

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061323\
 Data File : VX036136.D
 Acq On : 13 Jun 2023 12:08
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Jun 14 00:52:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

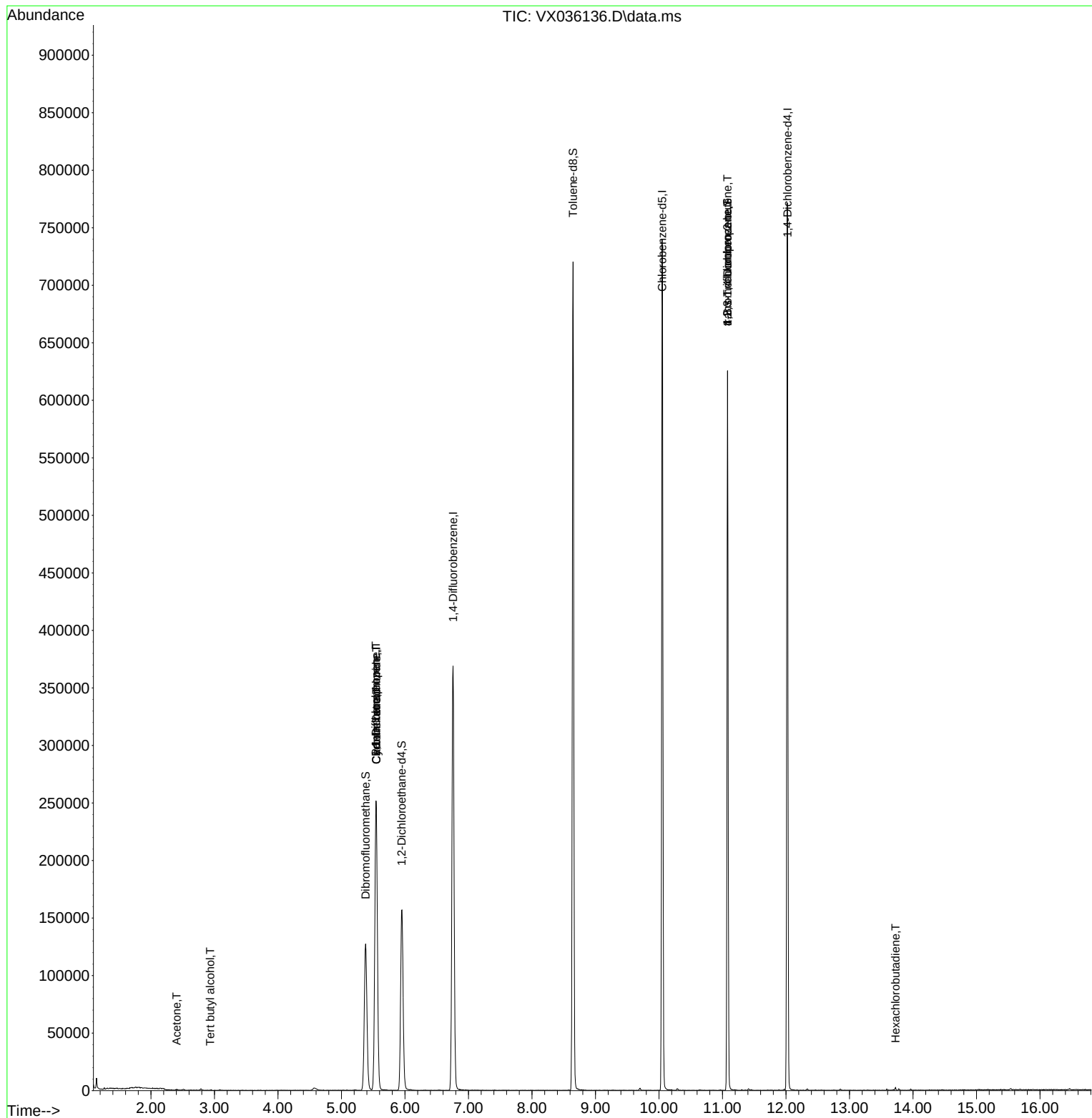
Internal Standards						
1) Pentafluorobenzene	5.544	168	213918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	352423	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	309797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	164423	47.333	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.660%
35) Dibromofluoromethane	5.379	113	110297	46.531	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.060%
50) Toluene-d8	8.647	98	414342	48.705	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.420%
62) 4-Bromofluorobenzene	11.079	95	162149	48.284	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.560%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.934	59	178	0.289	ug/l #	78
16) Acetone	2.404	43	1016	0.709	ug/l #	47
31) Cyclohexane	5.550	56	5779	1.589	ug/l #	6
36) 1,1-Dichloropropene	5.544	75	20898	6.612	ug/l #	51
38) Carbon Tetrachloride	5.550	117	25975	8.434	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	89617	26.972	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	89617	90.851	ug/l #	3
94) Hexachlorobutadiene	13.725	225	384	0.359	ug/l	86

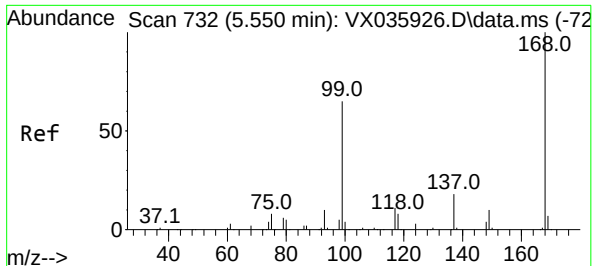
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 31 12:50:30 2023
Response via : Initial Calibration

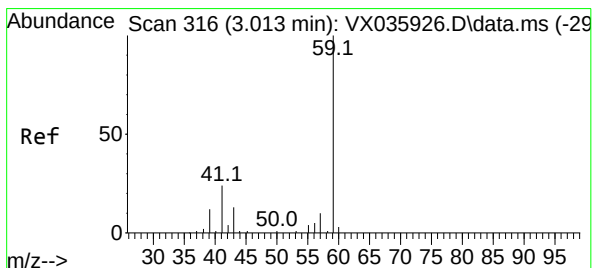
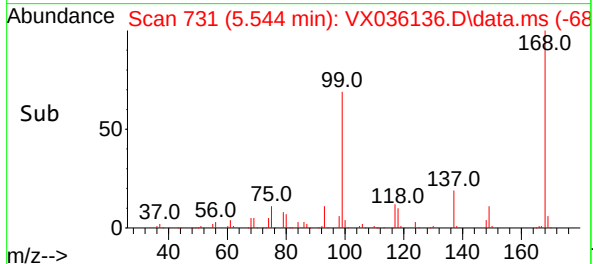
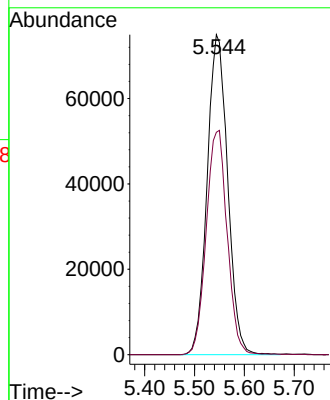
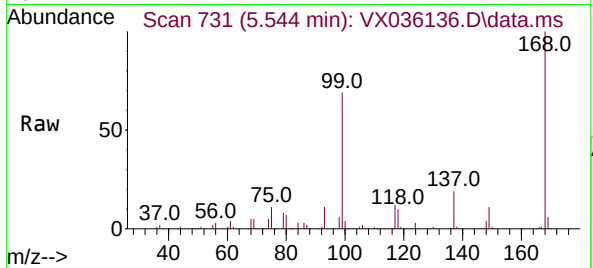




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.005 min
Lab File: VX036136.D
Acq: 13 Jun 2023 12:08

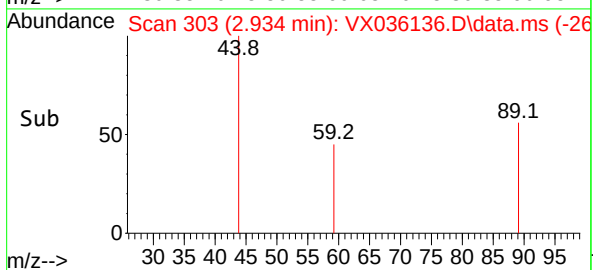
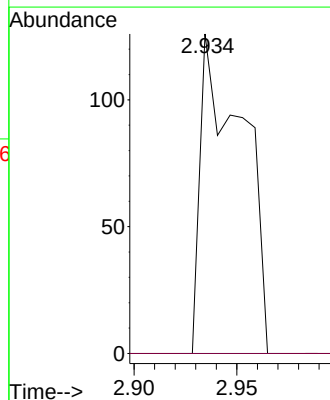
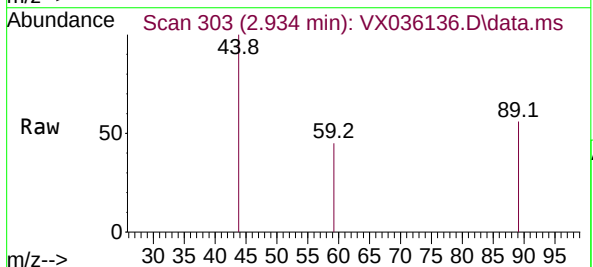
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

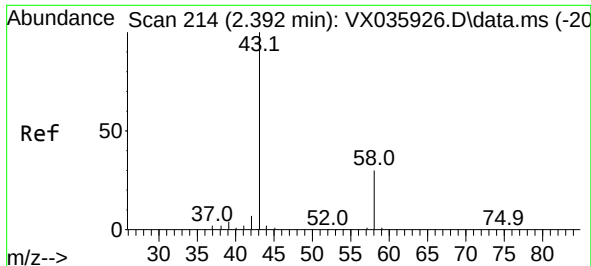
Tgt Ion:168 Resp: 213918
Ion Ratio Lower Upper
168 100
99 69.5 57.0 85.6



#11
Tert butyl alcohol
Concen: 0.289 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.073 min
Lab File: VX036136.D
Acq: 13 Jun 2023 12:08

Tgt Ion: 59 Resp: 178
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 0.709 ug/l

RT: 2.404 min Scan# 214

Delta R.T. 0.013 min

Lab File: VX036136.D

Acq: 13 Jun 2023 12:08

Instrument :

MSVOA_X

ClientSampleId :

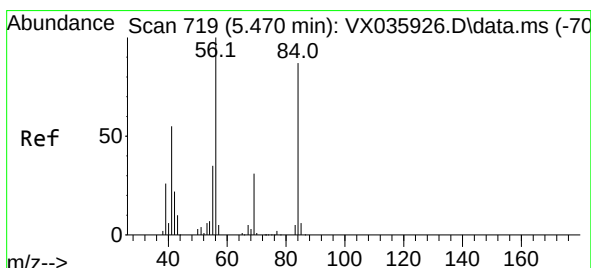
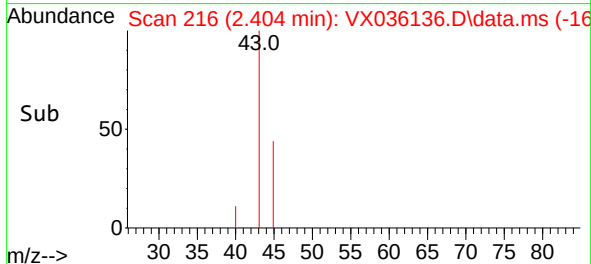
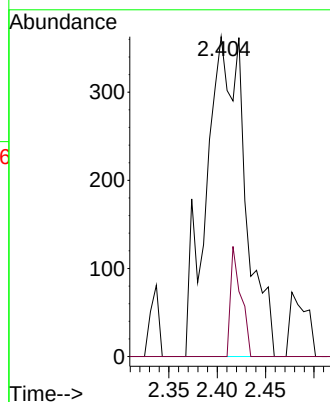
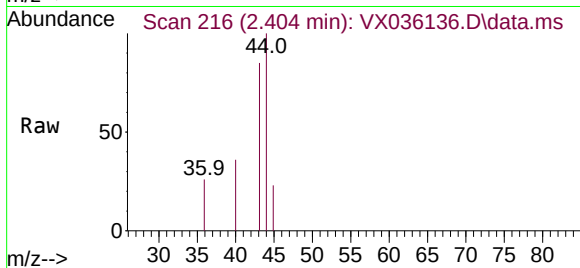
VIBLK

Tgt Ion: 43 Resp: 1016

Ion Ratio Lower Upper

43 100

58 0.0 22.2 33.2#



#31

Cyclohexane

Concen: 1.589 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX036136.D

Acq: 13 Jun 2023 12:08

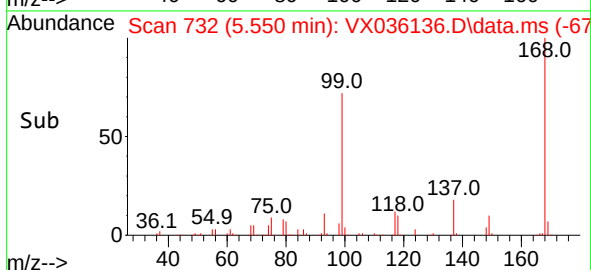
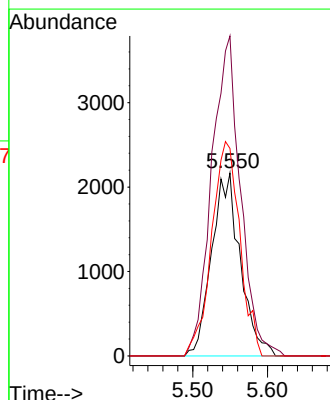
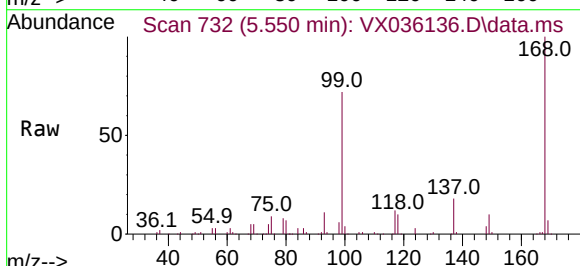
Tgt Ion: 56 Resp: 5779

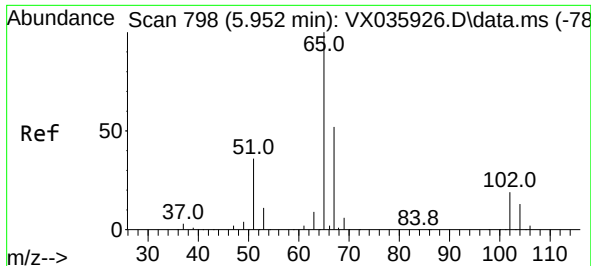
Ion Ratio Lower Upper

56 100

69 175.1 25.9 38.9#

84 113.5 67.6 101.4#





#33

1,2-Dichloroethane-d4

Concen: 47.333 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX036136.D

Acq: 13 Jun 2023 12:08

Instrument :

MSVOA_X

ClientSampleId :

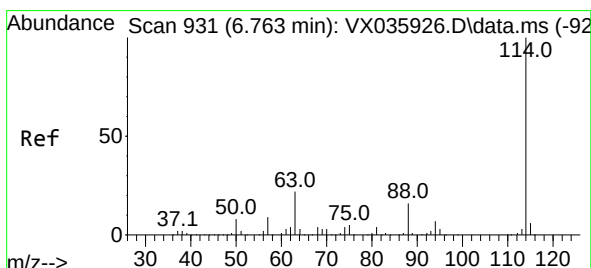
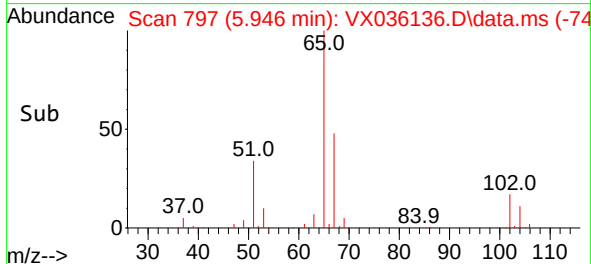
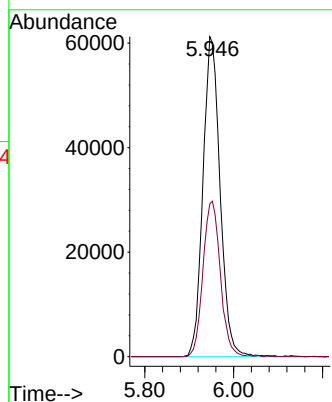
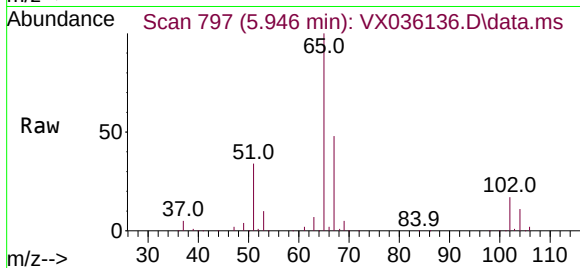
VIBLK

Tgt Ion: 65 Resp: 164423

Ion Ratio Lower Upper

65 100

67 49.2 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX036136.D

Acq: 13 Jun 2023 12:08

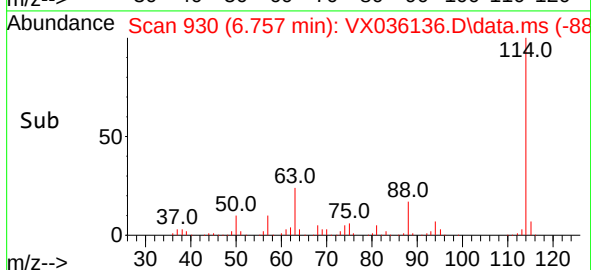
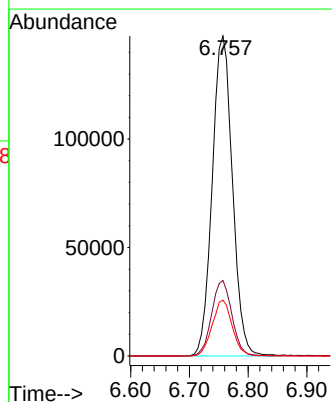
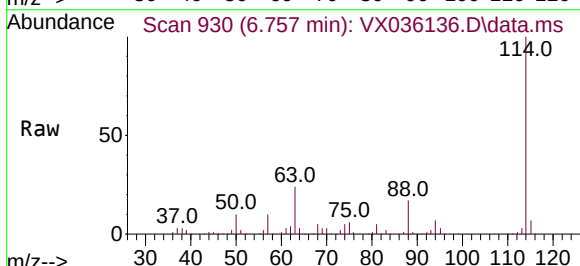
Tgt Ion: 114 Resp: 352423

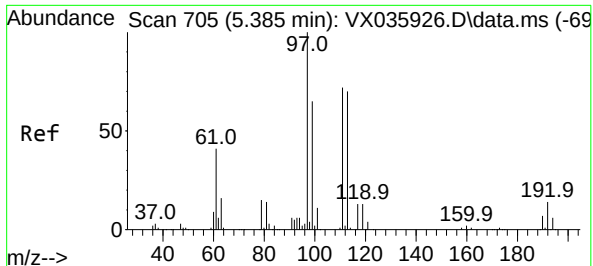
Ion Ratio Lower Upper

114 100

63 23.6 0.0 46.0

88 17.5 0.0 35.2





#35

Dibromofluoromethane

Concen: 46.531 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX036136.D

Acq: 13 Jun 2023 12:08

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

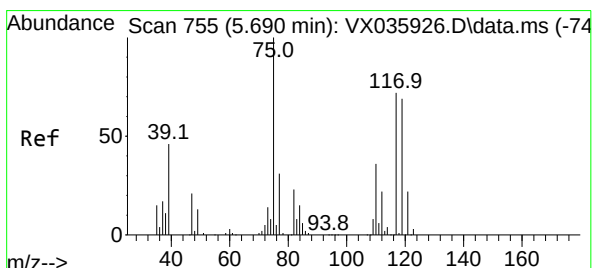
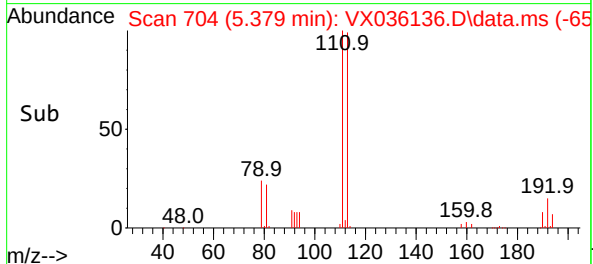
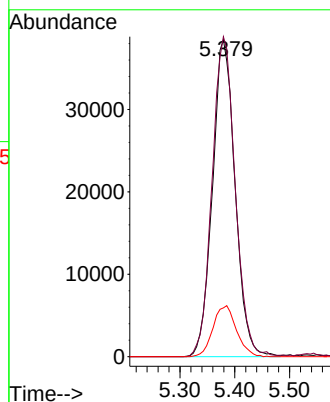
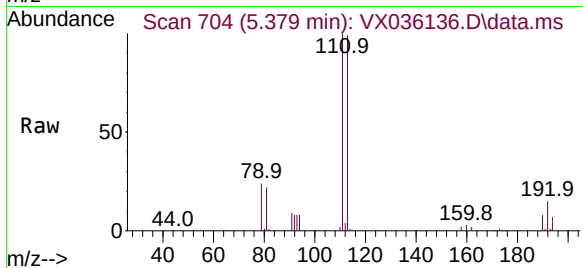
Tgt Ion:113 Resp: 110297

Ion Ratio Lower Upper

113 100

111 103.0 81.7 122.5

192 16.7 13.5 20.3



#36

1,1-Dichloropropene

Concen: 6.612 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX036136.D

Acq: 13 Jun 2023 12:08

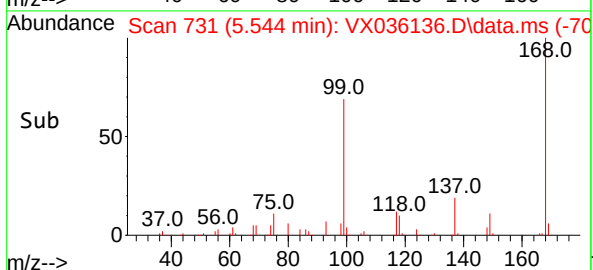
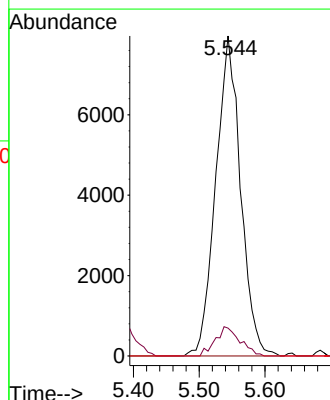
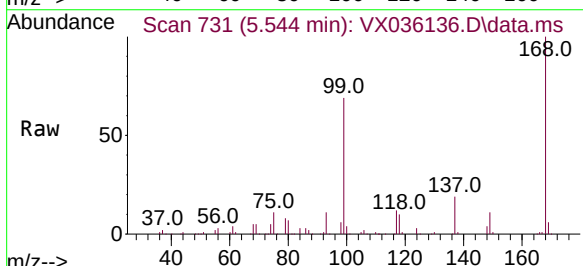
Tgt Ion: 75 Resp: 20898

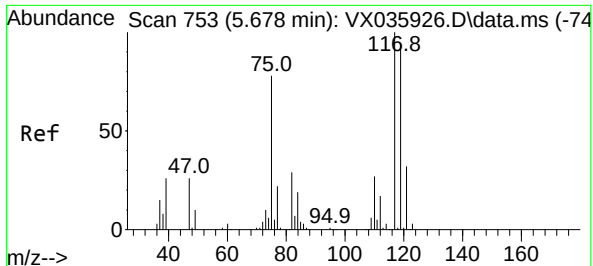
Ion Ratio Lower Upper

75 100

110 9.1 16.6 49.7#

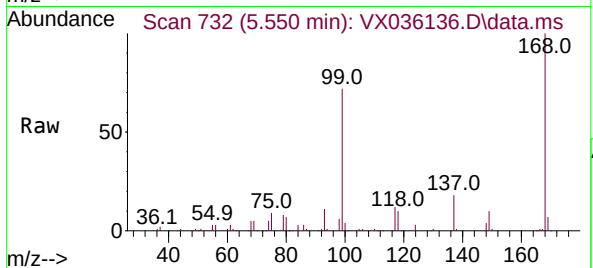
77 0.0 24.4 36.6#



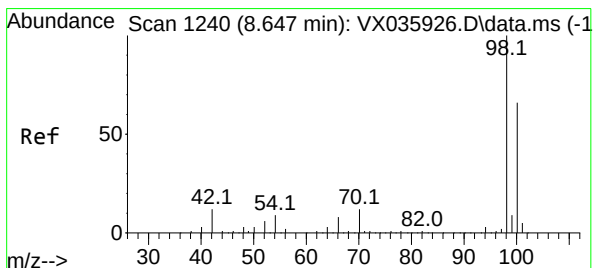
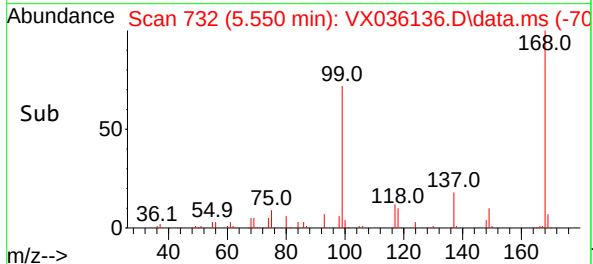
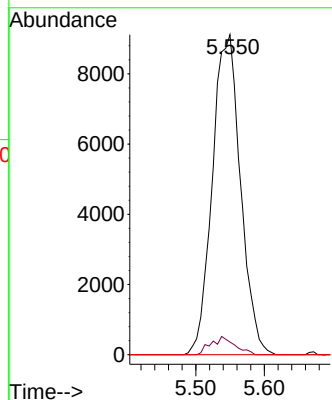


#38
Carbon Tetrachloride
Concen: 8.434 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX036136.D
Acq: 13 Jun 2023 12:08

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

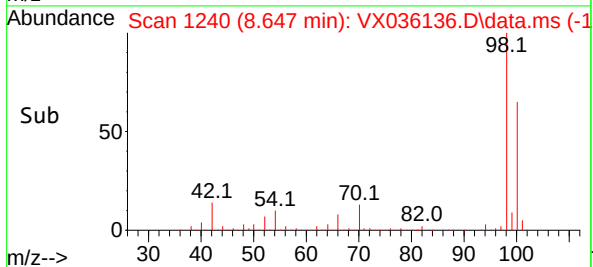
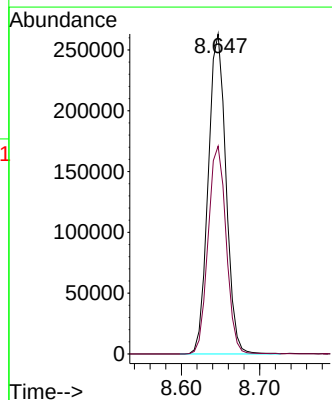
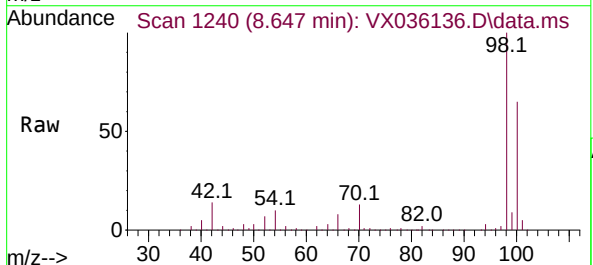


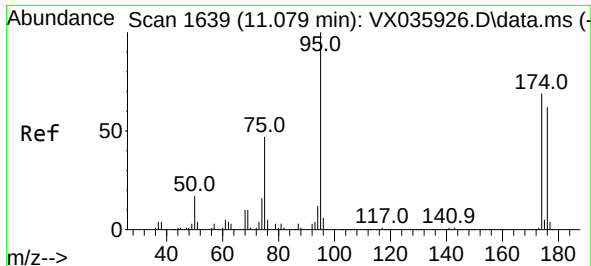
Tgt Ion:117 Resp: 25975
Ion Ratio Lower Upper
117 100
119 4.0 74.1 111.1#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 48.705 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036136.D
Acq: 13 Jun 2023 12:08

Tgt Ion: 98 Resp: 414342
Ion Ratio Lower Upper
98 100
100 65.9 53.4 80.0

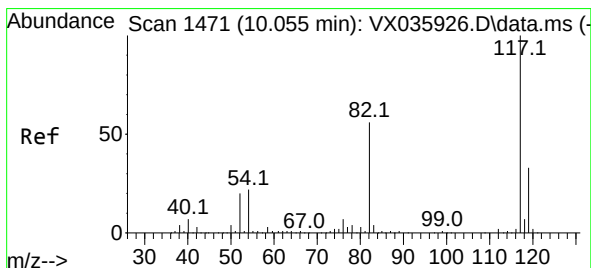
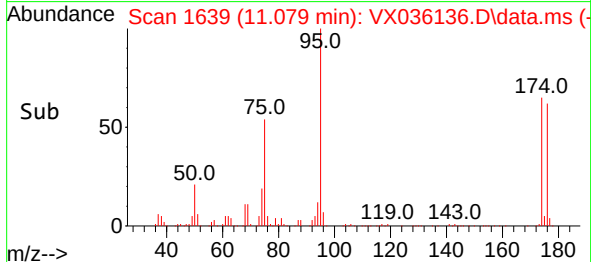
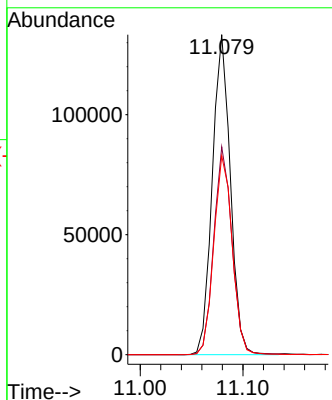
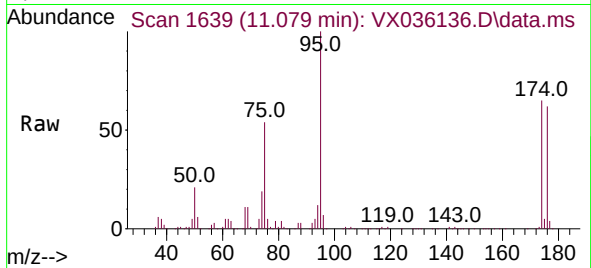




#62
4-Bromofluorobenzene
Concen: 48.284 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036136.D
Acq: 13 Jun 2023 12:08

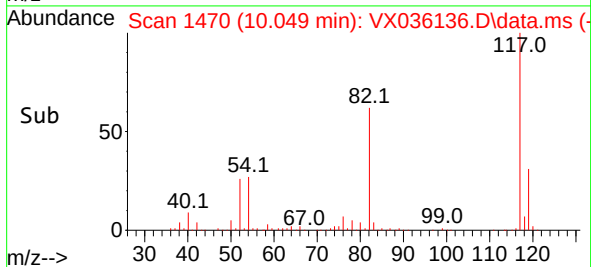
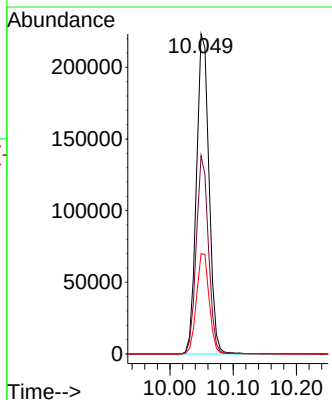
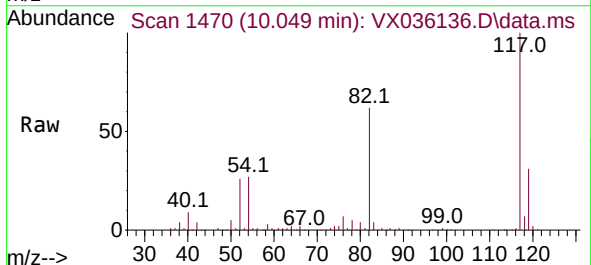
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ClientSampleId :
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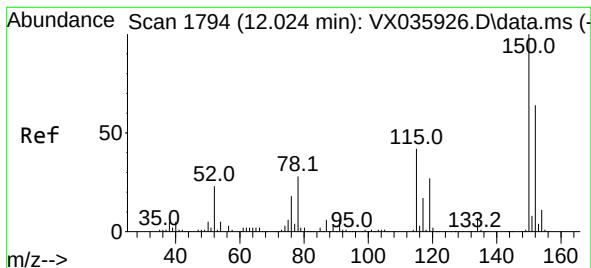
Tgt Ion: 95 Resp: 162149
Ion Ratio Lower Upper
95 100
174 65.5 0.0 132.6
176 63.8 0.0 128.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX036136.D
Acq: 13 Jun 2023 12:08

Tgt Ion: 117 Resp: 309797
Ion Ratio Lower Upper
117 100
82 62.0 46.6 69.8
119 31.4 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036136.D

Acq: 13 Jun 2023 12:08

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

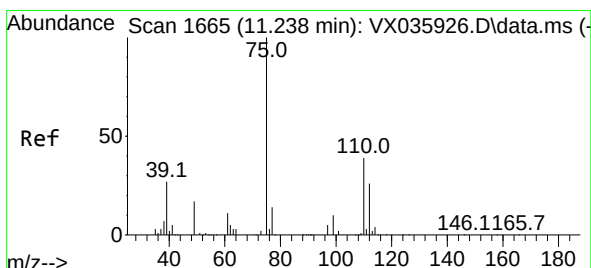
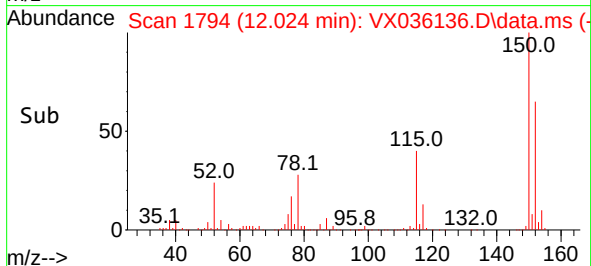
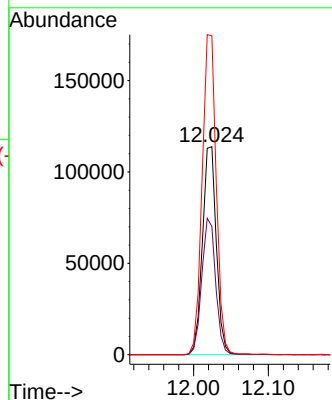
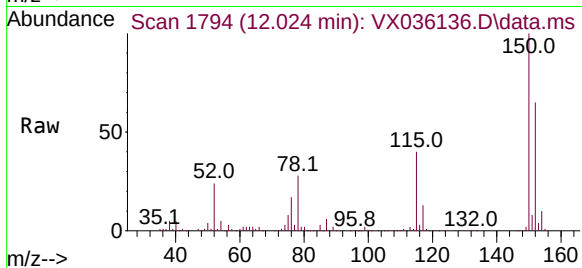
Tgt Ion:152 Resp: 147314

Ion Ratio Lower Upper

152 100

115 65.4 45.5 136.5

150 155.7 0.0 345.2



#76

1,2,3-Trichloropropane

Concen: 26.972 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX036136.D

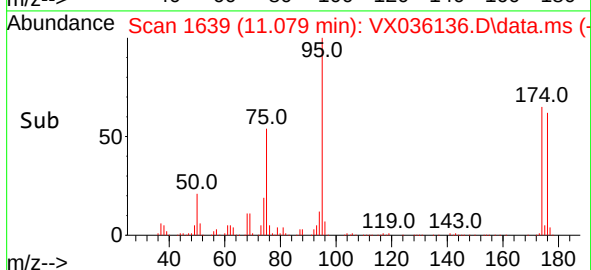
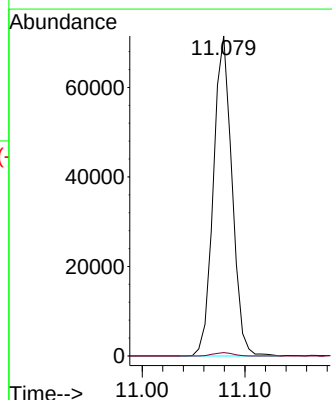
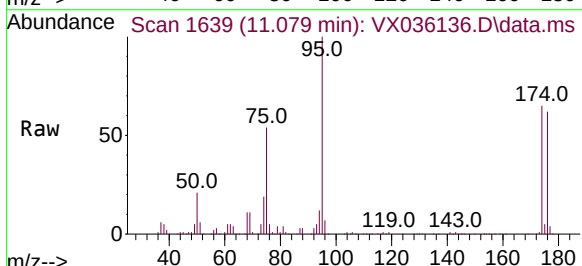
Acq: 13 Jun 2023 12:08

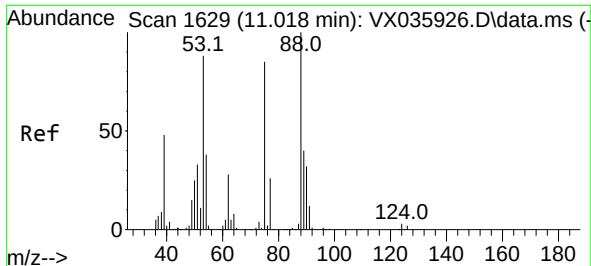
Tgt Ion: 75 Resp: 89617

Ion Ratio Lower Upper

75 100

77 1.1 21.4 64.2#

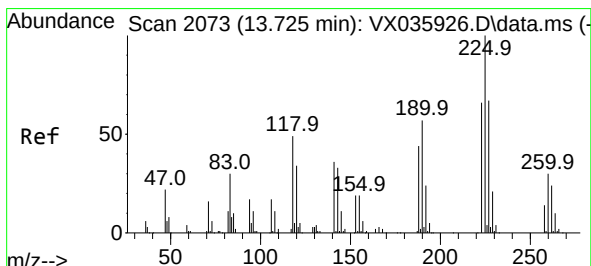
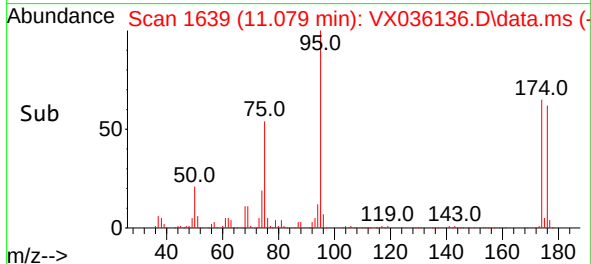
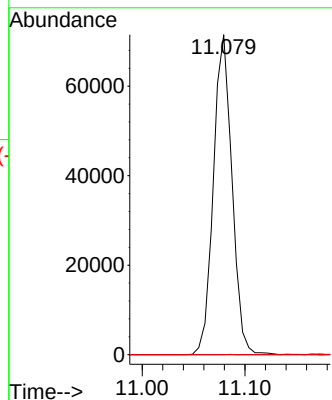
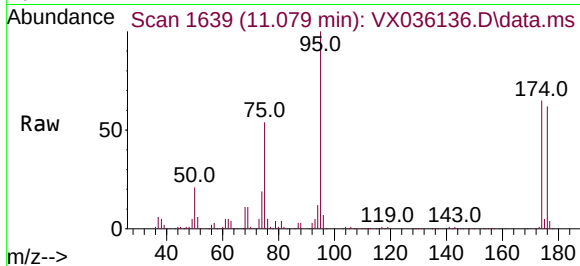




#81
trans-1,4-Dichloro-2-butene
Concen: 90.851 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX036136.D
Acq: 13 Jun 2023 12:08

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 89617
Ion Ratio Lower Upper
75 100
53 0.0 95.2 142.8#
89 0.0 38.0 57.0#



#94
Hexachlorobutadiene
Concen: 0.359 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX036136.D
Acq: 13 Jun 2023 12:08

Tgt Ion: 225 Resp: 384
Ion Ratio Lower Upper
225 100
223 44.3 32.6 97.7
227 64.8 31.9 95.7

