

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071024\
 Data File : VX042265.D
 Acq On : 10 Jul 2024 14:23
 Operator : JC/MD
 Sample : PB161974ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB161974ZHE#06

Quant Time: Jul 11 00:56:55 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)

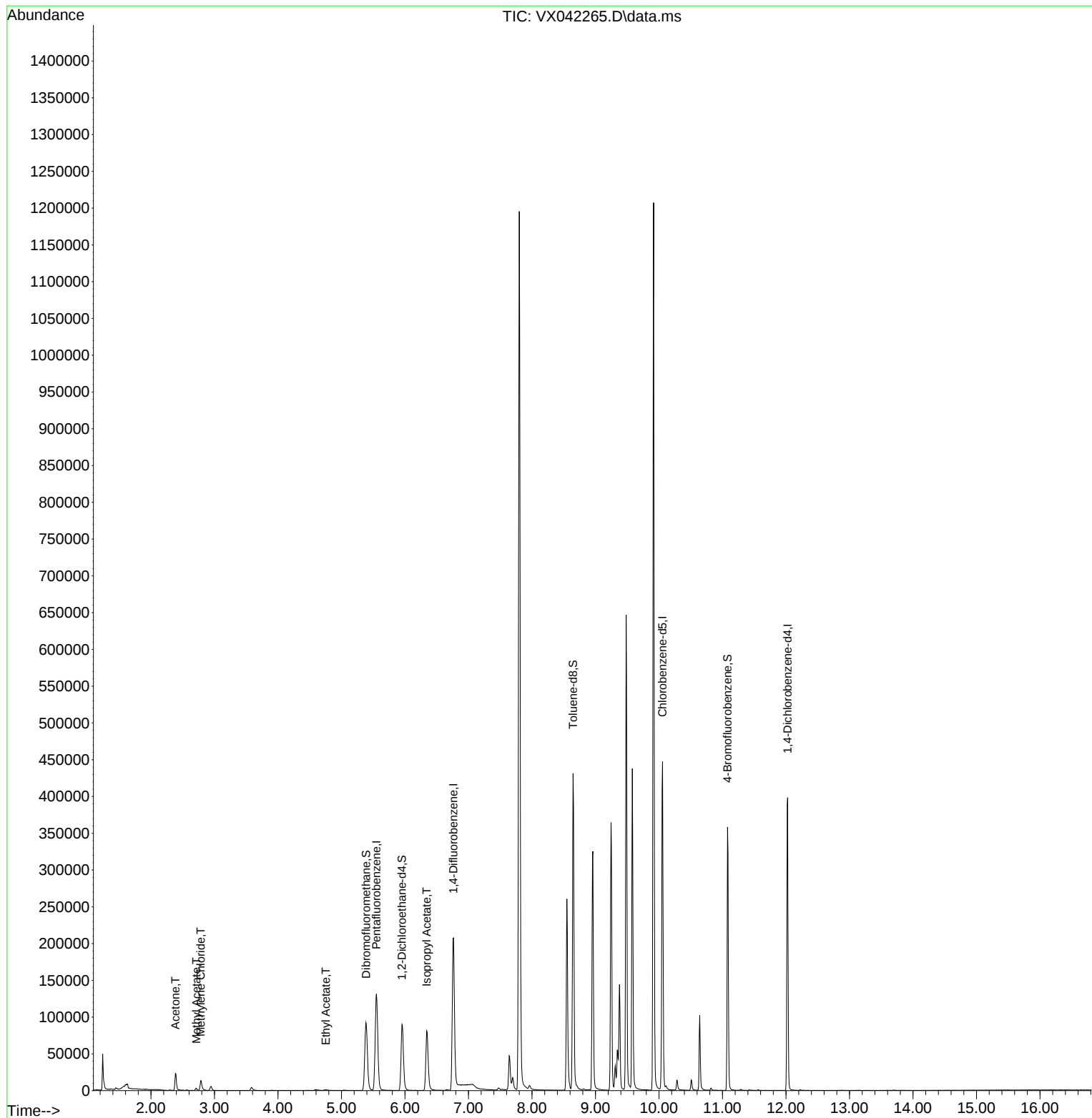
Internal Standards						
1) Pentafluorobenzene	5.550	168	146907	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	238353	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86669	51.162	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.320%
35) Dibromofluoromethane	5.385	113	82534	48.801	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.600%
50) Toluene-d8	8.647	98	262652	44.207	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.420%#
62) 4-Bromofluorobenzene	11.079	95	94255	43.036	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.080%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	27280	36.674	ug/l	92
18) Methyl Acetate	2.715	43	3950	1.947	ug/l	99
20) Methylene Chloride	2.782	84	8013	4.920	ug/l #	82
37) Ethyl Acetate	4.751	43	3187	1.362	ug/l #	87
43) Isopropyl Acetate	6.342	43	112578	31.350	ug/l	94

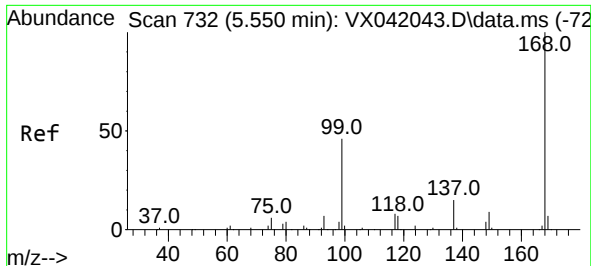
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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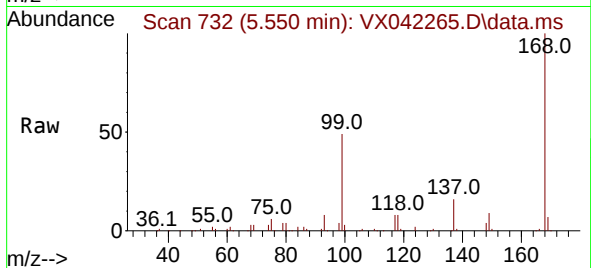
Quant Time: Jul 11 00:56:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration



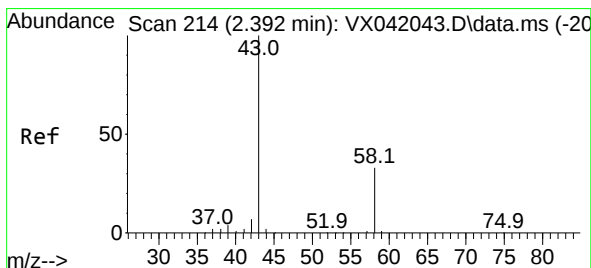
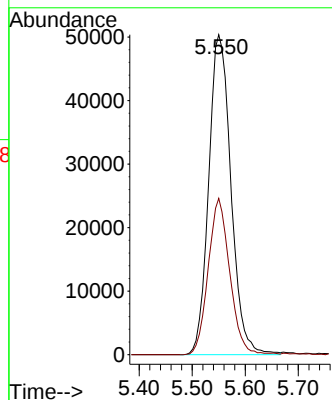
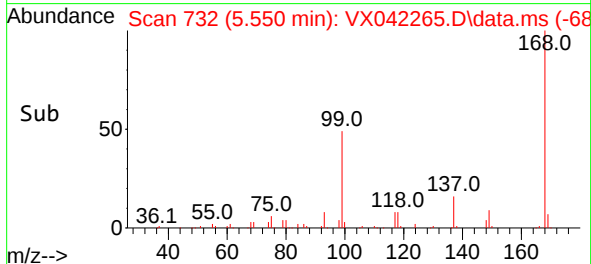


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042265.D
Acq: 10 Jul 2024 14:23

Instrument :
MSVOA_X
ClientSampleId :
PB161974ZHE#06

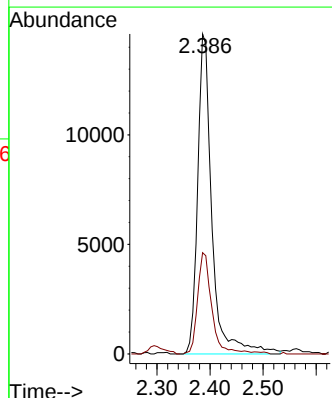
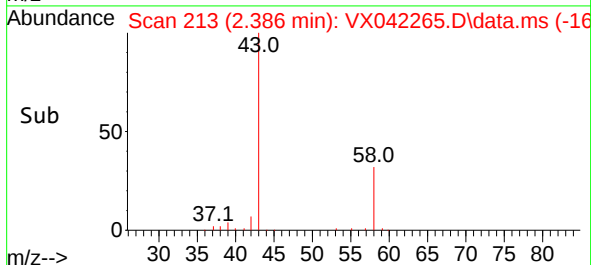
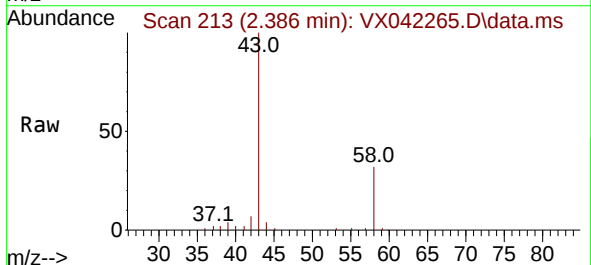


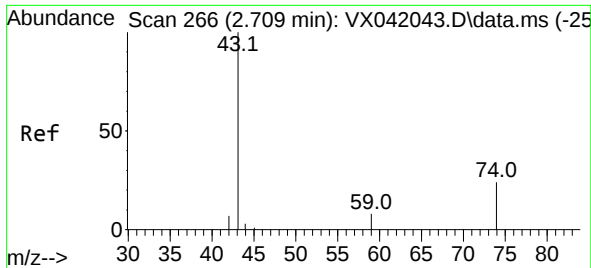
Tgt Ion:168 Resp: 146907
Ion Ratio Lower Upper
168 100
99 48.9 56.6 85.0#



#16
Acetone
Concen: 36.674 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX042265.D
Acq: 10 Jul 2024 14:23

Tgt Ion: 43 Resp: 27280
Ion Ratio Lower Upper
43 100
58 31.6 21.9 32.9

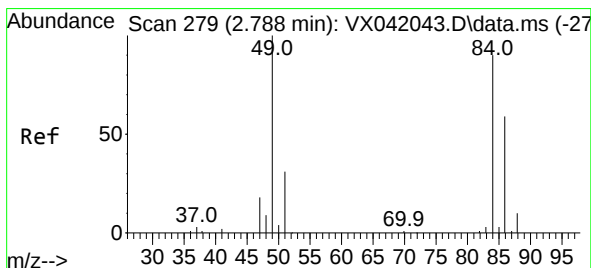
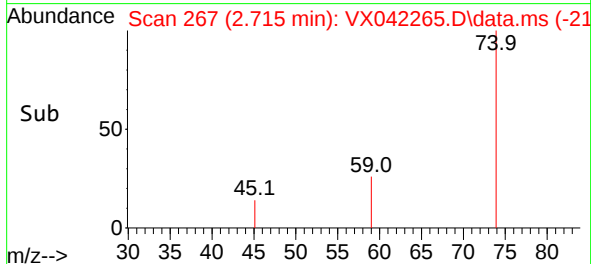
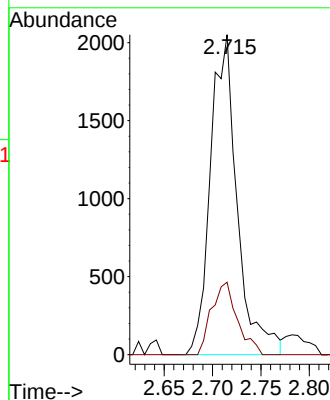
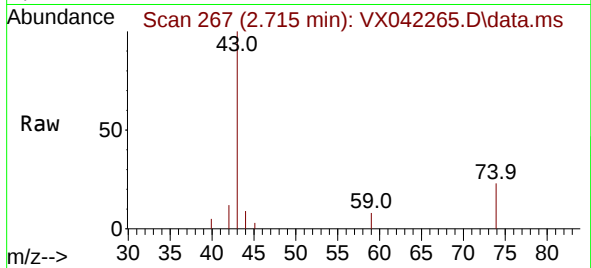




#18
Methyl Acetate
Concen: 1.947 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX042265.D
Acq: 10 Jul 2024 14:23

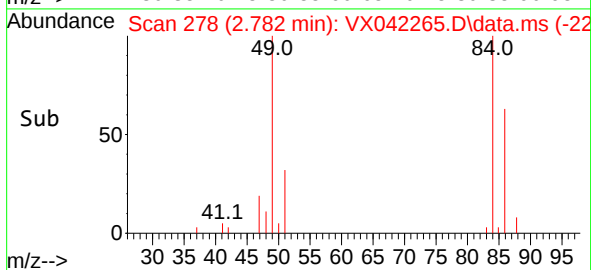
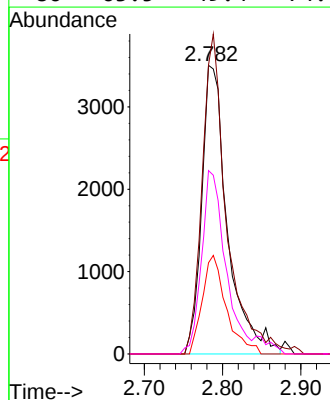
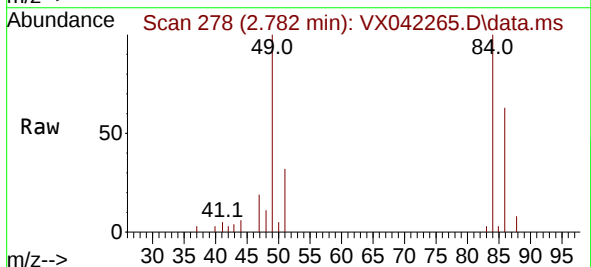
Instrument :
MSVOA_X
ClientSampleId :
PB161974ZHE#06

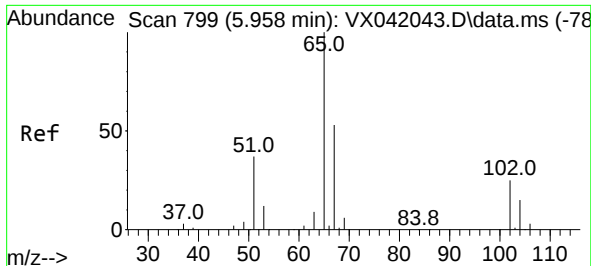
Tgt Ion: 43 Resp: 3950
Ion Ratio Lower Upper
43 100
74 21.8 17.8 26.8



#20
Methylene Chloride
Concen: 4.920 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX042265.D
Acq: 10 Jul 2024 14:23

Tgt Ion: 84 Resp: 8013
Ion Ratio Lower Upper
84 100
49 100.1 103.6 155.4#
51 31.6 33.8 50.6#
86 63.5 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 51.162 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX042265.D

Acq: 10 Jul 2024 14:23

Instrument :

MSVOA_X

ClientSampleId :

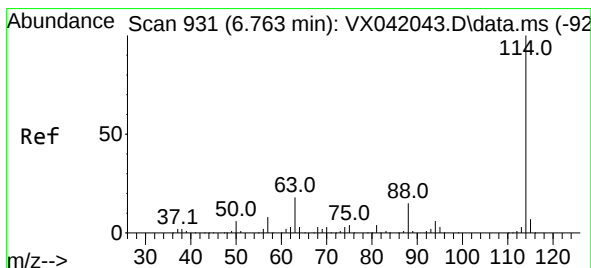
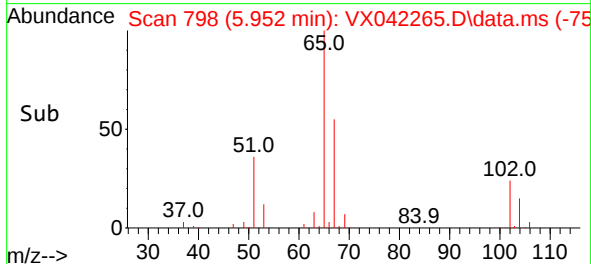
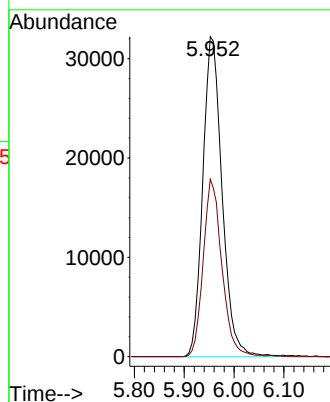
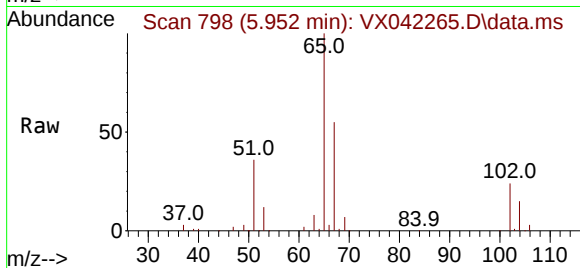
PB161974ZHE#06

Tgt Ion: 65 Resp: 86669

Ion Ratio Lower Upper

65 100

67 53.5 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: VX042265.D

Acq: 10 Jul 2024 14:23

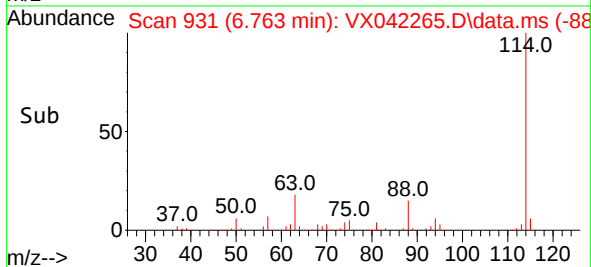
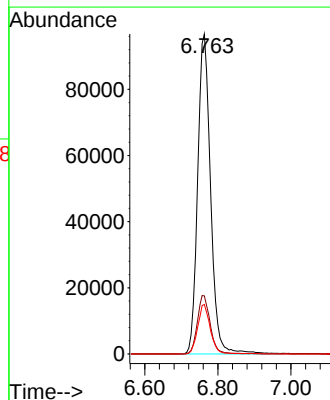
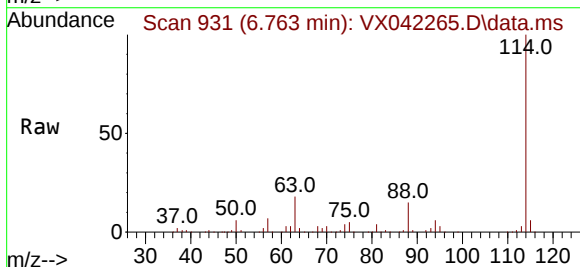
Tgt Ion: 114 Resp: 238353

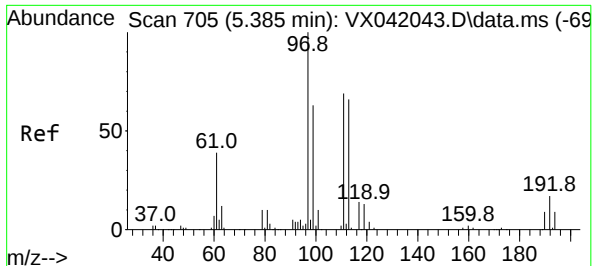
Ion Ratio Lower Upper

114 100

63 18.2 0.0 45.0

88 15.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.801 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX042265.D

Acq: 10 Jul 2024 14:23

Instrument :

MSVOA_X

ClientSampleId :

PB161974ZHE#06

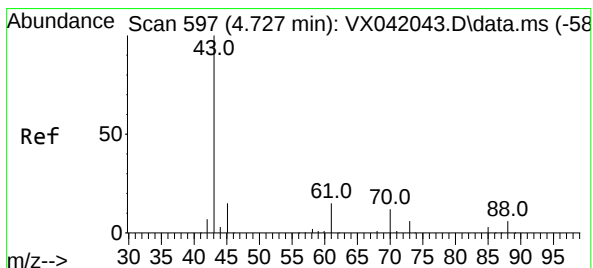
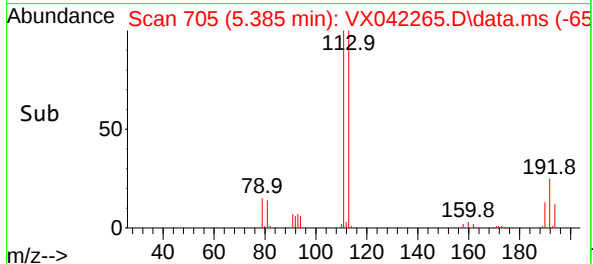
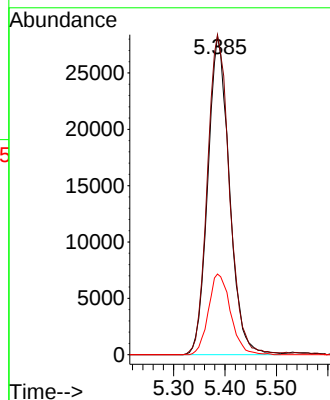
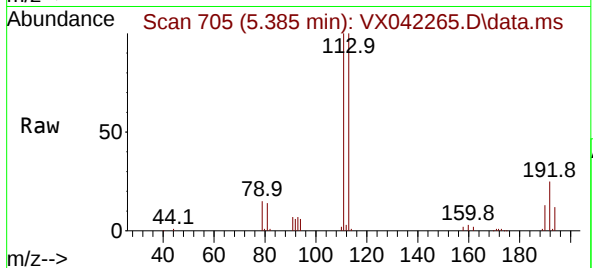
Tgt Ion:113 Resp: 82534

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

192 26.0 13.3 19.9#



#37

Ethyl Acetate

Concen: 1.362 ug/l

RT: 4.751 min Scan# 601

Delta R.T. 0.025 min

Lab File: VX042265.D

Acq: 10 Jul 2024 14:23

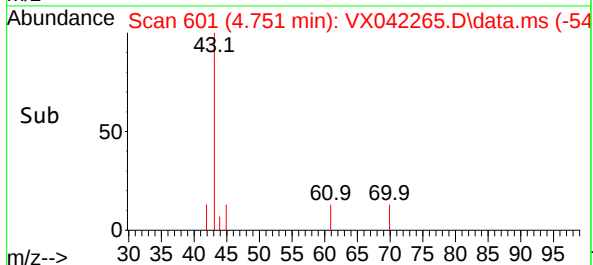
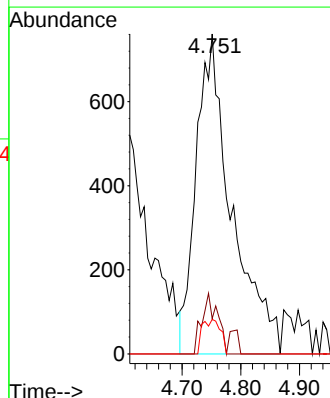
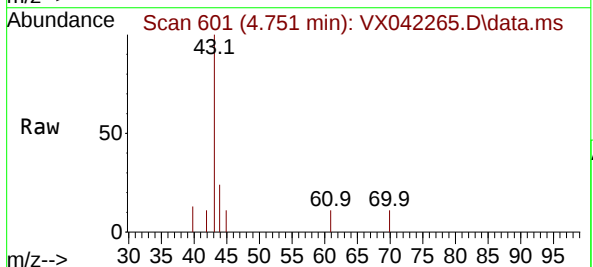
Tgt Ion: 43 Resp: 3187

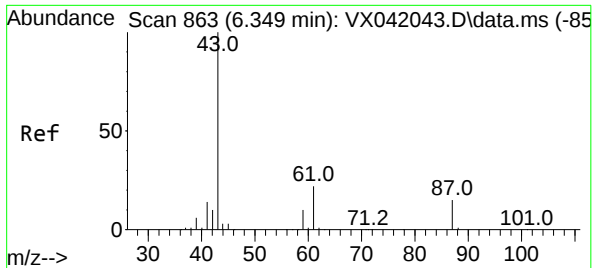
Ion Ratio Lower Upper

43 100

61 8.4 10.6 16.0#

70 5.6 8.3 12.5#

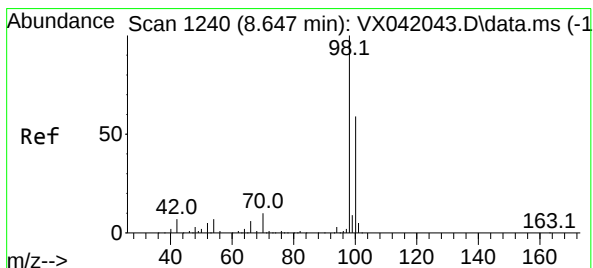
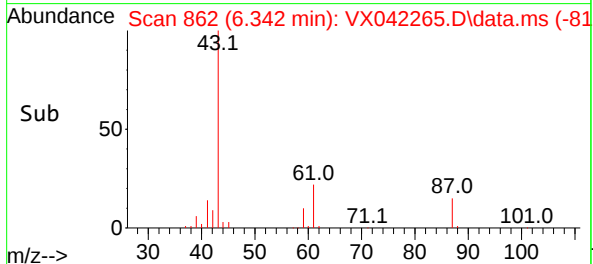
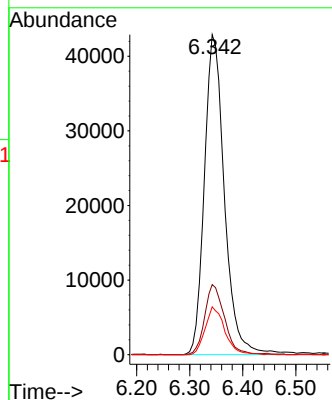
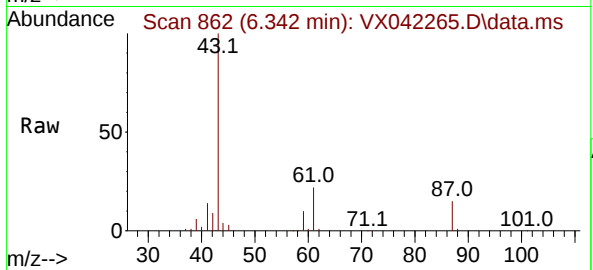




#43
Isopropyl Acetate
Concen: 31.350 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX042265.D
Acq: 10 Jul 2024 14:23

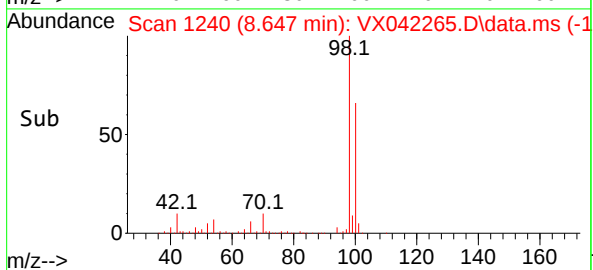
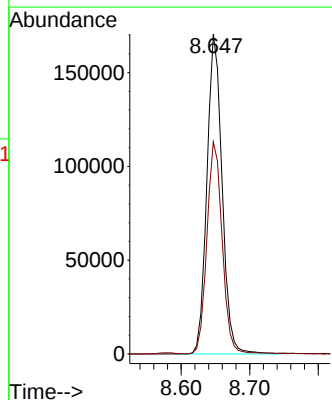
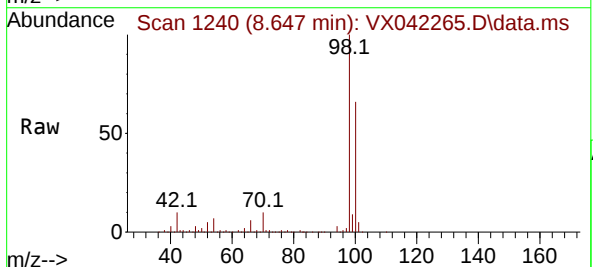
Instrument :
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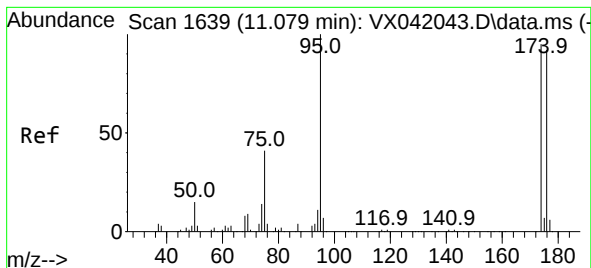
Tgt Ion: 43 Resp: 112578
Ion Ratio Lower Upper
43 100
61 21.6 15.2 22.8
87 14.6 9.8 14.6



#50
Toluene-d8
Concen: 44.207 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042265.D
Acq: 10 Jul 2024 14:23

Tgt Ion: 98 Resp: 262652
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7

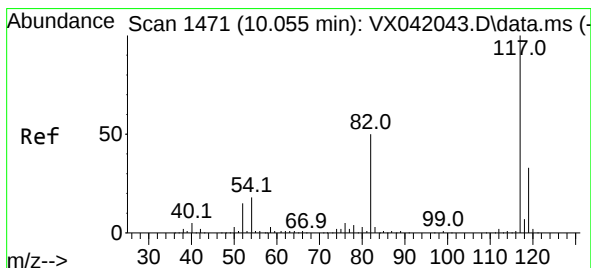
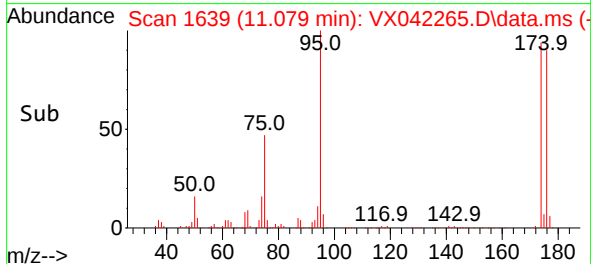
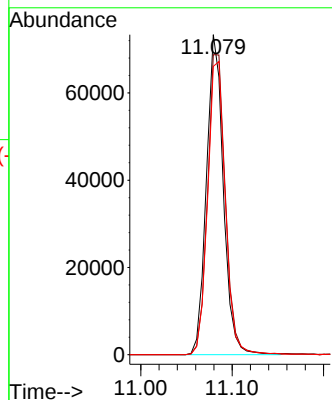
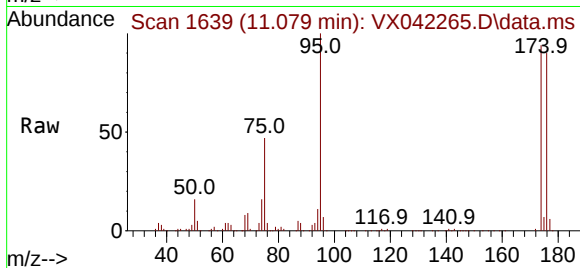




#62
4-Bromofluorobenzene
Concen: 43.036 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042265.D
Acq: 10 Jul 2024 14:23

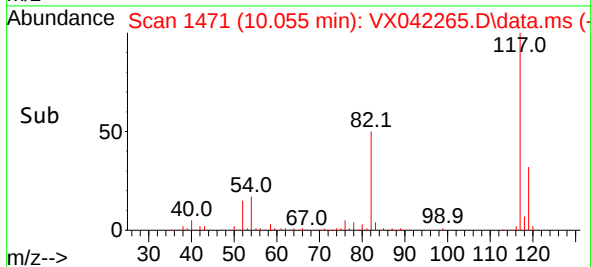
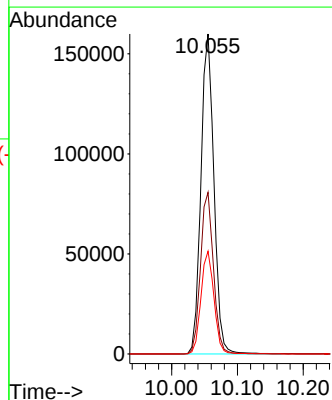
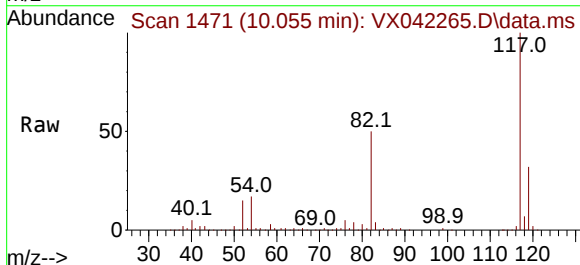
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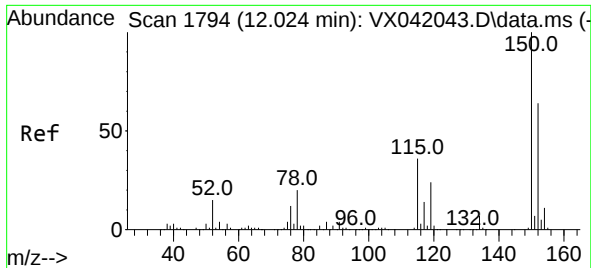
Tgt Ion: 95 Resp: 94255
Ion Ratio Lower Upper
95 100
174 99.5 0.0 135.6
176 95.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042265.D
Acq: 10 Jul 2024 14:23

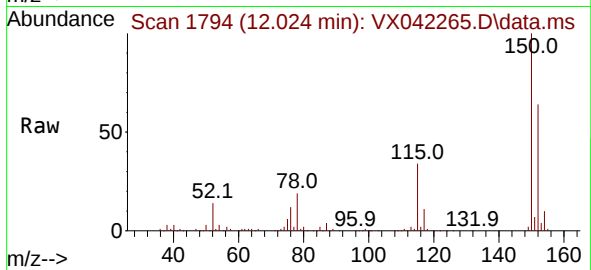
Tgt Ion: 117 Resp: 219299
Ion Ratio Lower Upper
117 100
82 50.5 46.2 69.4
119 32.1 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX042265.D
 Acq: 10 Jul 2024 14:23

Instrument :
 MSVOA_X
 ClientSampleId :
 PB161974ZHE#06



Tgt Ion:152 Resp: 97516
 Ion Ratio Lower Upper
 152 100
 115 53.7 43.3 129.9
 150 156.9 0.0 345.0

