

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071224\
 Data File : VX042311.D
 Acq On : 12 Jul 2024 18:31
 Operator : JC/MD
 Sample : PB162021ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB162021ZHE#08

Quant Time: Jul 15 04:47:27 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)

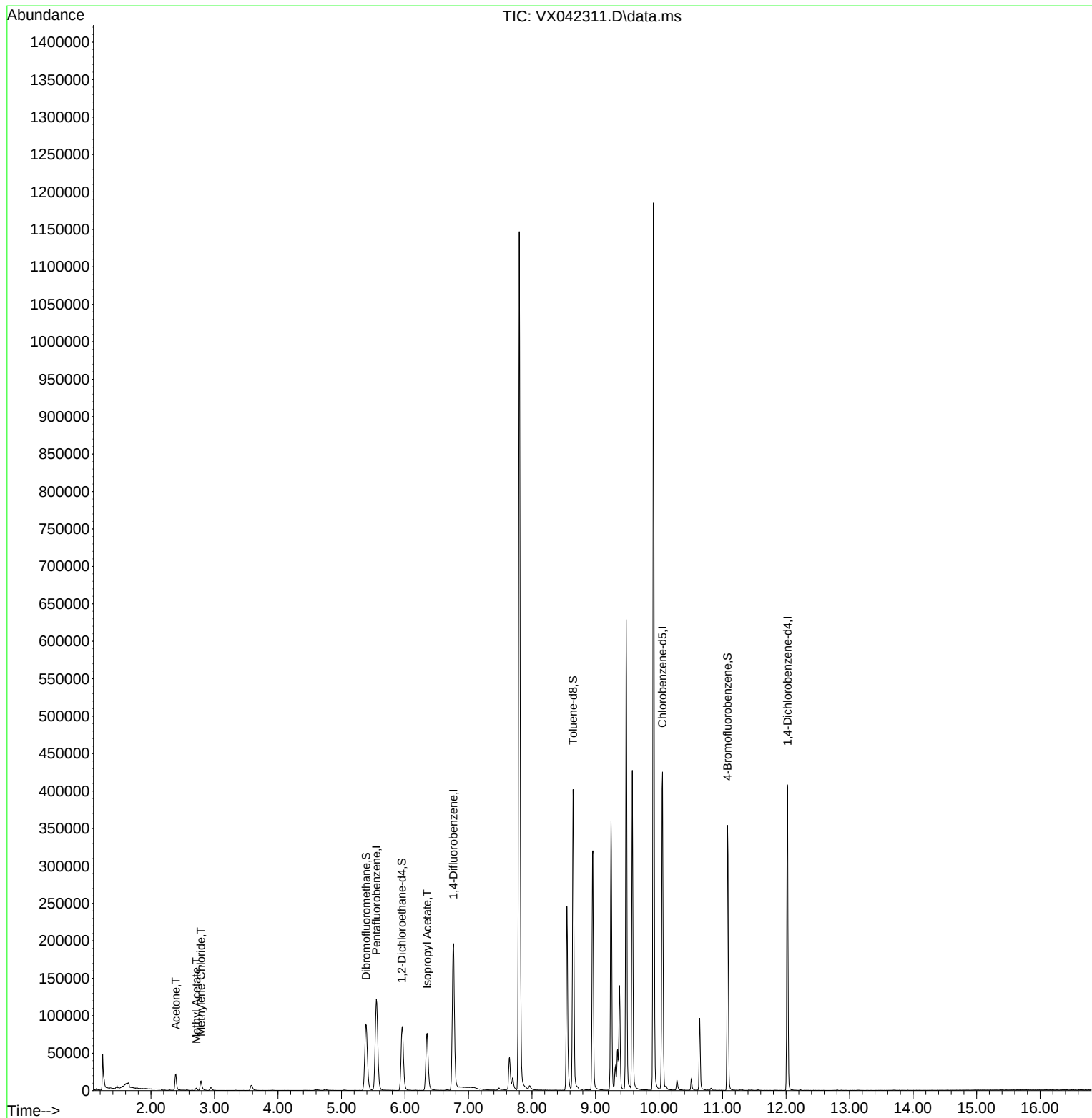
Internal Standards						
1) Pentafluorobenzene	5.550	168	136559	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	224454	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81758	51.920	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.840%
35) Dibromofluoromethane	5.385	113	78730	49.434	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.860%
50) Toluene-d8	8.647	98	247540	44.243	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.480%#
62) 4-Bromofluorobenzene	11.079	95	94287	45.716	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.440%
Target Compounds						
						Qvalue
16) Acetone	2.392	43	26399	38.179	ug/l	91
18) Methyl Acetate	2.715	43	4124	2.186	ug/l	98
20) Methylene Chloride	2.788	84	7197	4.753	ug/l #	84
43) Isopropyl Acetate	6.348	43	106010	31.349	ug/l #	93

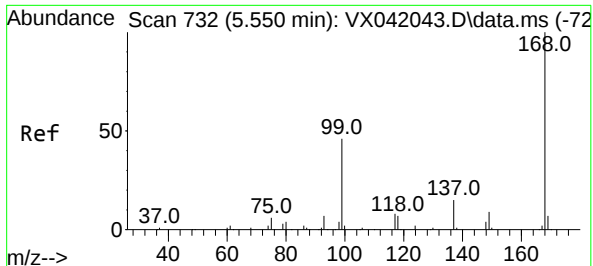
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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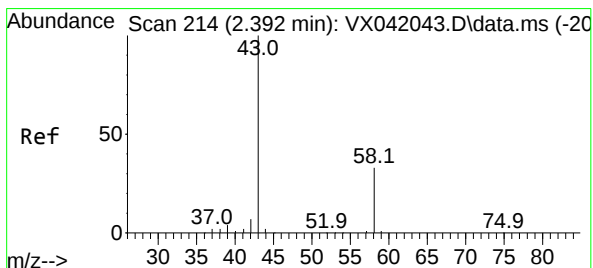
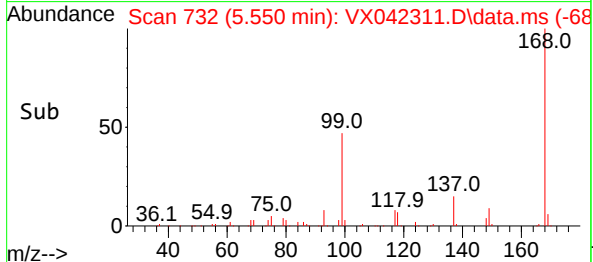
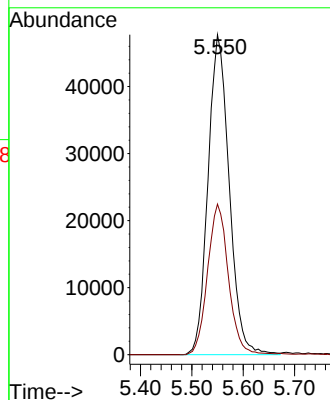
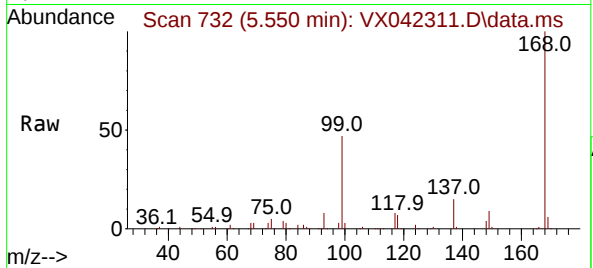




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042311.D
Acq: 12 Jul 2024 18:31

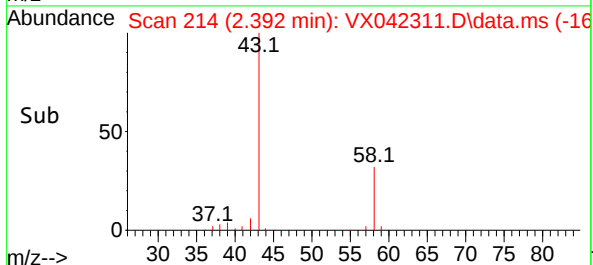
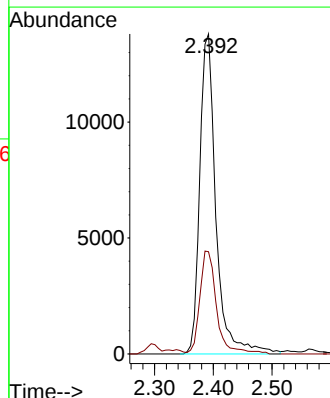
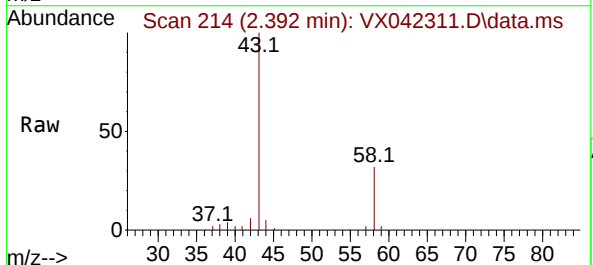
Instrument :
MSVOA_X
ClientSampleId :
PB162021ZHE#08

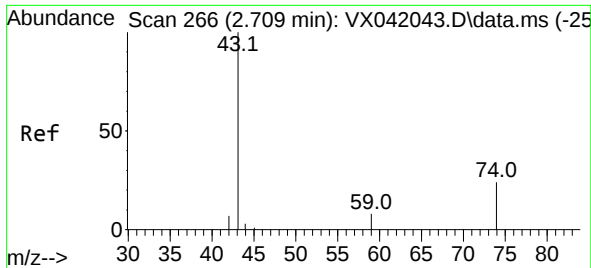
Tgt Ion:168 Resp: 136559
Ion Ratio Lower Upper
168 100
99 47.0 56.6 85.0#



#16
Acetone
Concen: 38.179 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042311.D
Acq: 12 Jul 2024 18:31

Tgt Ion: 43 Resp: 26399
Ion Ratio Lower Upper
43 100
58 32.0 21.9 32.9

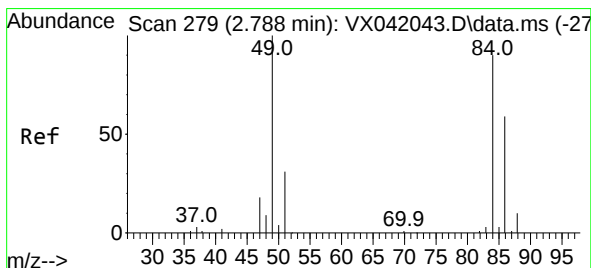
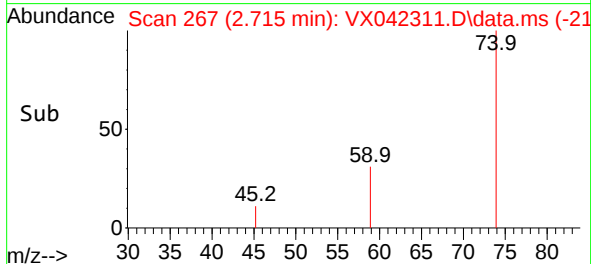
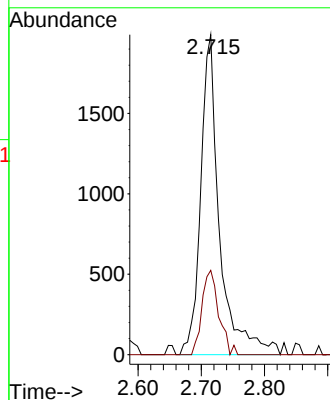
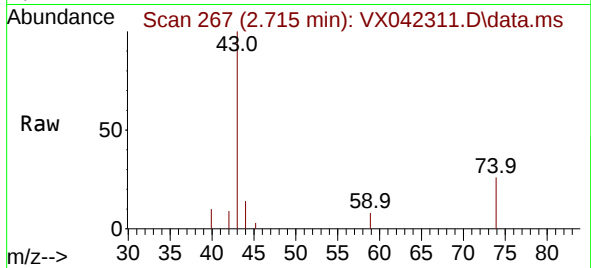




#18
Methyl Acetate
Concen: 2.186 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX042311.D
Acq: 12 Jul 2024 18:31

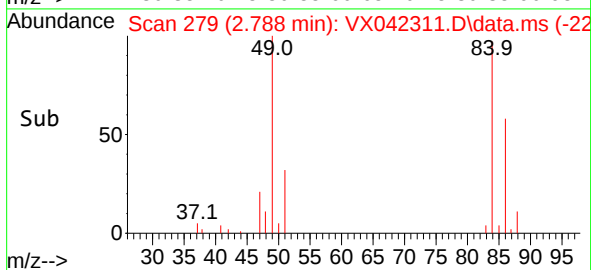
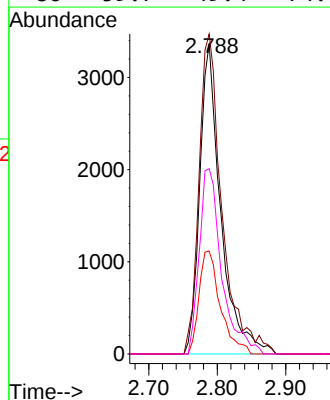
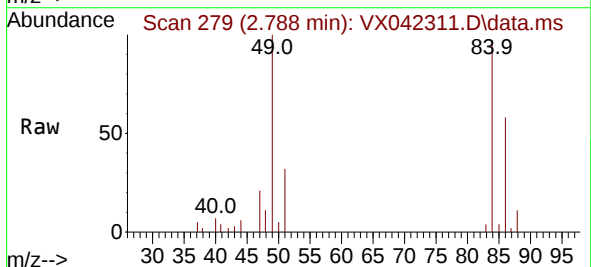
Instrument :
MSVOA_X
ClientSampleId :
PB162021ZHE#08

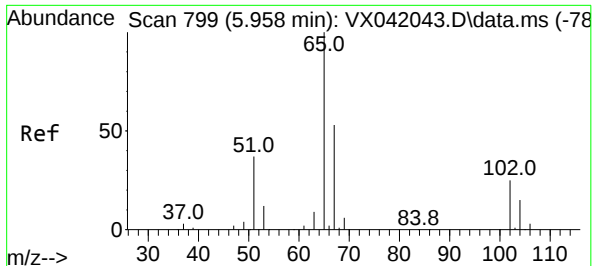
Tgt Ion: 43 Resp: 4124
Ion Ratio Lower Upper
43 100
74 23.4 17.8 26.8



#20
Methylene Chloride
Concen: 4.753 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042311.D
Acq: 12 Jul 2024 18:31

Tgt Ion: 84 Resp: 7197
Ion Ratio Lower Upper
84 100
49 103.1 103.6 155.4#
51 33.1 33.8 50.6#
86 59.7 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 51.920 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX042311.D

Acq: 12 Jul 2024 18:31

Instrument :

MSVOA_X

ClientSampleId :

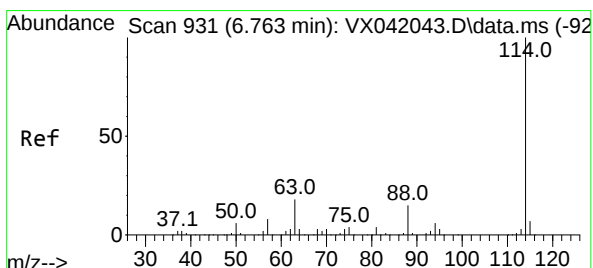
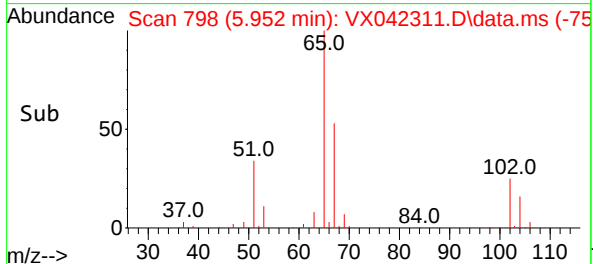
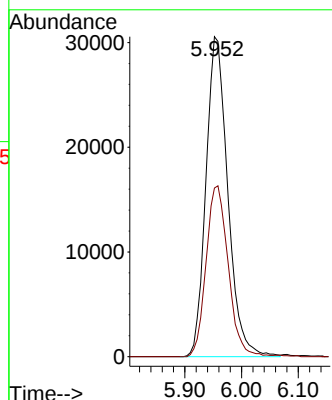
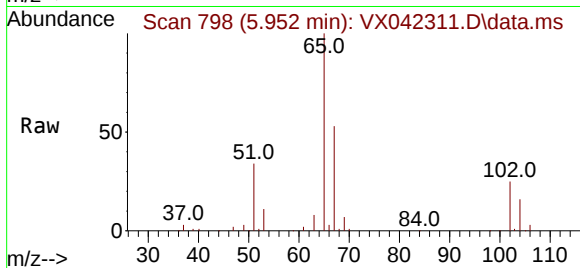
PB162021ZHE#08

Tgt Ion: 65 Resp: 81758

Ion Ratio Lower Upper

65 100

67 54.0 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: VX042311.D

Acq: 12 Jul 2024 18:31

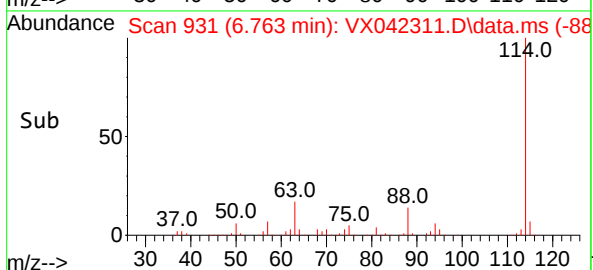
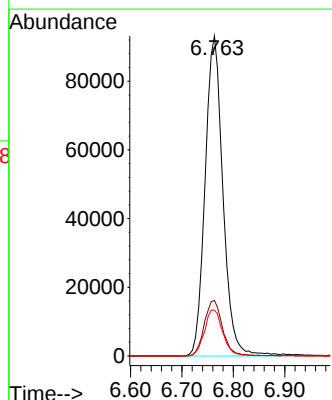
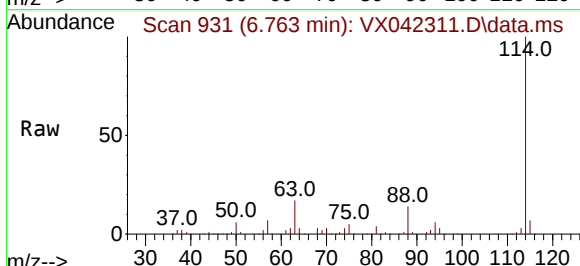
Tgt Ion: 114 Resp: 224454

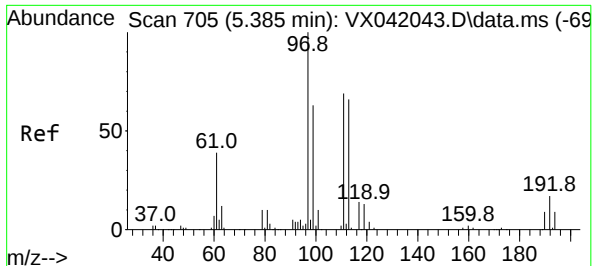
Ion Ratio Lower Upper

114 100

63 17.3 0.0 45.0

88 14.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.434 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX042311.D

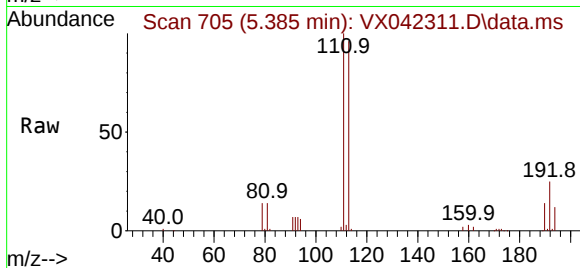
Acq: 12 Jul 2024 18:31

Instrument :

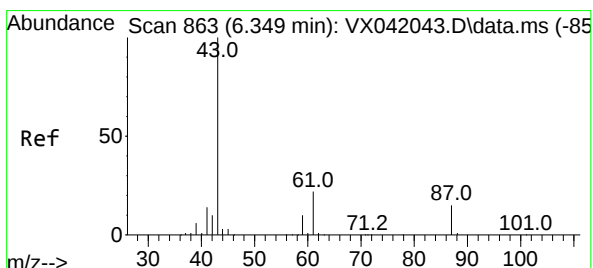
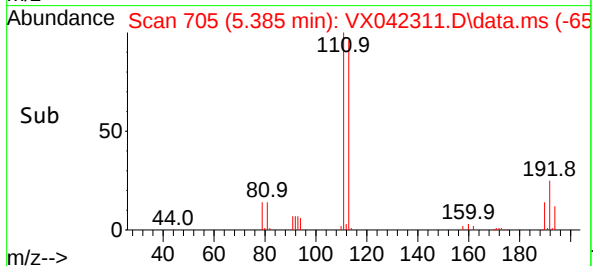
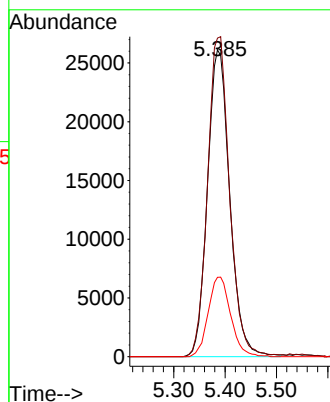
MSVOA_X

ClientSampleId :

PB162021ZHE#08



Tgt Ion:	113	Resp:	78730
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	26.1	13.3	19.9



#43

Isopropyl Acetate

Concen: 31.349 ug/l

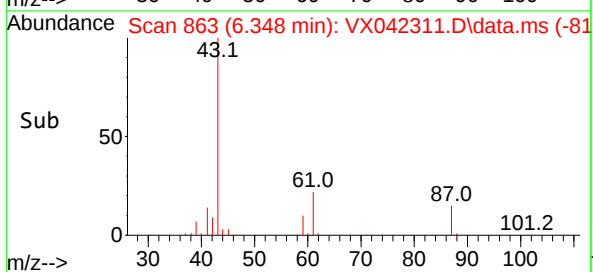
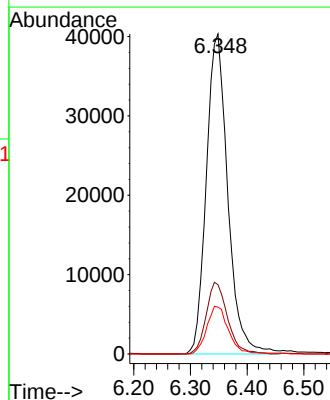
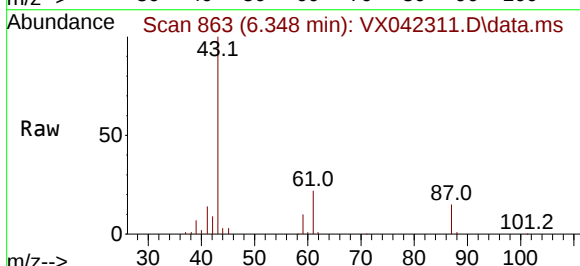
RT: 6.348 min Scan# 863

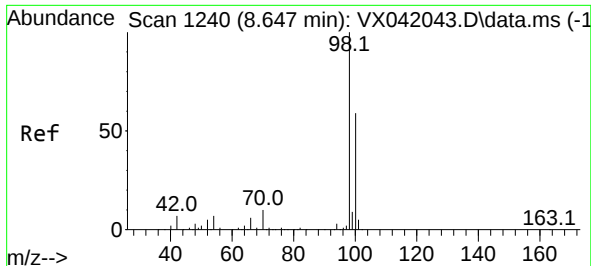
Delta R.T. 0.000 min

Lab File: VX042311.D

Acq: 12 Jul 2024 18:31

Tgt Ion:	43	Resp:	106010
Ion	Ratio	Lower	Upper
43	100		
61	22.5	15.2	22.8
87	14.9	9.8	14.6

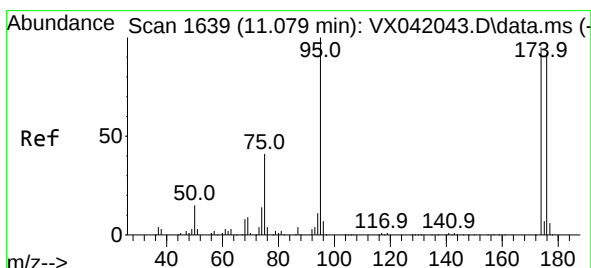
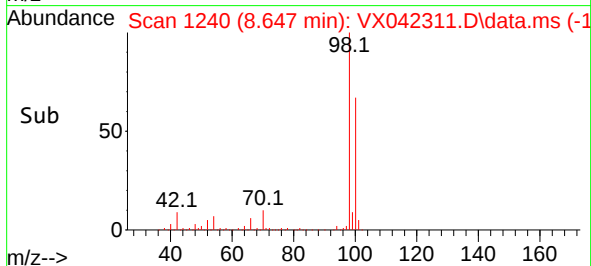
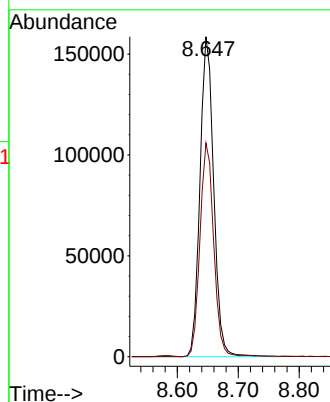
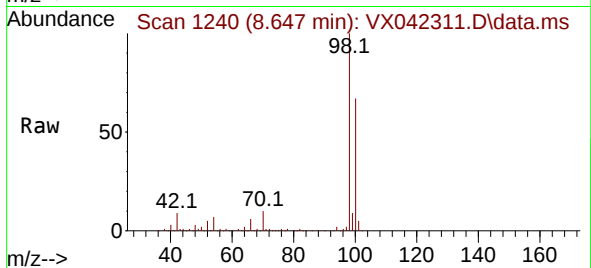




#50
Toluene-d8
Concen: 44.243 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042311.D
Acq: 12 Jul 2024 18:31

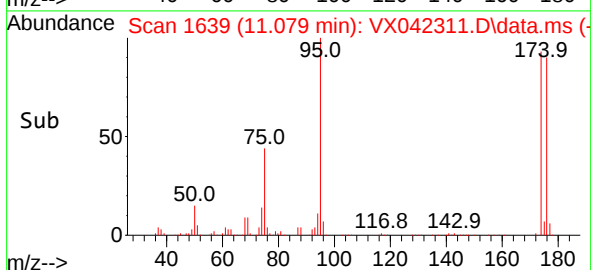
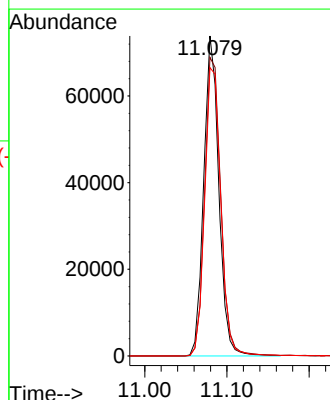
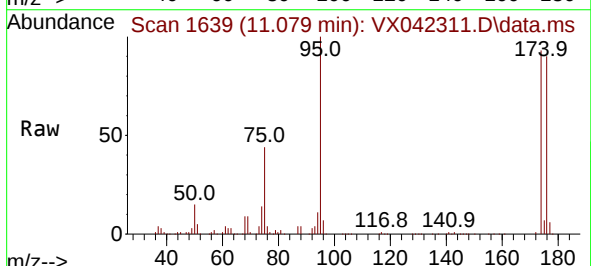
Instrument :
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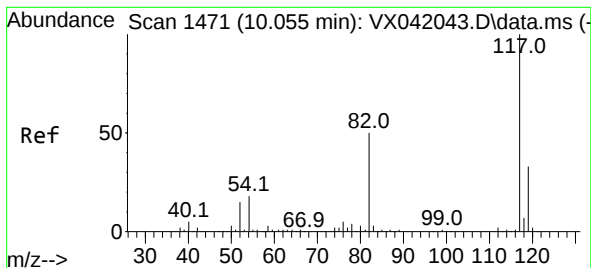
Tgt Ion: 98 Resp: 247540
Ion Ratio Lower Upper
98 100
100 67.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.716 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042311.D
Acq: 12 Jul 2024 18:31

Tgt Ion: 95 Resp: 94287
Ion Ratio Lower Upper
95 100
174 99.7 0.0 135.6
176 96.8 0.0 131.0

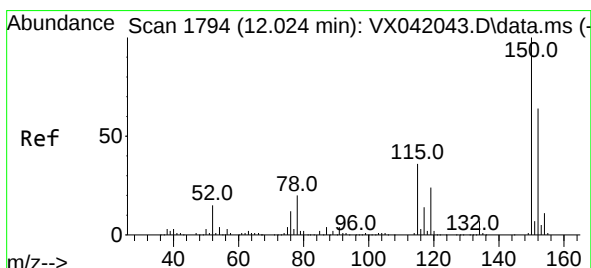
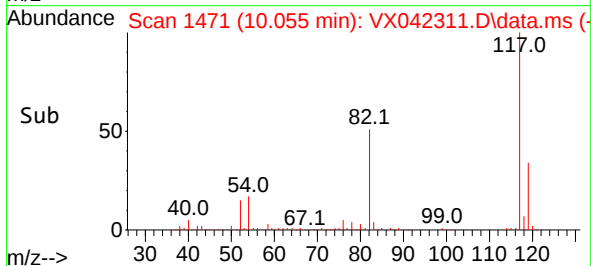
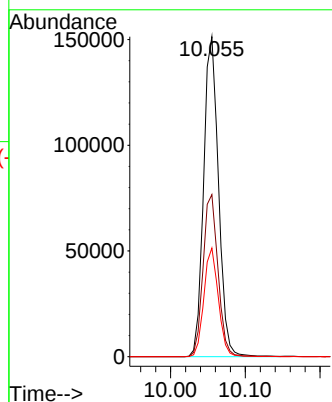
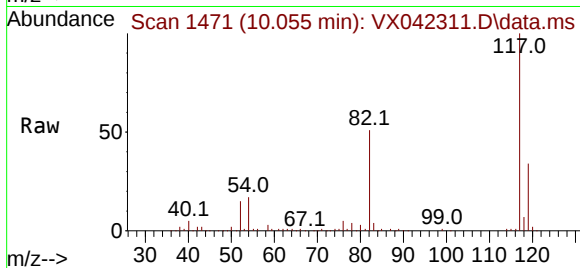




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042311.D
Acq: 12 Jul 2024 18:31

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 209522
Ion Ratio Lower Upper
117 100
82 50.7 46.2 69.4
119 34.0 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: VX042311.D
Acq: 12 Jul 2024 18:31

Tgt Ion:152 Resp: 101844
Ion Ratio Lower Upper
152 100
115 53.3 43.3 129.9
150 153.5 0.0 345.0

