

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060324\
 Data File : VX041712.D
 Acq On : 03 Jun 2024 18:14
 Operator : JC/MD
 Sample : P2687-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 72-11977

Quant Time: Jun 04 00:52:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

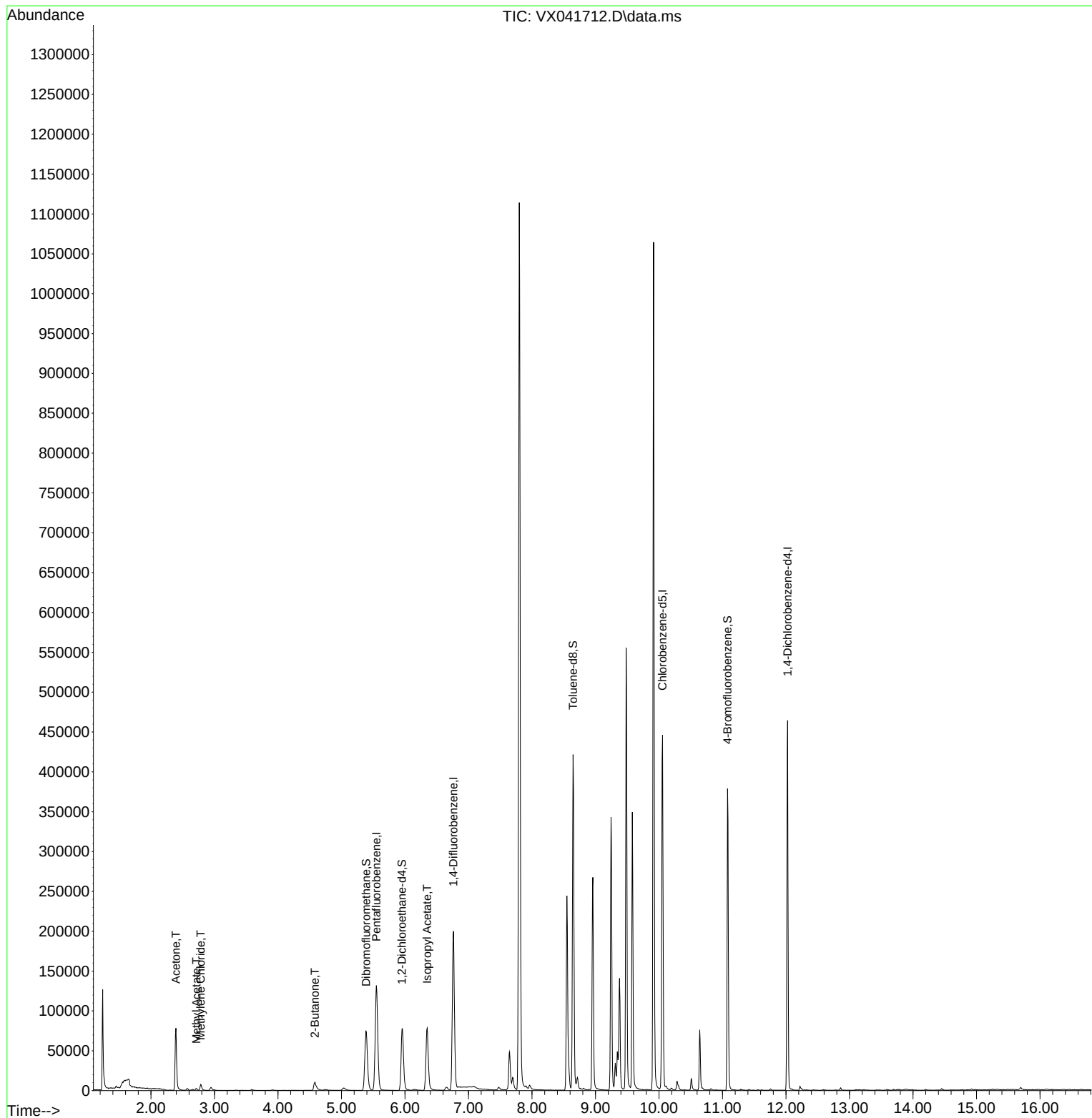
Internal Standards						
1) Pentafluorobenzene	5.550	168	136853	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	207171	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78832	46.967	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.940%
35) Dibromofluoromethane	5.385	113	65182	45.506	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.020%
50) Toluene-d8	8.647	98	248277	49.607	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.220%
62) 4-Bromofluorobenzene	11.079	95	94037	50.908	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.820%
Target Compounds						
						Qvalue
16) Acetone	2.392	43	86418	116.000	ug/l	97
18) Methyl Acetate	2.715	43	3350	2.090	ug/l	92
20) Methylene Chloride	2.782	84	3663	2.439	ug/l	99
25) 2-Butanone	4.581	43	20228	19.391	ug/l	96
43) Isopropyl Acetate	6.348	43	110798	33.528	ug/l	99

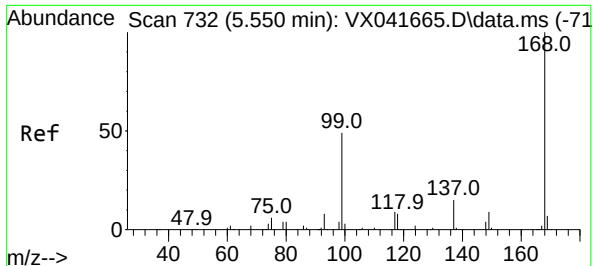
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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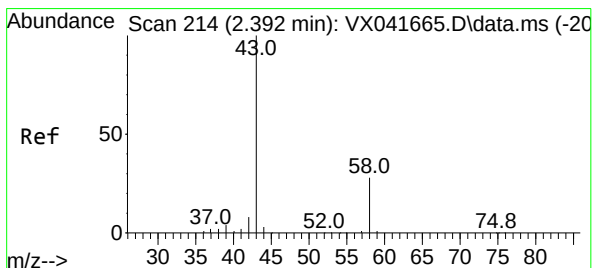
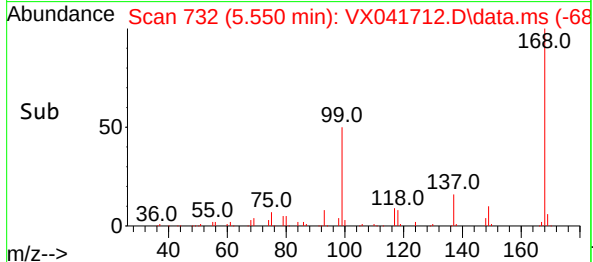
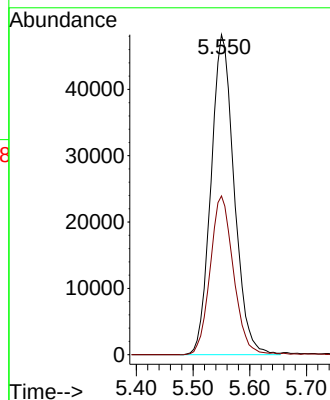
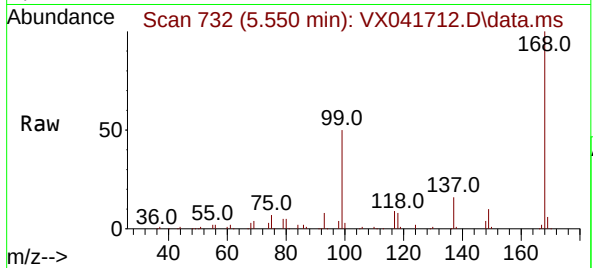




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041712.D
Acq: 03 Jun 2024 18:14

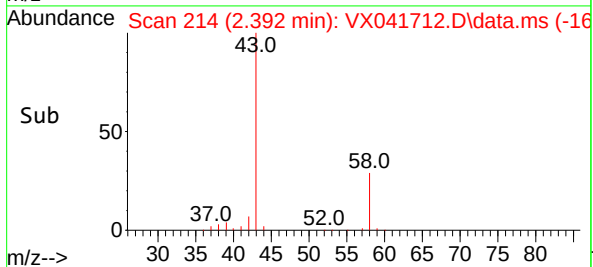
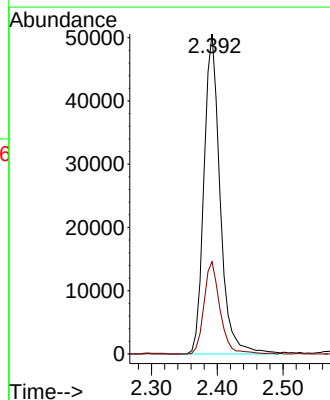
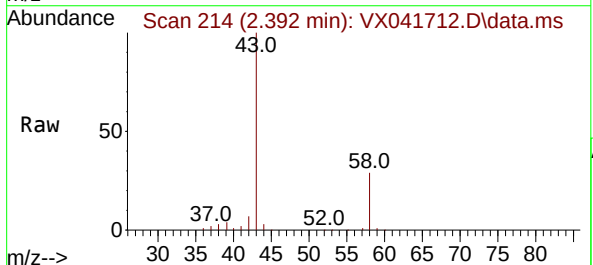
Instrument :
MSVOA_X
ClientSampleId :
72-11977

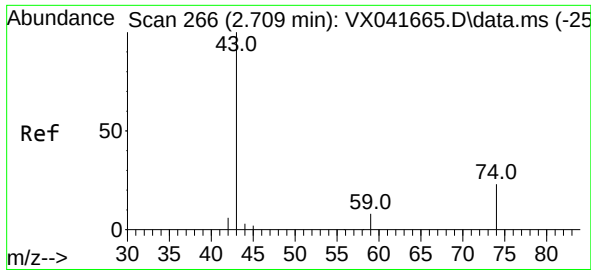
Tgt Ion:168 Resp: 136853
Ion Ratio Lower Upper
168 100
99 49.6 56.6 85.0#



#16
Acetone
Concen: 116.000 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041712.D
Acq: 03 Jun 2024 18:14

Tgt Ion: 43 Resp: 86418
Ion Ratio Lower Upper
43 100
58 28.9 21.9 32.9





#18

Methyl Acetate

Concen: 2.090 ug/l

RT: 2.715 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX041712.D

Acq: 03 Jun 2024 18:14

Instrument :

MSVOA_X

ClientSampleId :

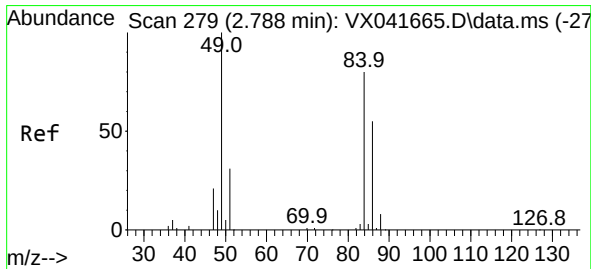
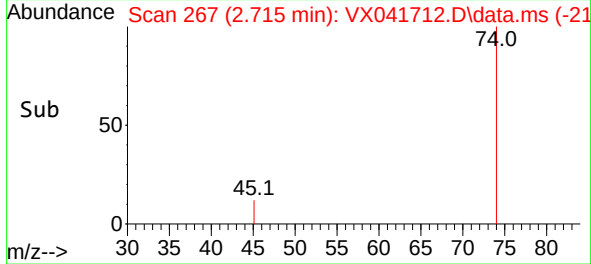
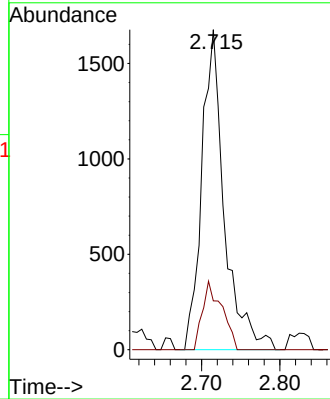
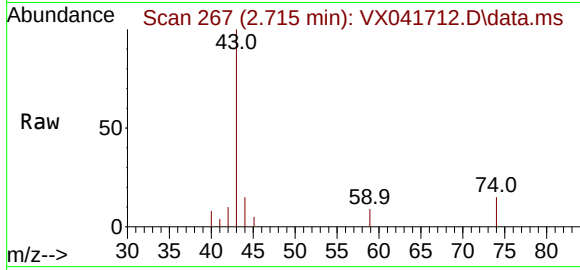
72-11977

Tgt Ion: 43 Resp: 3350

Ion Ratio Lower Upper

43 100

74 18.5 17.8 26.8



#20

Methylene Chloride

Concen: 2.439 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX041712.D

Acq: 03 Jun 2024 18:14

Tgt Ion: 84 Resp: 3663

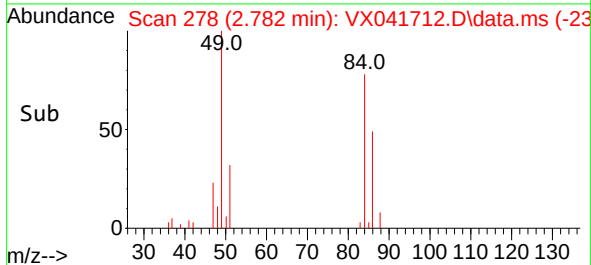
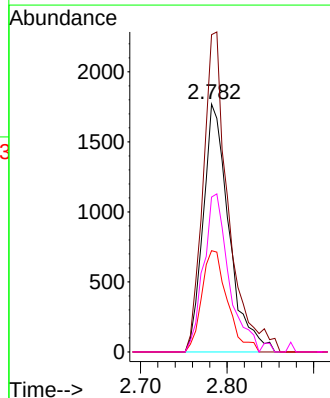
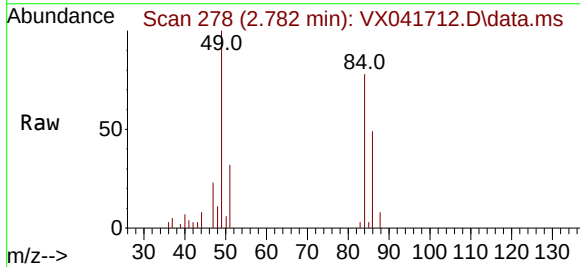
Ion Ratio Lower Upper

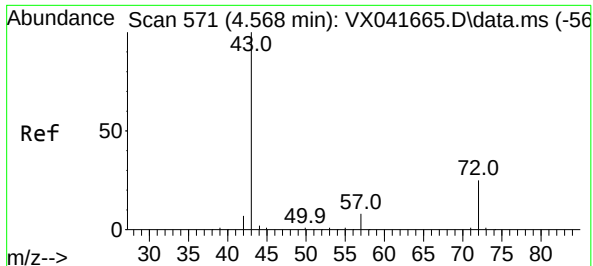
84 100

49 128.0 103.6 155.4

51 40.8 33.8 50.6

86 62.5 49.4 74.0

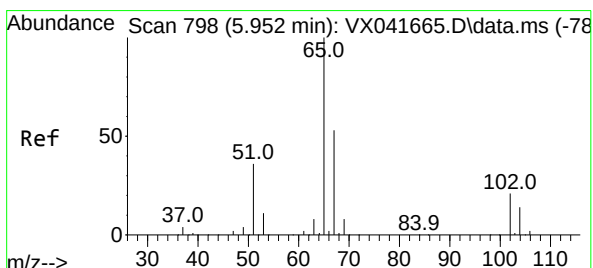
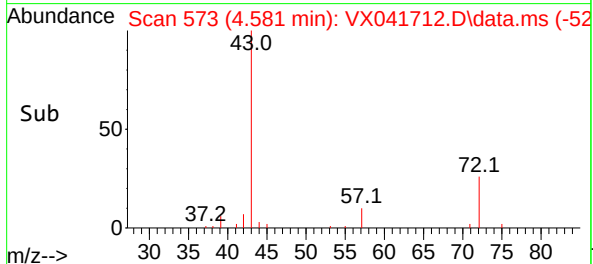
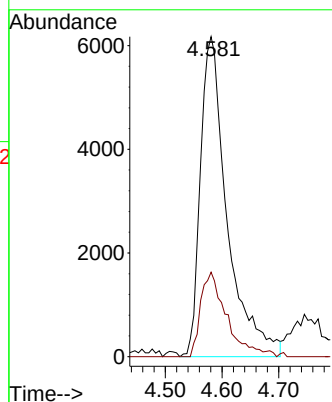
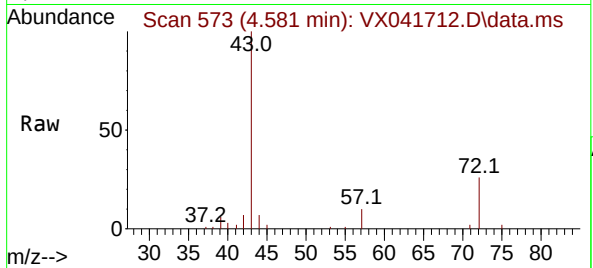




#25
2-Butanone
Concen: 19.391 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX041712.D
Acq: 03 Jun 2024 18:14

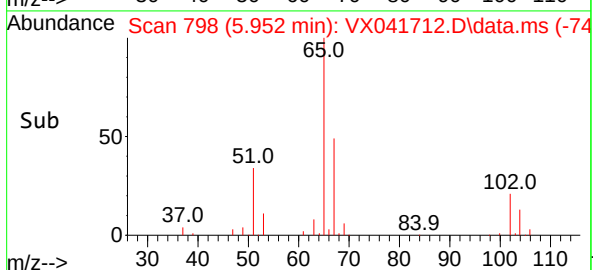
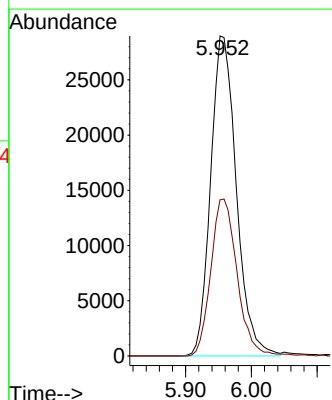
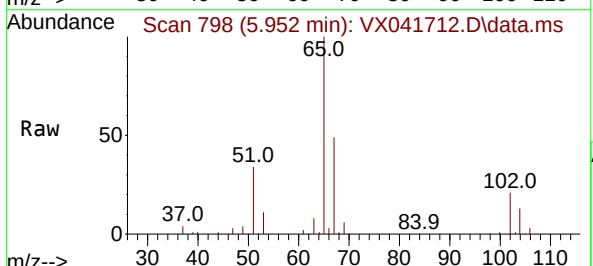
Instrument :
MSVOA_X
ClientSampleId :
72-11977

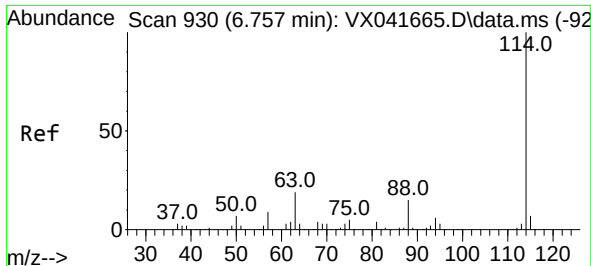
Tgt Ion: 43 Resp: 20228
Ion Ratio Lower Upper
43 100
72 26.4 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 46.967 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041712.D
Acq: 03 Jun 2024 18:14

Tgt Ion: 65 Resp: 78832
Ion Ratio Lower Upper
65 100
67 50.3 0.0 100.2

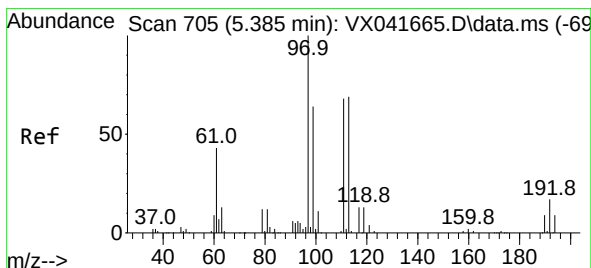
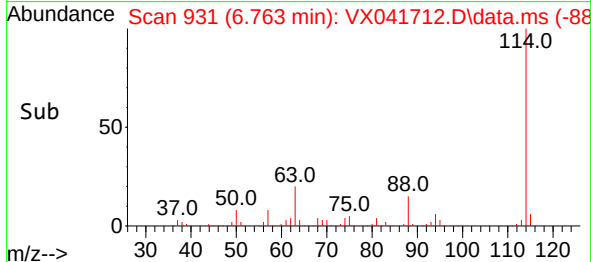
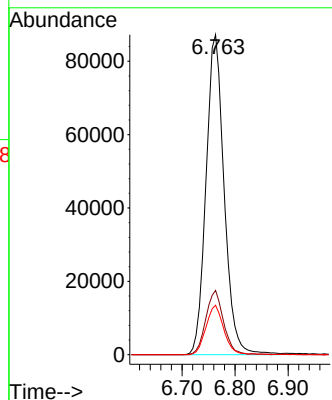
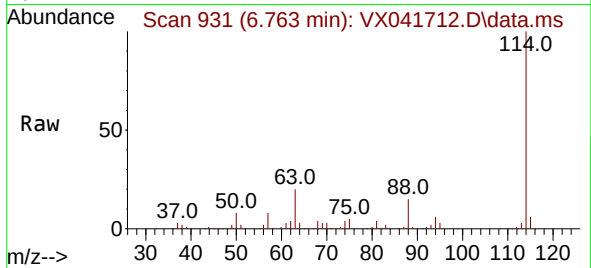




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX041712.D
Acq: 03 Jun 2024 18:14

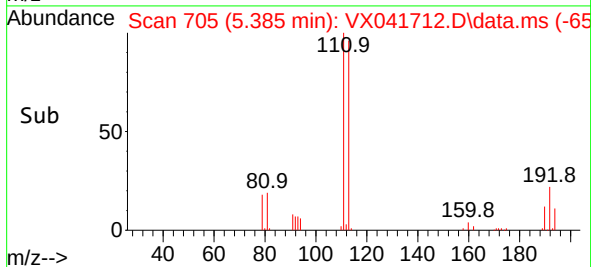
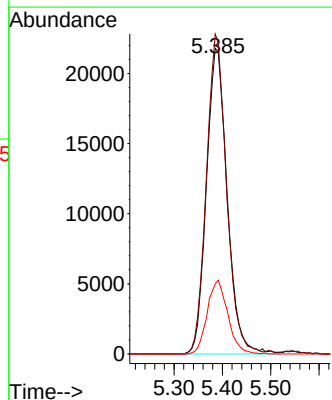
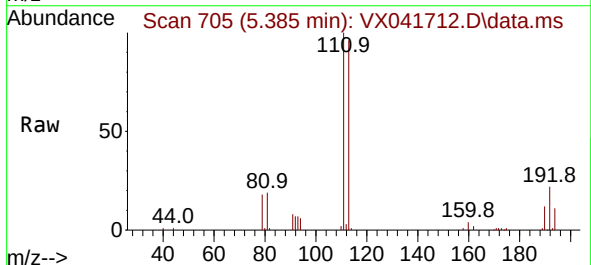
Instrument :
MSVOA_X
ClientSampleId :
72-11977

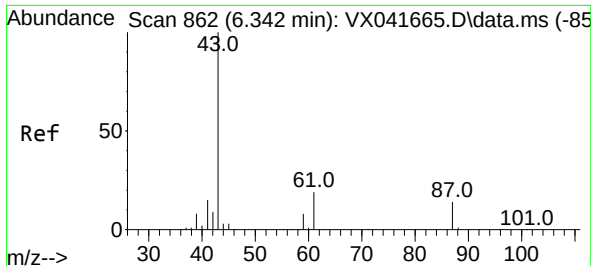
Tgt Ion:114 Resp: 207171
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.506 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041712.D
Acq: 03 Jun 2024 18:14

Tgt Ion:113 Resp: 65182
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 23.8 13.3 19.9#





#43

Isopropyl Acetate

Concen: 33.528 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX041712.D

Acq: 03 Jun 2024 18:14

Instrument :

MSVOA_X

ClientSampleId :

72-11977

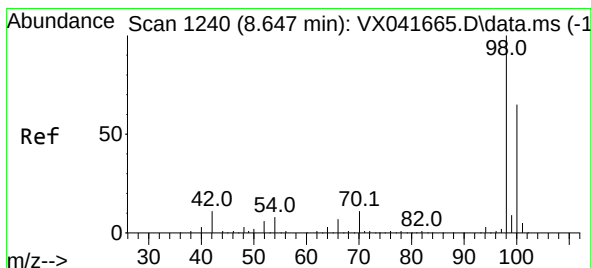
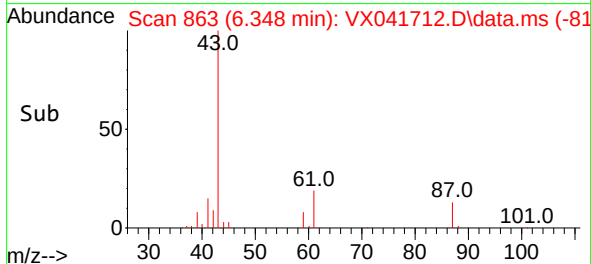
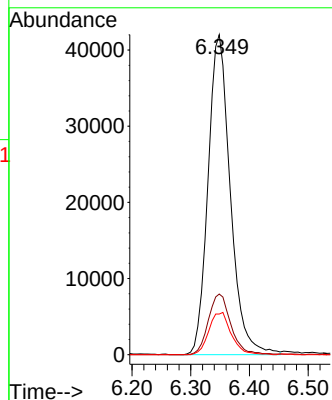
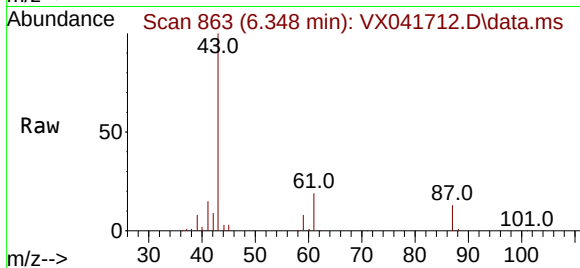
Tgt Ion: 43 Resp: 110798

Ion Ratio Lower Upper

43 100

61 19.2 15.2 22.8

87 13.2 9.8 14.6



#50

Toluene-d8

Concen: 49.607 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041712.D

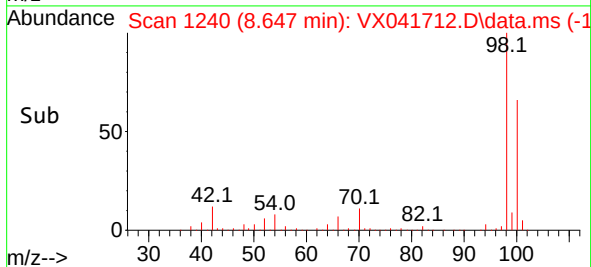
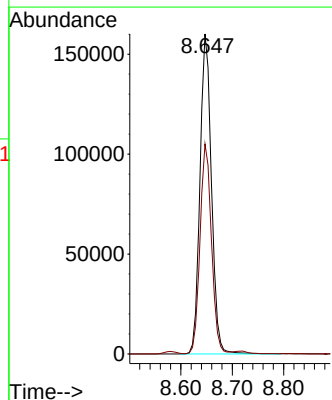
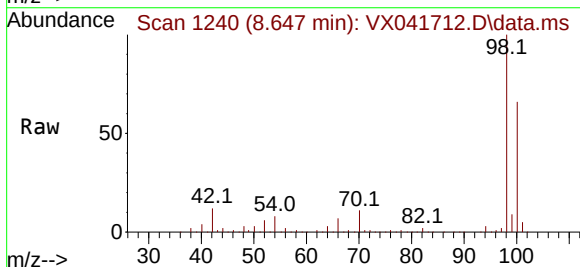
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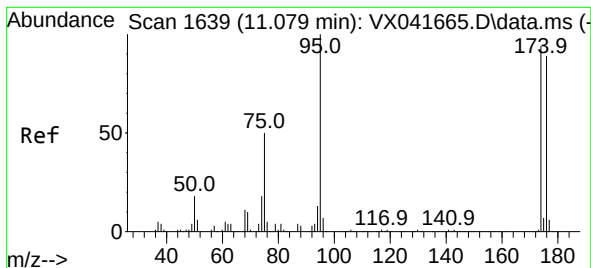
Tgt Ion: 98 Resp: 248277

Ion Ratio Lower Upper

98 100

100 65.2 53.1 79.7

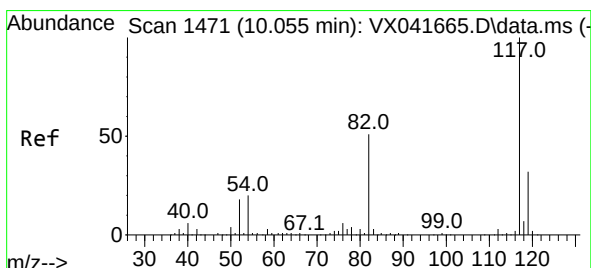
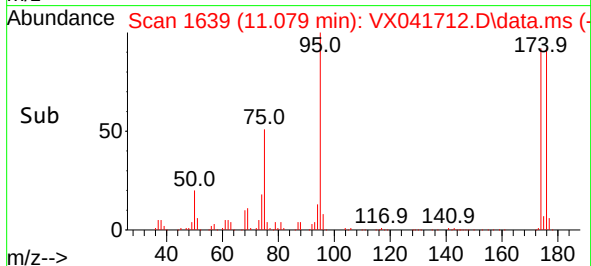
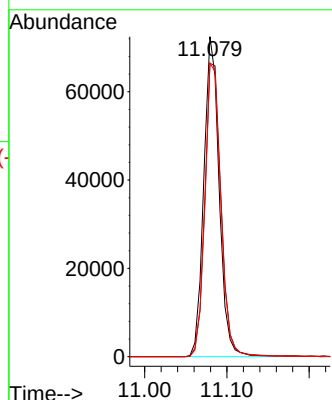
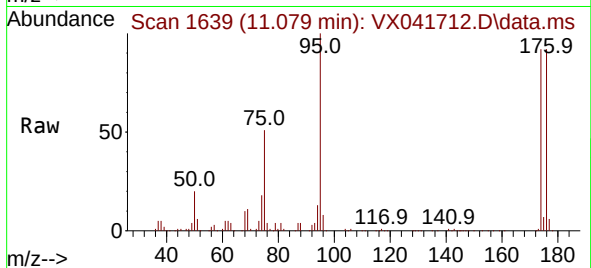




#62
4-Bromofluorobenzene
Concen: 50.908 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041712.D
Acq: 03 Jun 2024 18:14

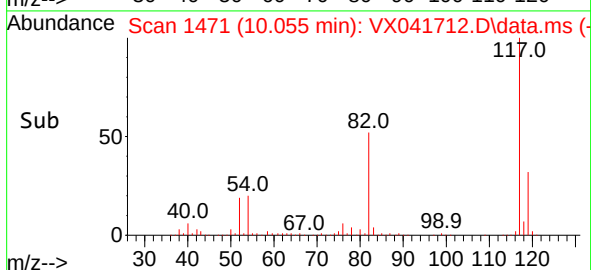
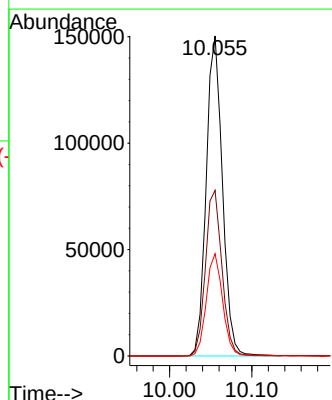
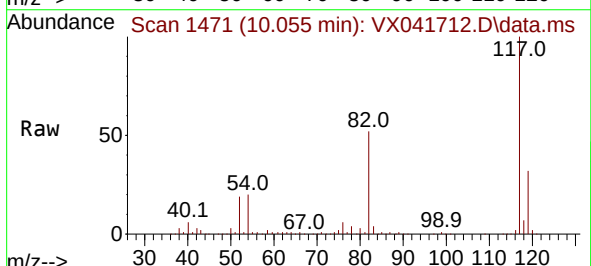
Instrument :
MSVOA_X
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72-11977

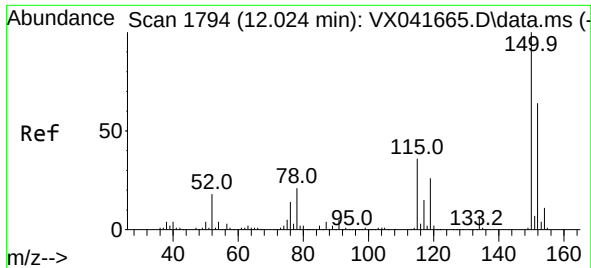
Tgt Ion: 95 Resp: 94037
Ion Ratio Lower Upper
95 100
174 96.9 0.0 135.6
176 94.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041712.D
Acq: 03 Jun 2024 18:14

Tgt Ion: 117 Resp: 206167
Ion Ratio Lower Upper
117 100
82 51.8 46.2 69.4
119 31.9 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: VX041712.D

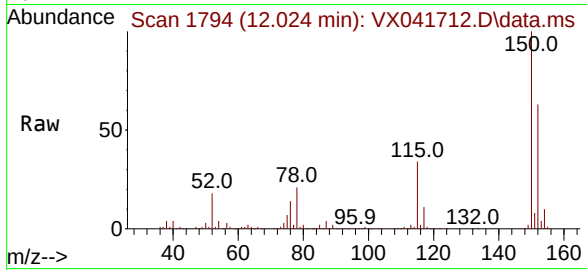
Acq: 03 Jun 2024 18:14

Instrument :

MSVOA_X

ClientSampleId :

72-11977



Tgt Ion:152 Resp: 101855

Ion Ratio Lower Upper

152 100

115 53.7 43.3 129.9

150 156.9 0.0 345.0

