

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060523\
 Data File : VX036013.D
 Acq On : 05 Jun 2023 19:13
 Operator : JC/MD
 Sample : 03027-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Jun 06 06:48:19 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)

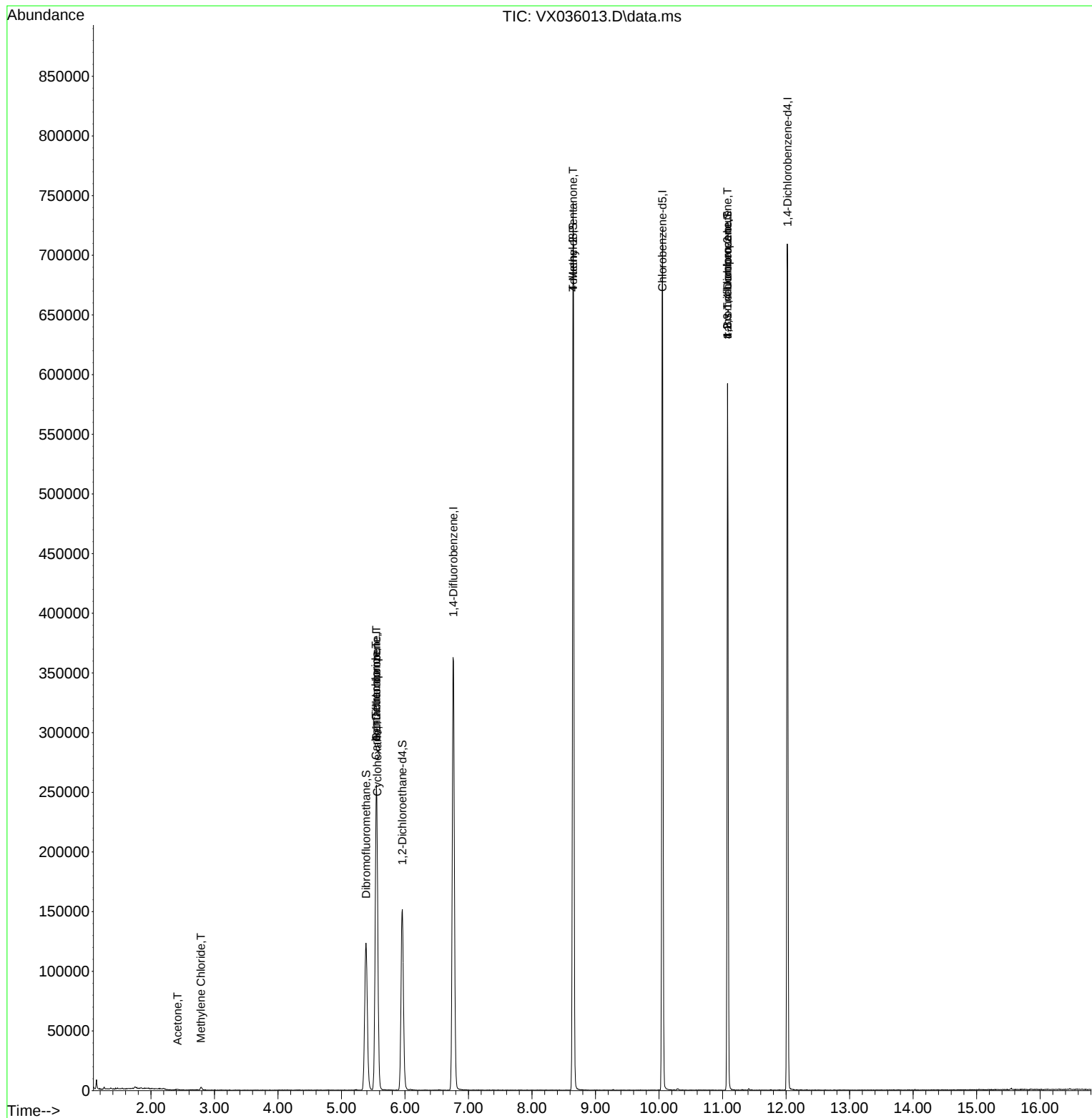
Internal Standards						
1) Pentafluorobenzene	5.550	168	224827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	358381	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	311536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153467	42.036	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.080%
35) Dibromofluoromethane	5.385	113	109583	45.462	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.920%
50) Toluene-d8	8.647	98	420216	48.575	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.140%
62) 4-Bromofluorobenzene	11.079	95	155255	45.462	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.920%
Target Compounds						
					Qvalue	
16) Acetone	2.416	43	1202	0.798	ug/l #	78
20) Methylene Chloride	2.788	84	1282	0.442	ug/l #	90
31) Cyclohexane	5.562	56	5585	1.461	ug/l #	40
36) 1,1-Dichloropropene	5.550	75	19765	6.150	ug/l #	51
38) Carbon Tetrachloride	5.544	117	25085	8.009	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1987	0.553	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	82182	26.762	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	82182	90.143	ug/l #	3

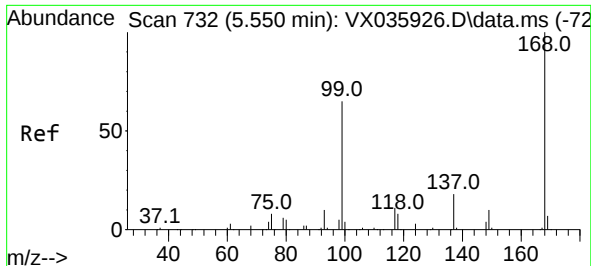
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

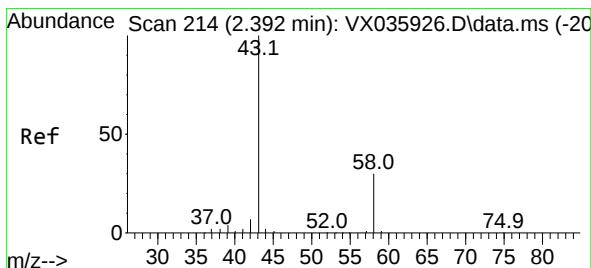
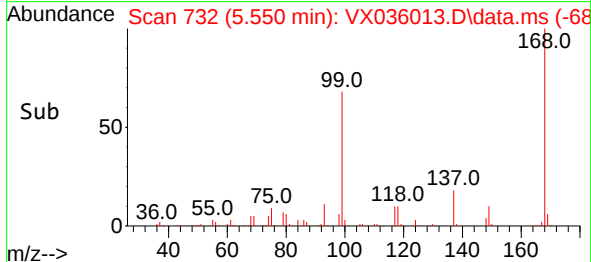
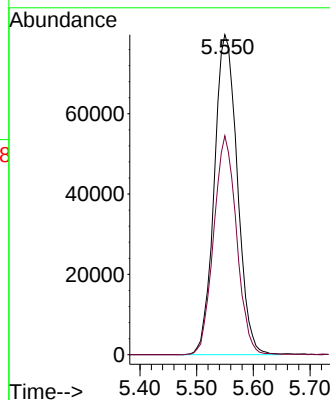
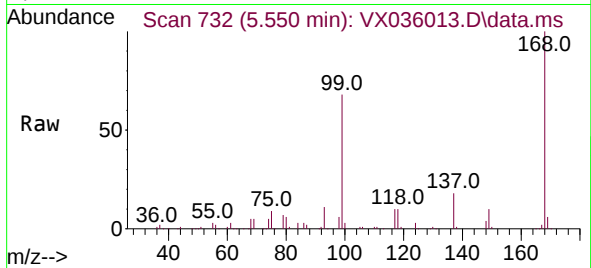




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036013.D
Acq: 05 Jun 2023 19:13

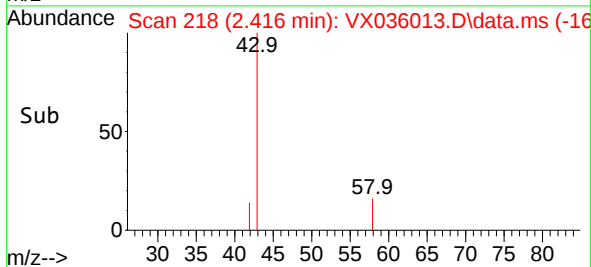
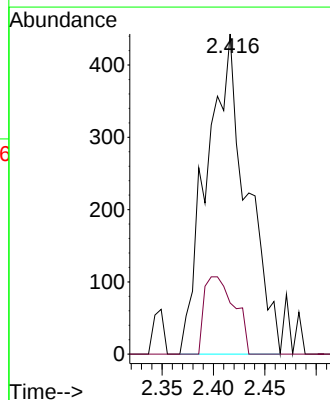
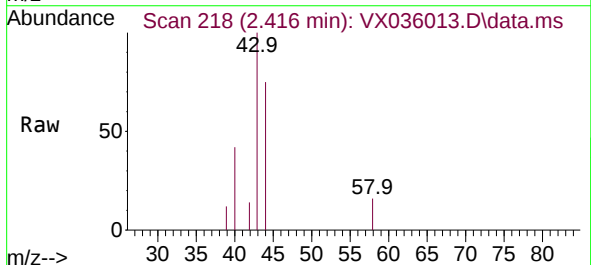
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

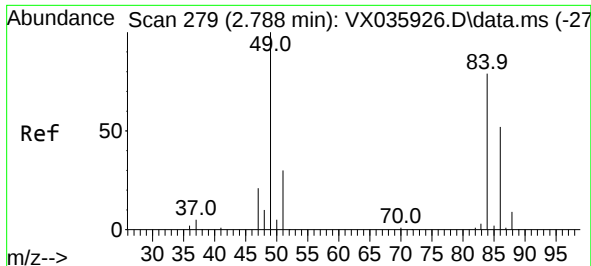
Tgt Ion:168 Resp: 224827
Ion Ratio Lower Upper
168 100
99 68.4 57.0 85.6



#16
Acetone
Concen: 0.798 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.025 min
Lab File: VX036013.D
Acq: 05 Jun 2023 19:13

Tgt Ion: 43 Resp: 1202
Ion Ratio Lower Upper
43 100
58 16.0 22.2 33.2#





#20

Methylene Chloride

Concen: 0.442 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX036013.D

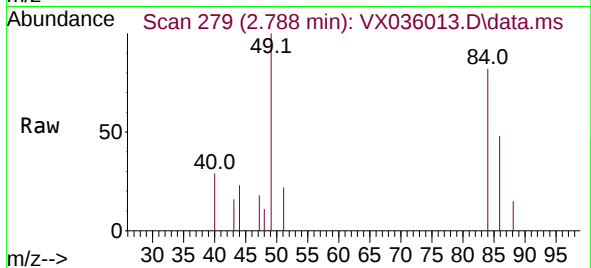
Acq: 05 Jun 2023 19:13

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5



Tgt Ion: 84 Resp: 1282

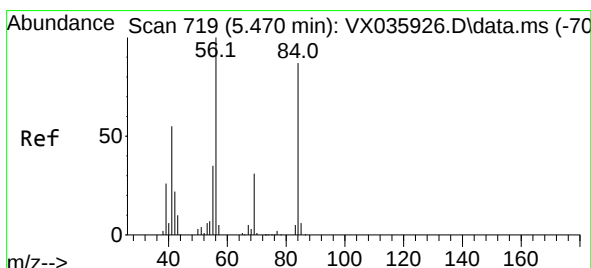
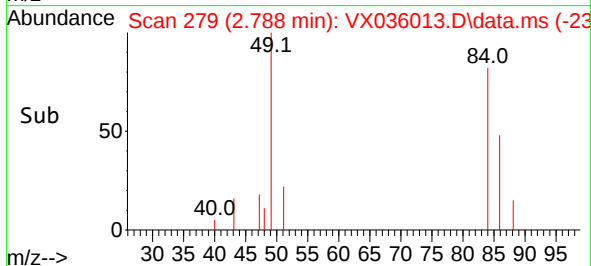
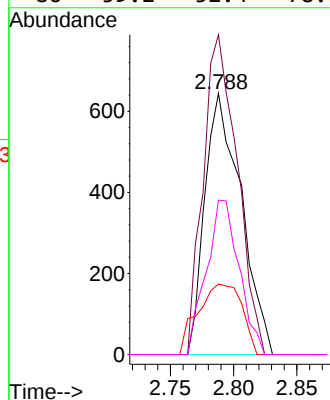
Ion Ratio Lower Upper

84 100

49 122.5 104.6 156.8

51 27.0 32.2 48.4#

86 59.2 52.4 78.6



#31

Cyclohexane

Concen: 1.461 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.092 min

Lab File: VX036013.D

Acq: 05 Jun 2023 19:13

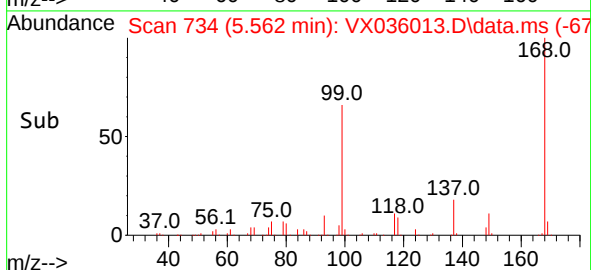
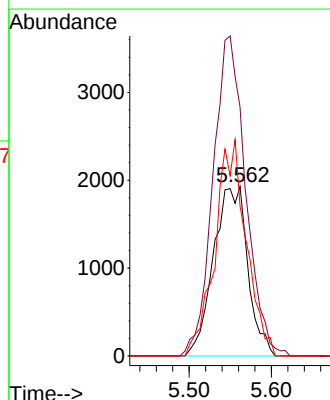
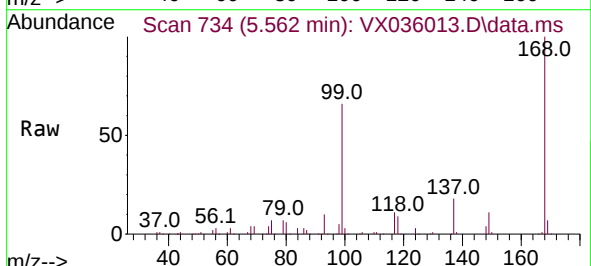
Tgt Ion: 56 Resp: 5585

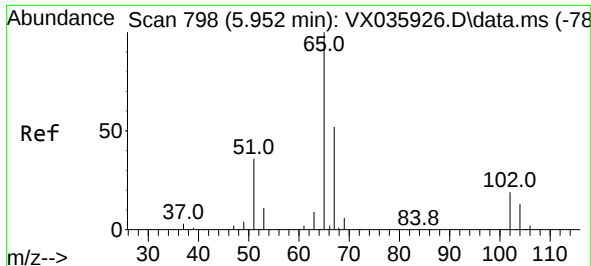
Ion Ratio Lower Upper

56 100

69 147.1 25.9 38.9#

84 88.7 67.6 101.4

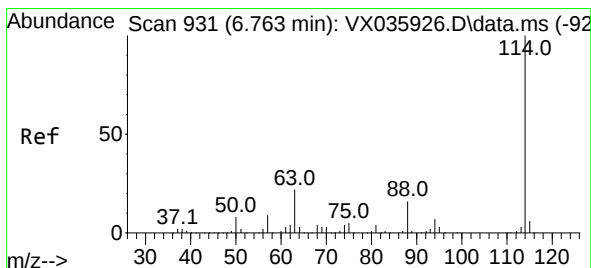
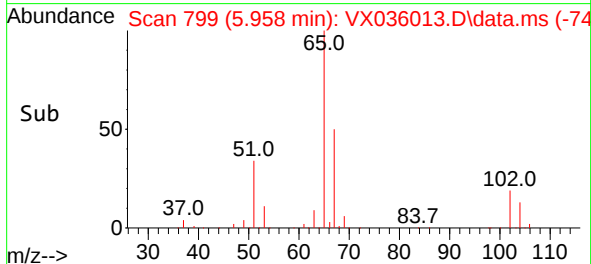
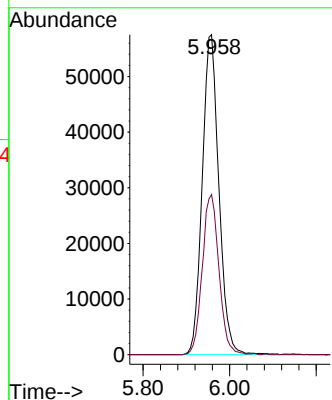
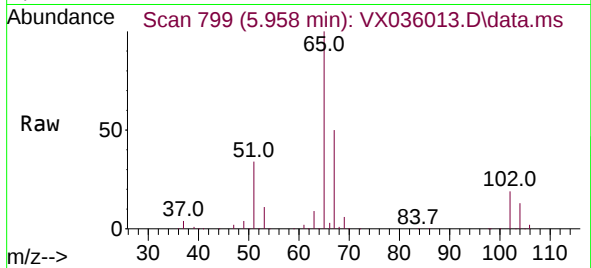




#33
 1,2-Dichloroethane-d4
 Concen: 42.036 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX036013.D
 Acq: 05 Jun 2023 19:13

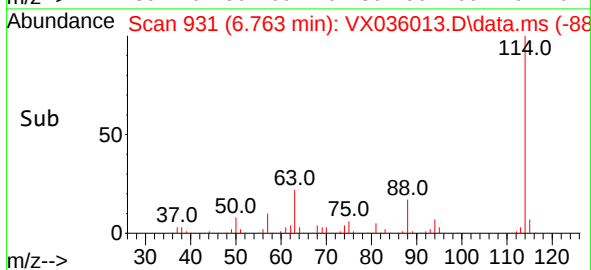
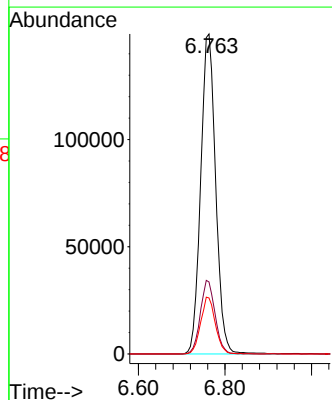
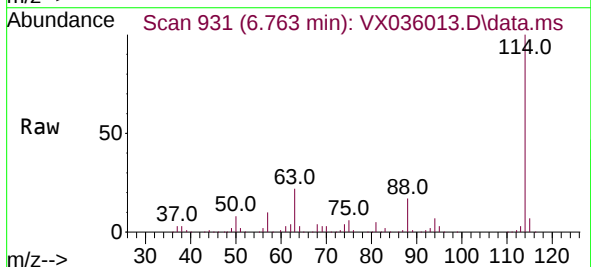
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

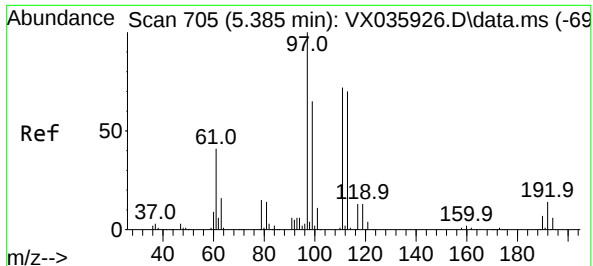
Tgt Ion: 65 Resp: 153467
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036013.D
 Acq: 05 Jun 2023 19:13

Tgt Ion: 114 Resp: 358381
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 46.0
 88 17.5 0.0 35.2

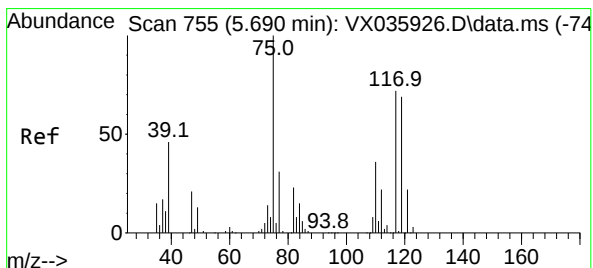
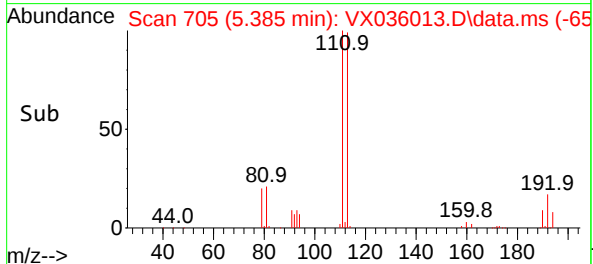
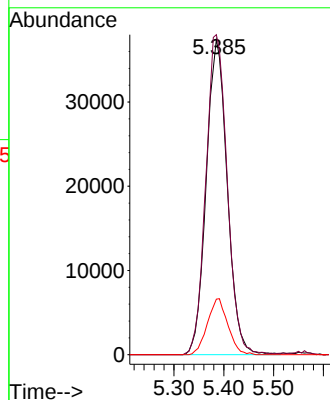
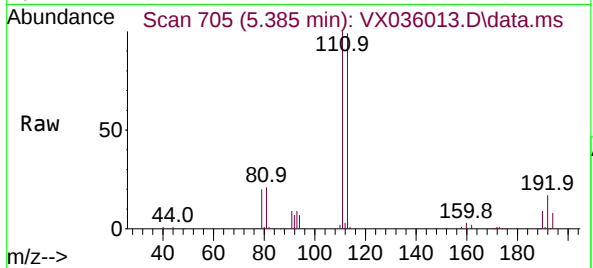




#35
Dibromofluoromethane
Concen: 45.462 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036013.D
Acq: 05 Jun 2023 19:13

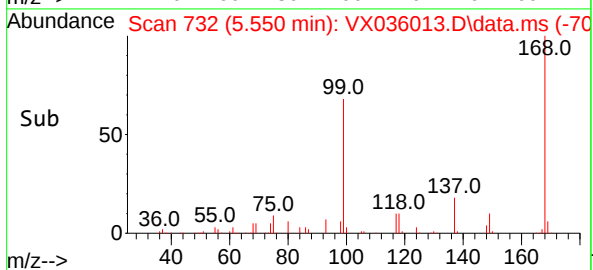
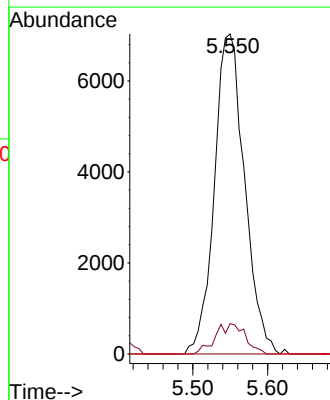
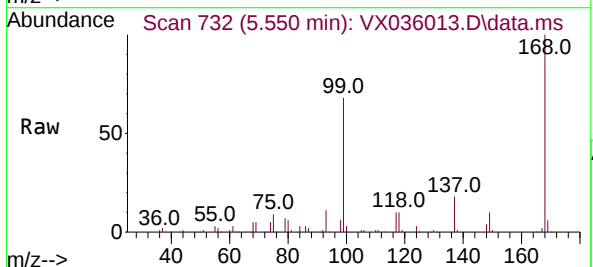
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

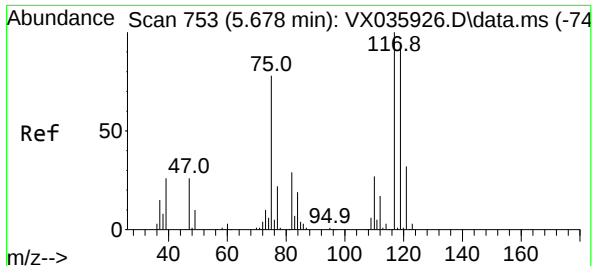
Tgt Ion:113 Resp: 109583
Ion Ratio Lower Upper
113 100
111 103.6 81.7 122.5
192 17.3 13.5 20.3



#36
1,1-Dichloropropene
Concen: 6.150 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX036013.D
Acq: 05 Jun 2023 19:13

Tgt Ion: 75 Resp: 19765
Ion Ratio Lower Upper
75 100
110 9.4 16.6 49.7#
77 0.0 24.4 36.6#

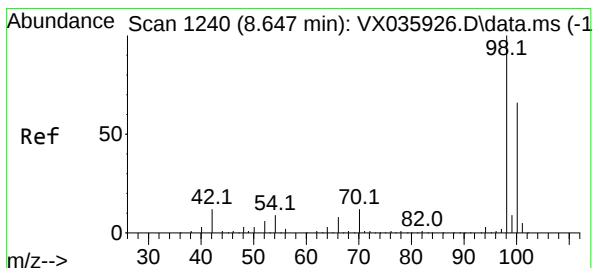
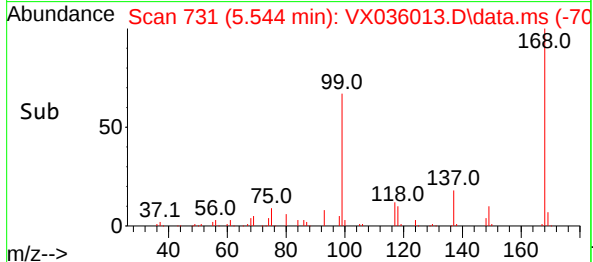
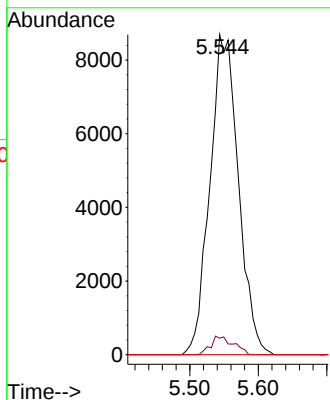
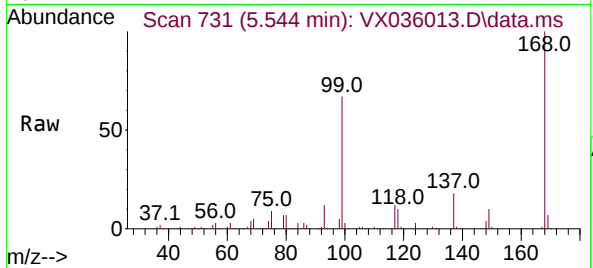




#38
Carbon Tetrachloride
Concen: 8.009 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.133 min
Lab File: VX036013.D
Acq: 05 Jun 2023 19:13

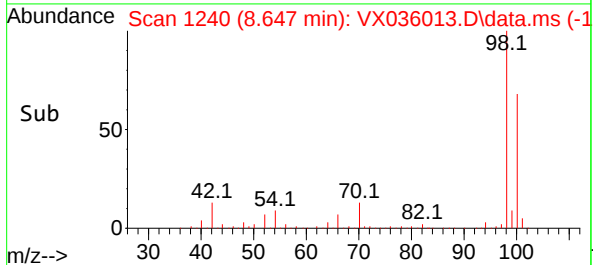
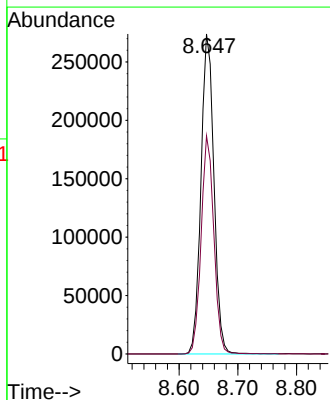
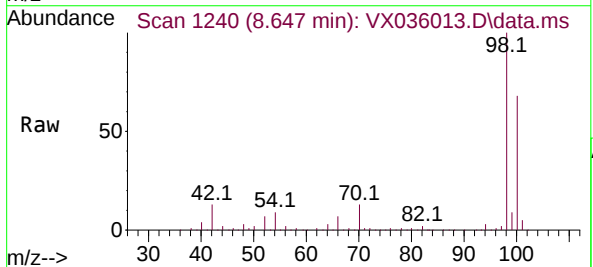
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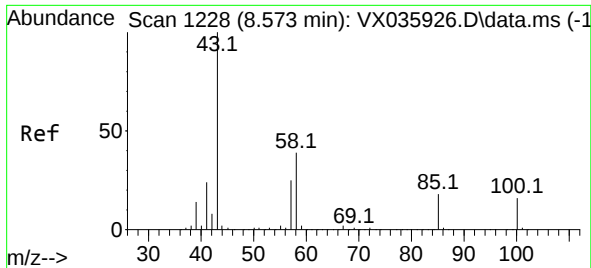
Tgt Ion:117 Resp: 25085
Ion Ratio Lower Upper
117 100
119 5.2 74.1 111.1#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 48.575 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036013.D
Acq: 05 Jun 2023 19:13

Tgt Ion: 98 Resp: 420216
Ion Ratio Lower Upper
98 100
100 66.9 53.4 80.0

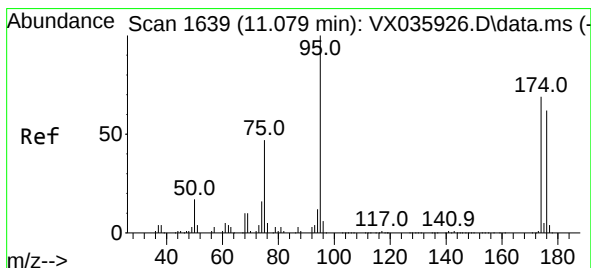
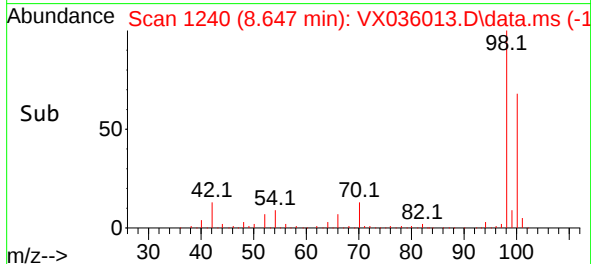
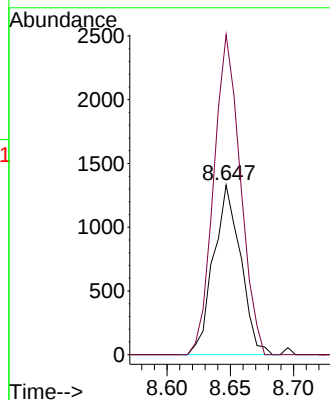
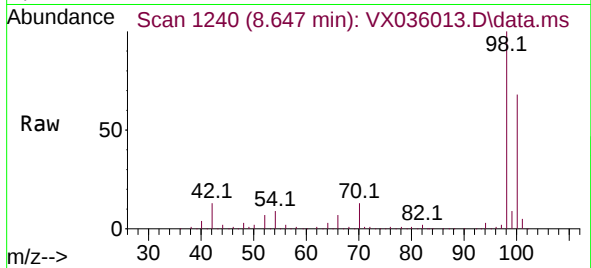




#51
4-Methyl-2-Pentanone
Concen: 0.553 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX036013.D
Acq: 05 Jun 2023 19:13

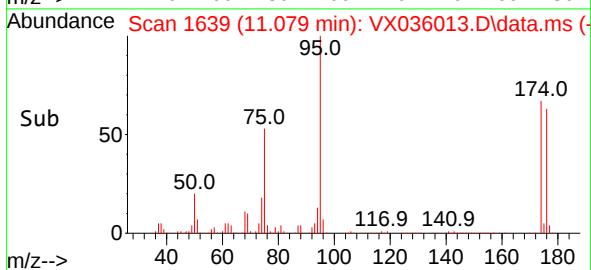
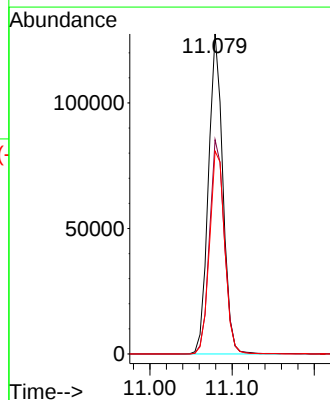
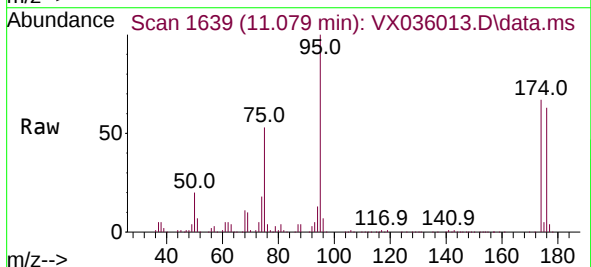
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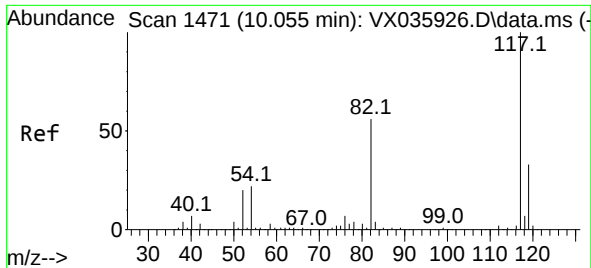
Tgt Ion: 43 Resp: 1987
Ion Ratio Lower Upper
43 100
58 185.1 30.1 45.1#



#62
4-Bromofluorobenzene
Concen: 45.462 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036013.D
Acq: 05 Jun 2023 19:13

Tgt Ion: 95 Resp: 155255
Ion Ratio Lower Upper
95 100
174 69.0 0.0 132.6
176 66.5 0.0 128.0

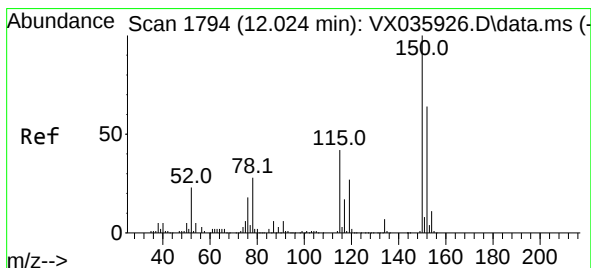
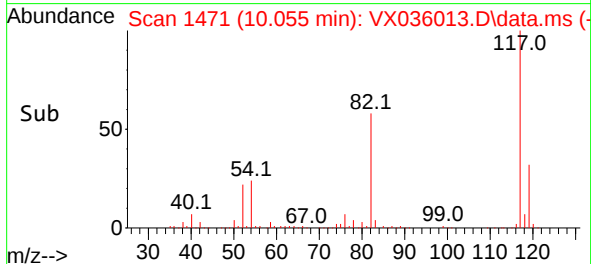
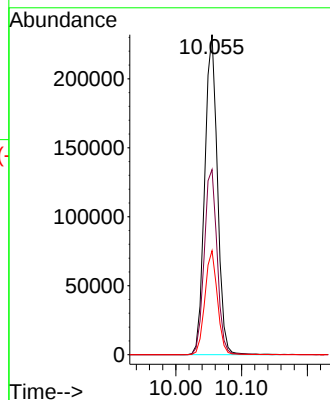
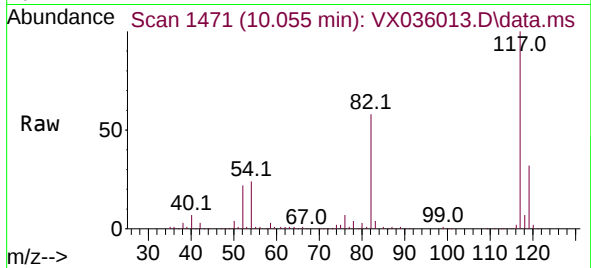




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036013.D
Acq: 05 Jun 2023 19:13

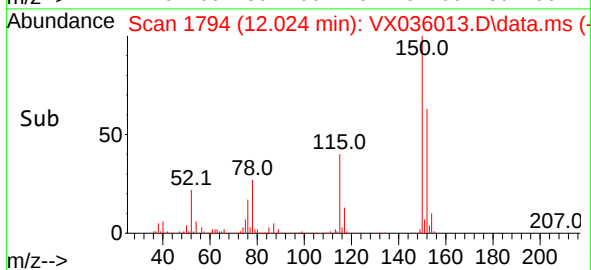
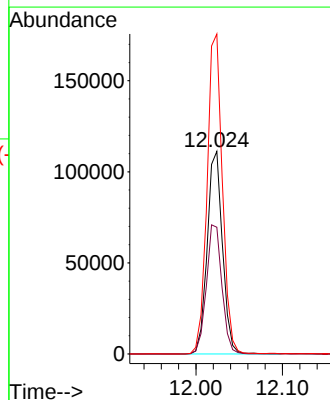
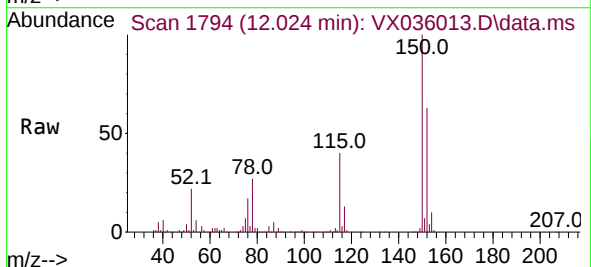
Instrument :
MSVOA_X
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STORAGE-BLANK-WATER-REF-5

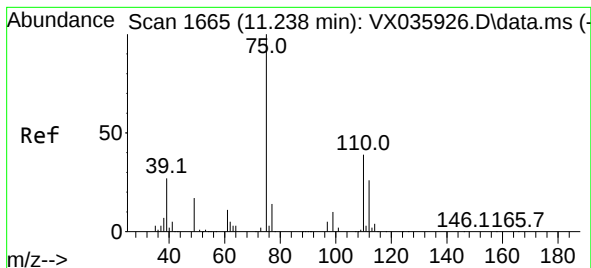
Tgt Ion:117 Resp: 311536
Ion Ratio Lower Upper
117 100
82 57.8 46.6 69.8
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036013.D
Acq: 05 Jun 2023 19:13

Tgt Ion:152 Resp: 136152
Ion Ratio Lower Upper
152 100
115 64.9 45.5 136.5
150 158.1 0.0 345.2





#76

1,2,3-Trichloropropane

Concen: 26.762 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX036013.D

Acq: 05 Jun 2023 19:13

Instrument :

MSVOA_X

ClientSampleId :

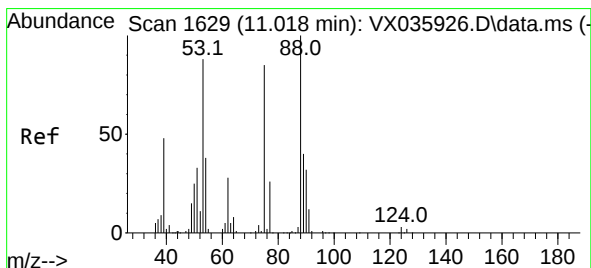
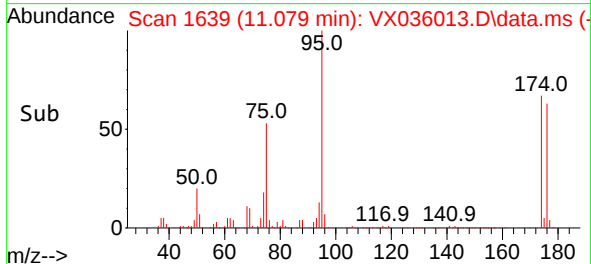
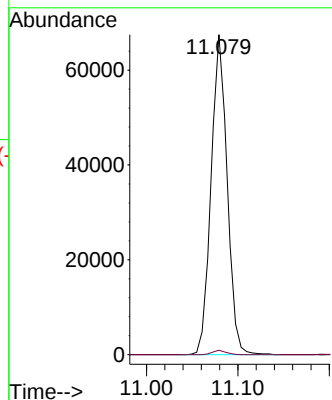
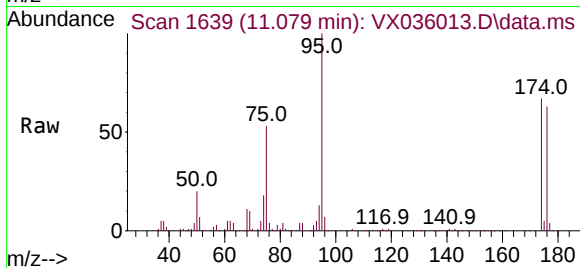
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 82182

Ion Ratio Lower Upper

75 100

77 1.2 21.4 64.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 90.143 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036013.D

Acq: 05 Jun 2023 19:13

Tgt Ion: 75 Resp: 82182

Ion Ratio Lower Upper

75 100

53 0.0 95.2 142.8#

89 0.0 38.0 57.0#

