

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010824\
 Data File : VX039658.D
 Acq On : 08 Jan 2024 12:04
 Operator : JC/MD
 Sample : P1015-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MR-301P-0-2

Quant Time: Jan 09 04:32:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

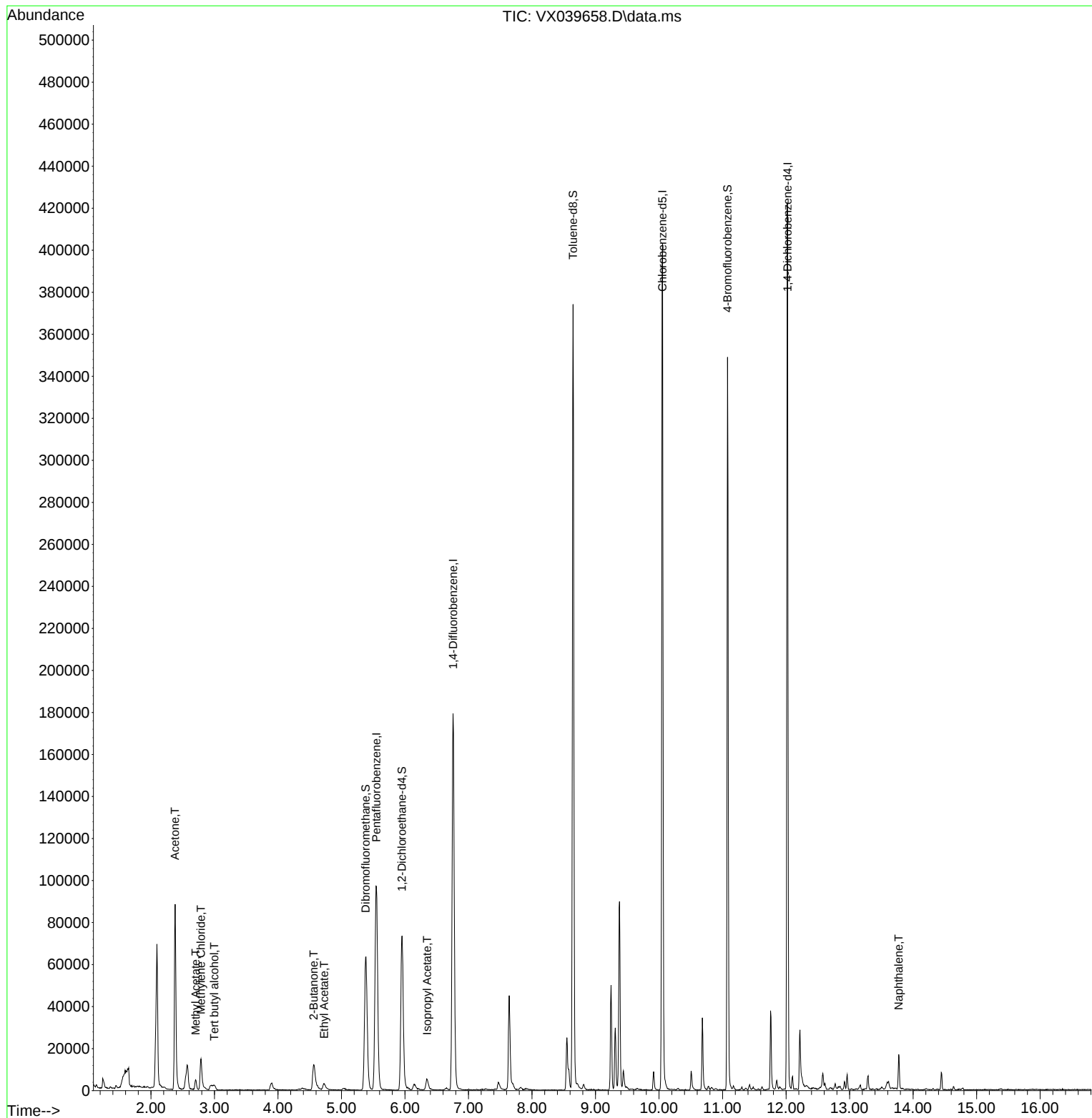
Internal Standards						
1) Pentafluorobenzene	5.550	168	87337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	177776	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72289	45.182	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.360%
35) Dibromofluoromethane	5.379	113	56944	46.365	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.740%
50) Toluene-d8	8.647	98	218209	47.857	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.720%
62) 4-Bromofluorobenzene	11.079	95	93133	49.505	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.020%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.995	59	5557	13.831	ug/l #	93
16) Acetone	2.380	43	92539	83.864	ug/l	91
18) Methyl Acetate	2.703	43	5600	1.618	ug/l	100
20) Methylene Chloride	2.788	84	7399	5.548	ug/l	98
25) 2-Butanone	4.562	43	24952	18.073	ug/l	91
37) Ethyl Acetate	4.727	43	5714	2.386	ug/l	98
43) Isopropyl Acetate	6.348	43	8091	2.078	ug/l #	91
95) Naphthalene	13.774	128	10618	1.829	ug/l	100

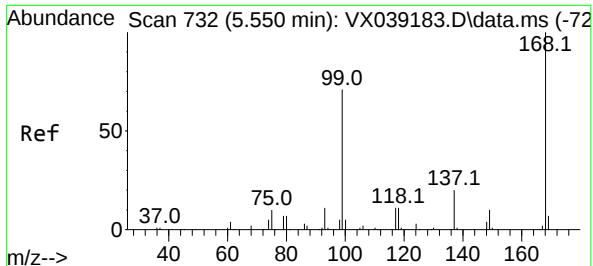
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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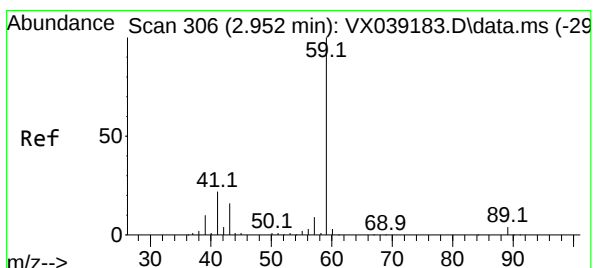
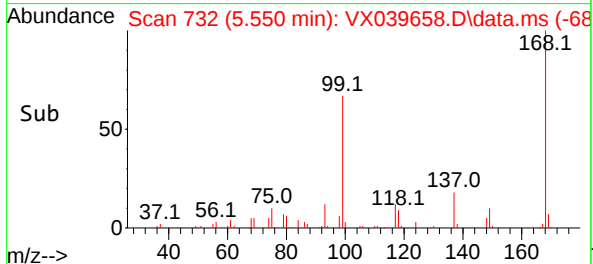
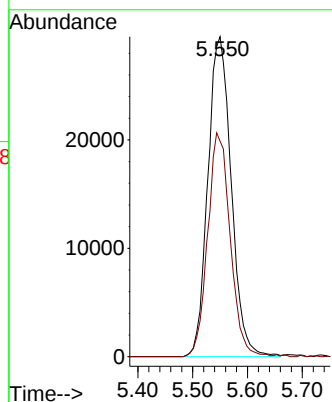
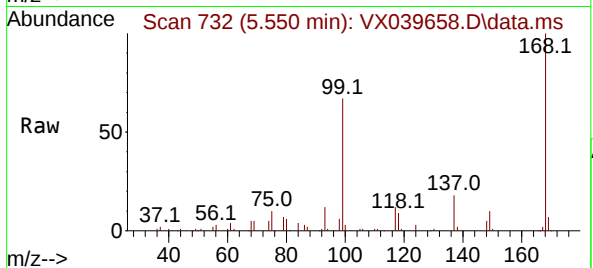




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039658.D
Acq: 08 Jan 2024 12:04

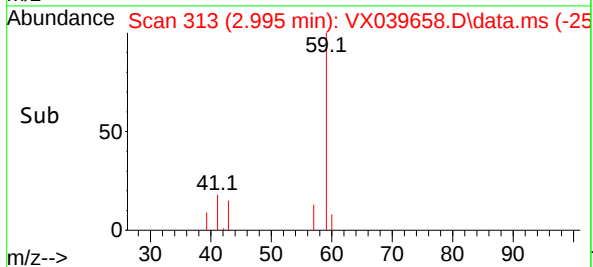
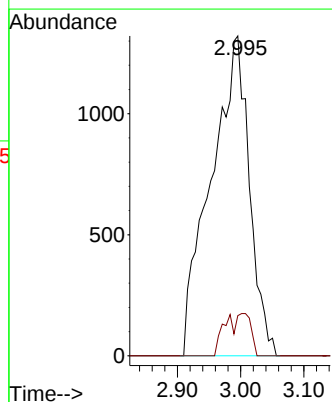
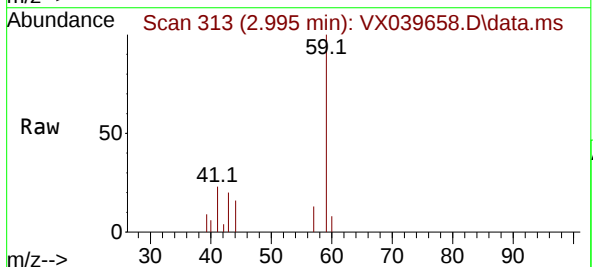
Instrument :
MSVOA_X
ClientSampleId :
MR-301P-0-2

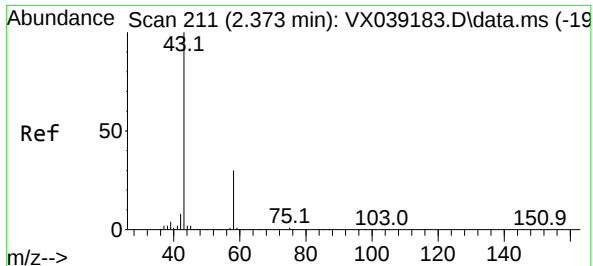
Tgt Ion:168 Resp: 87337
Ion Ratio Lower Upper
168 100
99 67.4 56.6 85.0



#11
Tert butyl alcohol
Concen: 13.831 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.043 min
Lab File: VX039658.D
Acq: 08 Jan 2024 12:04

Tgt Ion: 59 Resp: 5557
Ion Ratio Lower Upper
59 100
57 4.9 6.0 9.0#

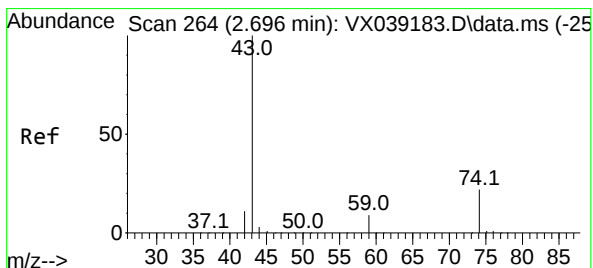
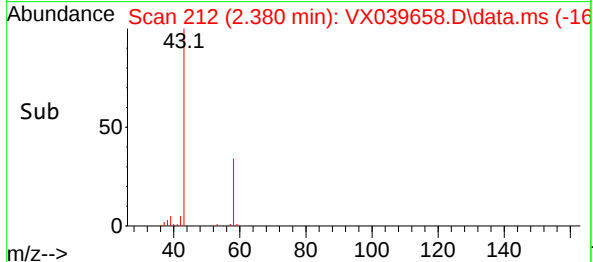
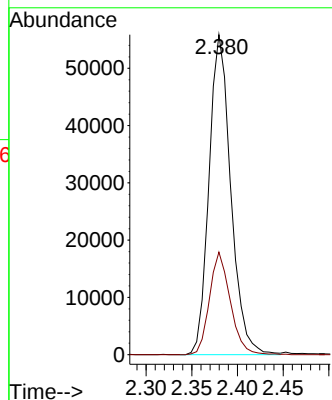
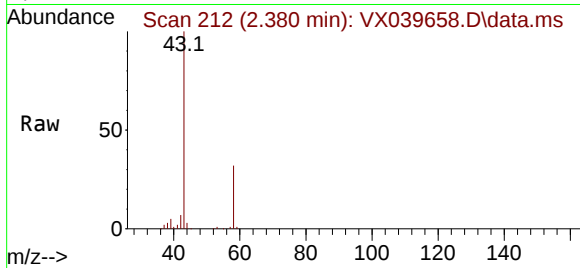




#16
Acetone
Concen: 83.864 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX039658.D
Acq: 08 Jan 2024 12:04

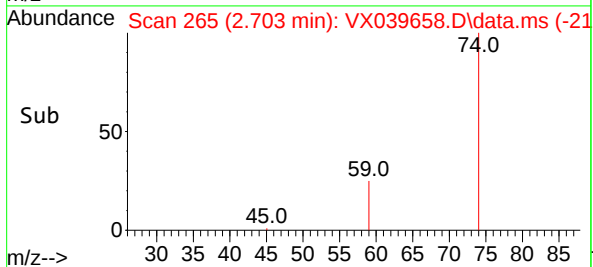
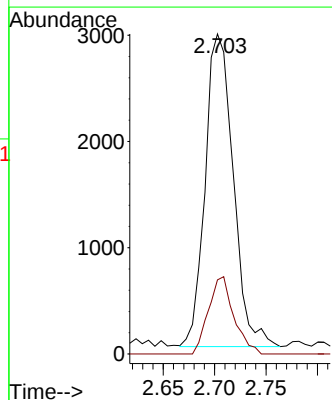
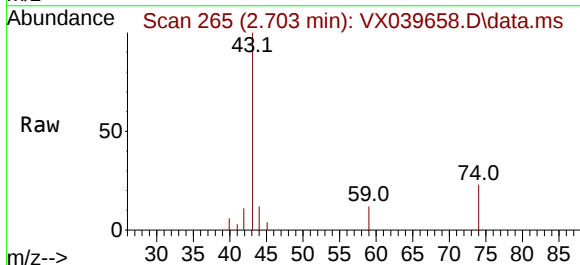
Instrument :
MSVOA_X
ClientSampleId :
MR-301P-0-2

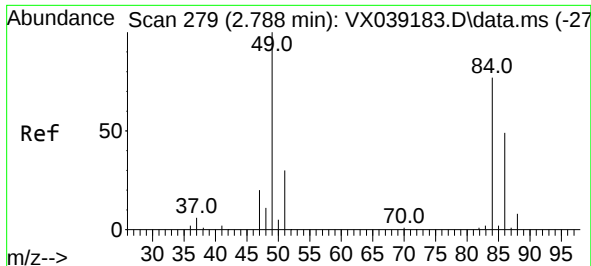
Tgt Ion: 43 Resp: 92539
Ion Ratio Lower Upper
43 100
58 32.1 21.9 32.9



#18
Methyl Acetate
Concen: 1.618 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039658.D
Acq: 08 Jan 2024 12:04

Tgt Ion: 43 Resp: 5600
Ion Ratio Lower Upper
43 100
74 22.3 17.8 26.8

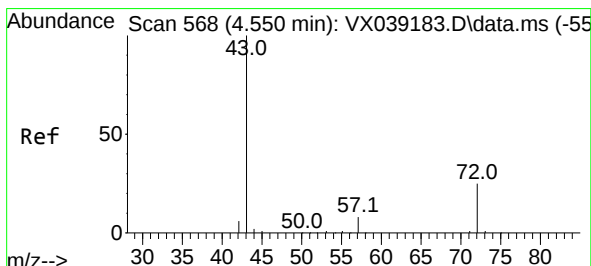
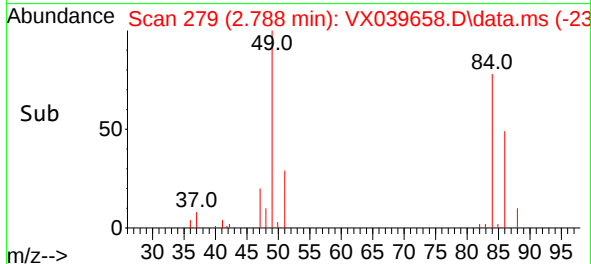
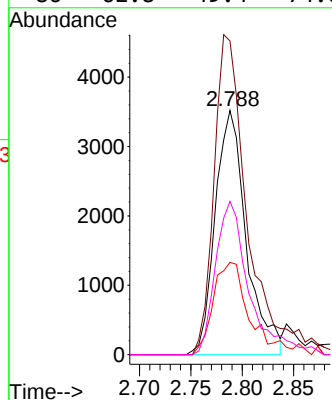
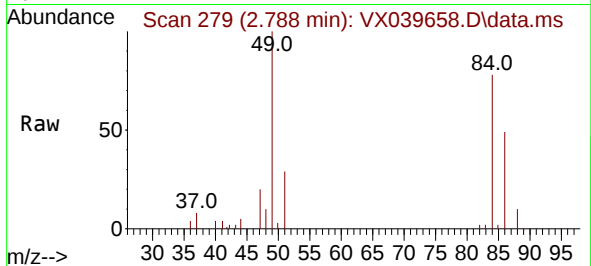




#20
Methylene Chloride
Concen: 5.548 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039658.D
Acq: 08 Jan 2024 12:04

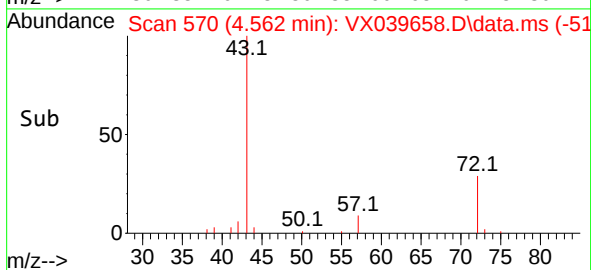
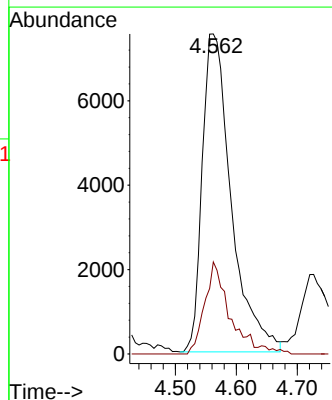
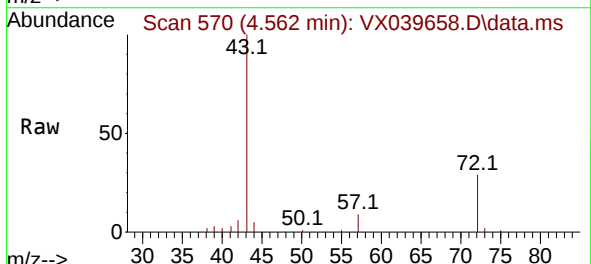
Instrument :
MSVOA_X
ClientSampleId :
MR-301P-0-2

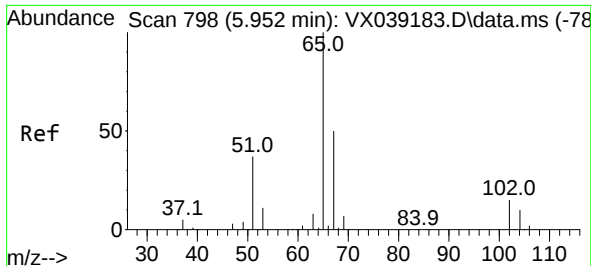
Tgt Ion:	84	Resp:	7399
Ion	Ratio	Lower	Upper
84	100		
49	128.5	103.6	155.4
51	37.8	33.8	50.6
86	62.8	49.4	74.0



#25
2-Butanone
Concen: 18.073 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.013 min
Lab File: VX039658.D
Acq: 08 Jan 2024 12:04

Tgt Ion:	43	Resp:	24952
Ion	Ratio	Lower	Upper
43	100		
72	29.0	19.4	29.2

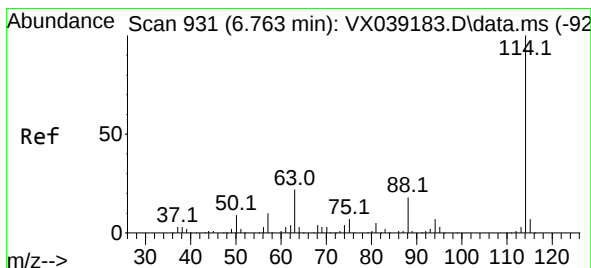
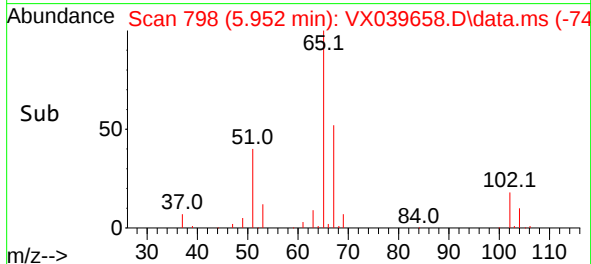
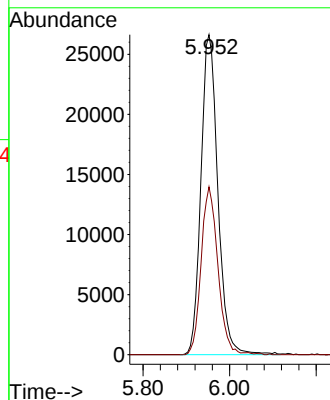
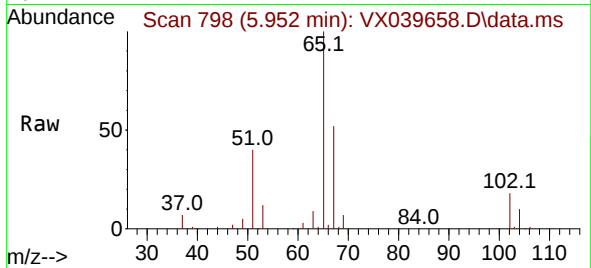




#33
 1,2-Dichloroethane-d4
 Concen: 45.182 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX039658.D
 Acq: 08 Jan 2024 12:04

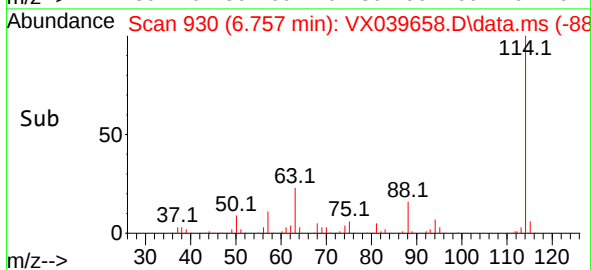
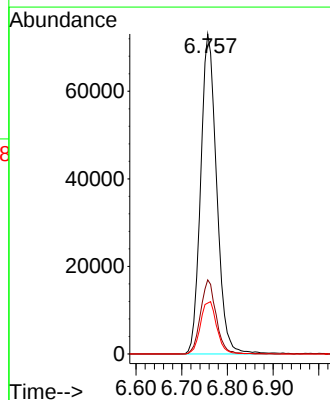
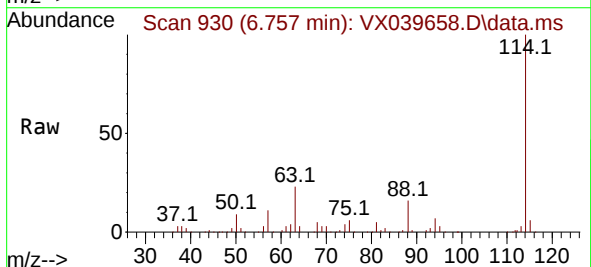
Instrument :
 MSVOA_X
 ClientSampleId :
 MR-301P-0-2

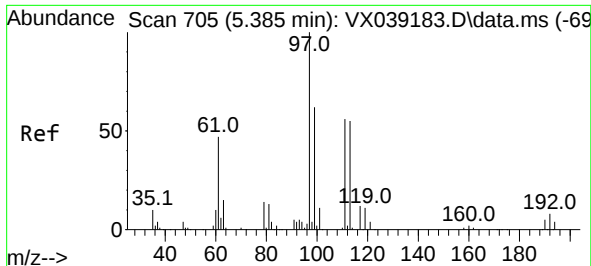
Tgt Ion: 65 Resp: 72289
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX039658.D
 Acq: 08 Jan 2024 12:04

Tgt Ion: 114 Resp: 177776
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.0
 88 15.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.365 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX039658.D

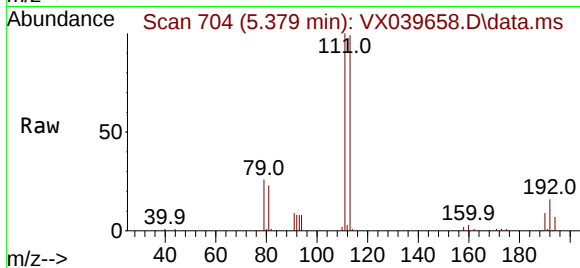
Acq: 08 Jan 2024 12:04

Instrument :

MSVOA_X

ClientSampleId :

MR-301P-0-2



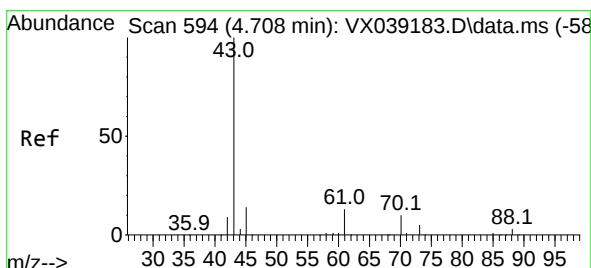
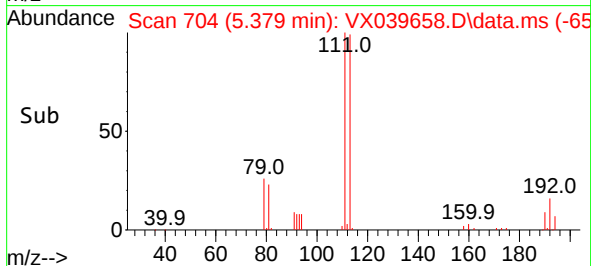
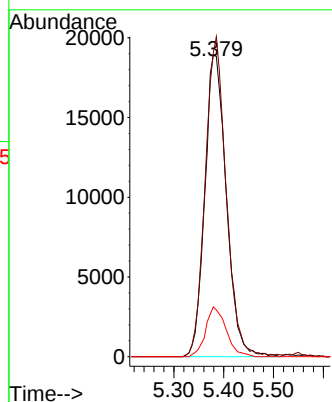
Tgt Ion:113 Resp: 56944

Ion Ratio Lower Upper

113 100

111 103.1 82.9 124.3

192 15.6 13.3 19.9



#37

Ethyl Acetate

Concen: 2.386 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.019 min

Lab File: VX039658.D

Acq: 08 Jan 2024 12:04

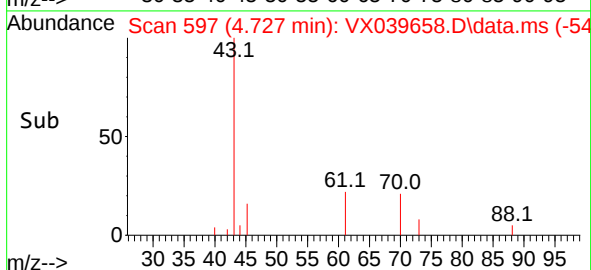
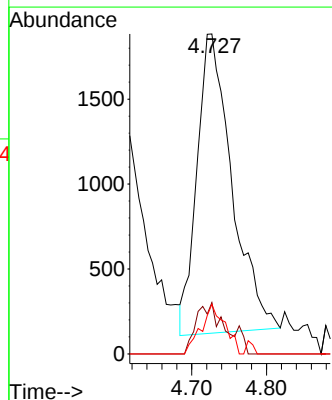
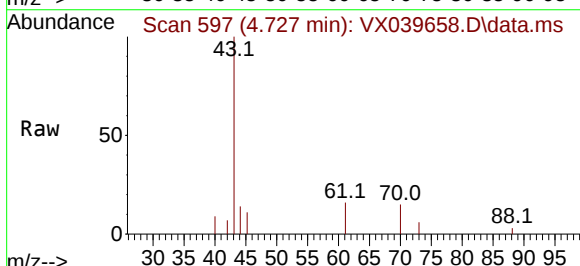
Tgt Ion: 43 Resp: 5714

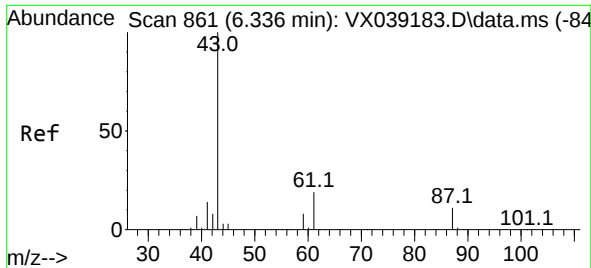
Ion Ratio Lower Upper

43 100

61 12.8 10.6 16.0

70 11.3 8.3 12.5

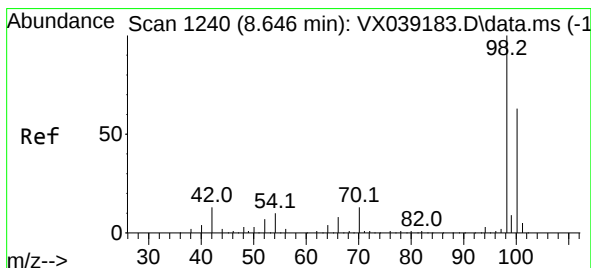
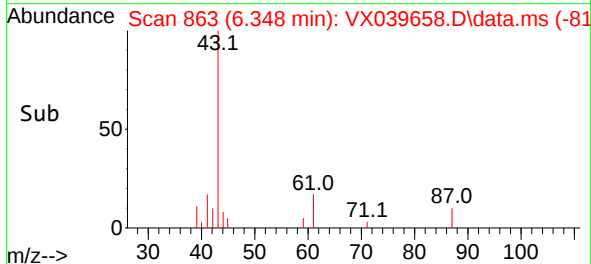
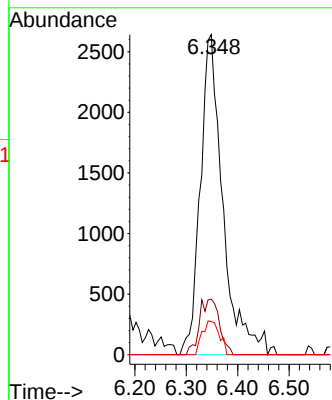
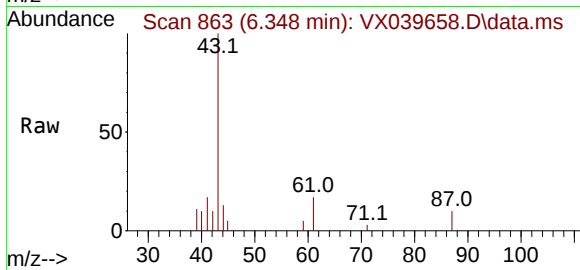




#43
Isopropyl Acetate
Concen: 2.078 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX039658.D
Acq: 08 Jan 2024 12:04

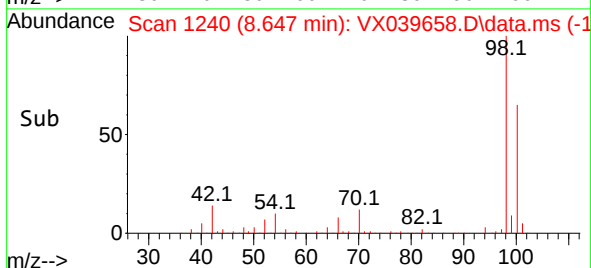
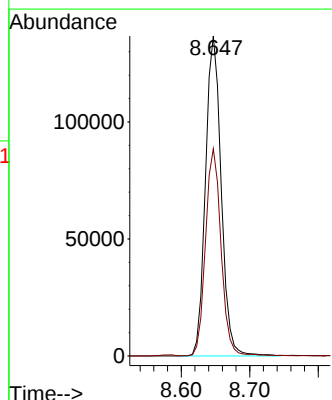
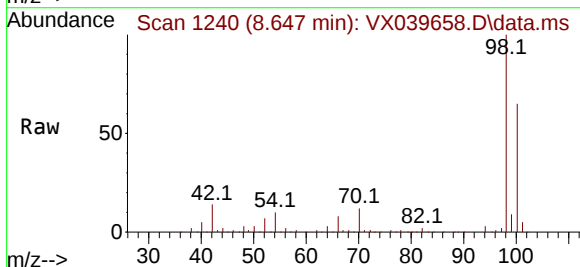
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MR-301P-0-2

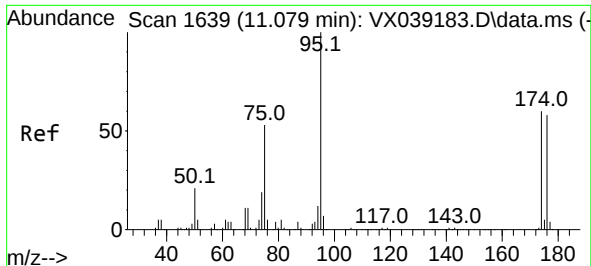
Tgt Ion: 43 Resp: 8091
Ion Ratio Lower Upper
43 100
61 15.3 15.2 22.8
87 8.0 9.8 14.6#



#50
Toluene-d8
Concen: 47.857 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039658.D
Acq: 08 Jan 2024 12:04

Tgt Ion: 98 Resp: 218209
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 49.505 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039658.D

Acq: 08 Jan 2024 12:04

Instrument :

MSVOA_X

ClientSampleId :

MR-301P-0-2

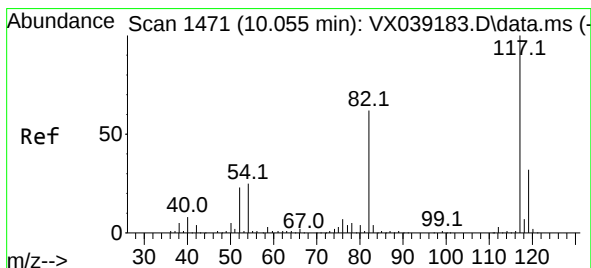
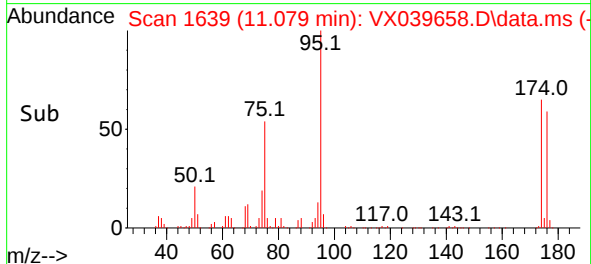
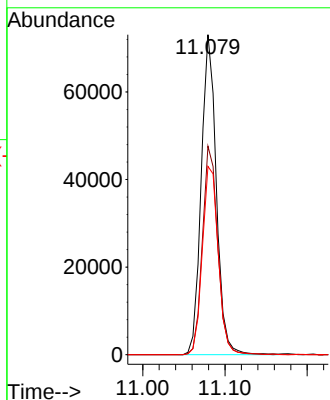
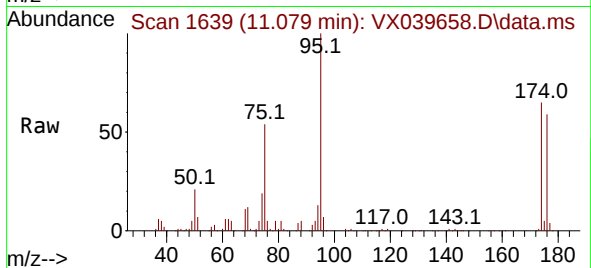
Tgt Ion: 95 Resp: 93133

Ion Ratio Lower Upper

95 100

174 66.0 0.0 135.6

176 62.3 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: VX039658.D

Acq: 08 Jan 2024 12:04

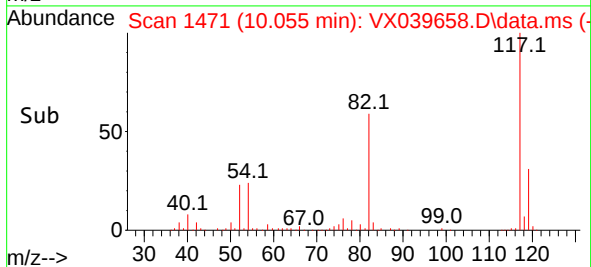
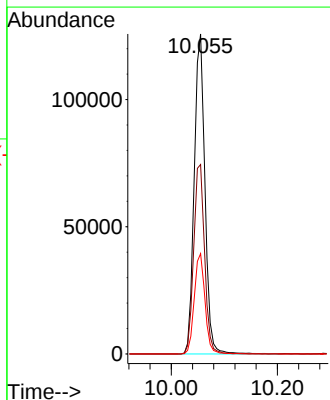
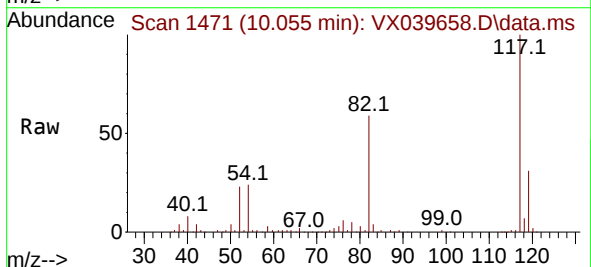
Tgt Ion: 117 Resp: 176269

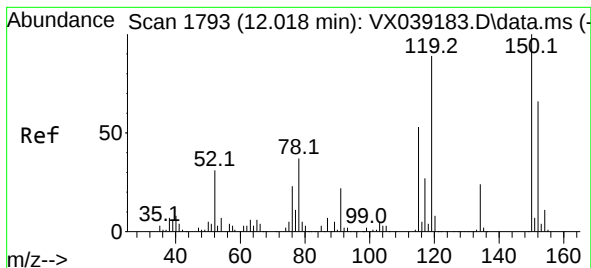
Ion Ratio Lower Upper

117 100

82 59.2 46.2 69.4

119 31.3 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039658.D

Acq: 08 Jan 2024 12:04

Instrument :

MSVOA_X

ClientSampleId :

MR-301P-0-2

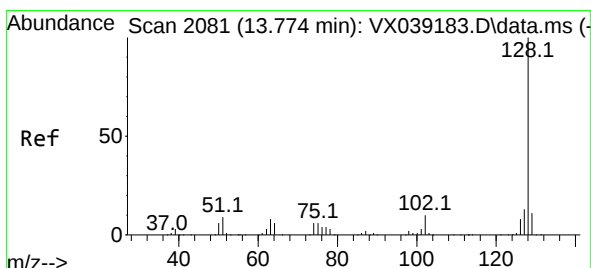
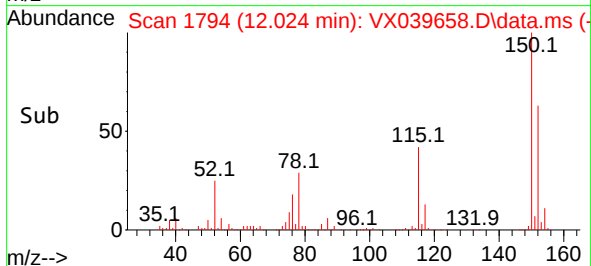
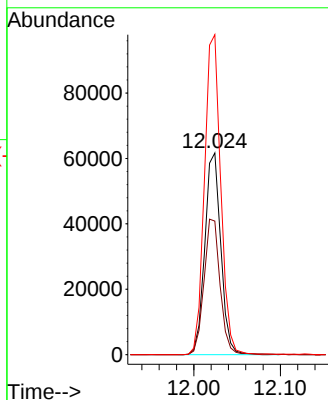
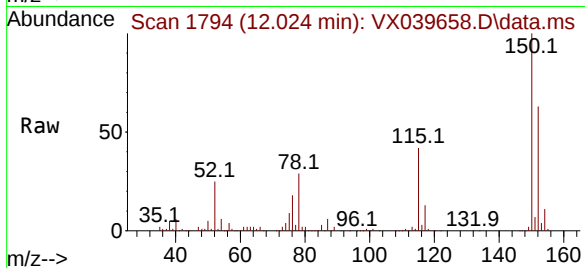
Tgt Ion:152 Resp: 79364

Ion Ratio Lower Upper

152 100

115 67.4 43.3 129.9

150 160.8 0.0 345.0



#95

Naphthalene

Concen: 1.829 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039658.D

Acq: 08 Jan 2024 12:04

Tgt Ion:128 Resp: 10618

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 11.0 8.8 13.2

