

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102124\
 Data File : VX043453.D
 Acq On : 21 Oct 2024 14:39
 Operator : JC/MD
 Sample : P4425-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 21 17:41:51 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)

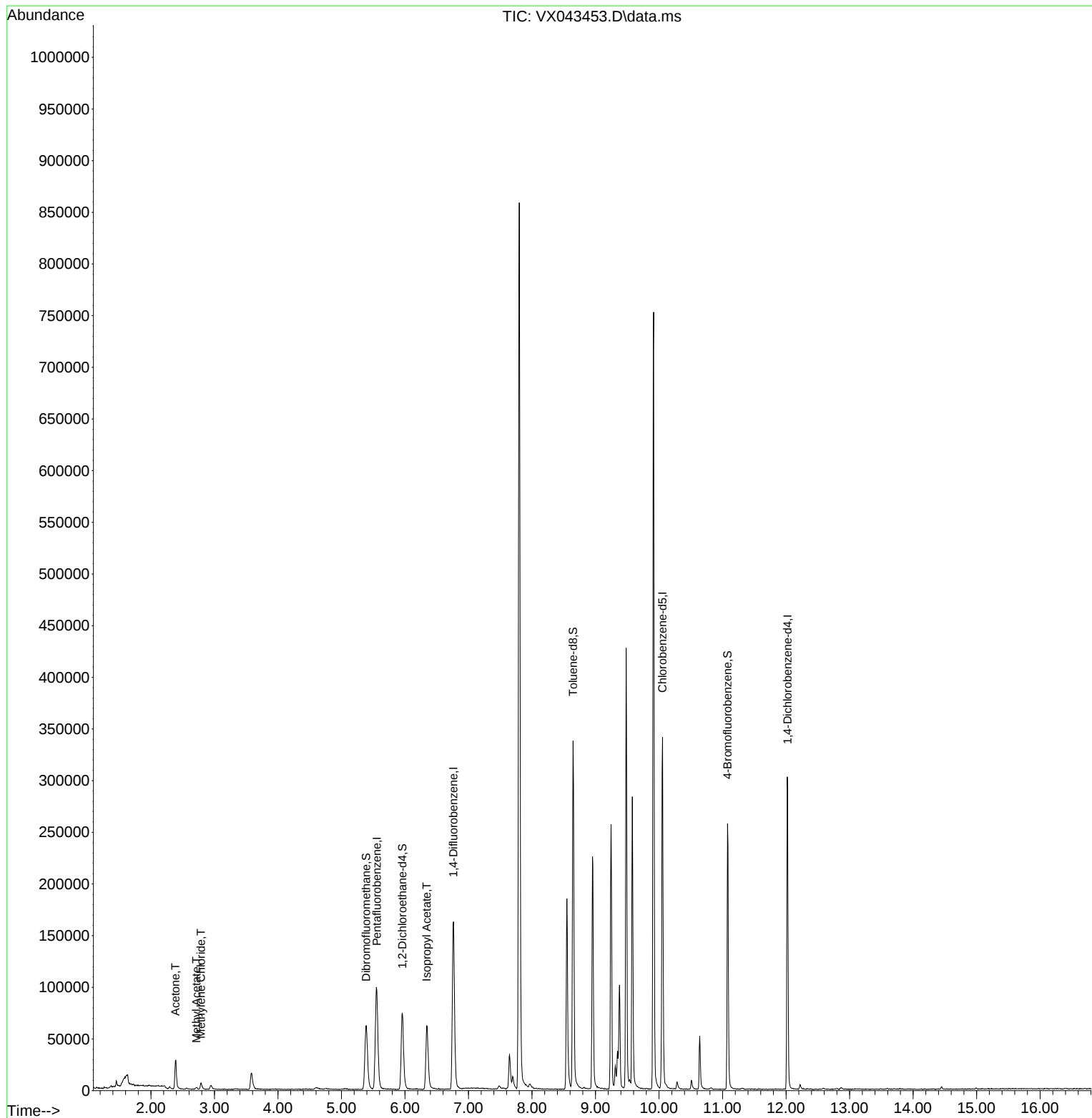
Internal Standards						
1) Pentafluorobenzene	5.556	168	88841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	165761	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	76113	52.459	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.920%
35) Dibromofluoromethane	5.385	113	56280	49.232	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.460%
50) Toluene-d8	8.647	98	198044	49.992	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.980%
62) 4-Bromofluorobenzene	11.079	95	72094	50.093	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.180%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	33351	55.043	ug/l	98
18) Methyl Acetate	2.715	43	2401	1.580	ug/l	98
20) Methylene Chloride	2.788	84	2978	2.666	ug/l	88
43) Isopropyl Acetate	6.342	43	89380	31.202	ug/l	100

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

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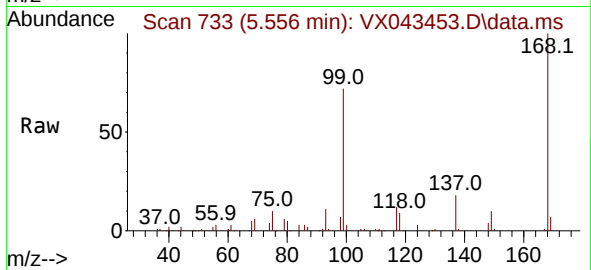


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX043453.D
Acq: 21 Oct 2024 14:39

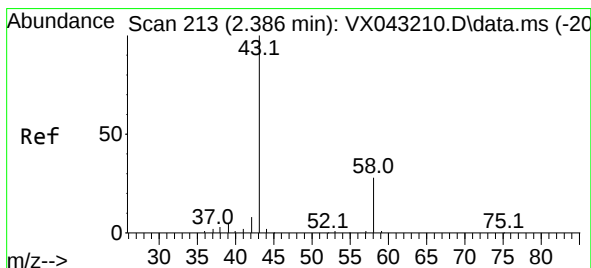
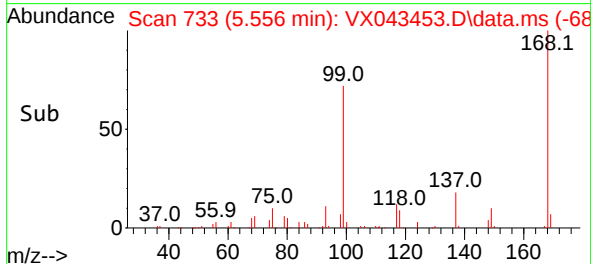
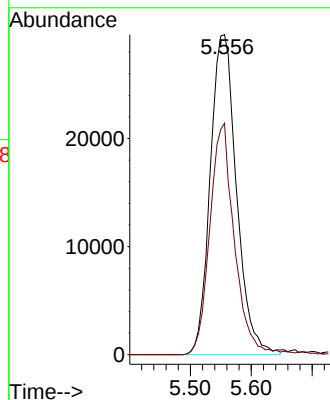
Instrument :

MSVOA_X

ClientSampleId :

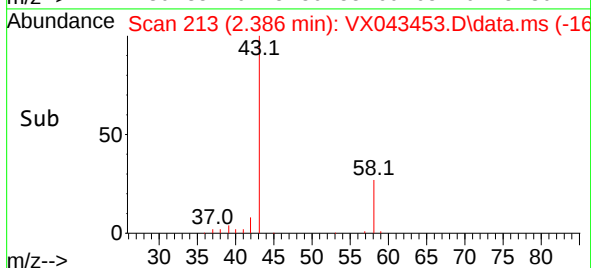
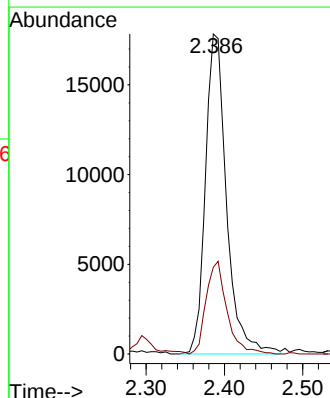
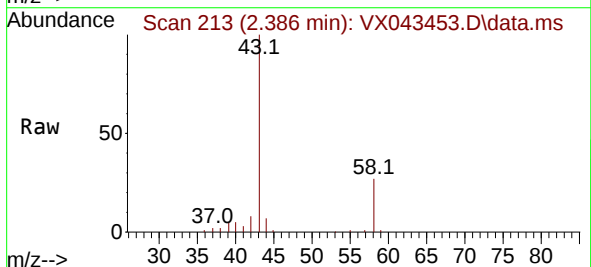


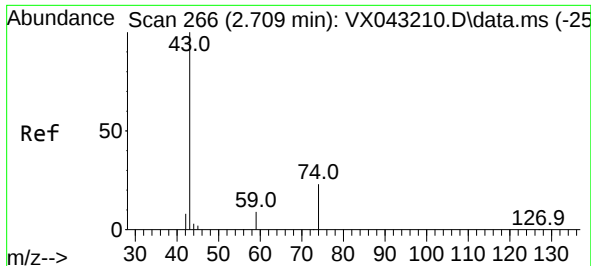
Tgt Ion:168 Resp: 88841
Ion Ratio Lower Upper
168 100
99 72.3 49.7 74.5



#16
Acetone
Concen: 55.043 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043453.D
Acq: 21 Oct 2024 14:39

Tgt Ion: 43 Resp: 33351
Ion Ratio Lower Upper
43 100
58 27.1 22.6 33.8

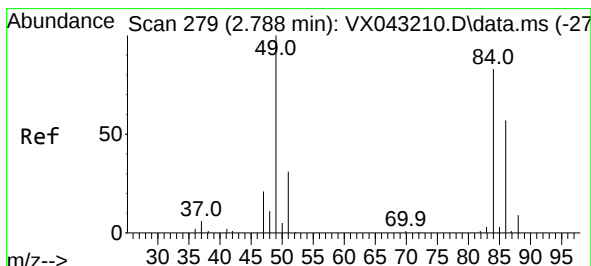
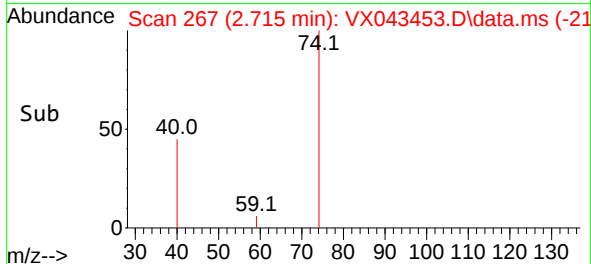
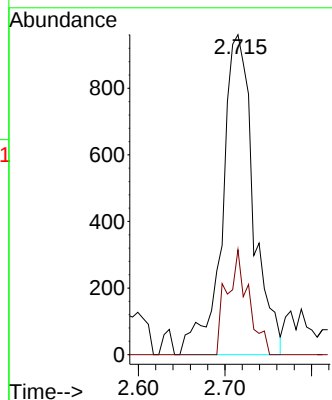
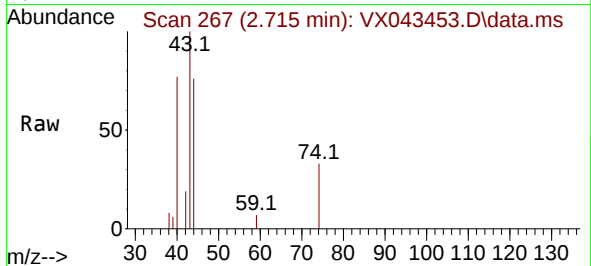




#18
Methyl Acetate
Concen: 1.580 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX043453.D
Acq: 21 Oct 2024 14:39

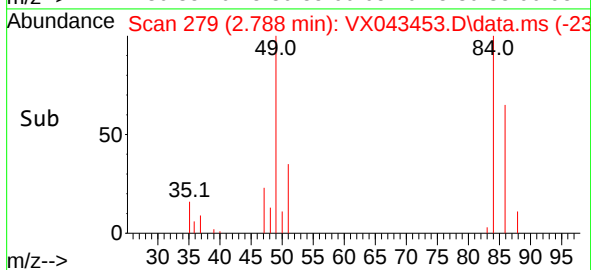
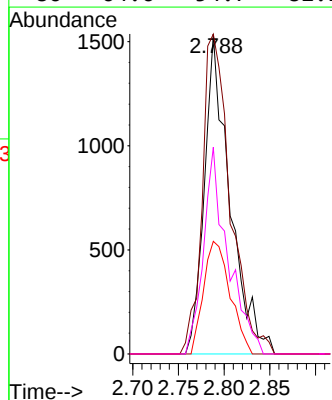
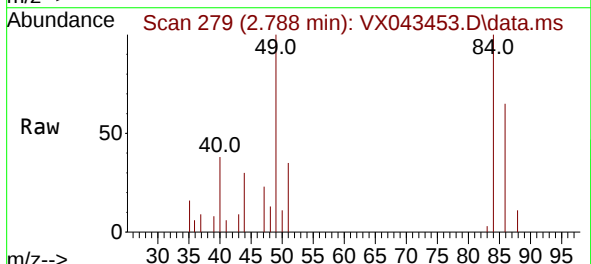
Instrument :
MSVOA_X
ClientSampleId :

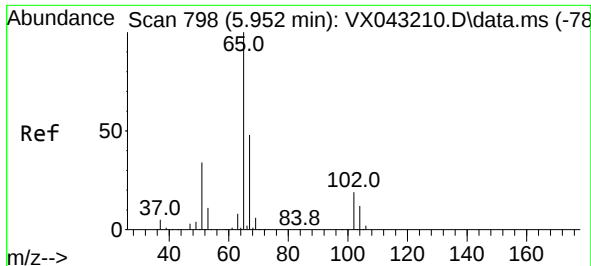
Tgt Ion: 43 Resp: 2401
Ion Ratio Lower Upper
43 100
74 22.9 19.1 28.7



#20
Methylene Chloride
Concen: 2.666 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX043453.D
Acq: 21 Oct 2024 14:39

Tgt Ion: 84 Resp: 2978
Ion Ratio Lower Upper
84 100
49 99.9 96.7 145.1
51 35.2 30.4 45.6
86 64.6 54.7 82.1





#33

1,2-Dichloroethane-d4

Concen: 52.459 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX043453.D

Acq: 21 Oct 2024 14:39

Instrument :

MSVOA_X

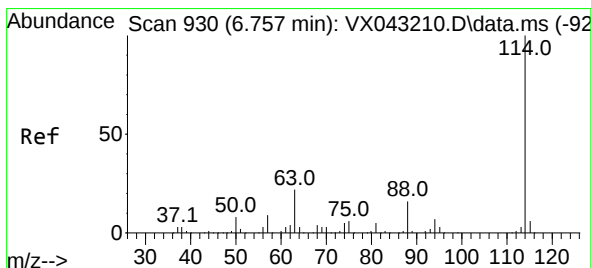
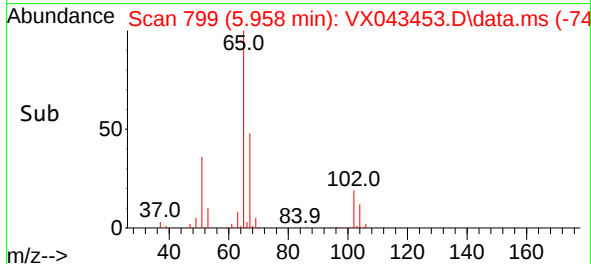
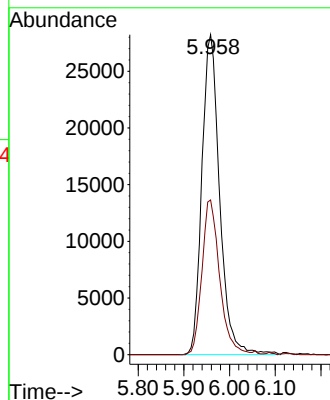
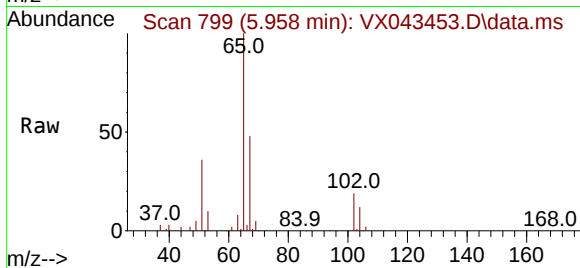
ClientSampleId :

Tgt Ion: 65 Resp: 76113

Ion Ratio Lower Upper

65 100

67 48.2 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: VX043453.D

Acq: 21 Oct 2024 14:39

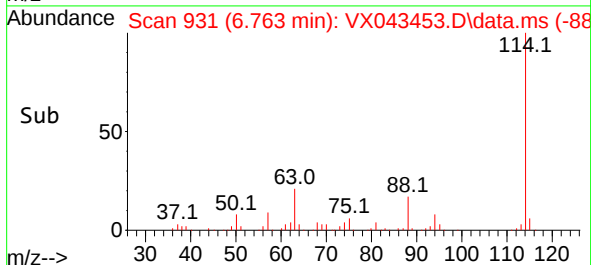
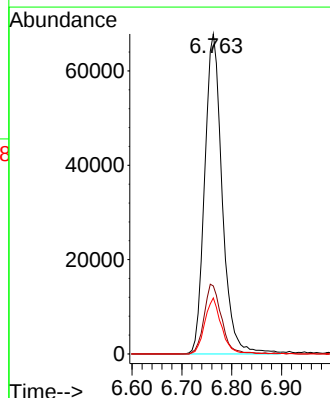
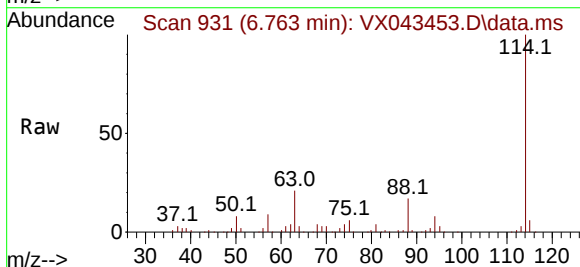
Tgt Ion: 114 Resp: 165761

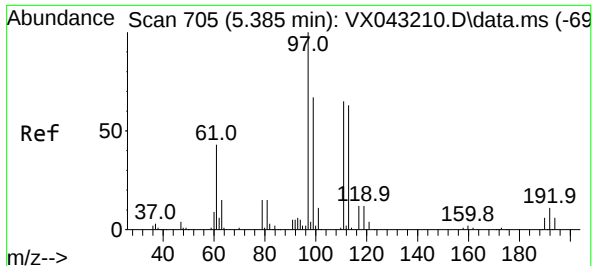
Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.0

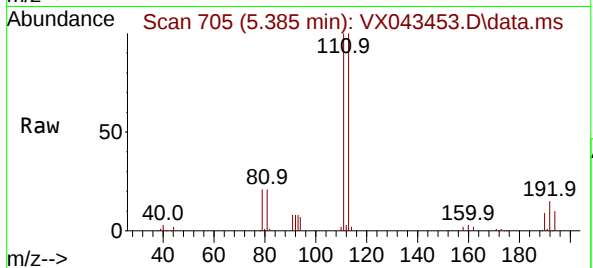
88 17.5 0.0 33.0



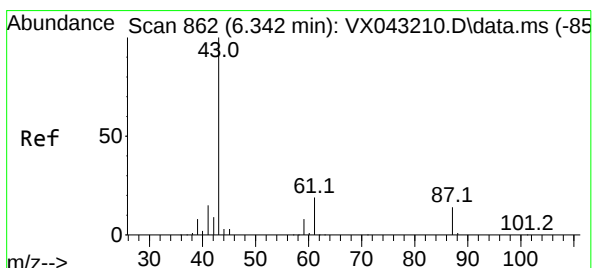
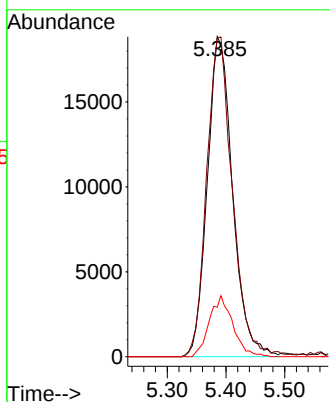
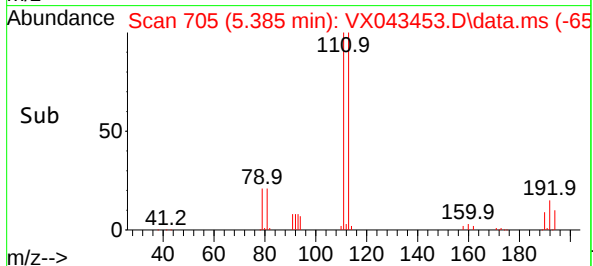


#35
Dibromofluoromethane
Concen: 49.232 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043453.D
Acq: 21 Oct 2024 14:39

Instrument :
MSVOA_X
ClientSampleId :

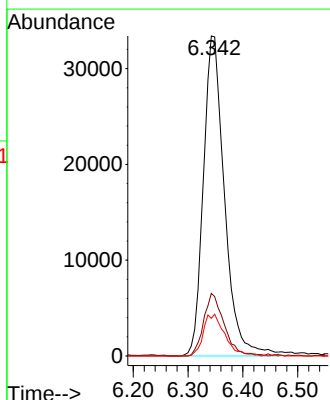
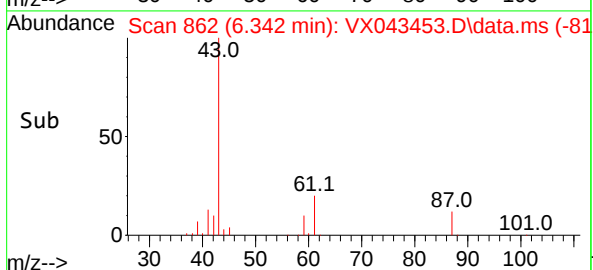
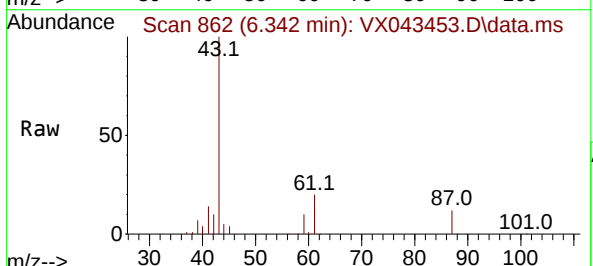


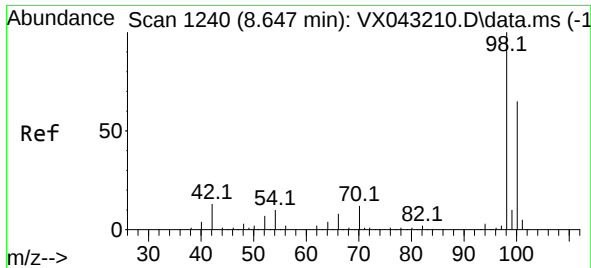
Tgt Ion:113 Resp: 56280
Ion Ratio Lower Upper
113 100
111 102.1 83.4 125.0
192 17.7 14.1 21.1



#43
Isopropyl Acetate
Concen: 31.202 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX043453.D
Acq: 21 Oct 2024 14:39

Tgt Ion: 43 Resp: 89380
Ion Ratio Lower Upper
43 100
61 18.8 15.1 22.7
87 13.3 10.8 16.2

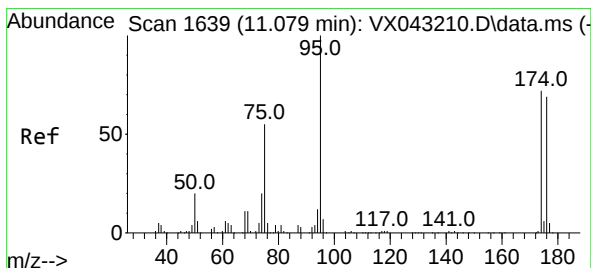
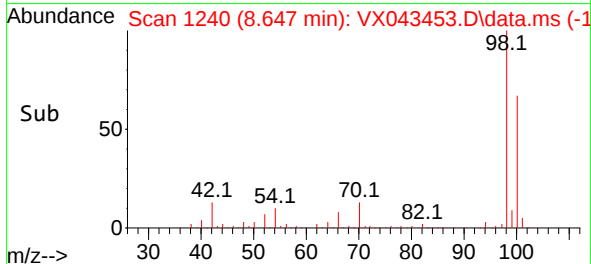
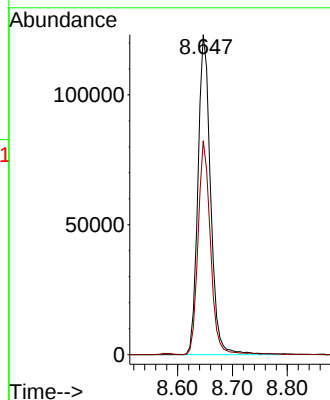
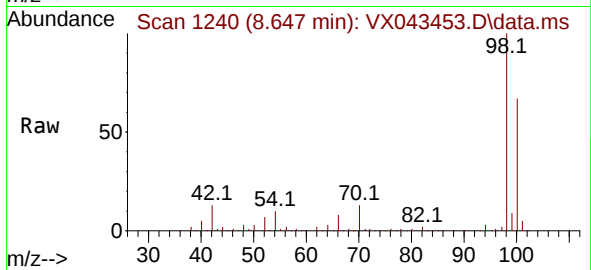




#50
Toluene-d8
Concen: 49.992 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043453.D
Acq: 21 Oct 2024 14:39

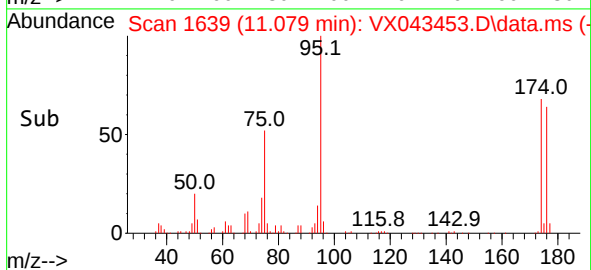
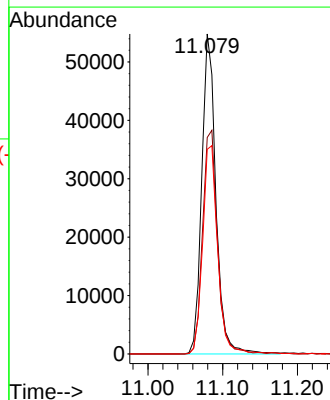
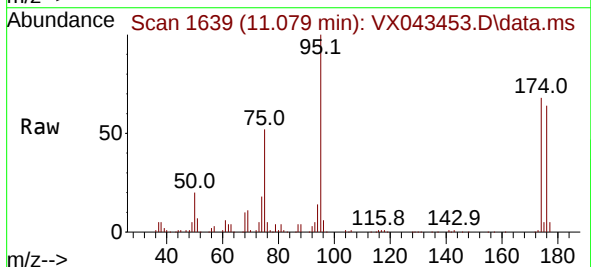
Instrument :
MSVOA_X
ClientSampleId :

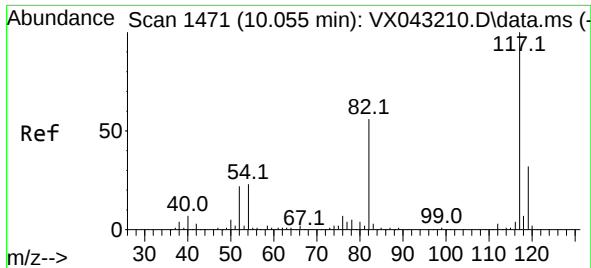
Tgt Ion: 98 Resp: 198044
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 50.093 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043453.D
Acq: 21 Oct 2024 14:39

Tgt Ion: 95 Resp: 72094
Ion Ratio Lower Upper
95 100
174 73.5 0.0 145.0
176 69.6 0.0 143.0

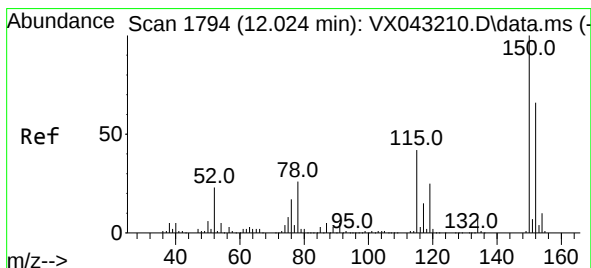
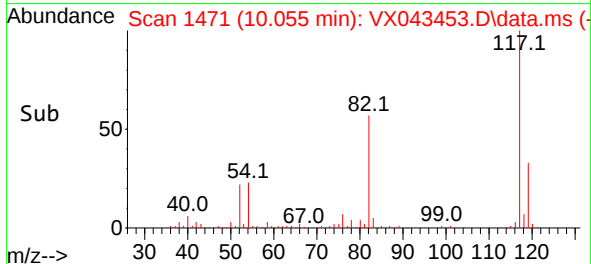
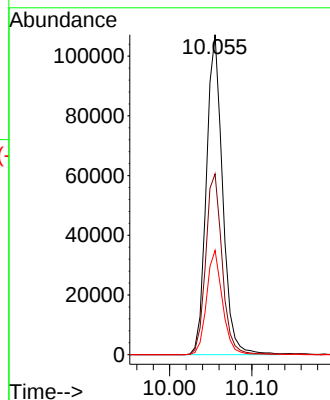
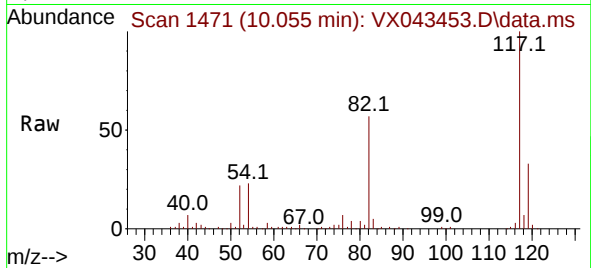




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043453.D
Acq: 21 Oct 2024 14:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 147262
Ion Ratio Lower Upper
117 100
82 56.5 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: VX043453.D
Acq: 21 Oct 2024 14:39

Tgt Ion:152 Resp: 63074
Ion Ratio Lower Upper
152 100
115 65.3 44.1 132.3
150 157.8 0.0 347.4

