

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071224\
 Data File : VX042308.D
 Acq On : 12 Jul 2024 17:21
 Operator : JC/MD
 Sample : PB162021ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB162021ZHE#05

Quant Time: Jul 15 04:46:14 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)

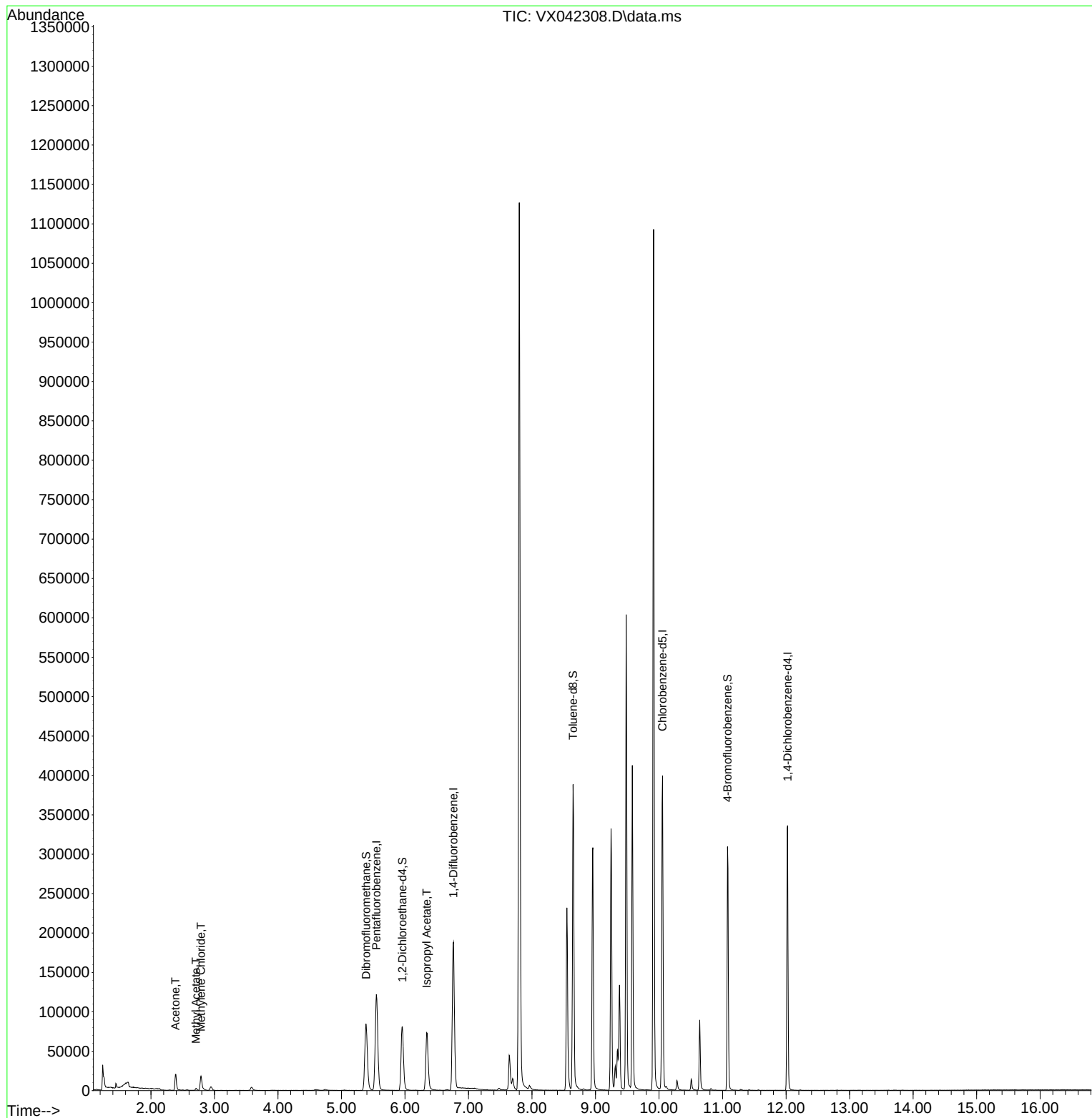
Internal Standards						
1) Pentafluorobenzene	5.550	168	136989	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	214110	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78757	49.857	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.720%
35) Dibromofluoromethane	5.385	113	75321	49.579	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.160%
50) Toluene-d8	8.647	98	238428	44.674	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.340%#
62) 4-Bromofluorobenzene	11.079	95	81082	41.213	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.420%#
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	24141	34.804	ug/l	# 88
18) Methyl Acetate	2.709	43	3429	1.812	ug/l	97
20) Methylene Chloride	2.788	84	10241	6.743	ug/l	# 84
43) Isopropyl Acetate	6.342	43	102501	31.776	ug/l	# 93

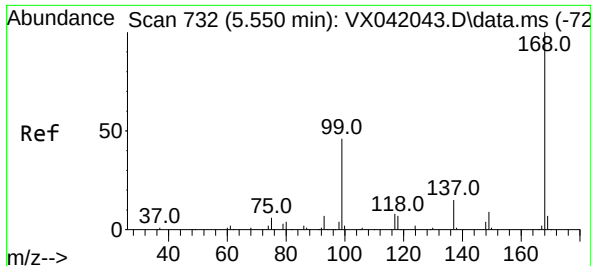
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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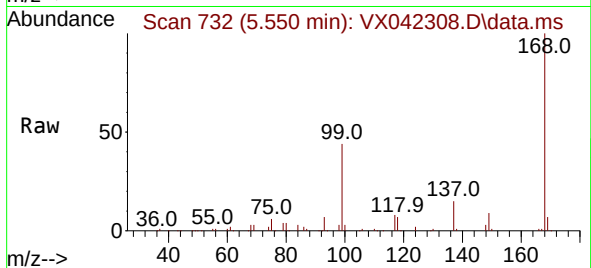
Quant Time: Jul 15 04:46:14 2024
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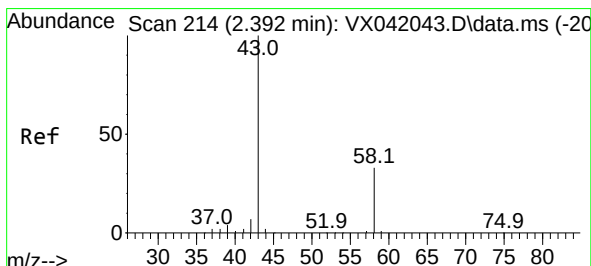
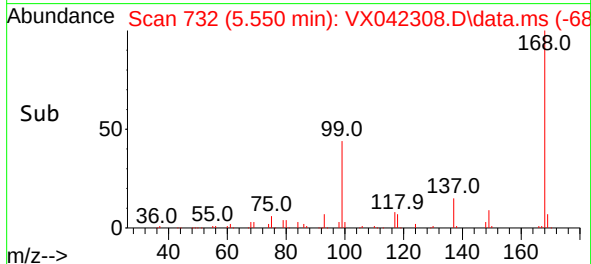
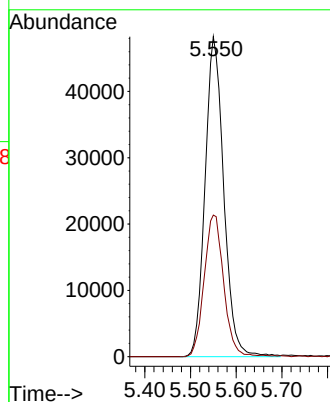


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042308.D
Acq: 12 Jul 2024 17:21

Instrument :
MSVOA_X
ClientSampleId :
PB162021ZHE#05

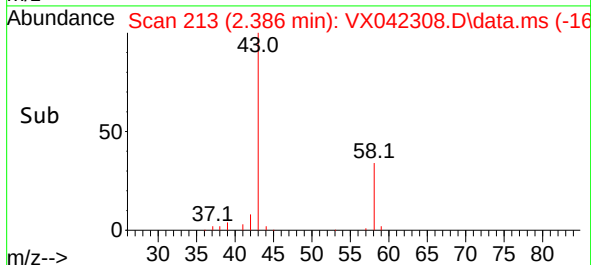
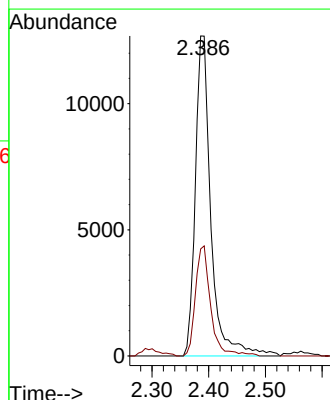
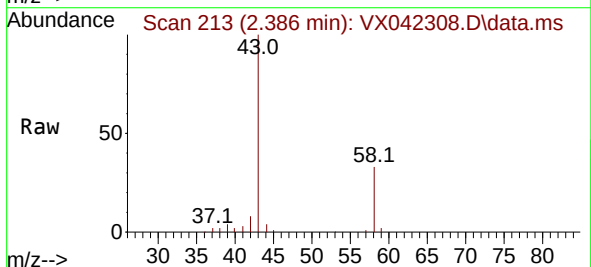


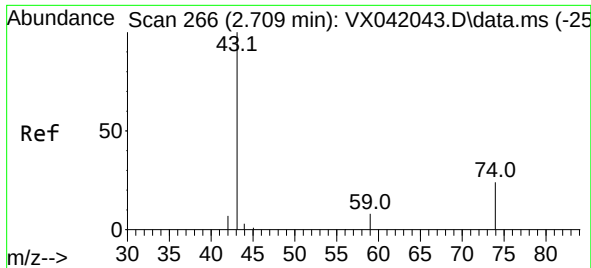
Tgt Ion:168 Resp: 136989
Ion Ratio Lower Upper
168 100
99 44.2 56.6 85.0#



#16
Acetone
Concen: 34.804 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX042308.D
Acq: 12 Jul 2024 17:21

Tgt Ion: 43 Resp: 24141
Ion Ratio Lower Upper
43 100
58 33.5 21.9 32.9#

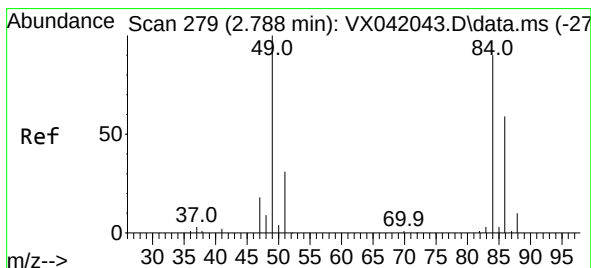
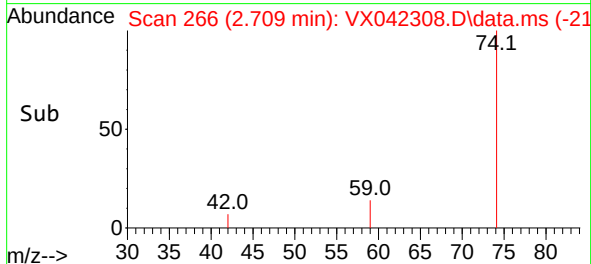
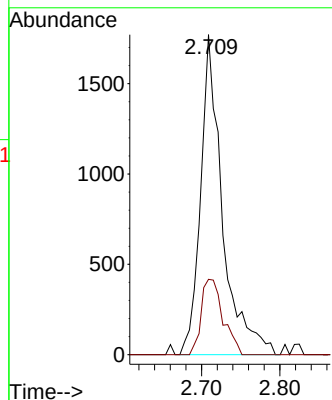
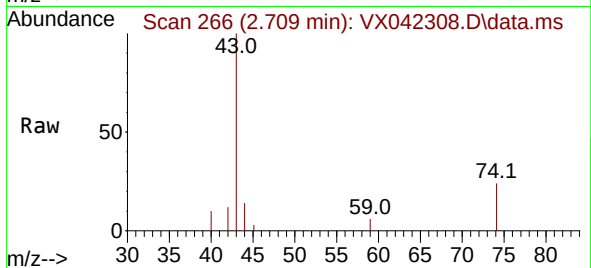




#18
Methyl Acetate
Concen: 1.812 ug/l
RT: 2.709 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX042308.D
Acq: 12 Jul 2024 17:21

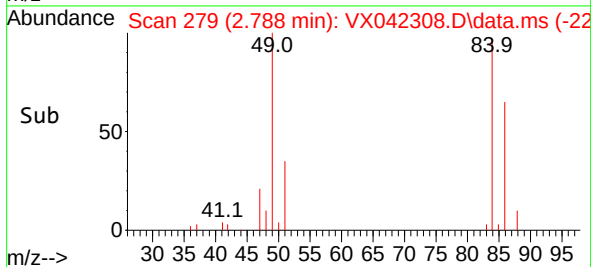
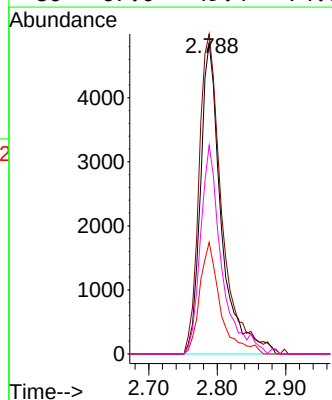
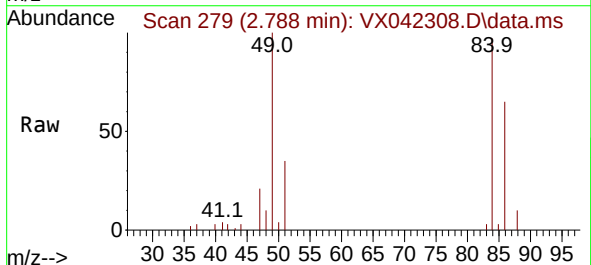
Instrument :
MSVOA_X
ClientSampleId :
PB162021ZHE#05

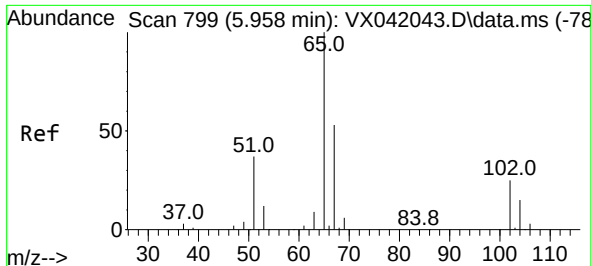
Tgt Ion: 43 Resp: 3429
Ion Ratio Lower Upper
43 100
74 23.5 17.8 26.8



#20
Methylene Chloride
Concen: 6.743 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042308.D
Acq: 12 Jul 2024 17:21

Tgt Ion: 84 Resp: 10241
Ion Ratio Lower Upper
84 100
49 102.9 103.6 155.4#
51 35.8 33.8 50.6
86 67.0 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 49.857 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX042308.D

Acq: 12 Jul 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

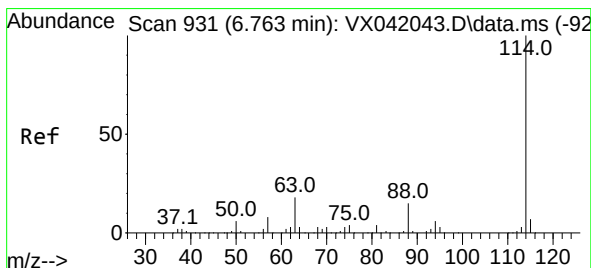
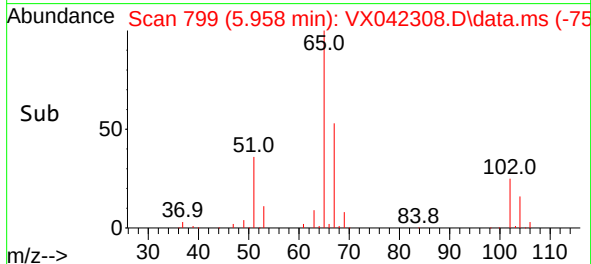
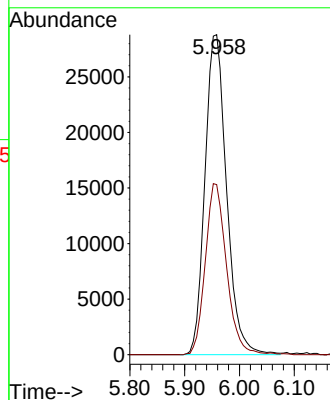
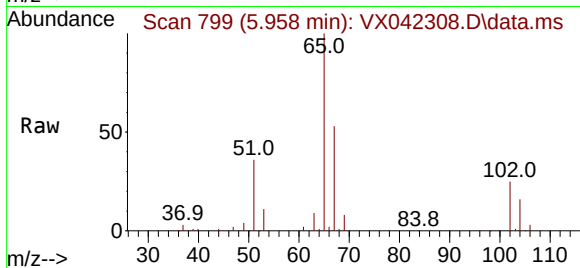
PB162021ZHE#05

Tgt Ion: 65 Resp: 78757

Ion Ratio Lower Upper

65 100

67 52.7 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: VX042308.D

Acq: 12 Jul 2024 17:21

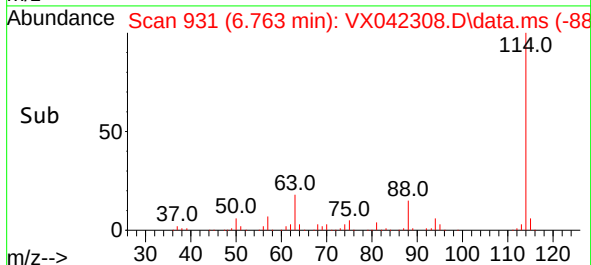
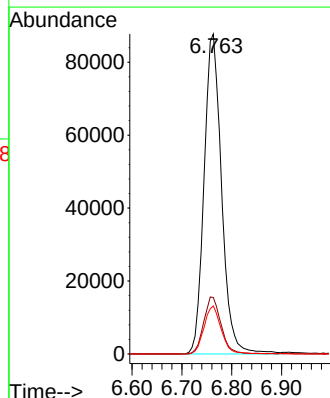
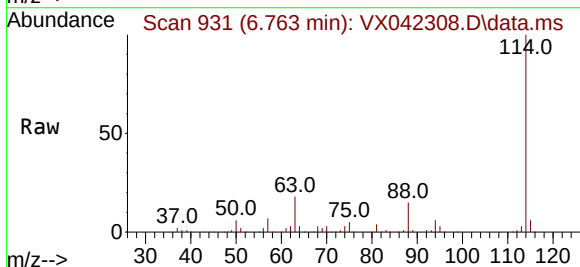
Tgt Ion: 114 Resp: 214110

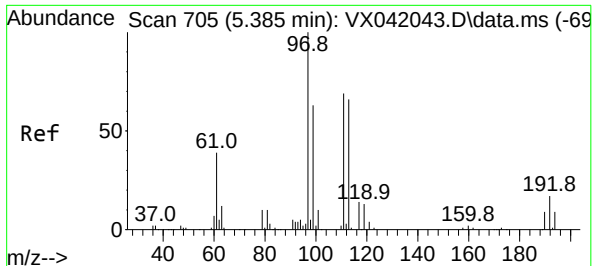
Ion Ratio Lower Upper

114 100

63 17.6 0.0 45.0

88 15.0 0.0 36.6

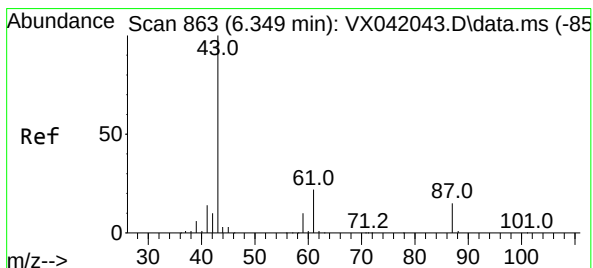
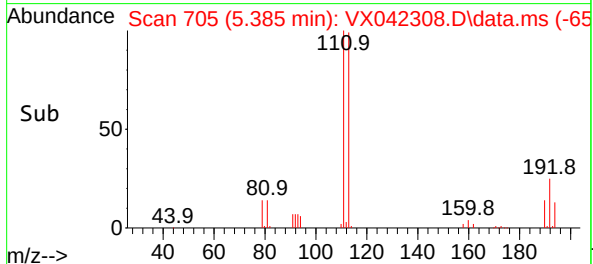
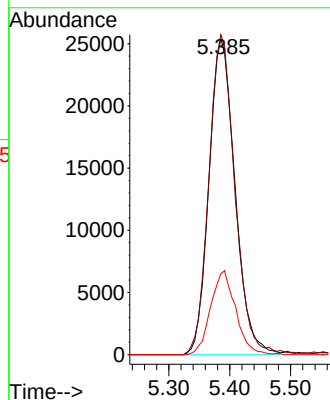
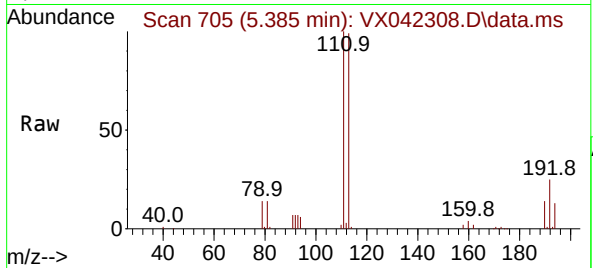




#35
Dibromofluoromethane
Concen: 49.579 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042308.D
Acq: 12 Jul 2024 17:21

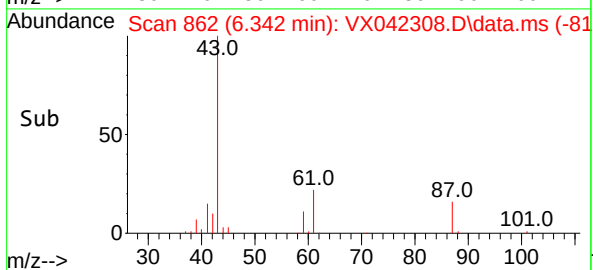
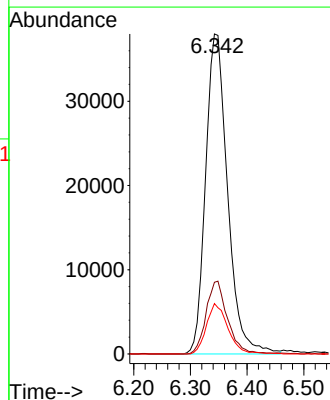
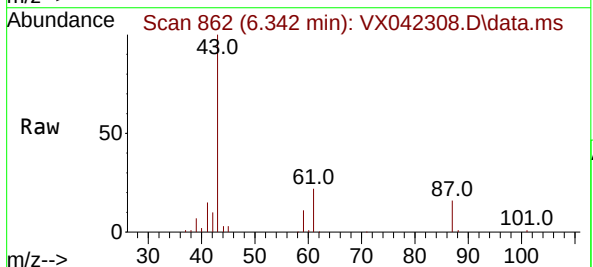
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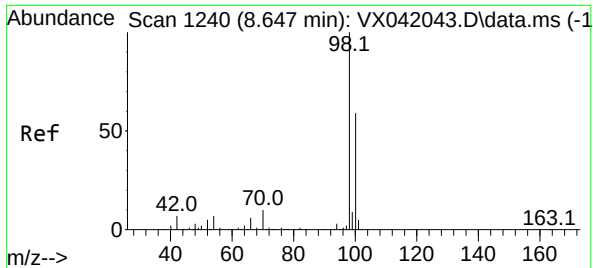
Tgt Ion:113 Resp: 75321
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 25.6 13.3 19.9#



#43
Isopropyl Acetate
Concen: 31.776 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX042308.D
Acq: 12 Jul 2024 17:21

Tgt Ion: 43 Resp: 102501
Ion Ratio Lower Upper
43 100
61 22.1 15.2 22.8
87 15.3 9.8 14.6#

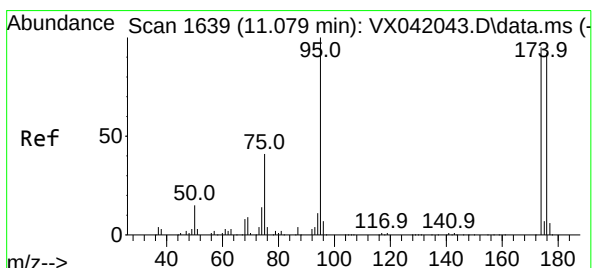
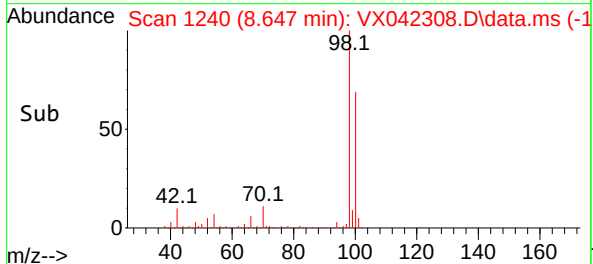
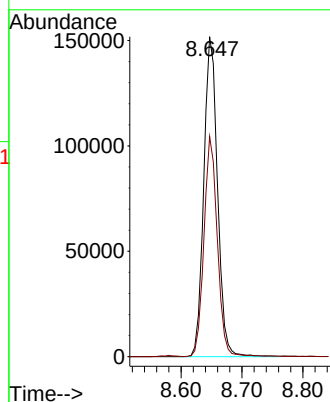
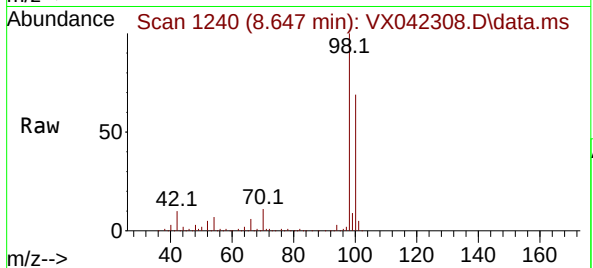




#50
Toluene-d8
Concen: 44.674 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042308.D
Acq: 12 Jul 2024 17:21

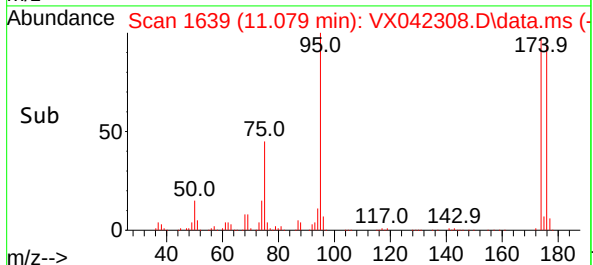
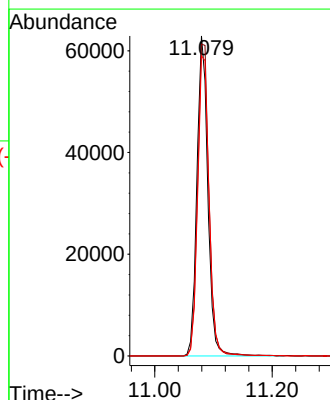
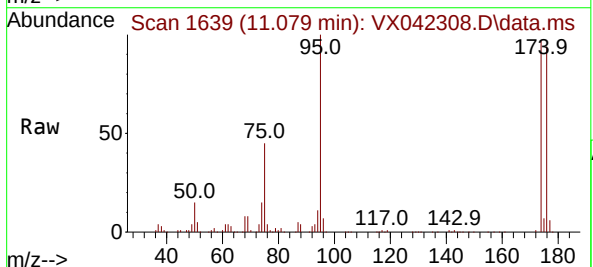
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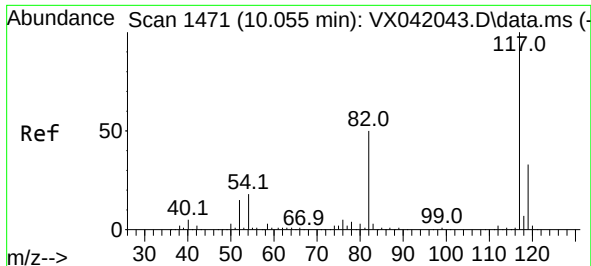
Tgt Ion: 98 Resp: 238428
Ion Ratio Lower Upper
98 100
100 67.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 41.213 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042308.D
Acq: 12 Jul 2024 17:21

Tgt Ion: 95 Resp: 81082
Ion Ratio Lower Upper
95 100
174 102.2 0.0 135.6
176 98.2 0.0 131.0

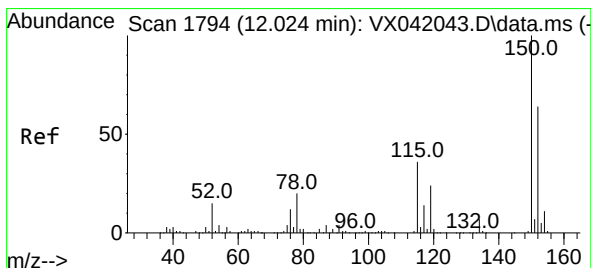
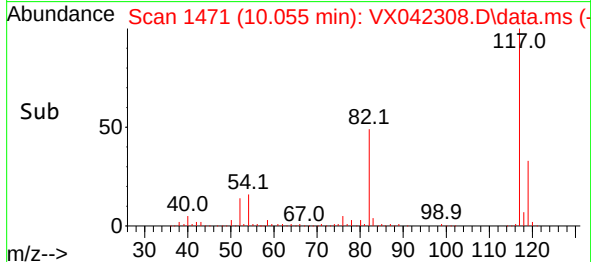
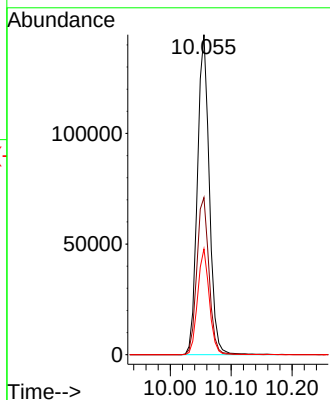
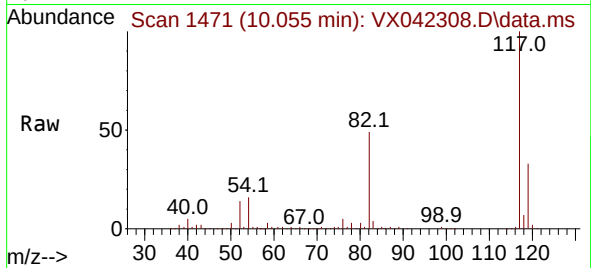




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042308.D
Acq: 12 Jul 2024 17:21

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ClientSampleId :
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Tgt Ion:117 Resp: 196579
Ion Ratio Lower Upper
117 100
82 49.1 46.2 69.4
119 33.0 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: VX042308.D
Acq: 12 Jul 2024 17:21

Tgt Ion:152 Resp: 83665
Ion Ratio Lower Upper
152 100
115 53.1 43.3 129.9
150 156.4 0.0 345.0

