

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061323\
 Data File : VX036137.D
 Acq On : 13 Jun 2023 12:31
 Operator : JC/MD
 Sample : 03178-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jun 14 00:53:14 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)

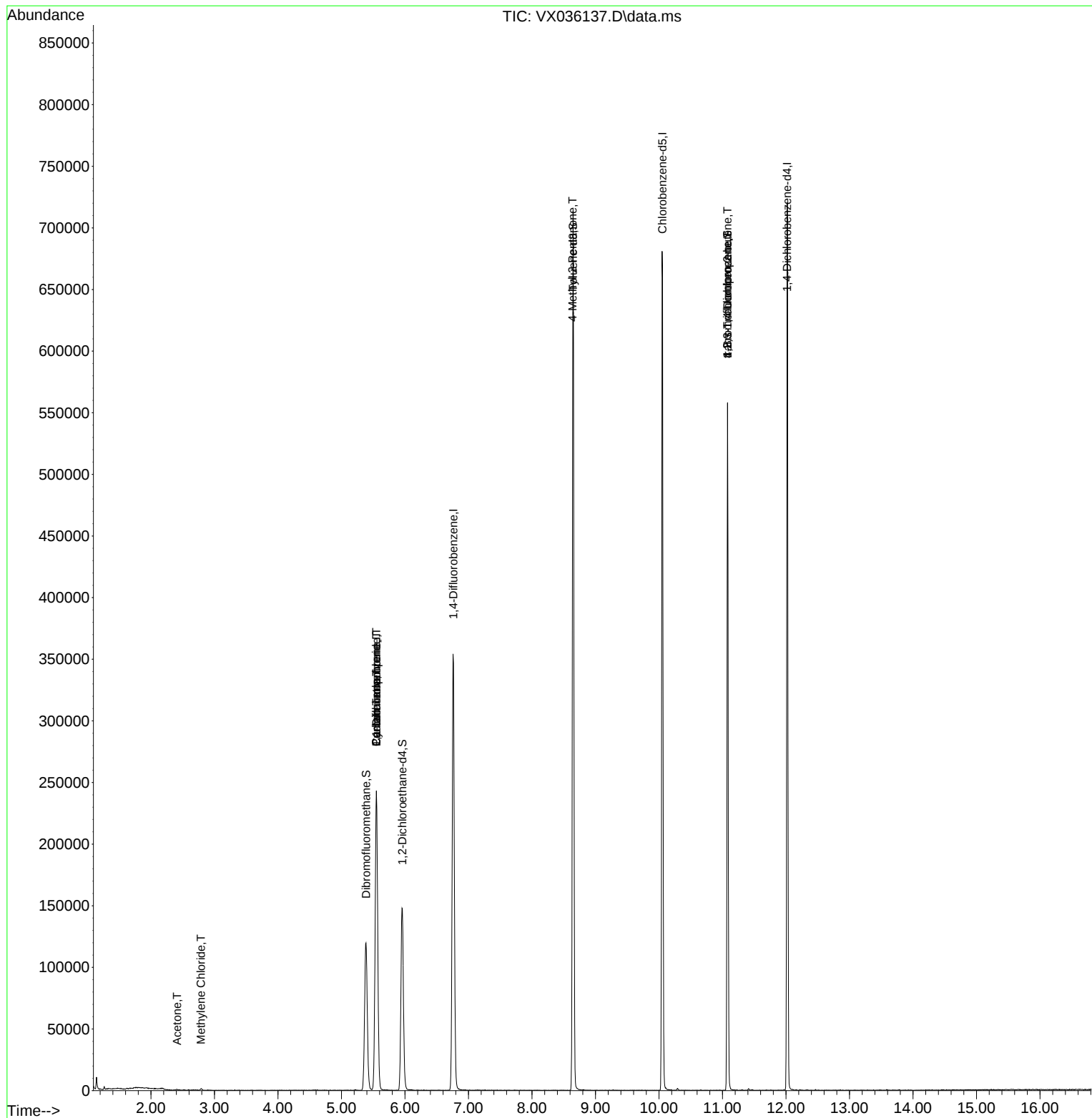
Internal Standards						
1) Pentafluorobenzene	5.550	168	202924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	333723	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	291277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	131929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	155132	47.078	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.160%
35) Dibromofluoromethane	5.385	113	105034	46.794	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.580%
50) Toluene-d8	8.647	98	395406	49.084	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.160%
62) 4-Bromofluorobenzene	11.079	95	150284	47.258	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.520%
Target Compounds						
					Qvalue	
16) Acetone	2.410	43	1107	0.814	ug/l #	47
20) Methylene Chloride	2.788	84	590	0.225	ug/l #	73
31) Cyclohexane	5.550	56	5849	1.695	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	19163	6.403	ug/l #	52
38) Carbon Tetrachloride	5.550	117	24392	8.363	ug/l #	17
51) 4-Methyl-2-Pentanone	8.641	43	2233	0.668	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	80835	27.166	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	80835	91.504	ug/l #	3

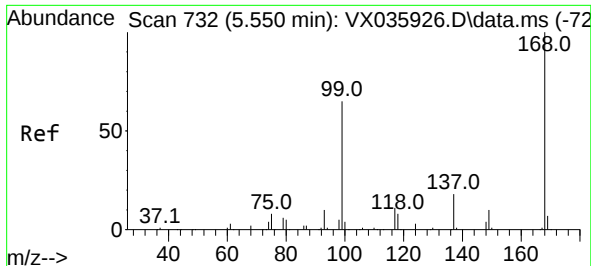
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :
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Quant Time: Jun 14 00:53:14 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

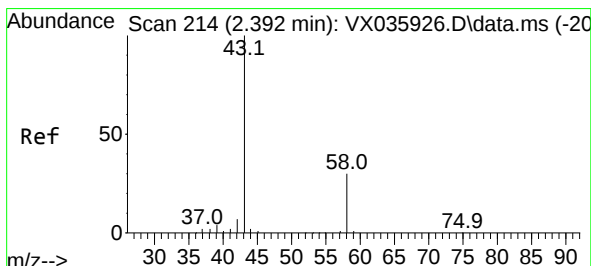
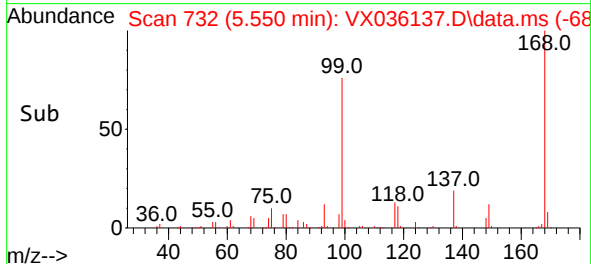
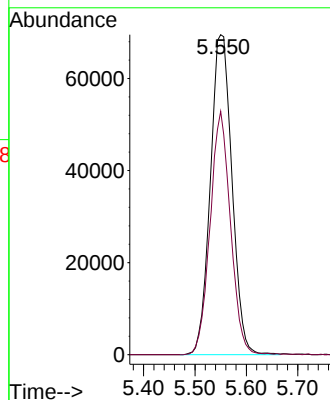
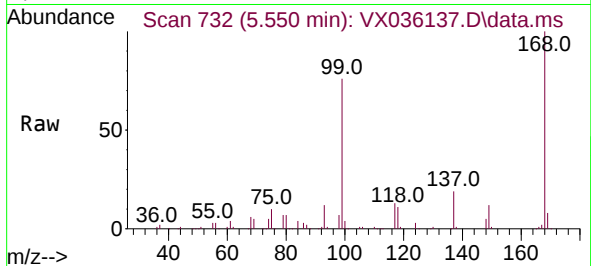




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036137.D
Acq: 13 Jun 2023 12:31

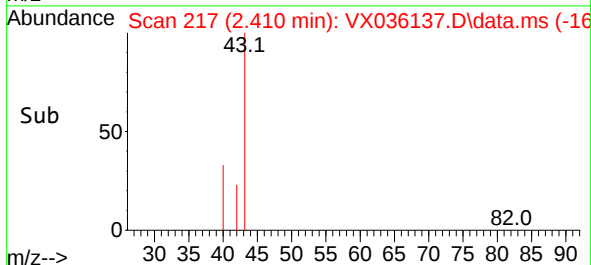
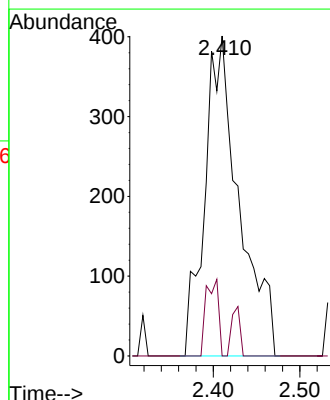
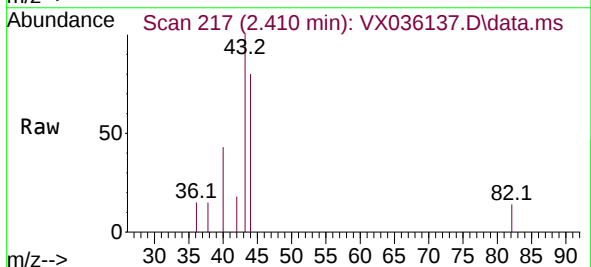
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

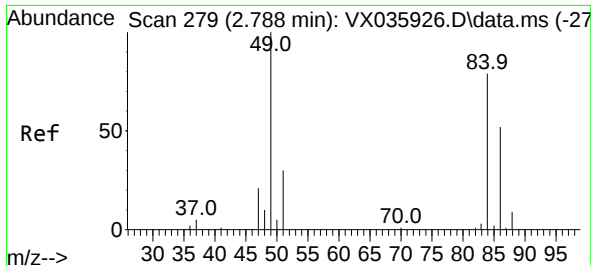
Tgt Ion:168 Resp: 202924
Ion Ratio Lower Upper
168 100
99 76.0 57.0 85.6



#16
Acetone
Concen: 0.814 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.019 min
Lab File: VX036137.D
Acq: 13 Jun 2023 12:31

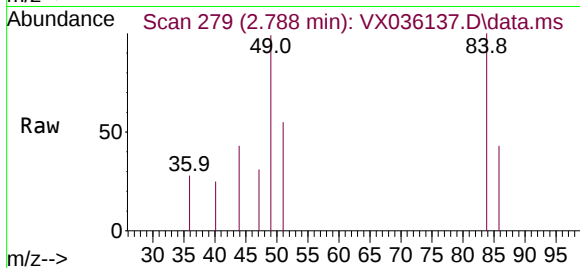
Tgt Ion: 43 Resp: 1107
Ion Ratio Lower Upper
43 100
58 0.0 22.2 33.2#



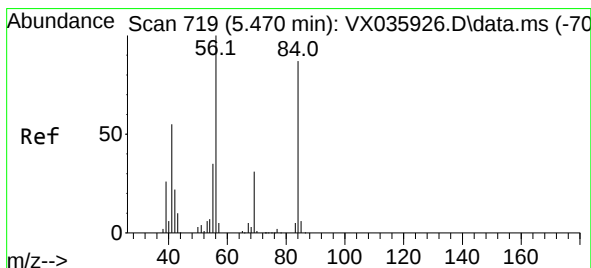
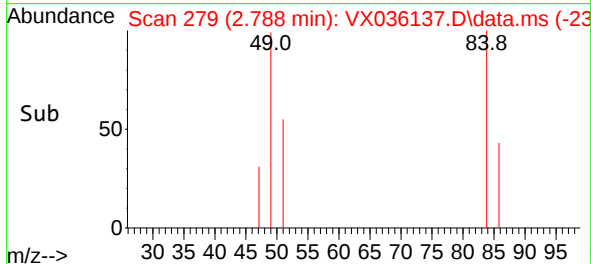
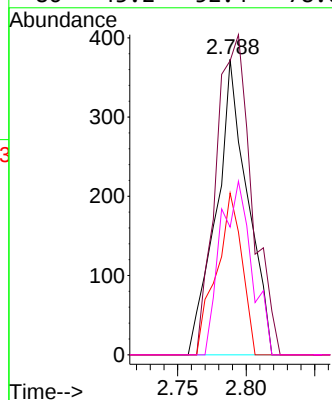


#20
Methylene Chloride
Concen: 0.225 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036137.D
Acq: 13 Jun 2023 12:31

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

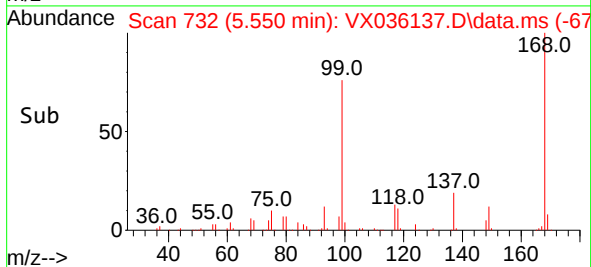
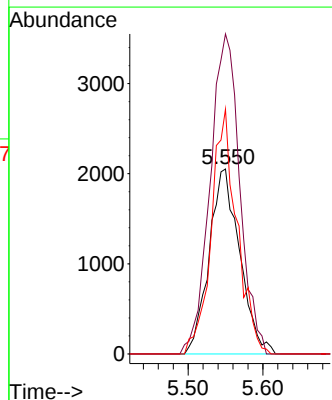
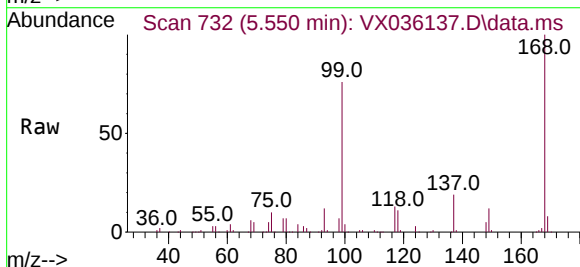


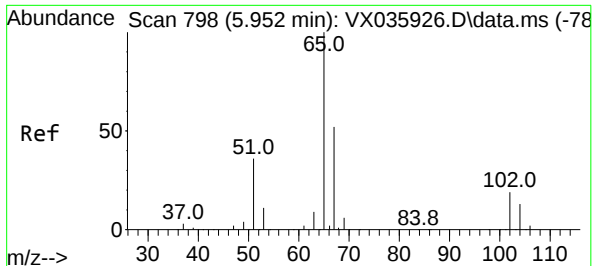
Tgt Ion:	84	Resp:	590
Ion	Ratio	Lower	Upper
84	100		
49	99.5	104.6	156.8#
51	54.7	32.2	48.4#
86	43.2	52.4	78.6#



#31
Cyclohexane
Concen: 1.695 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX036137.D
Acq: 13 Jun 2023 12:31

Tgt Ion:	56	Resp:	5849
Ion	Ratio	Lower	Upper
56	100		
69	173.1	25.9	38.9#
84	132.4	67.6	101.4#





#33

1,2-Dichloroethane-d4

Concen: 47.078 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036137.D

Acq: 13 Jun 2023 12:31

Instrument :

MSVOA_X

ClientSampleId :

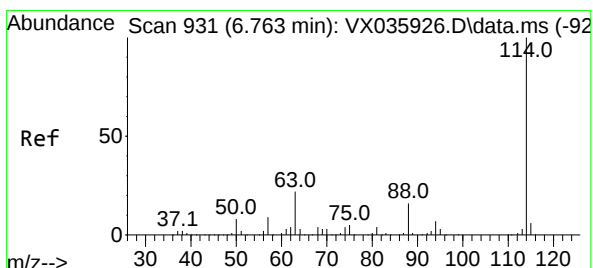
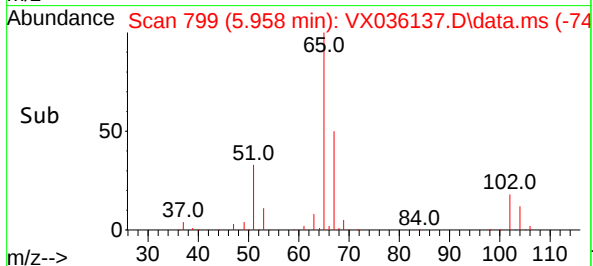
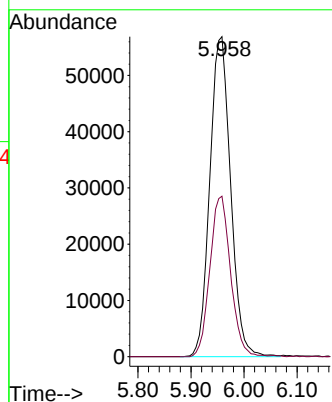
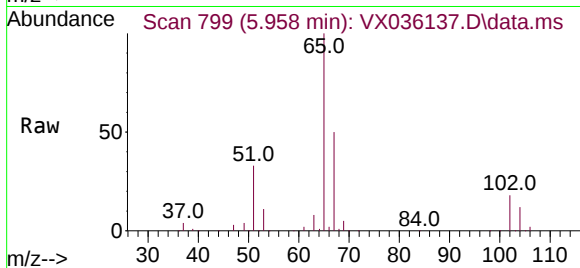
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Tgt Ion: 65 Resp: 155132

Ion Ratio Lower Upper

65 100

67 49.8 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036137.D

Acq: 13 Jun 2023 12:31

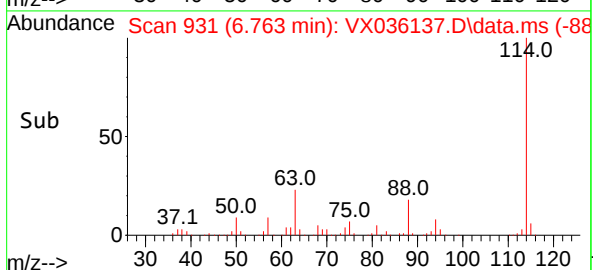
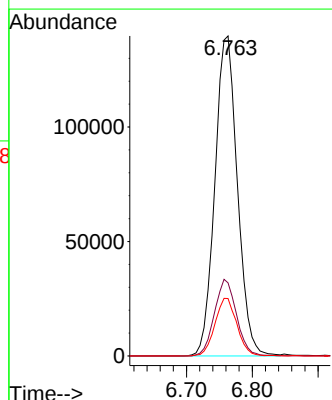
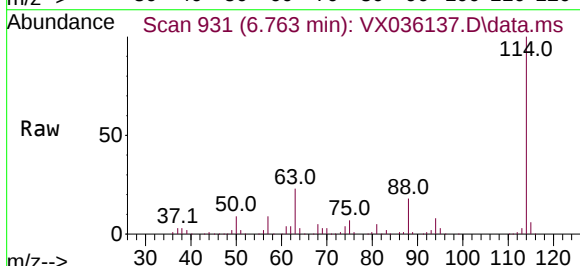
Tgt Ion: 114 Resp: 333723

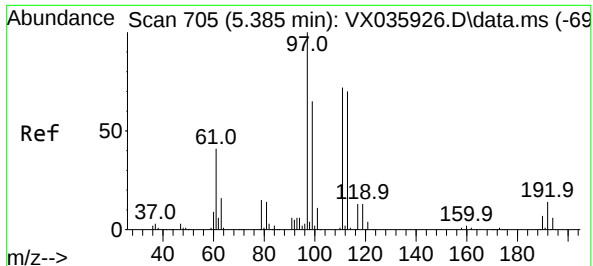
Ion Ratio Lower Upper

114 100

63 22.9 0.0 46.0

88 18.0 0.0 35.2

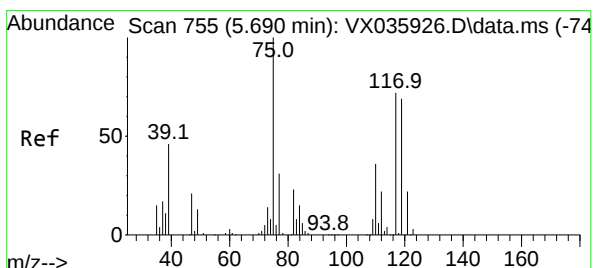
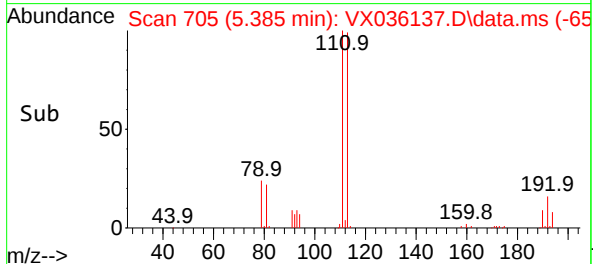
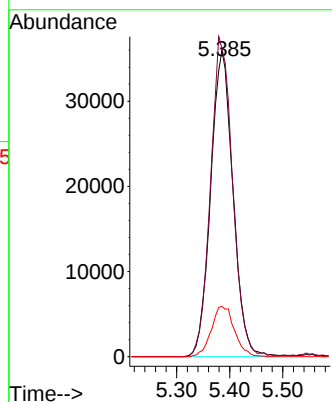
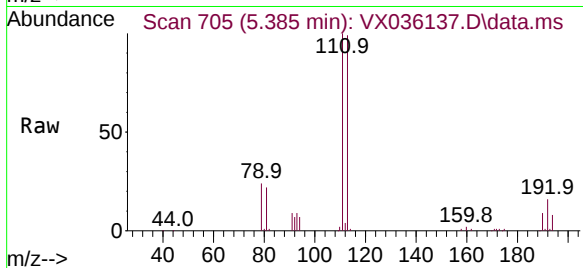




#35
Dibromofluoromethane
Concen: 46.794 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036137.D
Acq: 13 Jun 2023 12:31

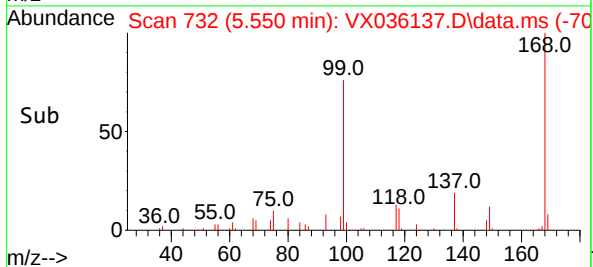
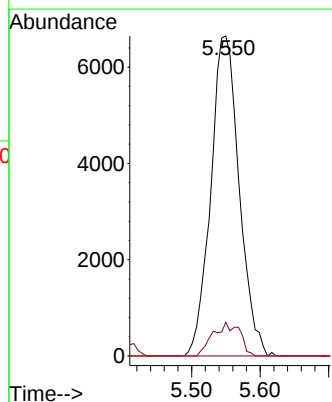
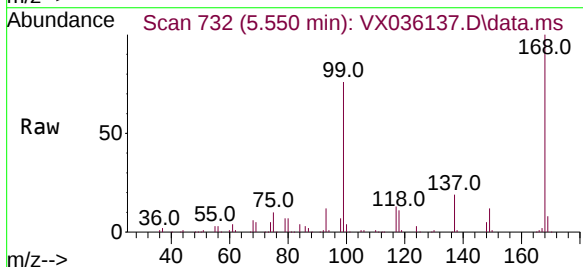
Instrument :
MSVOA_X
ClientSampleId :
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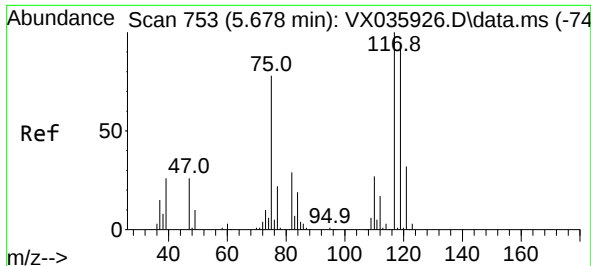
Tgt Ion:113 Resp: 105034
Ion Ratio Lower Upper
113 100
111 103.1 81.7 122.5
192 17.0 13.5 20.3



#36
1,1-Dichloropropene
Concen: 6.403 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX036137.D
Acq: 13 Jun 2023 12:31

Tgt Ion: 75 Resp: 19163
Ion Ratio Lower Upper
75 100
110 9.9 16.6 49.7#
77 0.0 24.4 36.6#

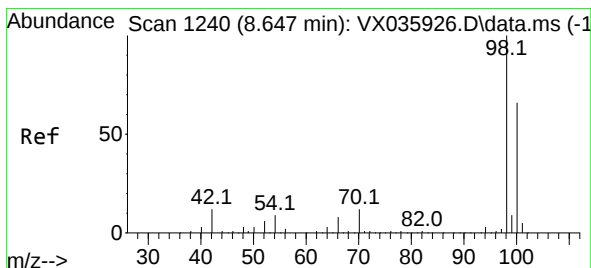
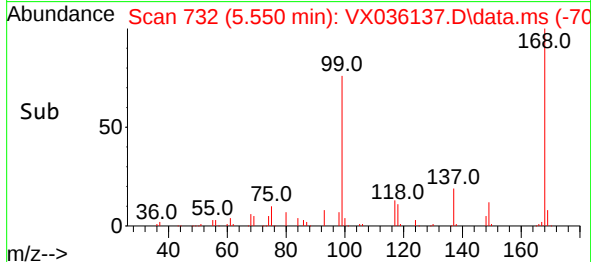
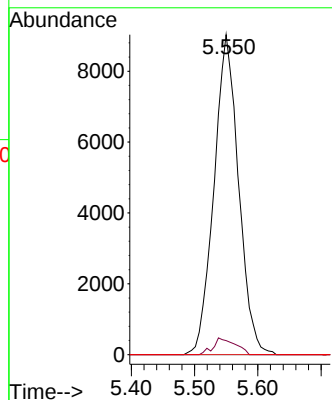
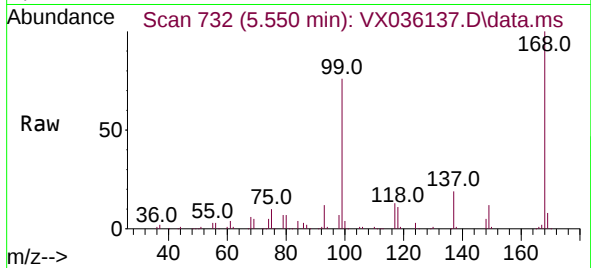




#38
Carbon Tetrachloride
Concen: 8.363 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX036137.D
Acq: 13 Jun 2023 12:31

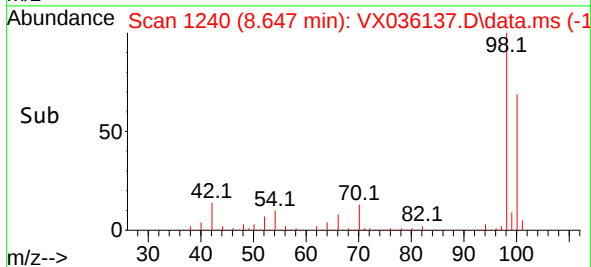
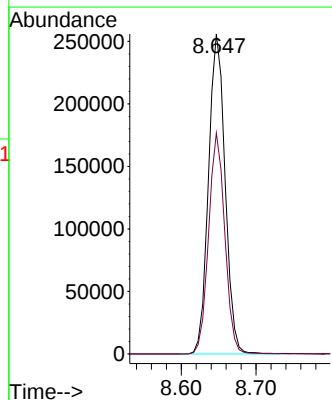
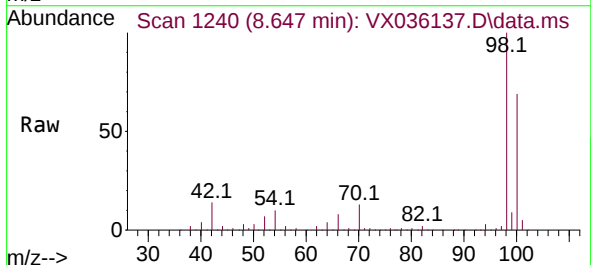
Instrument :
MSVOA_X
ClientSampleId :
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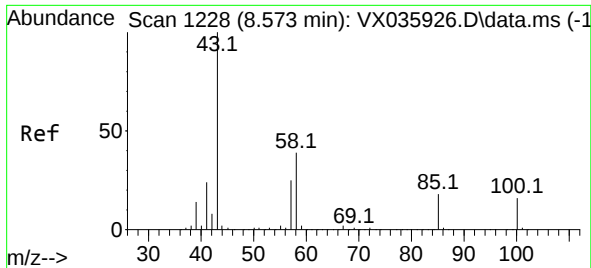
Tgt Ion:117 Resp: 24392
Ion Ratio Lower Upper
117 100
119 4.4 74.1 111.1#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 49.084 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036137.D
Acq: 13 Jun 2023 12:31

Tgt Ion: 98 Resp: 395406
Ion Ratio Lower Upper
98 100
100 67.3 53.4 80.0

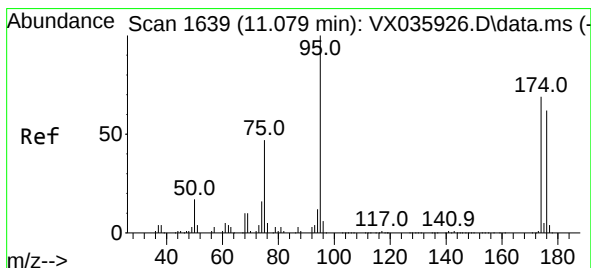
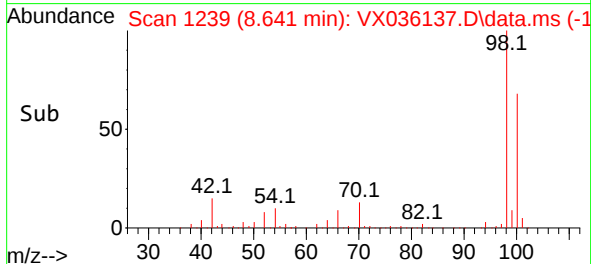
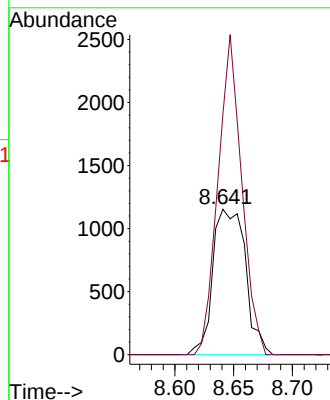
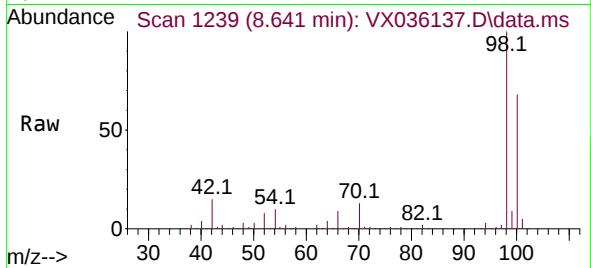




#51
4-Methyl-2-Pentanone
Concen: 0.668 ug/l
RT: 8.641 min Scan# 1228
Delta R.T. 0.068 min
Lab File: VX036137.D
Acq: 13 Jun 2023 12:31

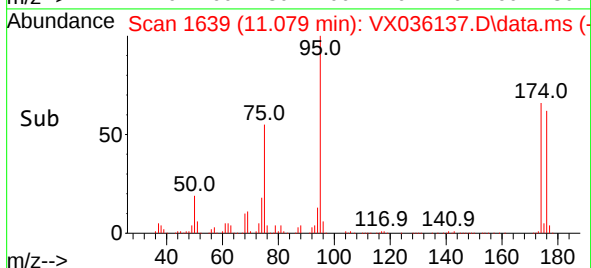
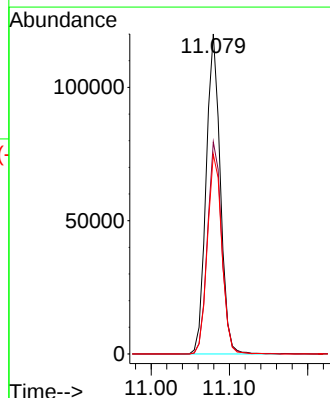
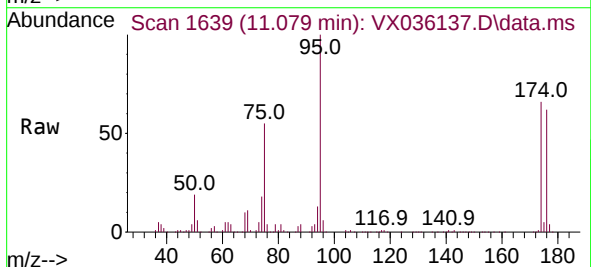
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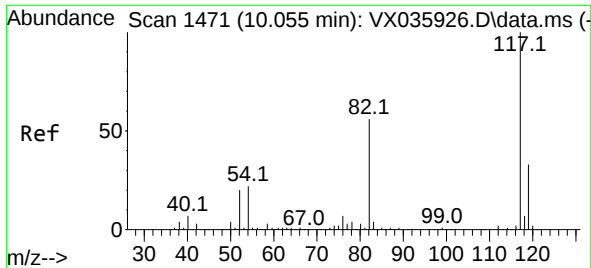
Tgt Ion: 43 Resp: 2233
Ion Ratio Lower Upper
43 100
58 160.0 30.1 45.1#



#62
4-Bromofluorobenzene
Concen: 47.258 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036137.D
Acq: 13 Jun 2023 12:31

Tgt Ion: 95 Resp: 150284
Ion Ratio Lower Upper
95 100
174 66.7 0.0 132.6
176 63.6 0.0 128.0

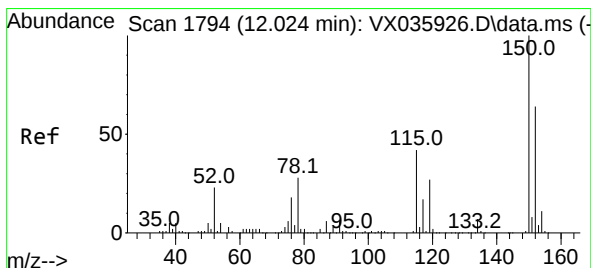
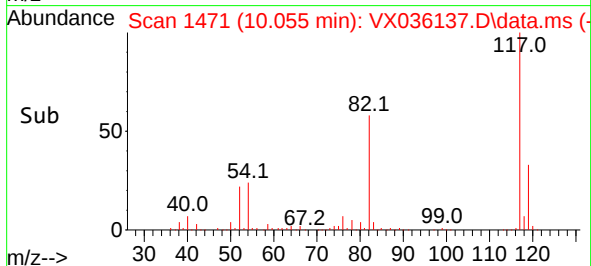
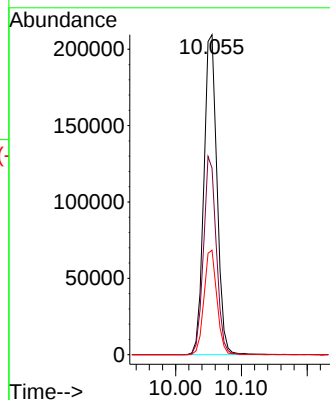
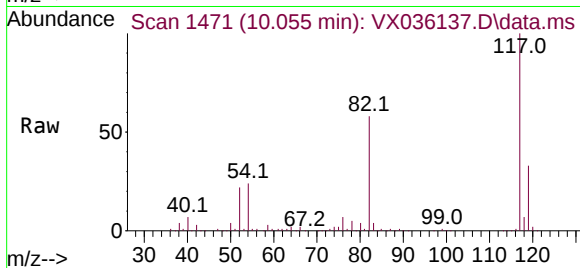




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036137.D
Acq: 13 Jun 2023 12:31

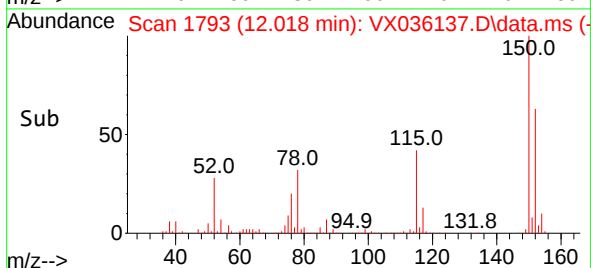
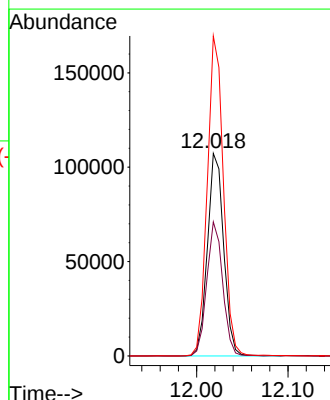
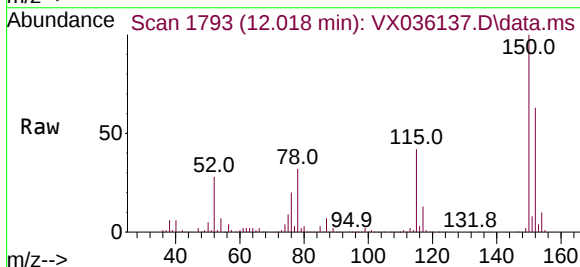
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

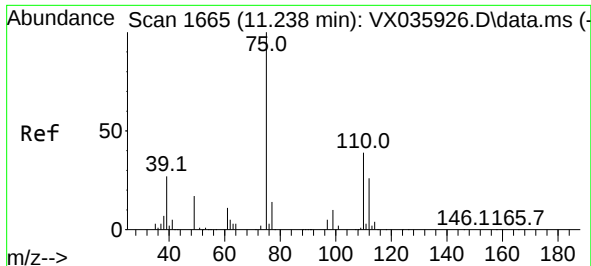
Tgt Ion:117 Resp: 291277
Ion Ratio Lower Upper
117 100
82 58.3 46.6 69.8
119 32.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX036137.D
Acq: 13 Jun 2023 12:31

Tgt Ion:152 Resp: 131929
Ion Ratio Lower Upper
152 100
115 64.9 45.5 136.5
150 156.6 0.0 345.2

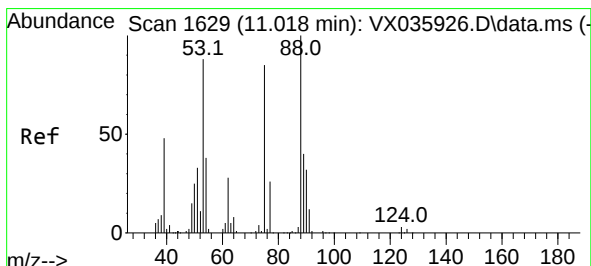
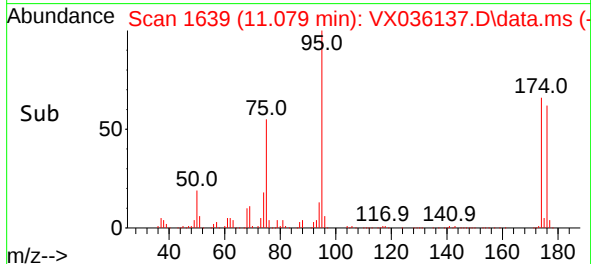
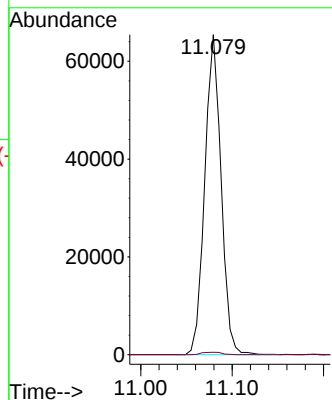
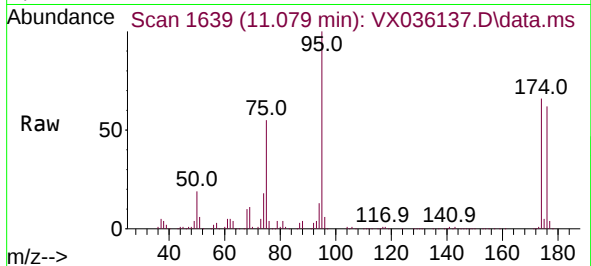




#76
1,2,3-Trichloropropane
Concen: 27.166 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036137.D
Acq: 13 Jun 2023 12:31

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 80835
Ion Ratio Lower Upper
75 100
77 1.0 21.4 64.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.504 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036137.D
Acq: 13 Jun 2023 12:31

Tgt Ion: 75 Resp: 80835
Ion Ratio Lower Upper
75 100
53 0.0 95.2 142.8#
89 0.0 38.0 57.0#

