

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071624\
 Data File : VX042345.D
 Acq On : 16 Jul 2024 16:17
 Operator : JC/MD
 Sample : PB162077ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB162077ZHE#02

Quant Time: Jul 17 05:39:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

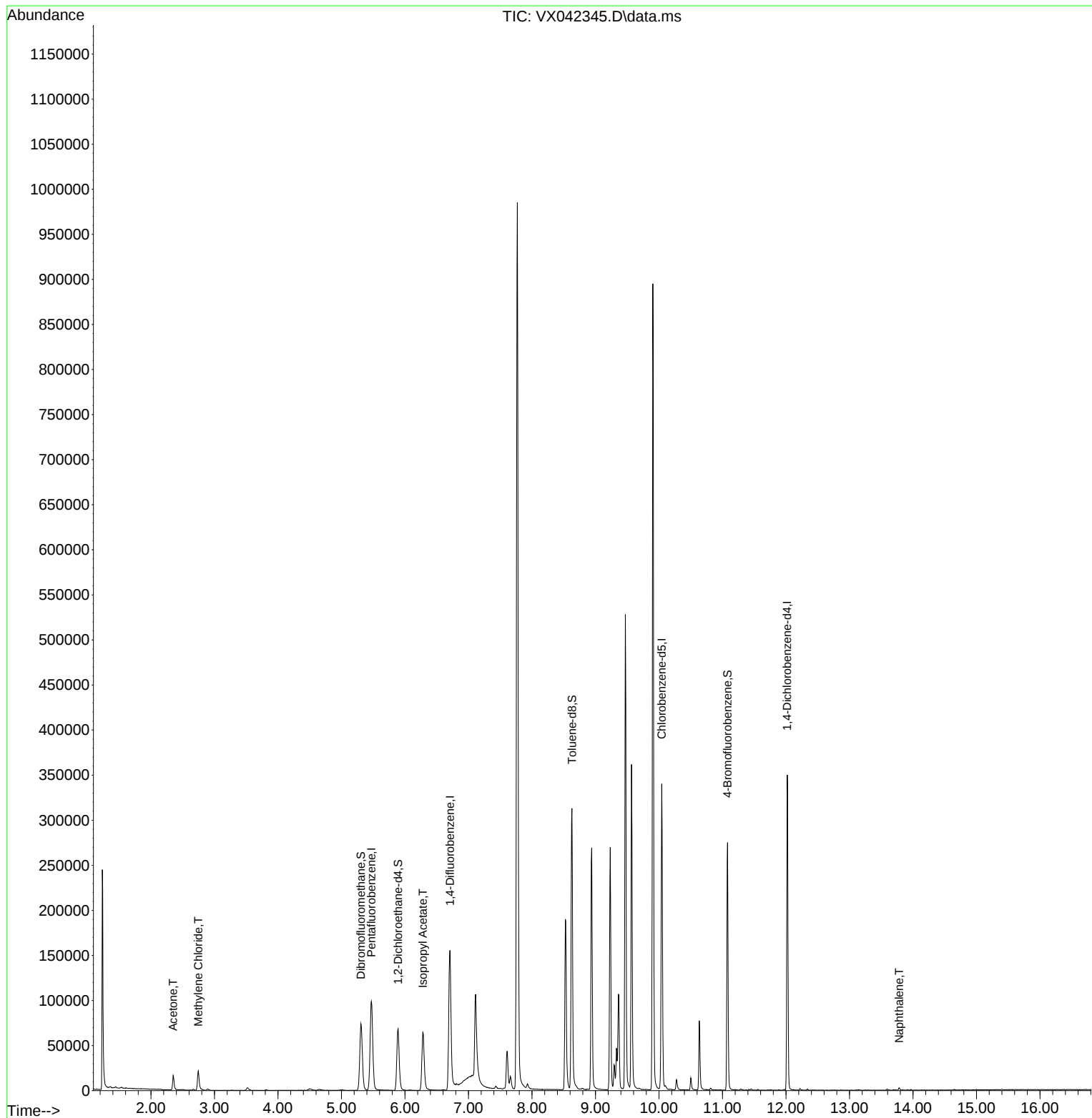
Internal Standards						
1) Pentafluorobenzene	5.471	168	114236	50.000	ug/l	#-0.08
34) 1,4-Difluorobenzene	6.708	114	177550	50.000	ug/l	-0.05
63) Chlorobenzene-d5	10.043	117	167467	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.018	152	85617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.891	65	64870	49.245	ug/l	-0.07
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.500%
35) Dibromofluoromethane	5.306	113	64572	51.255	ug/l	-0.09
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.520%
50) Toluene-d8	8.629	98	201196	45.460	ug/l	-0.02
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.920%#
62) 4-Bromofluorobenzene	11.079	95	73400	44.991	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.980%
Target Compounds						
					Qvalue	
16) Acetone	2.349	43	17448	30.165	ug/l	92
20) Methylene Chloride	2.746	84	12018	9.489	ug/l #	88
43) Isopropyl Acetate	6.282	43	90191	33.717	ug/l #	93
95) Naphthalene	13.780	128	2445	1.140	ug/l	97

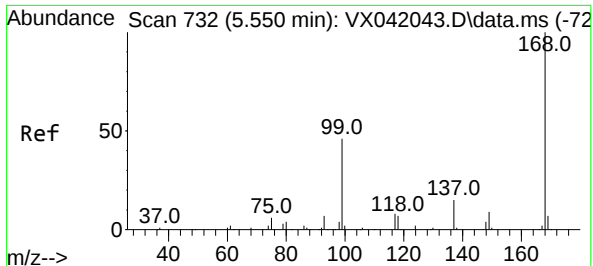
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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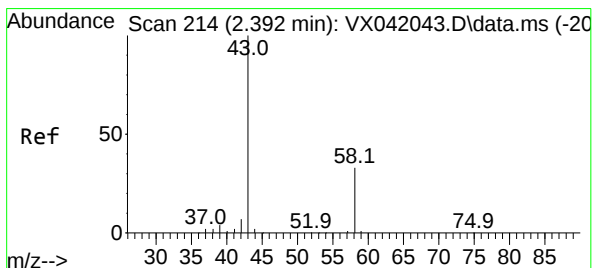
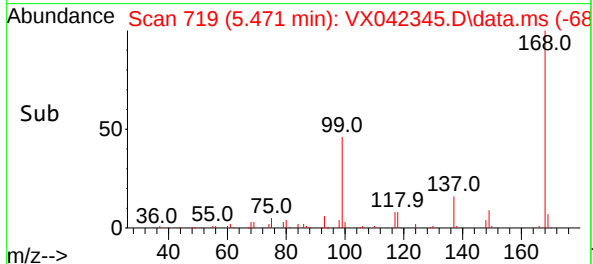
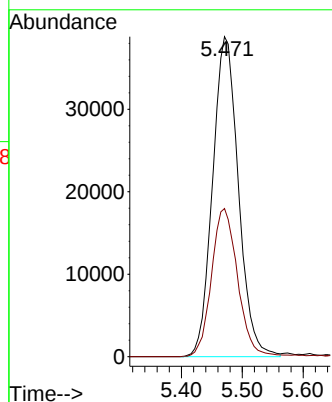
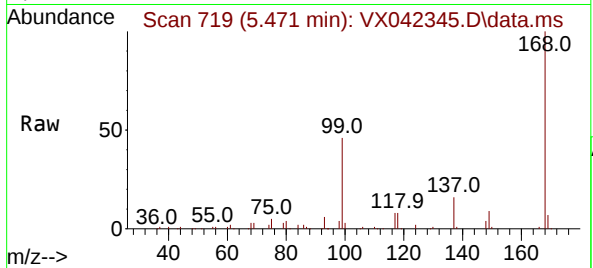




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.471 min Scan# 71
Delta R.T. -0.079 min
Lab File: VX042345.D
Acq: 16 Jul 2024 16:17

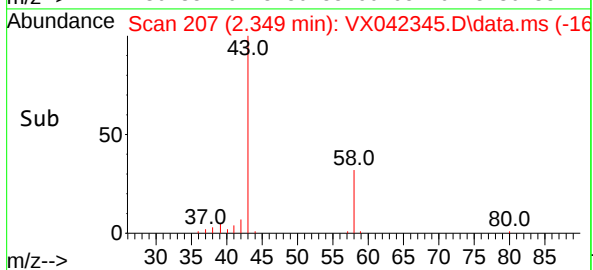
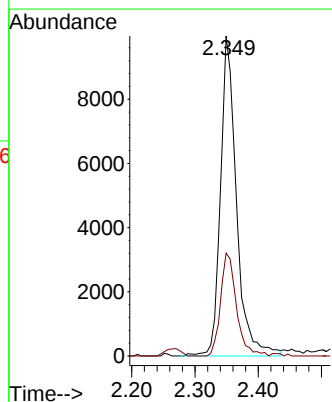
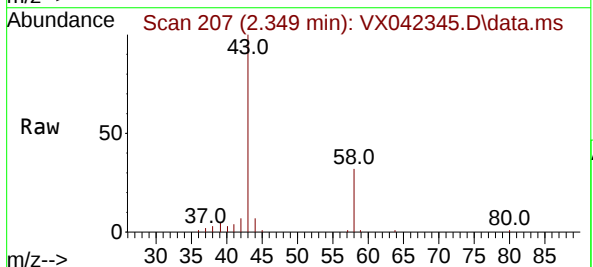
Instrument :
MSVOA_X
ClientSampleId :
PB162077ZHE#02

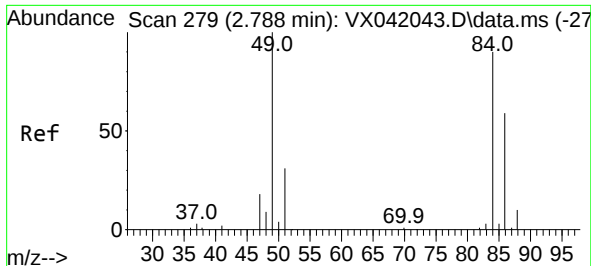
Tgt Ion:168 Resp: 114236
Ion Ratio Lower Upper
168 100
99 46.3 56.6 85.0#



#16
Acetone
Concen: 30.165 ug/l
RT: 2.349 min Scan# 207
Delta R.T. -0.049 min
Lab File: VX042345.D
Acq: 16 Jul 2024 16:17

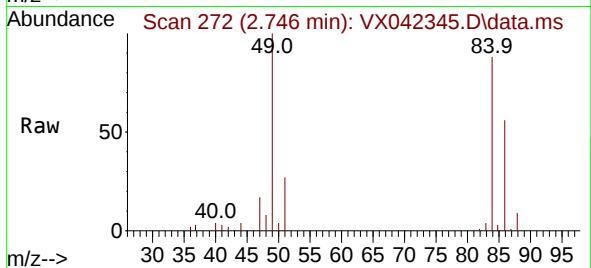
Tgt Ion: 43 Resp: 17448
Ion Ratio Lower Upper
43 100
58 31.5 21.9 32.9



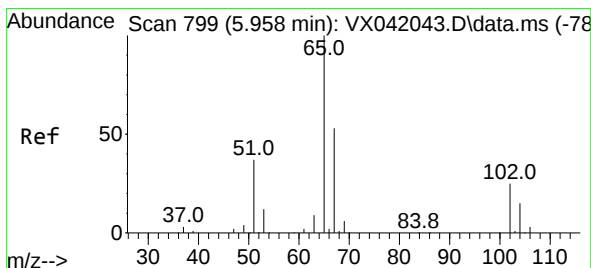
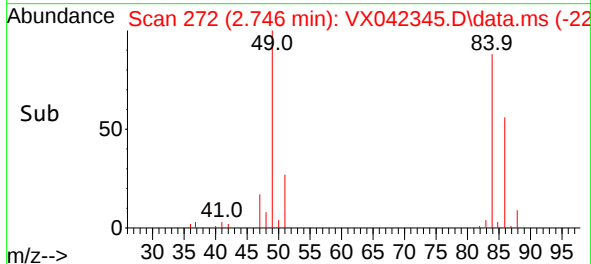
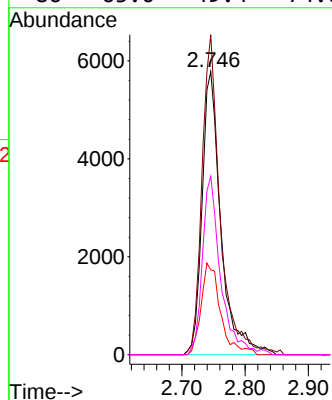


#20
Methylene Chloride
Concen: 9.489 ug/l
RT: 2.746 min Scan# 21
Delta R.T. -0.036 min
Lab File: VX042345.D
Acq: 16 Jul 2024 16:17

Instrument :
MSVOA_X
ClientSampleId :
PB162077ZHE#02

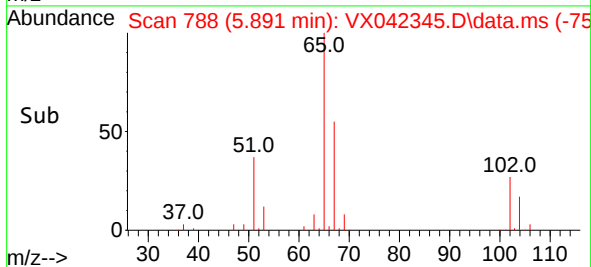
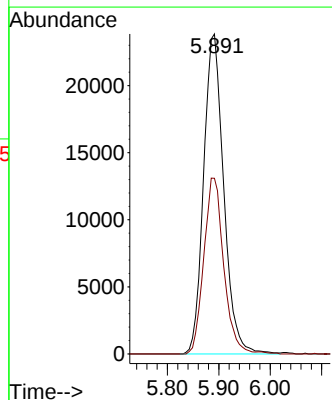
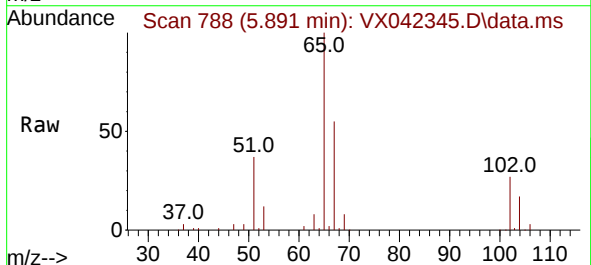


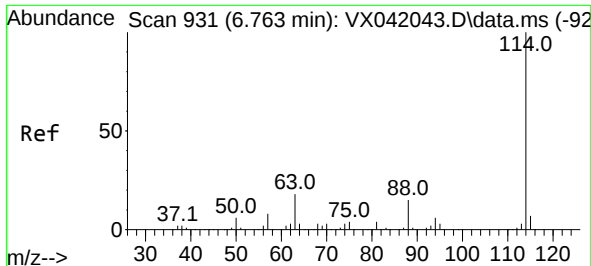
Tgt Ion: 84	Resp: 12018
Ion Ratio	Lower Upper
84 100	
49 113.1	103.6 155.4
51 30.0	33.8 50.6#
86 63.0	49.4 74.0



#33
1,2-Dichloroethane-d4
Concen: 49.245 ug/l
RT: 5.891 min Scan# 788
Delta R.T. -0.067 min
Lab File: VX042345.D
Acq: 16 Jul 2024 16:17

Tgt Ion: 65	Resp: 64870
Ion Ratio	Lower Upper
65 100	
67 54.6	0.0 100.2

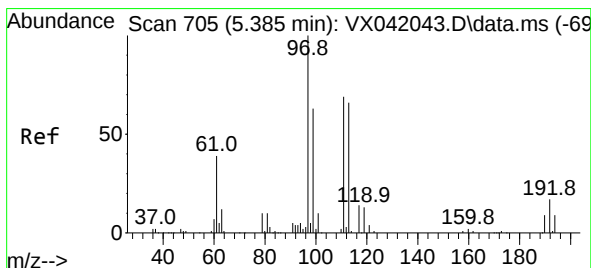
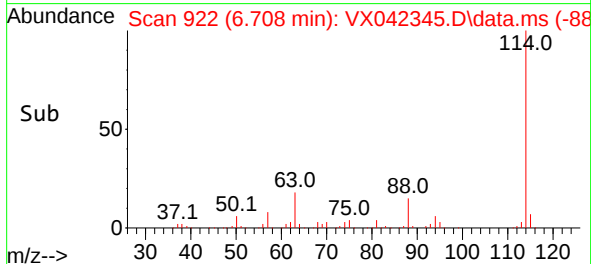
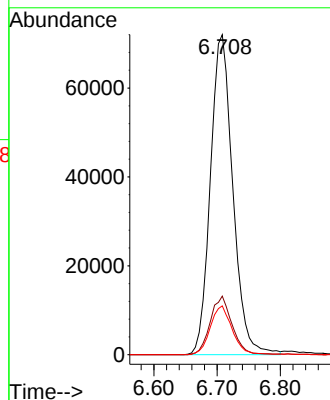
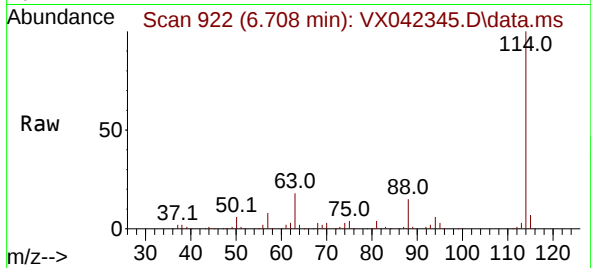




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.708 min Scan# 911
Delta R.T. -0.055 min
Lab File: VX042345.D
Acq: 16 Jul 2024 16:17

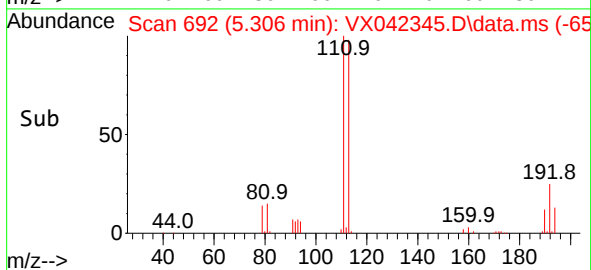
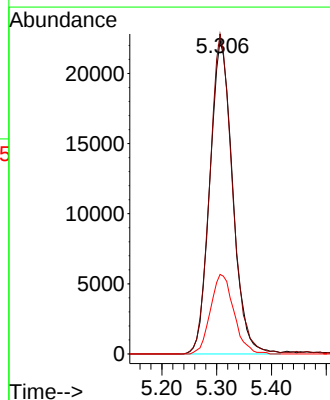
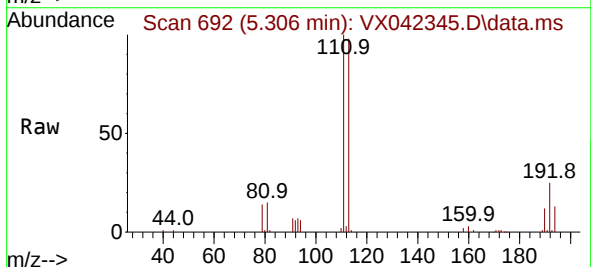
Instrument :
MSVOA_X
ClientSampleId :
PB162077ZHE#02

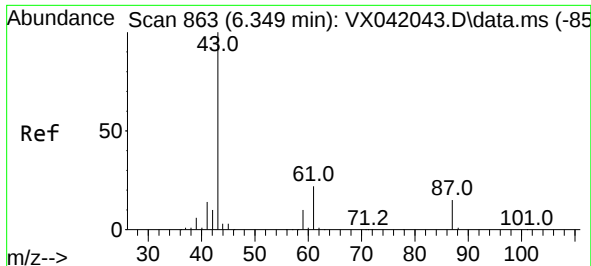
Tgt Ion:114 Resp: 177550
Ion Ratio Lower Upper
114 100
63 18.3 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 51.255 ug/l
RT: 5.306 min Scan# 692
Delta R.T. -0.085 min
Lab File: VX042345.D
Acq: 16 Jul 2024 16:17

Tgt Ion:113 Resp: 64572
Ion Ratio Lower Upper
113 100
111 101.0 82.9 124.3
192 25.9 13.3 19.9#

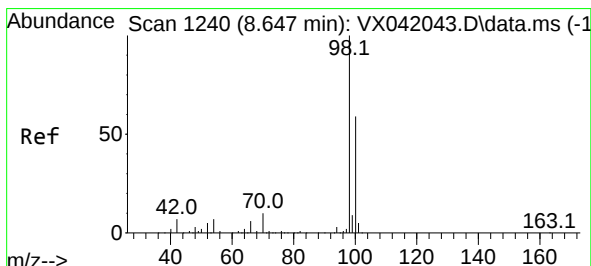
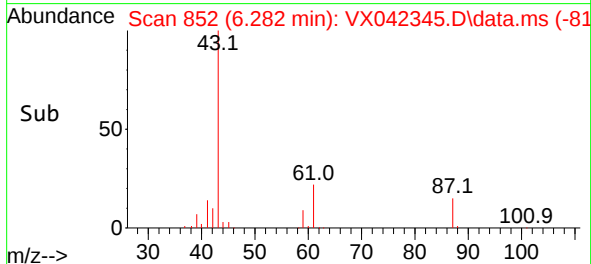
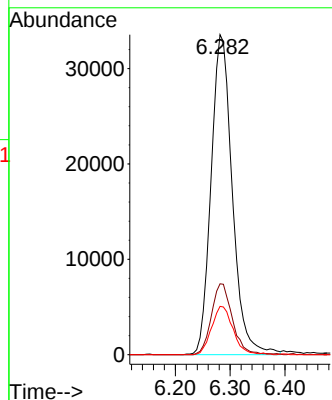
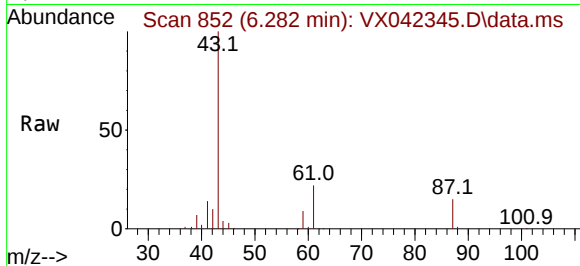




#43
Isopropyl Acetate
Concen: 33.717 ug/l
RT: 6.282 min Scan# 81
Delta R.T. -0.067 min
Lab File: VX042345.D
Acq: 16 Jul 2024 16:17

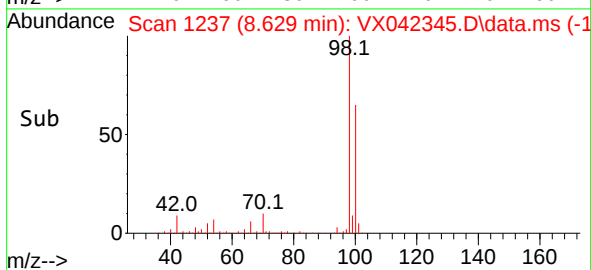
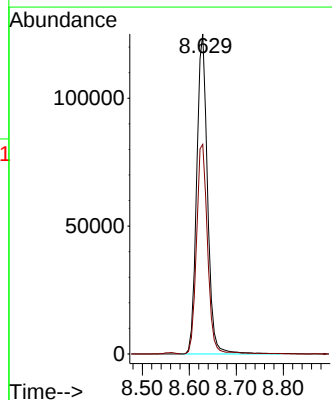
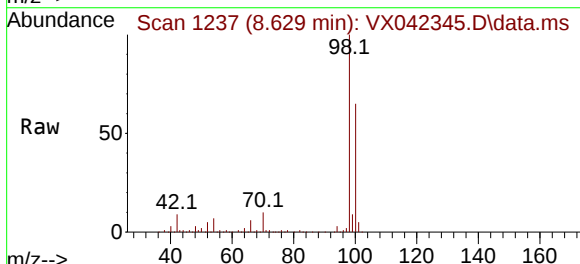
Instrument :
MSVOA_X
ClientSampleId :
PB162077ZHE#02

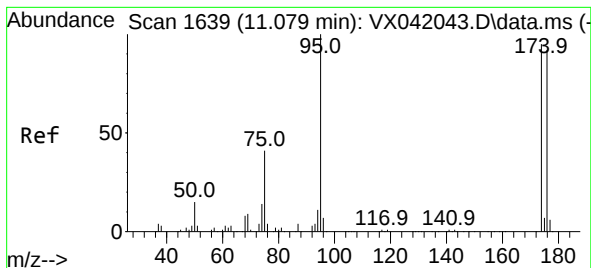
Tgt Ion: 43 Resp: 90191
Ion Ratio Lower Upper
43 100
61 21.9 15.2 22.8
87 15.3 9.8 14.6#



#50
Toluene-d8
Concen: 45.460 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.018 min
Lab File: VX042345.D
Acq: 16 Jul 2024 16:17

Tgt Ion: 98 Resp: 201196
Ion Ratio Lower Upper
98 100
100 67.2 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 44.991 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042345.D

Acq: 16 Jul 2024 16:17

Instrument :

MSVOA_X

ClientSampleId :

PB162077ZHE#02

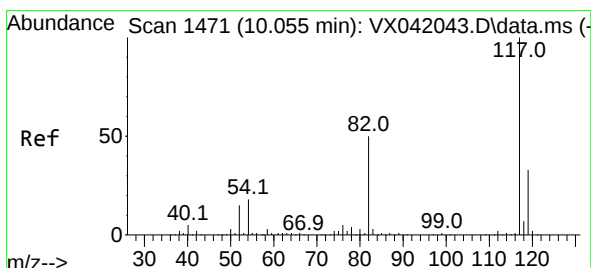
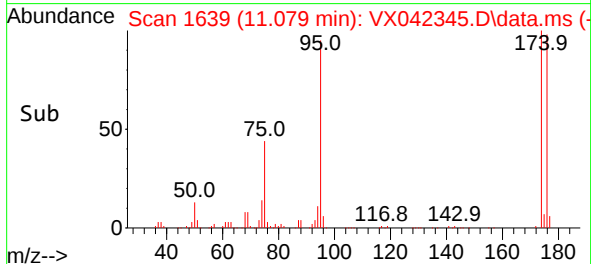
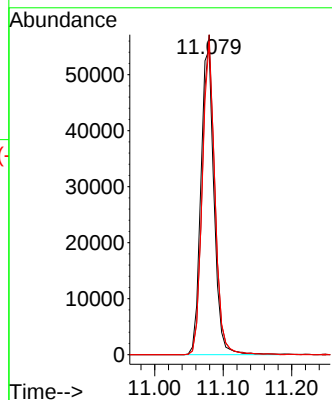
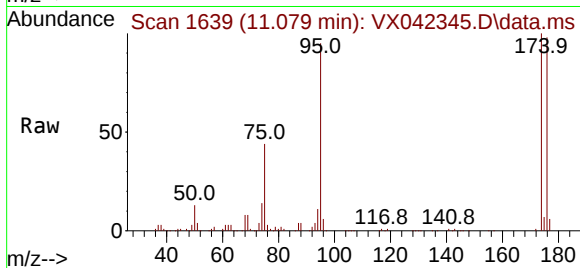
Tgt Ion: 95 Resp: 73400

Ion Ratio Lower Upper

95 100

174 99.5 0.0 135.6

176 97.6 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.043 min Scan# 1469

Delta R.T. -0.012 min

Lab File: VX042345.D

Acq: 16 Jul 2024 16:17

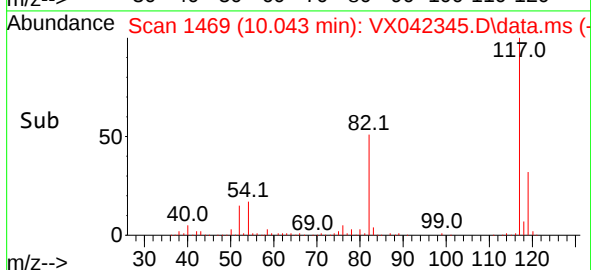
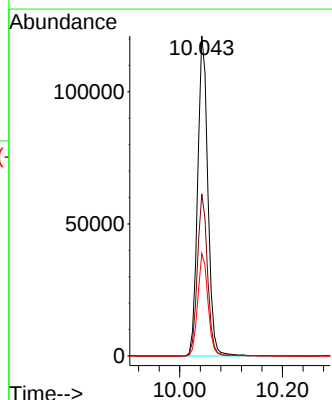
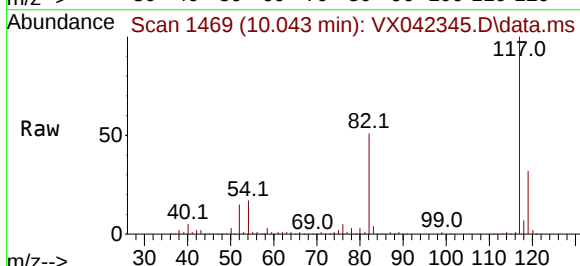
Tgt Ion: 117 Resp: 167467

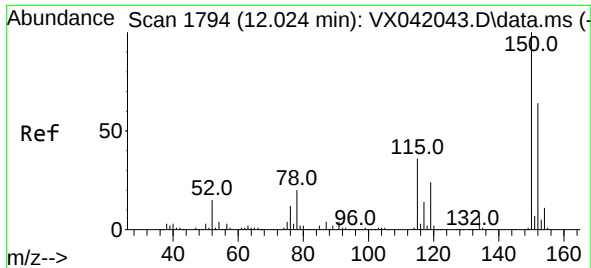
Ion Ratio Lower Upper

117 100

82 50.7 46.2 69.4

119 32.0 25.5 38.3

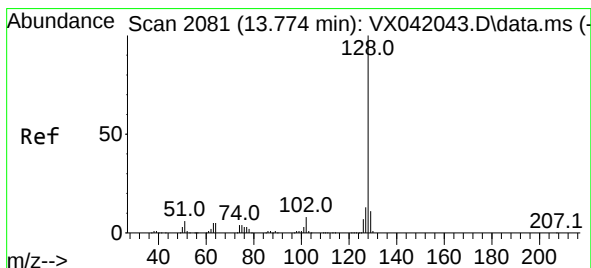
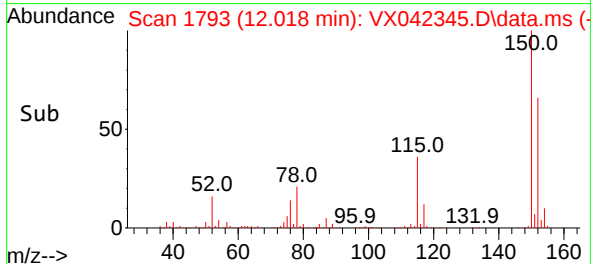
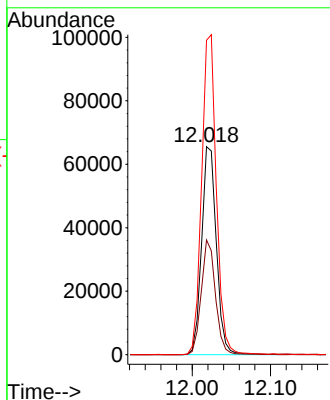
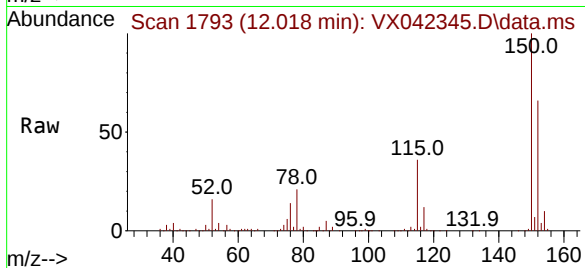




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX042345.D
Acq: 16 Jul 2024 16:17

Instrument :
MSVOA_X
ClientSampleId :
PB162077ZHE#02

Tgt Ion:152 Resp: 85617
Ion Ratio Lower Upper
152 100
115 53.3 43.3 129.9
150 154.4 0.0 345.0



#95
Naphthalene
Concen: 1.140 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX042345.D
Acq: 16 Jul 2024 16:17

Tgt Ion:128 Resp: 2445
Ion Ratio Lower Upper
128 100
127 14.3 10.3 15.5
129 9.8 8.8 13.2

