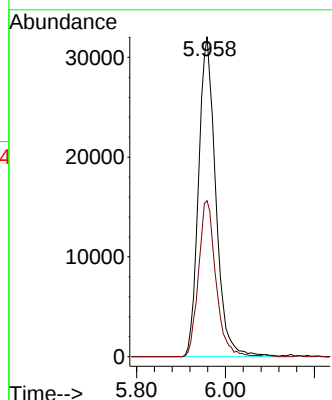
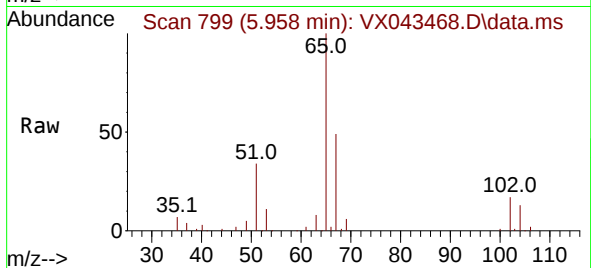
ClientSampleId :

Tgt Ion: 65 Resp: 86296

Ion Ratio Lower Upper

65 100

67 49.2 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: VX043468.D

Acq: 21 Oct 2024 20:26

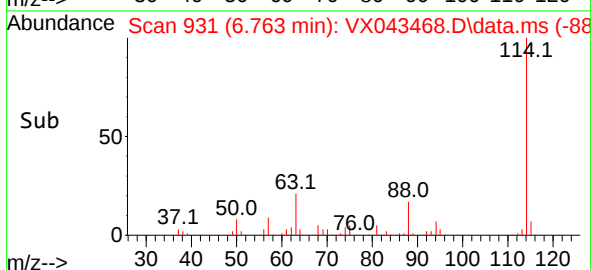
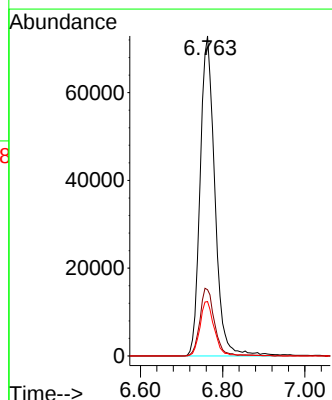
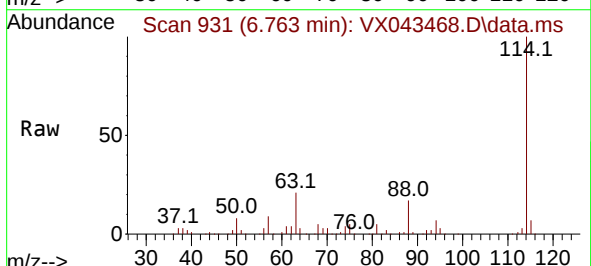
Tgt Ion: 114 Resp: 181205

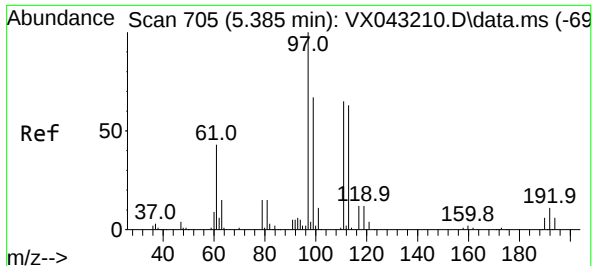
Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.0

88 17.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.637 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

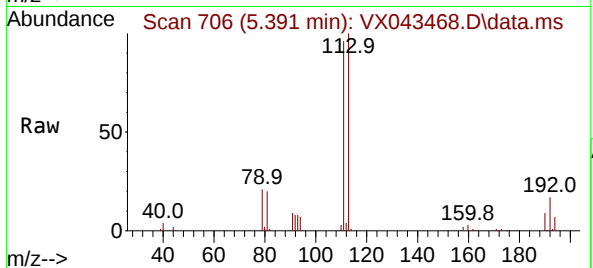
Lab File: VX043468.D

Acq: 21 Oct 2024 20:26

Instrument :

MSVOA_X

ClientSampleId :



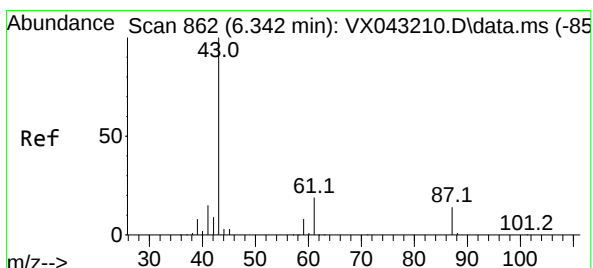
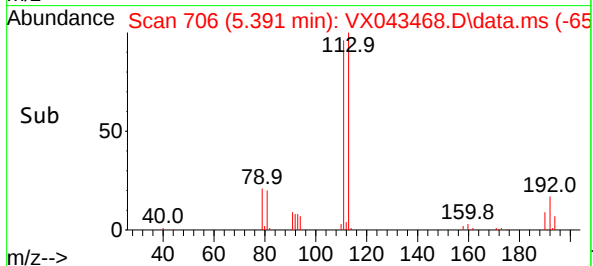
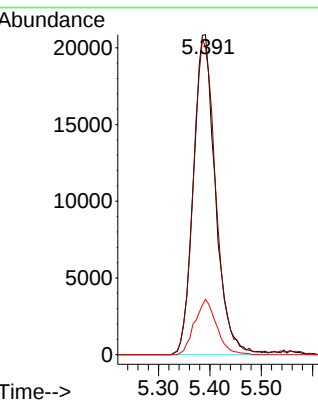
Tgt Ion:113 Resp: 62029

Ion Ratio Lower Upper

113 100

111 100.4 83.4 125.0

192 17.3 14.1 21.1



#43

Isopropyl Acetate

Concen: 31.559 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX043468.D

Acq: 21 Oct 2024 20:26

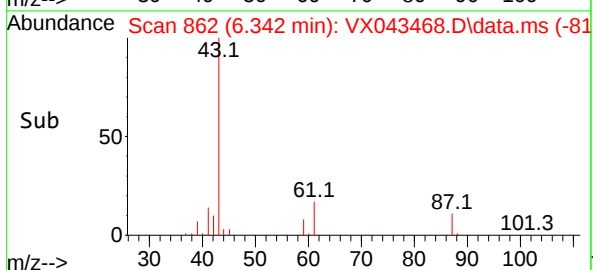
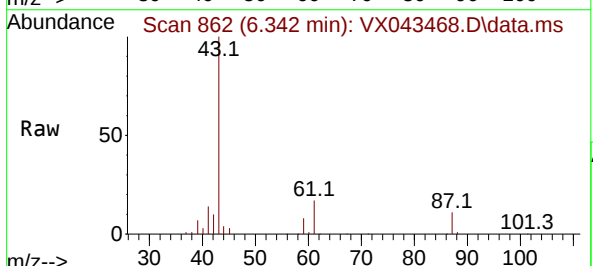
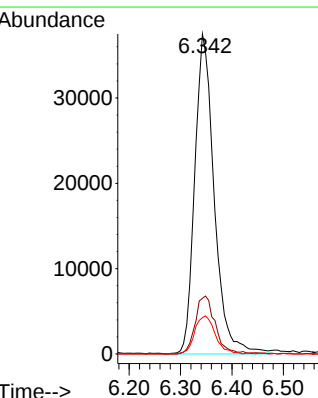
Tgt Ion: 43 Resp: 98823

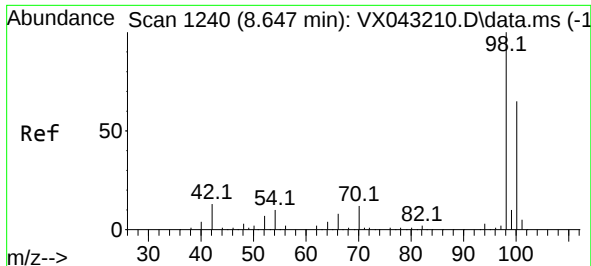
Ion Ratio Lower Upper

43 100

61 18.4 15.1 22.7

87 12.5 10.8 16.2

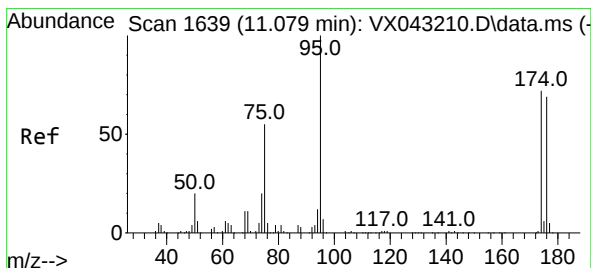
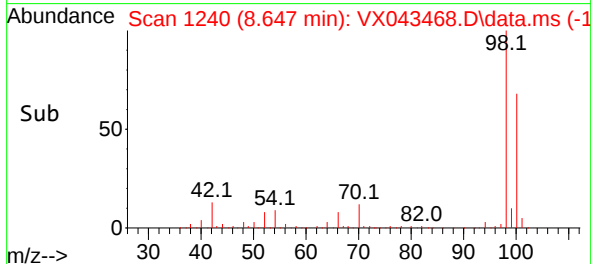
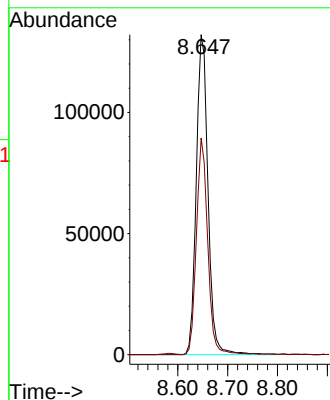
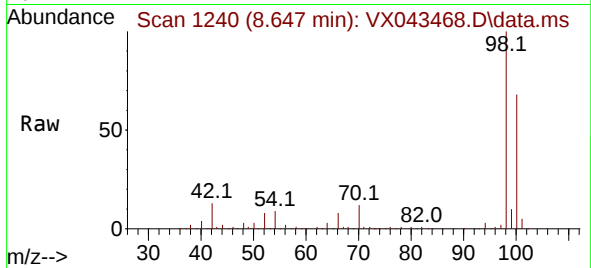




#50
Toluene-d8
Concen: 49.823 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043468.D
Acq: 21 Oct 2024 20:26

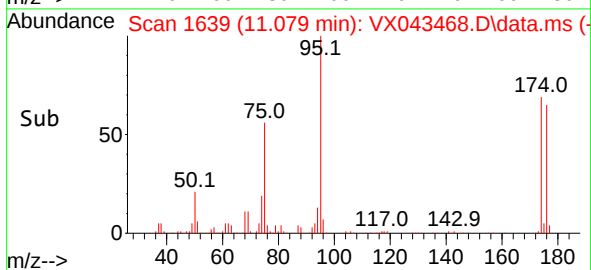
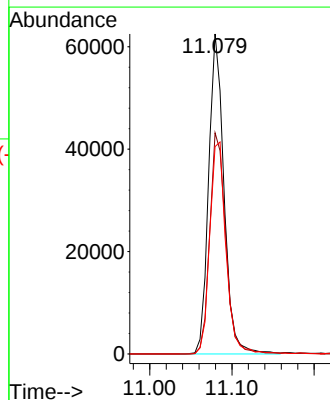
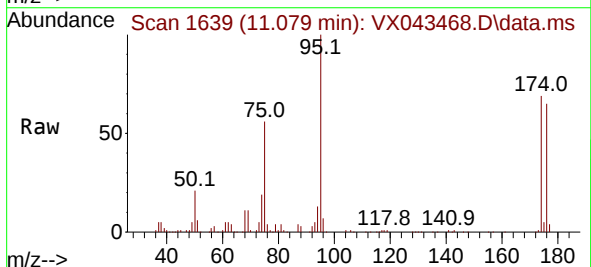
Instrument :
MSVOA_X
ClientSampleId :

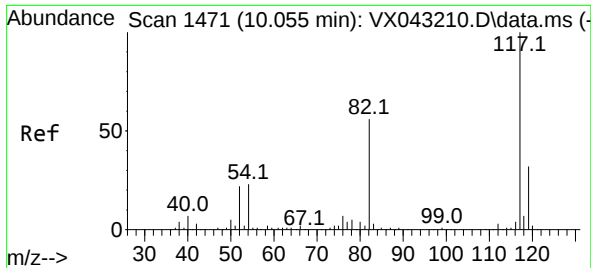
Tgt Ion: 98 Resp: 215764
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.557 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043468.D
Acq: 21 Oct 2024 20:26

Tgt Ion: 95 Resp: 81114
Ion Ratio Lower Upper
95 100
174 72.0 0.0 145.0
176 70.1 0.0 143.0

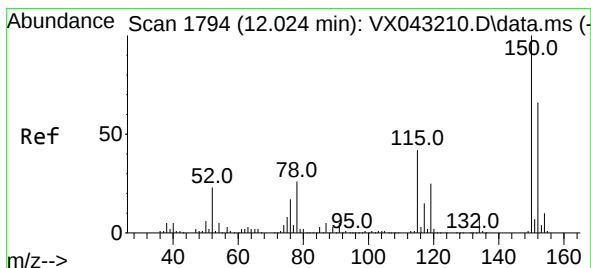
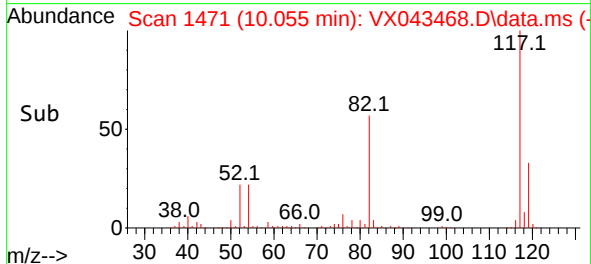
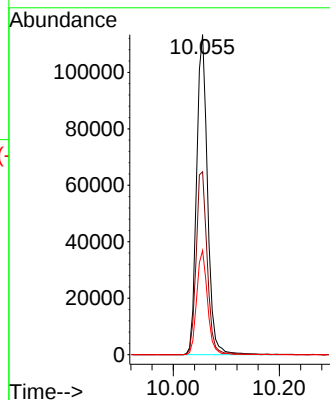
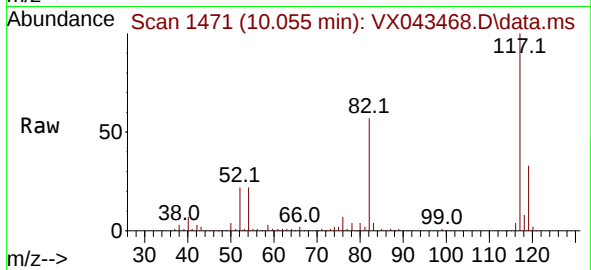




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043468.D
Acq: 21 Oct 2024 20:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 162177
Ion Ratio Lower Upper
117 100
82 57.2 45.0 67.6
119 32.6 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: VX043468.D
Acq: 21 Oct 2024 20:26

Tgt Ion:152 Resp: 72834
Ion Ratio Lower Upper
152 100
115 61.7 44.1 132.3
150 154.9 0.0 347.4

