

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071024\
 Data File : VX042261.D
 Acq On : 10 Jul 2024 12:49
 Operator : JC/MD
 Sample : PB161974ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB161974ZHE#02

Quant Time: Jul 11 00:54:58 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)

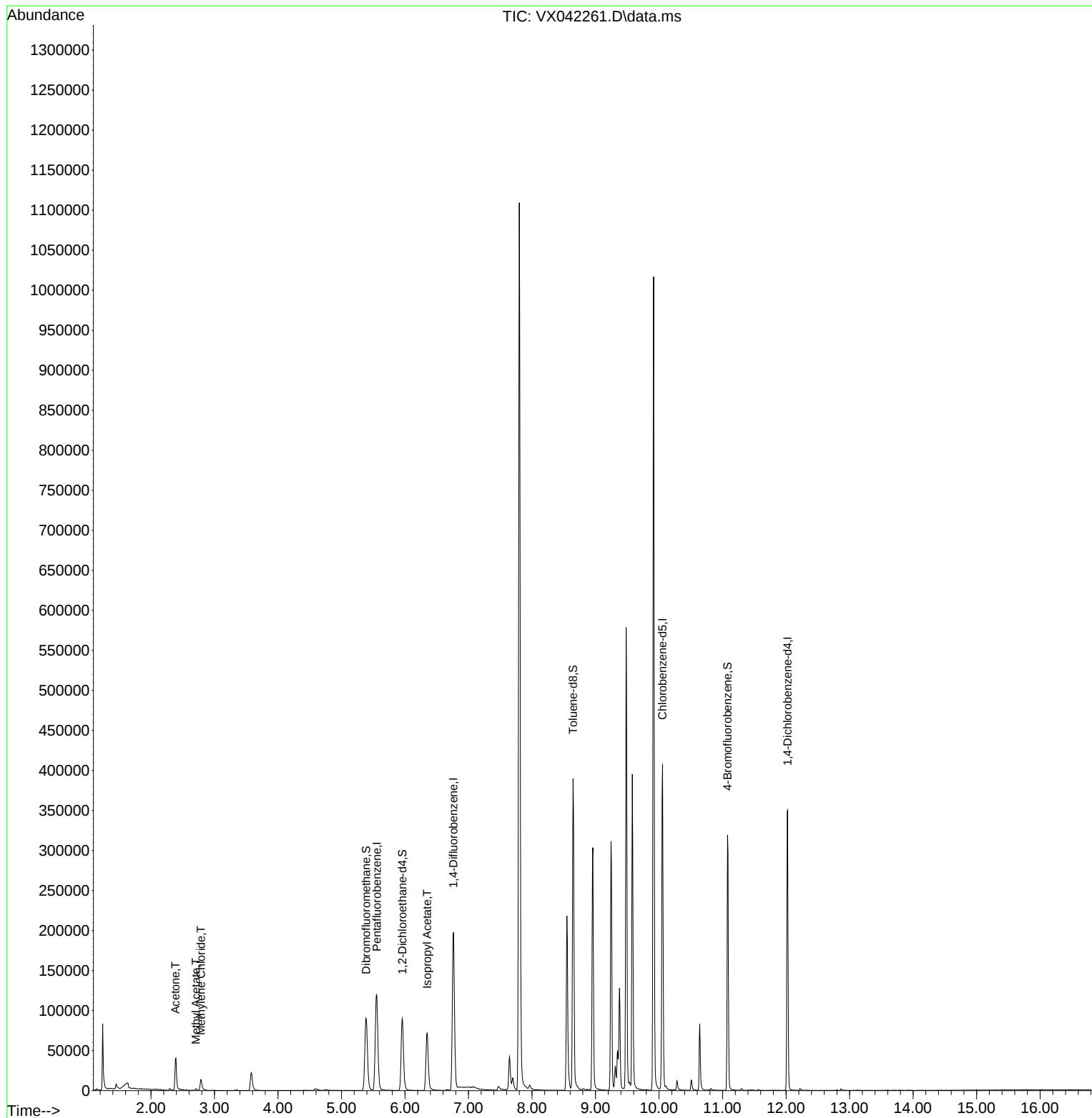
Internal Standards						
1) Pentafluorobenzene	5.556	168	134697	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	223389	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85408	54.987	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.980%	
35) Dibromofluoromethane	5.385	113	81650	51.512	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.020%	
50) Toluene-d8	8.647	98	239171	42.951	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 85.900%#	
62) 4-Bromofluorobenzene	11.079	95	85451	41.630	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 83.260%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	49128	72.033	ug/l	# 89
18) Methyl Acetate	2.709	43	2736	1.471	ug/l	94
20) Methylene Chloride	2.788	84	7962	5.331	ug/l	94
43) Isopropyl Acetate	6.348	43	100528	29.870	ug/l	94

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

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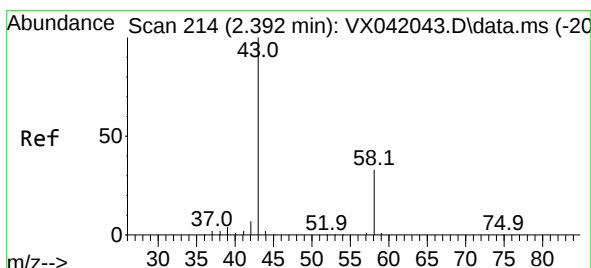
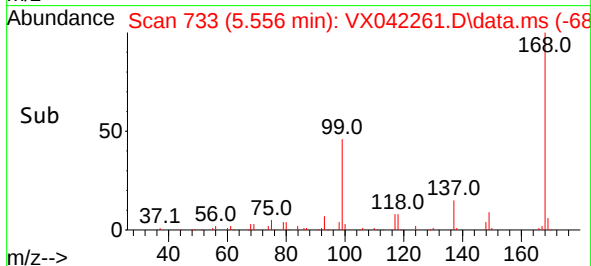
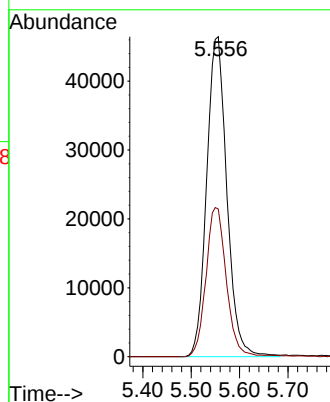
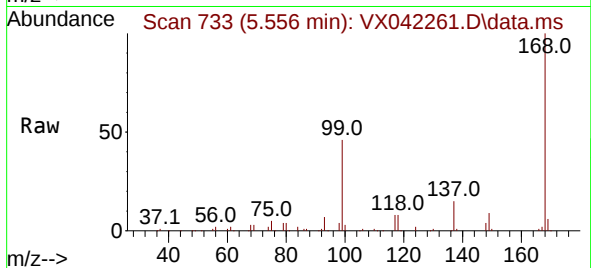




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX042261.D
Acq: 10 Jul 2024 12:49

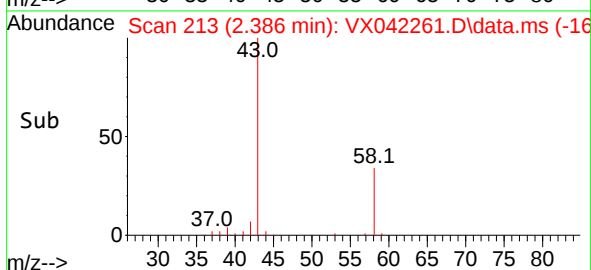
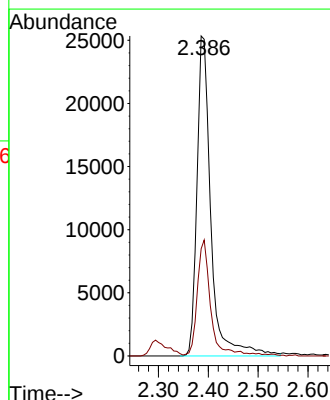
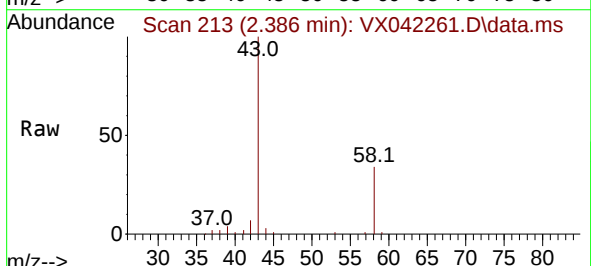
Instrument :
MSVOA_X
ClientSampleId :
PB161974ZHE#02

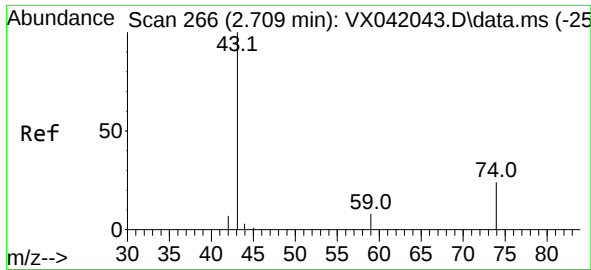
Tgt Ion:168 Resp: 134697
Ion Ratio Lower Upper
168 100
99 46.1 56.6 85.0#



#16
Acetone
Concen: 72.033 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX042261.D
Acq: 10 Jul 2024 12:49

Tgt Ion: 43 Resp: 49128
Ion Ratio Lower Upper
43 100
58 33.3 21.9 32.9#

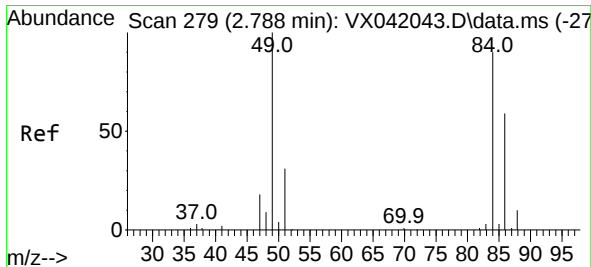
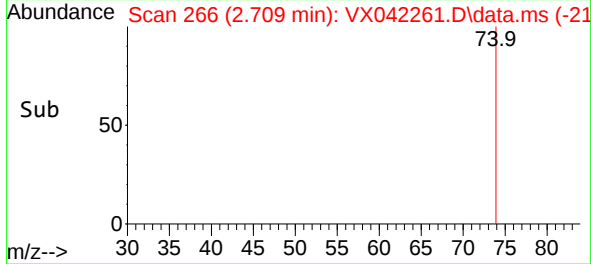
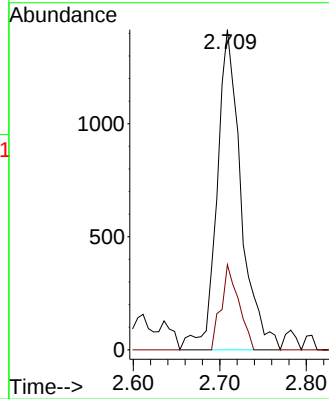
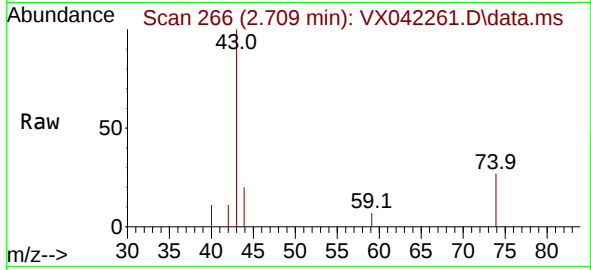




#18
Methyl Acetate
Concen: 1.471 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX042261.D
Acq: 10 Jul 2024 12:49

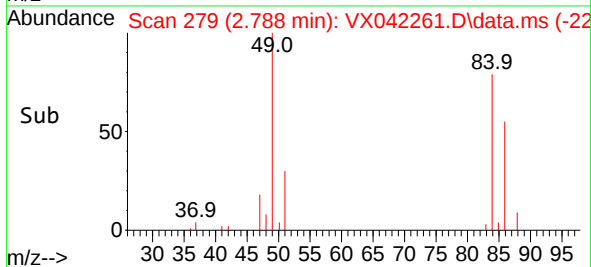
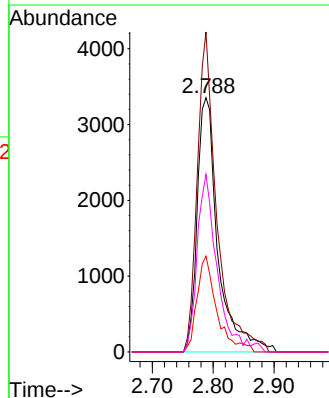
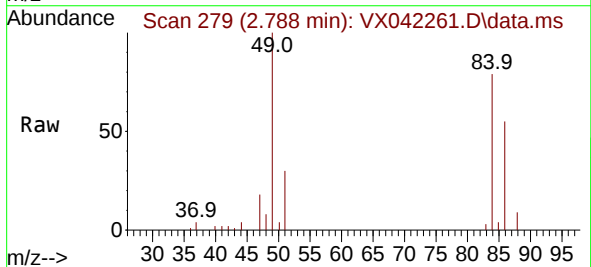
Instrument :
MSVOA_X
ClientSampleId :
PB161974ZHE#02

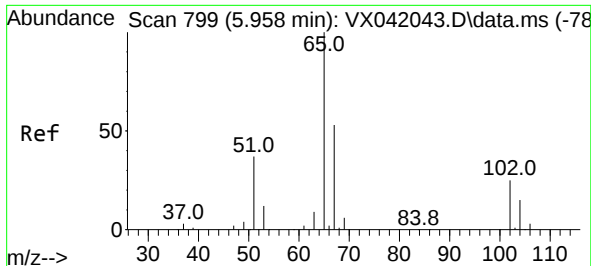
Tgt Ion: 43 Resp: 2736
Ion Ratio Lower Upper
43 100
74 19.4 17.8 26.8



#20
Methylene Chloride
Concen: 5.331 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042261.D
Acq: 10 Jul 2024 12:49

Tgt Ion: 84 Resp: 7962
Ion Ratio Lower Upper
84 100
49 125.8 103.6 155.4
51 37.7 33.8 50.6
86 69.8 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 54.987 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX042261.D

Acq: 10 Jul 2024 12:49

Instrument :

MSVOA_X

ClientSampleId :

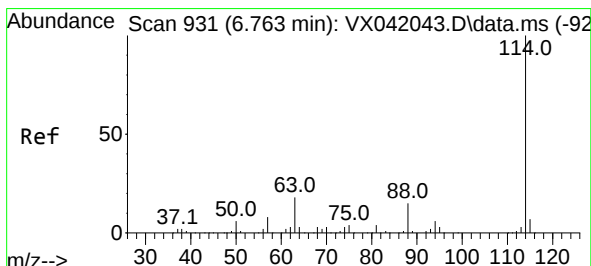
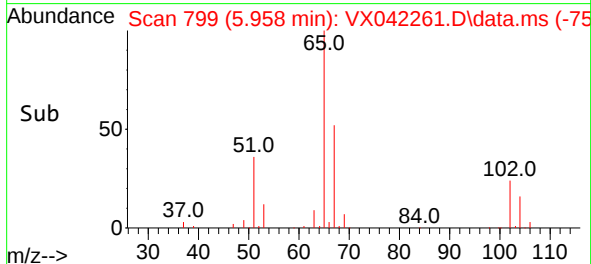
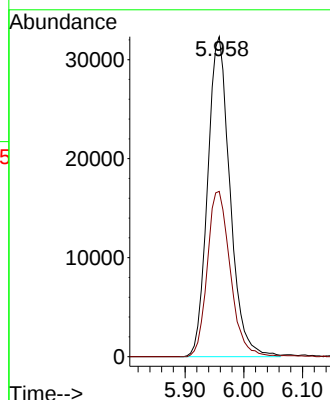
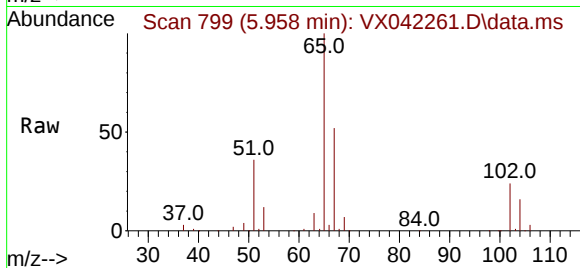
PB161974ZHE#02

Tgt Ion: 65 Resp: 85408

Ion Ratio Lower Upper

65 100

67 53.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX042261.D

Acq: 10 Jul 2024 12:49

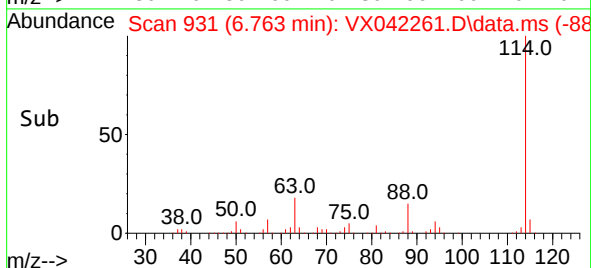
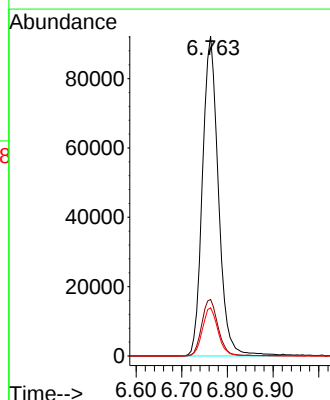
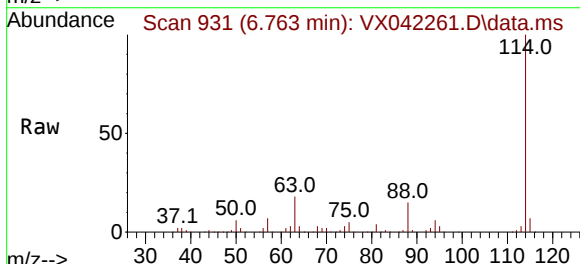
Tgt Ion: 114 Resp: 223389

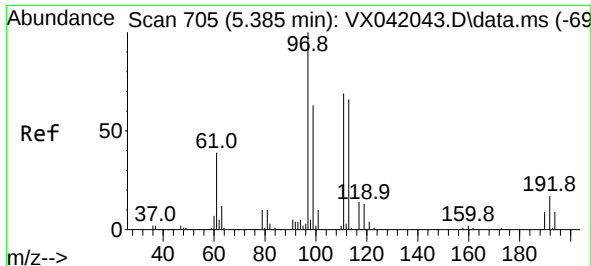
Ion Ratio Lower Upper

114 100

63 17.7 0.0 45.0

88 15.1 0.0 36.6

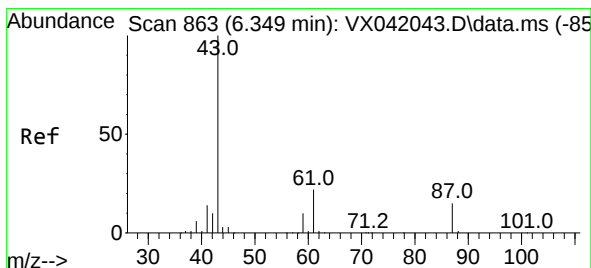
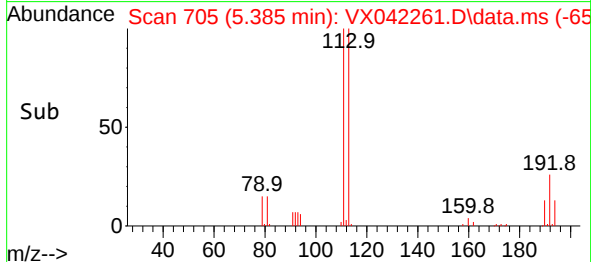
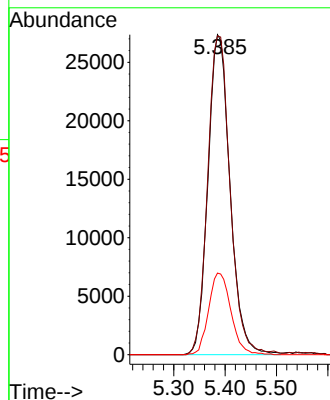
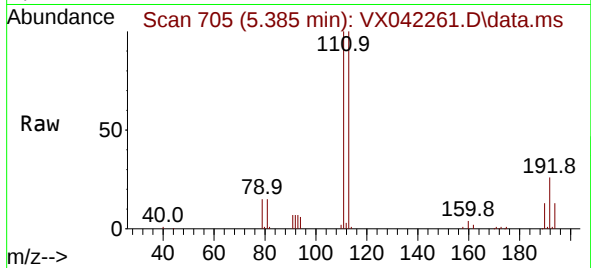




#35
Dibromofluoromethane
Concen: 51.512 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042261.D
Acq: 10 Jul 2024 12:49

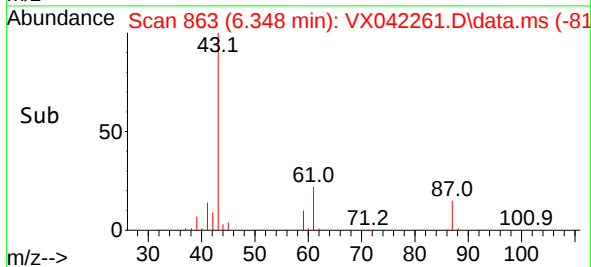
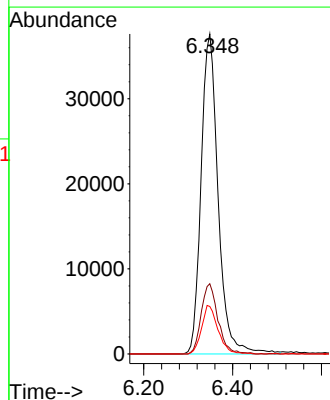
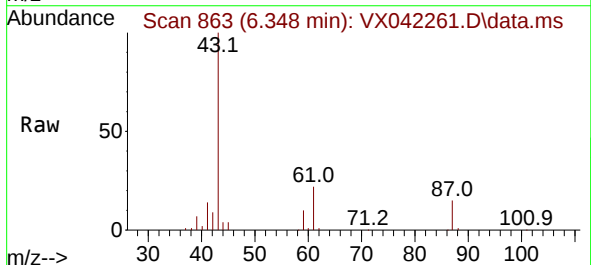
Instrument :
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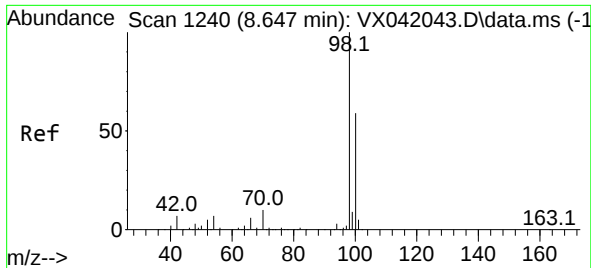
Tgt Ion:113 Resp: 81650
Ion Ratio Lower Upper
113 100
111 100.8 82.9 124.3
192 25.7 13.3 19.9#



#43
Isopropyl Acetate
Concen: 29.870 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX042261.D
Acq: 10 Jul 2024 12:49

Tgt Ion: 43 Resp: 100528
Ion Ratio Lower Upper
43 100
61 21.6 15.2 22.8
87 14.6 9.8 14.6

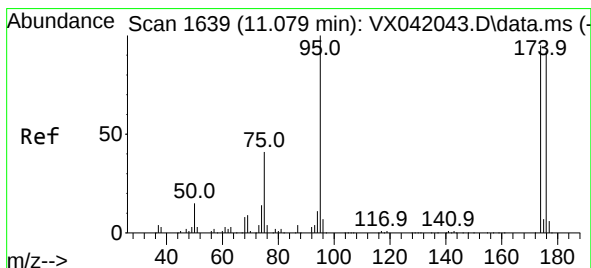
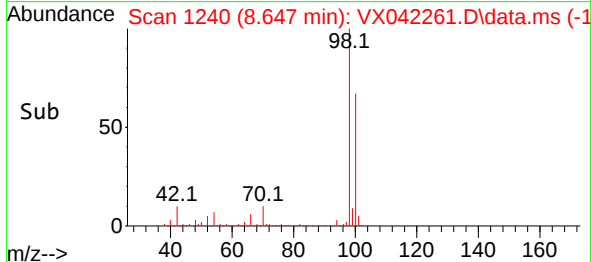
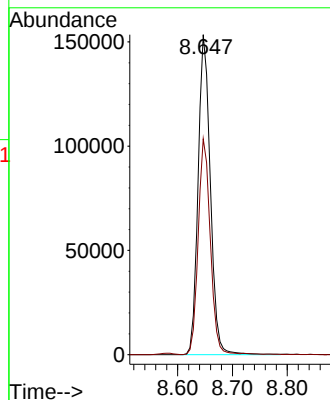
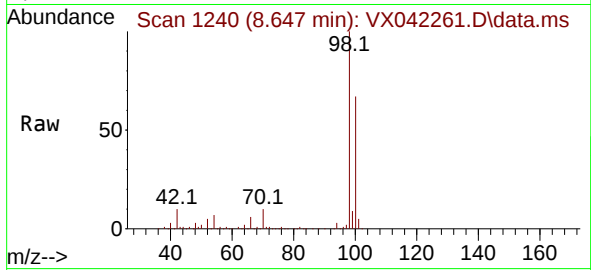




#50
Toluene-d8
Concen: 42.951 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042261.D
Acq: 10 Jul 2024 12:49

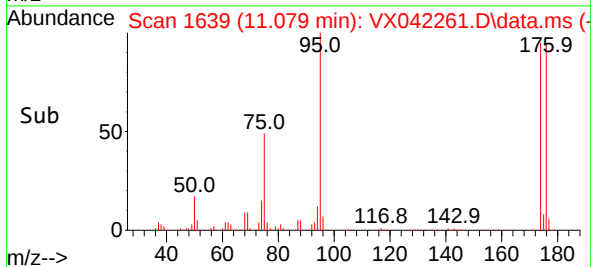
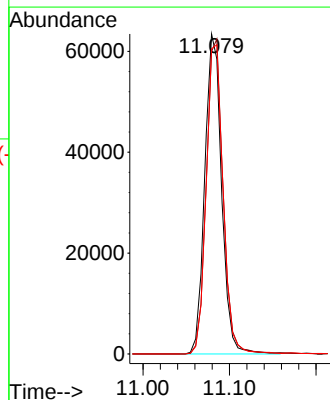
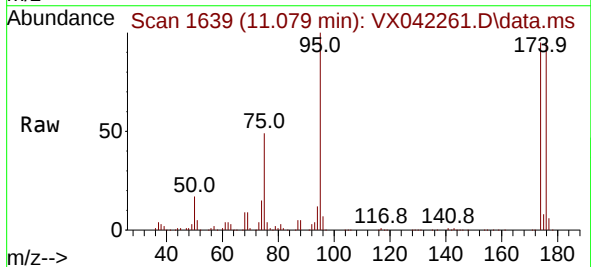
Instrument :
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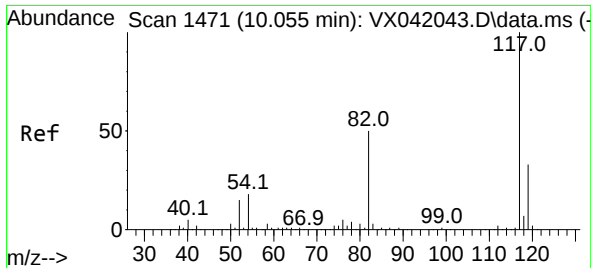
Tgt Ion: 98 Resp: 239171
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 41.630 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042261.D
Acq: 10 Jul 2024 12:49

Tgt Ion: 95 Resp: 85451
Ion Ratio Lower Upper
95 100
174 97.9 0.0 135.6
176 97.2 0.0 131.0

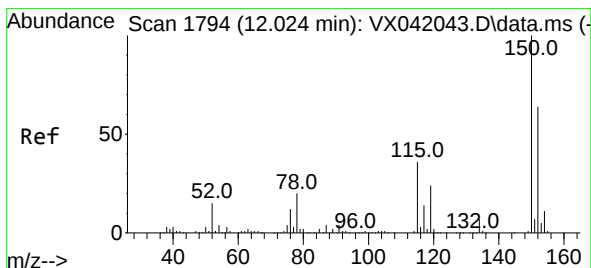
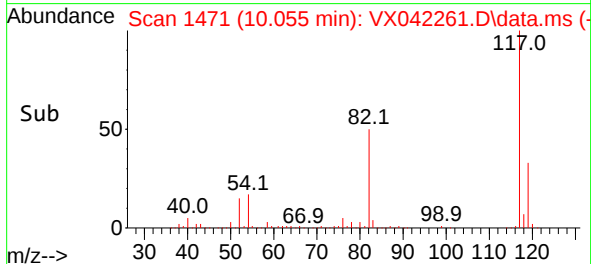
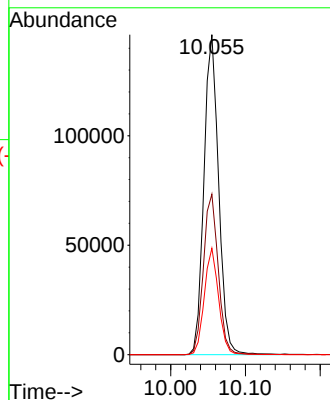
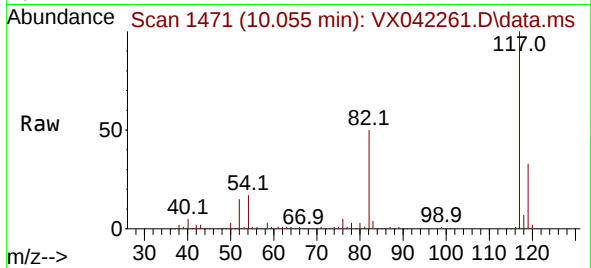




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042261.D
Acq: 10 Jul 2024 12:49

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 199540
Ion Ratio Lower Upper
117 100
82 50.2 46.2 69.4
119 33.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX042261.D
Acq: 10 Jul 2024 12:49

Tgt Ion:152 Resp: 88432
Ion Ratio Lower Upper
152 100
115 52.9 43.3 129.9
150 156.0 0.0 345.0

