

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060523\
 Data File : VX036015.D
 Acq On : 05 Jun 2023 20:00
 Operator : JC/MD
 Sample : 03027-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Jun 06 06:48:52 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)

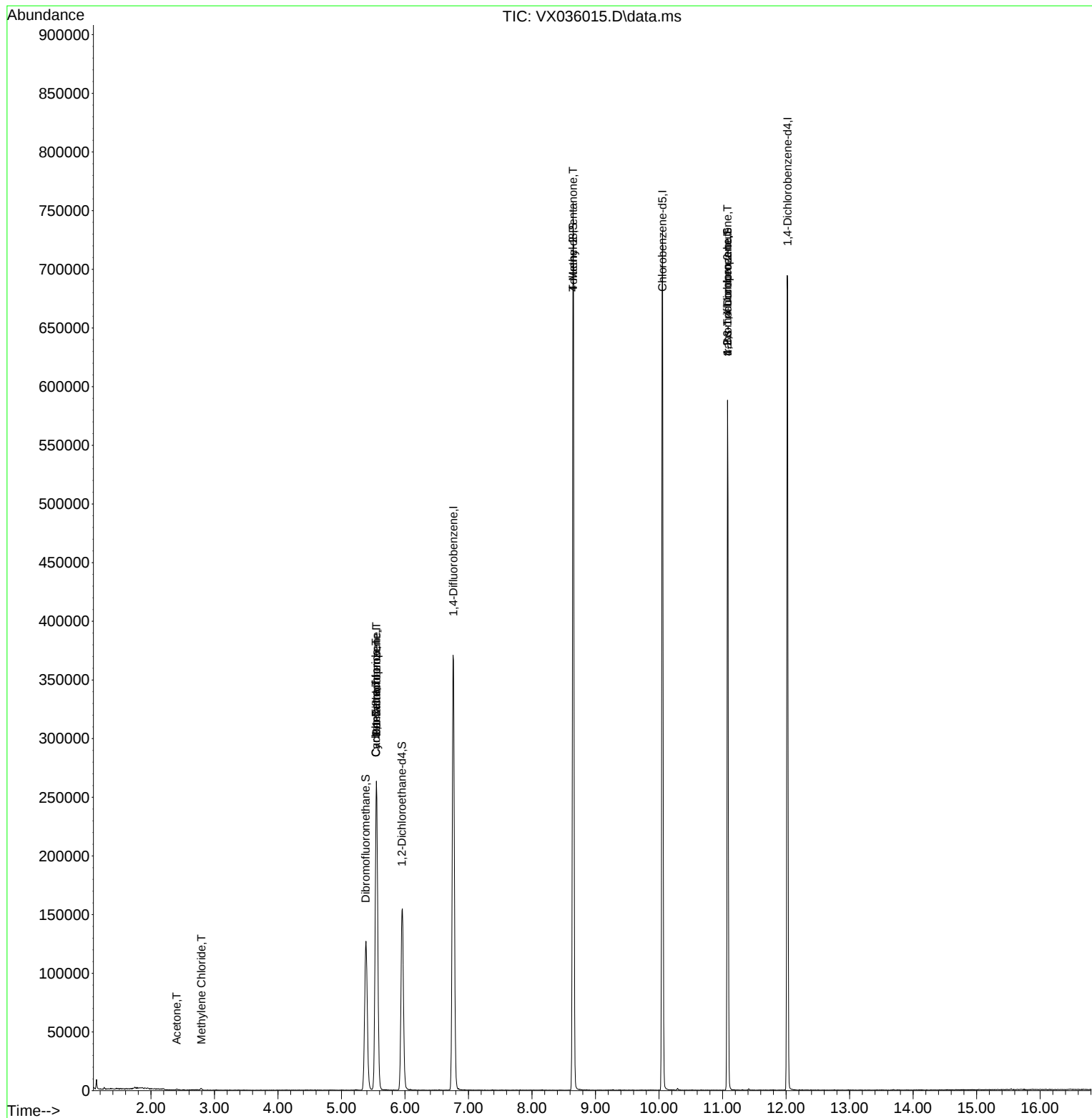
Internal Standards						
1) Pentafluorobenzene	5.550	168	228414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	357759	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	321885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	159346	42.961	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.920%
35) Dibromofluoromethane	5.379	113	111347	46.274	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.540%
50) Toluene-d8	8.647	98	433142	50.156	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.320%
62) 4-Bromofluorobenzene	11.079	95	158901	46.611	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.220%
Target Compounds						
					Qvalue	
16) Acetone	2.404	43	1290	0.843	ug/l	95
20) Methylene Chloride	2.794	84	621	0.211	ug/l #	79
31) Cyclohexane	5.544	56	5765	1.484	ug/l #	21
36) 1,1-Dichloropropene	5.550	75	19809	6.174	ug/l #	52
38) Carbon Tetrachloride	5.544	117	26012	8.320	ug/l #	19
51) 4-Methyl-2-Pentanone	8.647	43	2146	0.598	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	84458	26.752	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	84458	90.108	ug/l #	3

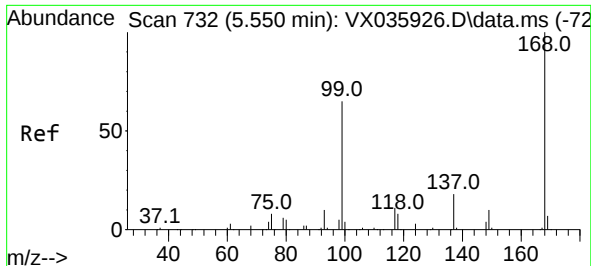
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

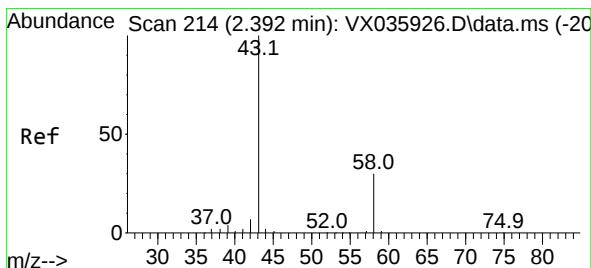
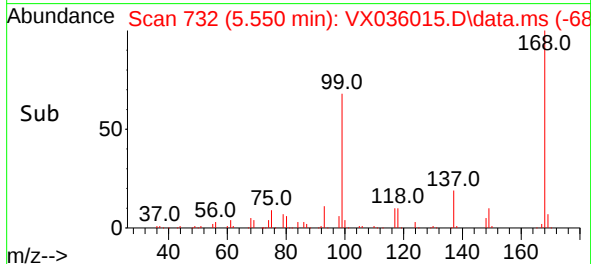
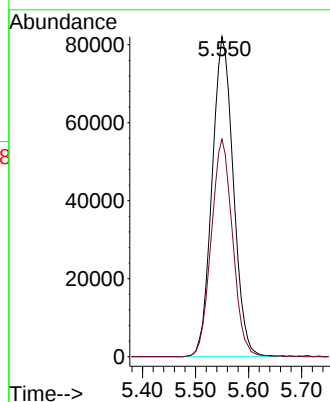
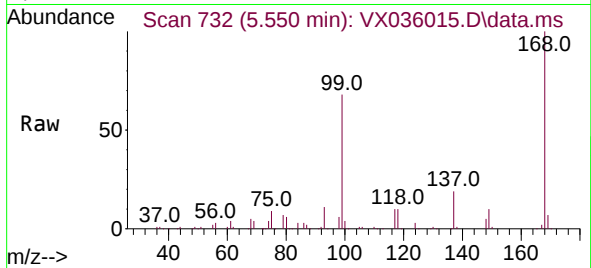




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036015.D
Acq: 05 Jun 2023 20:00

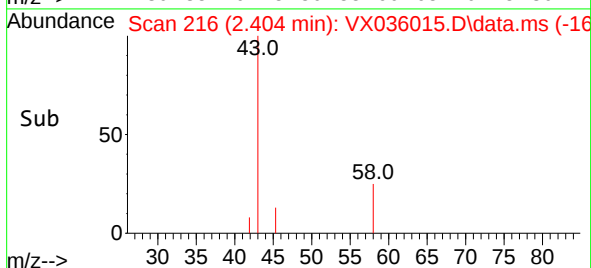
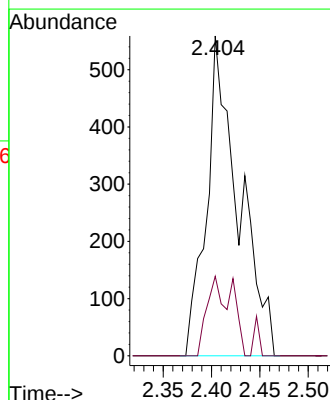
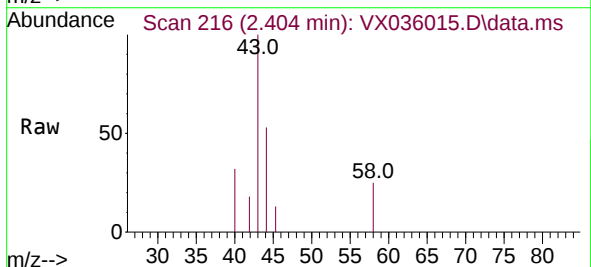
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

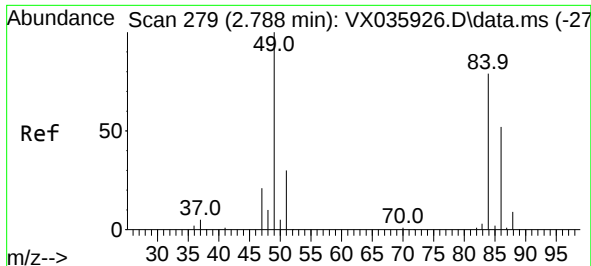
Tgt Ion:168 Resp: 228414
Ion Ratio Lower Upper
168 100
99 67.9 57.0 85.6



#16
Acetone
Concen: 0.843 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.013 min
Lab File: VX036015.D
Acq: 05 Jun 2023 20:00

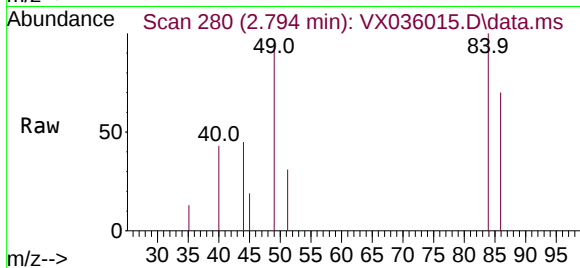
Tgt Ion: 43 Resp: 1290
Ion Ratio Lower Upper
43 100
58 24.9 22.2 33.2



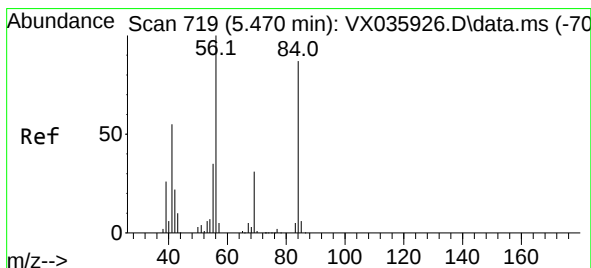
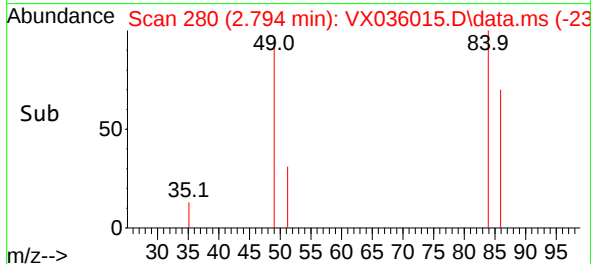
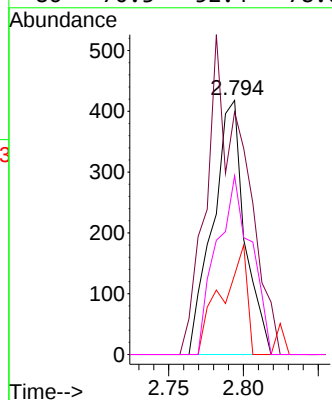


#20
Methylene Chloride
Concen: 0.211 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036015.D
Acq: 05 Jun 2023 20:00

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

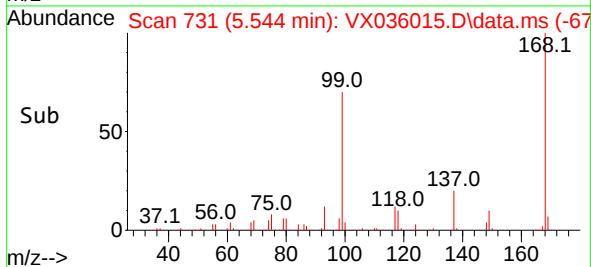
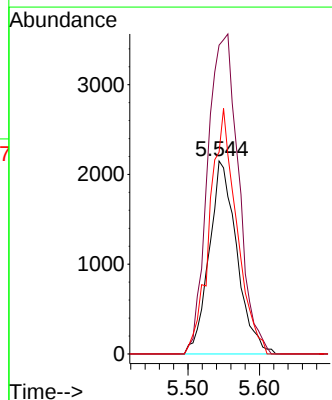
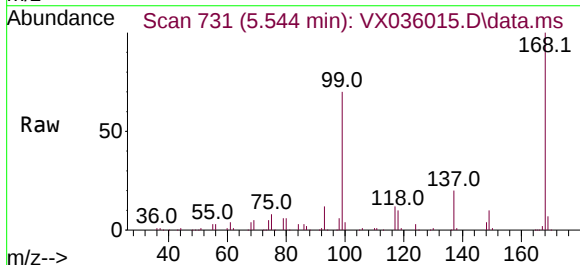


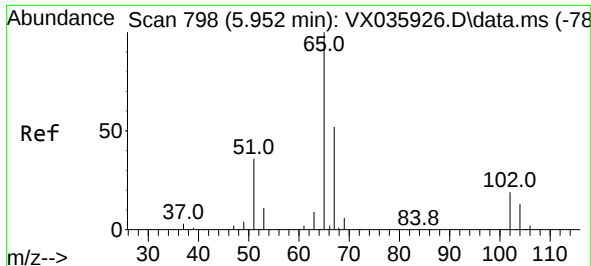
Tgt Ion: 84	Resp: 621
Ion Ratio	Lower Upper
84 100	
49 95.5	104.6 156.8#
51 31.3	32.2 48.4#
86 70.3	52.4 78.6



#31
Cyclohexane
Concen: 1.484 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.074 min
Lab File: VX036015.D
Acq: 05 Jun 2023 20:00

Tgt Ion: 56	Resp: 5765		
Ion Ratio	Lower	Upper	
56	100		
69	160.0	25.9	38.9#
84	104.6	67.6	101.4#

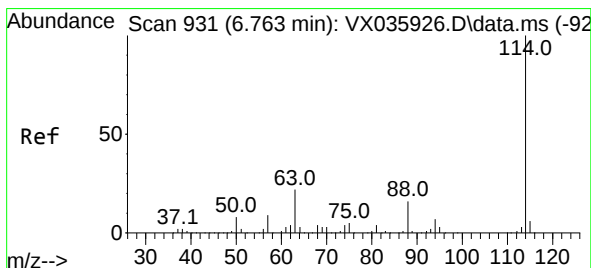
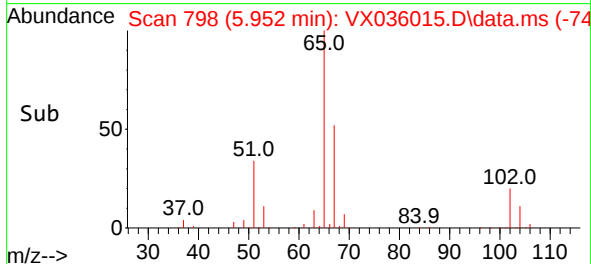
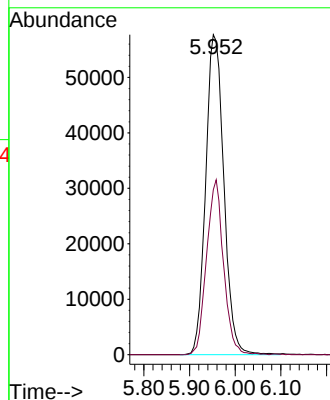
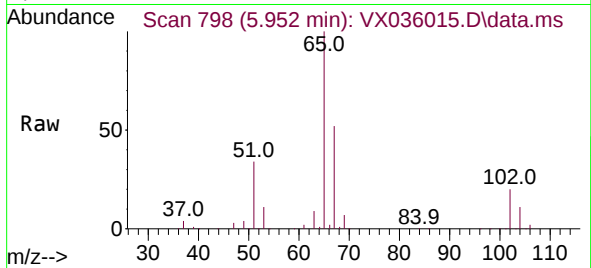




#33
 1,2-Dichloroethane-d4
 Concen: 42.961 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX036015.D
 Acq: 05 Jun 2023 20:00

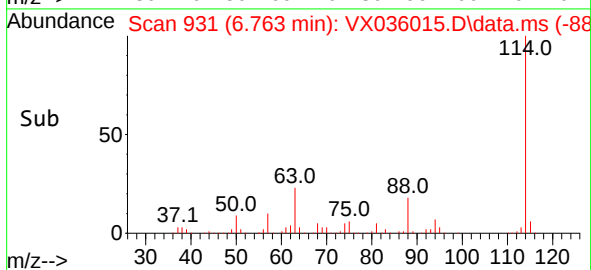
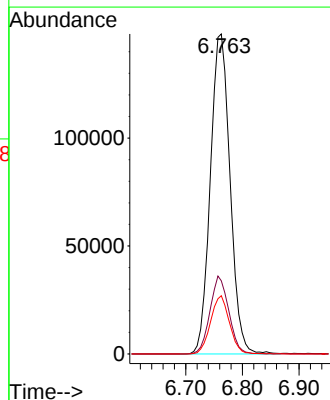
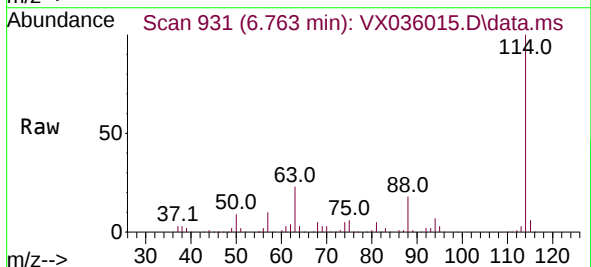
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

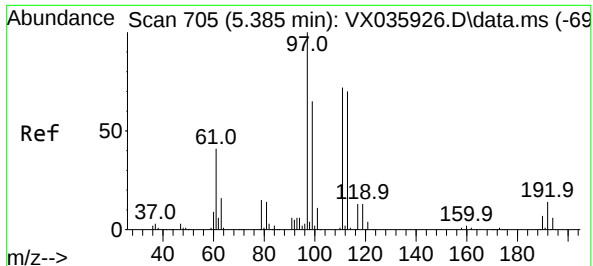
Tgt Ion: 65 Resp: 159346
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036015.D
 Acq: 05 Jun 2023 20:00

Tgt Ion: 114 Resp: 357759
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 46.0
 88 18.2 0.0 35.2

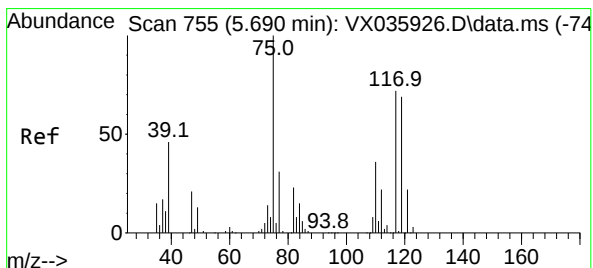
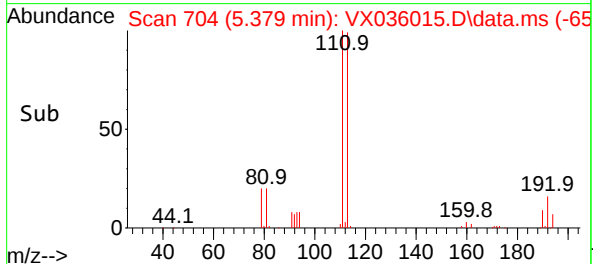
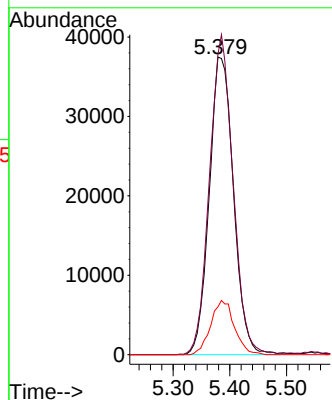
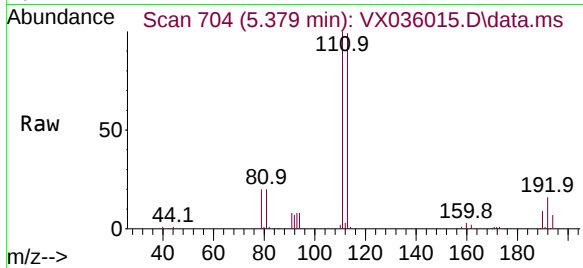




#35
Dibromofluoromethane
Concen: 46.274 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX036015.D
Acq: 05 Jun 2023 20:00

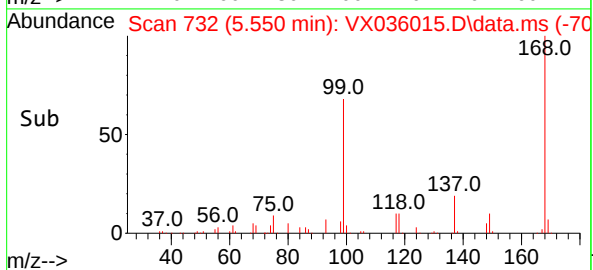
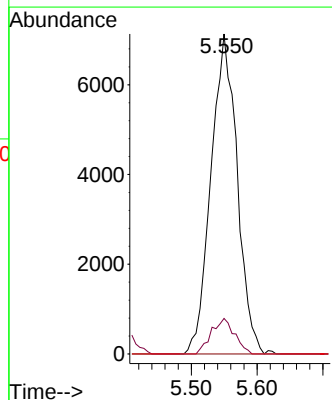
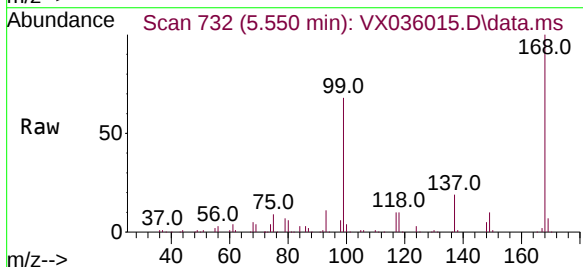
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

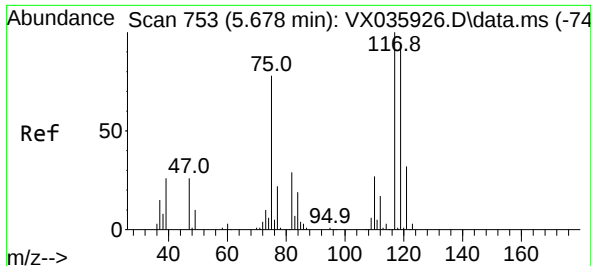
Tgt Ion:113 Resp: 111347
Ion Ratio Lower Upper
113 100
111 104.4 81.7 122.5
192 17.8 13.5 20.3



#36
1,1-Dichloropropene
Concen: 6.174 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX036015.D
Acq: 05 Jun 2023 20:00

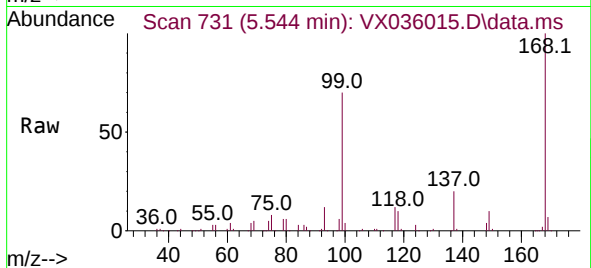
Tgt Ion: 75 Resp: 19809
Ion Ratio Lower Upper
75 100
110 9.8 16.6 49.7#
77 0.0 24.4 36.6#



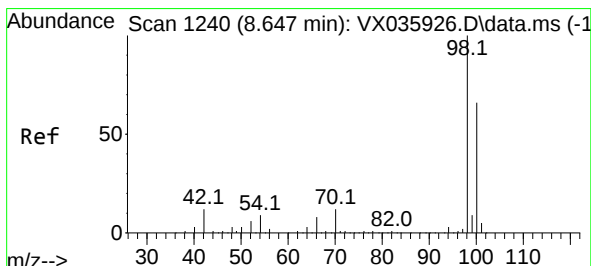
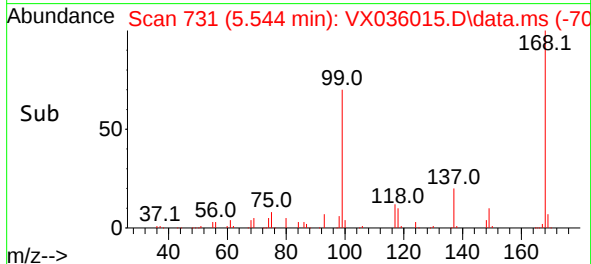
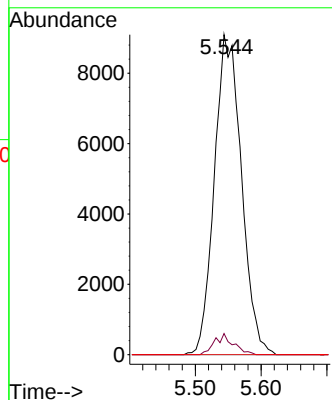


#38
Carbon Tetrachloride
Concen: 8.320 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.133 min
Lab File: VX036015.D
Acq: 05 Jun 2023 20:00

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

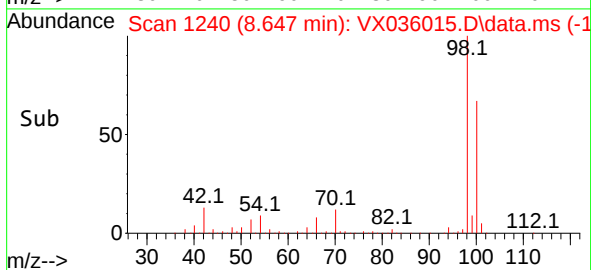
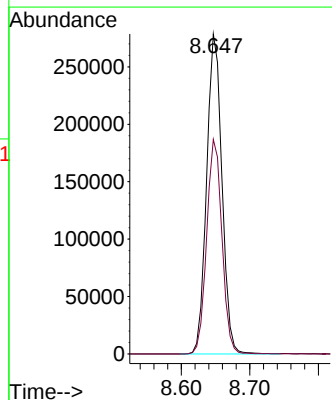
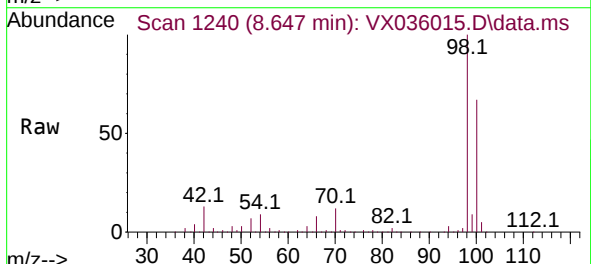


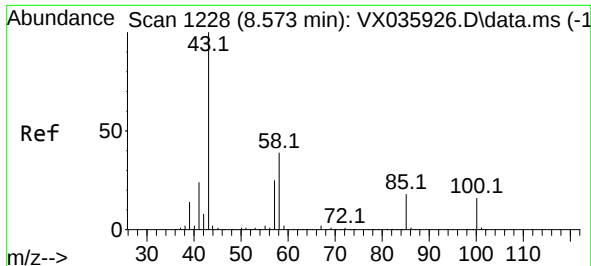
Tgt Ion:117 Resp: 26012
Ion Ratio Lower Upper
117 100
119 6.6 74.1 111.1#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 50.156 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036015.D
Acq: 05 Jun 2023 20:00

Tgt Ion: 98 Resp: 433142
Ion Ratio Lower Upper
98 100
100 66.9 53.4 80.0

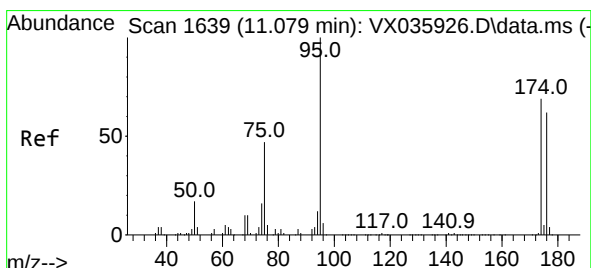
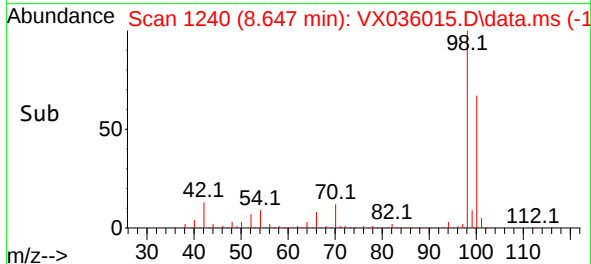
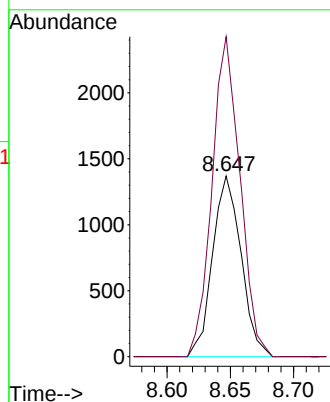
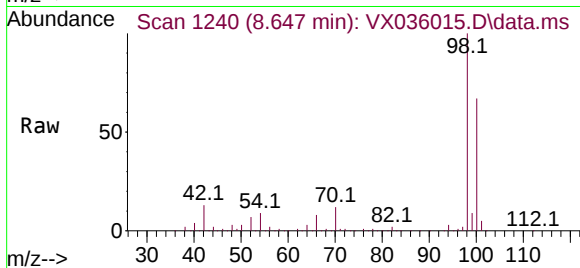




#51
4-Methyl-2-Pentanone
Concen: 0.598 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX036015.D
Acq: 05 Jun 2023 20:00

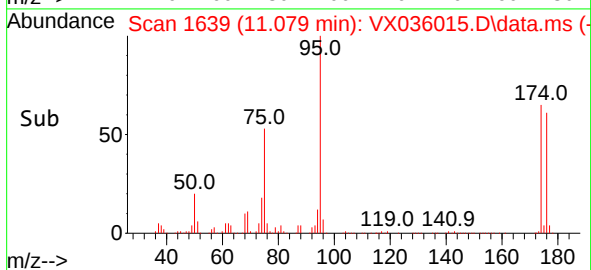
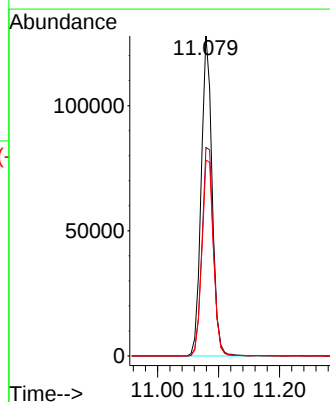
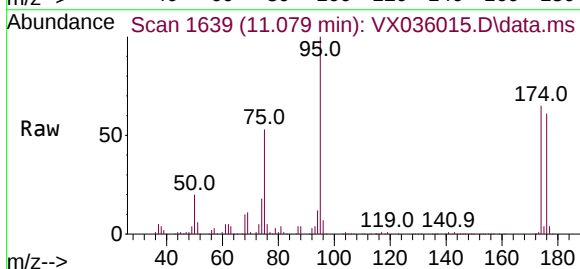
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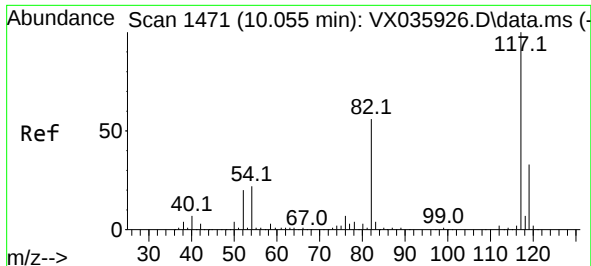
Tgt Ion: 43 Resp: 2146
Ion Ratio Lower Upper
43 100
58 174.0 30.1 45.1#



#62
4-Bromofluorobenzene
Concen: 46.611 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036015.D
Acq: 05 Jun 2023 20:00

Tgt Ion: 95 Resp: 158901
Ion Ratio Lower Upper
95 100
174 68.6 0.0 132.6
176 65.0 0.0 128.0

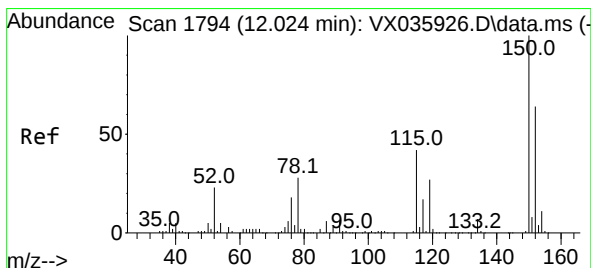
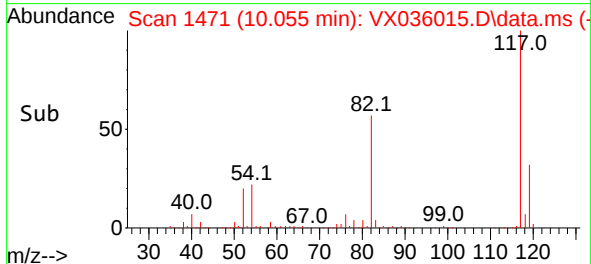
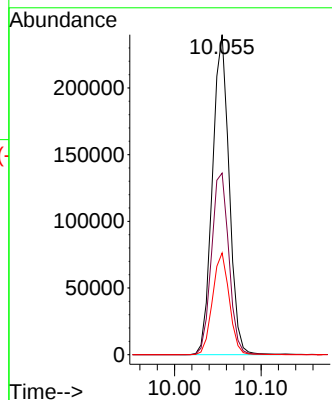
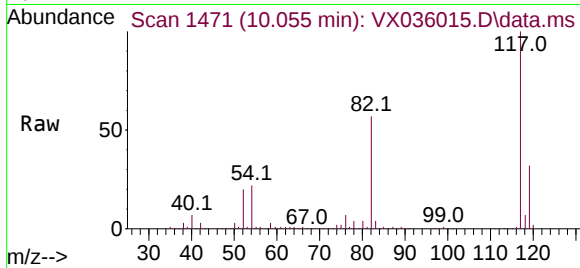




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036015.D
Acq: 05 Jun 2023 20:00

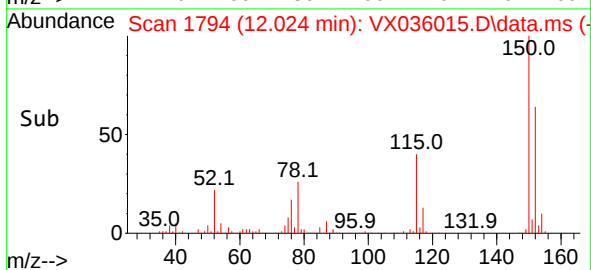
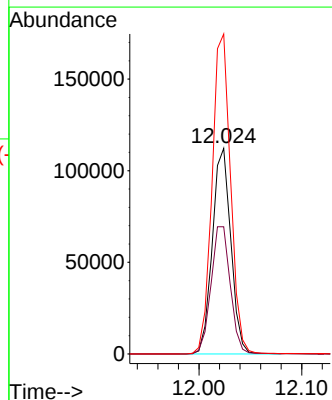
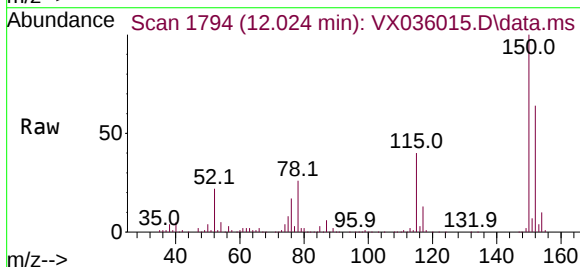
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

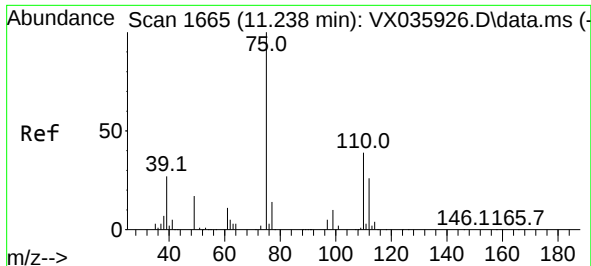
Tgt Ion:117 Resp: 321885
Ion Ratio Lower Upper
117 100
82 56.7 46.6 69.8
119 31.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036015.D
Acq: 05 Jun 2023 20:00

Tgt Ion:152 Resp: 139977
Ion Ratio Lower Upper
152 100
115 64.6 45.5 136.5
150 156.2 0.0 345.2

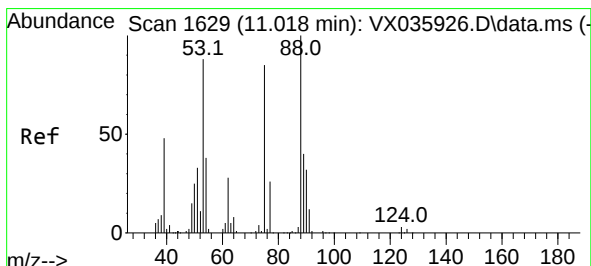
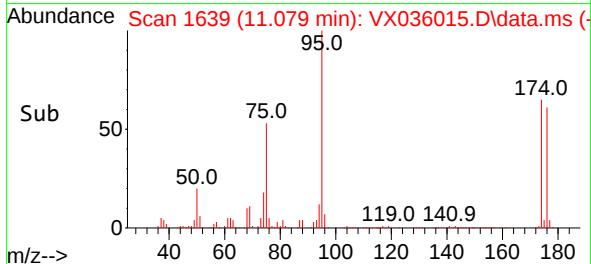
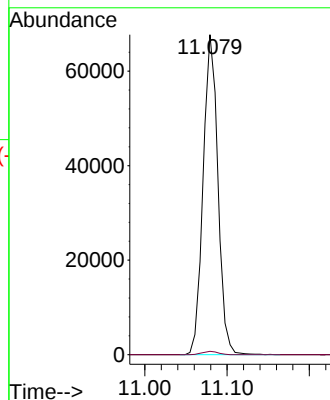
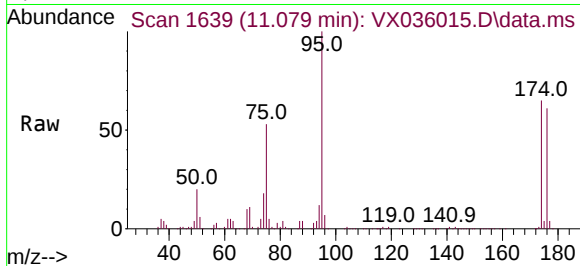




#76
1,2,3-Trichloropropane
Concen: 26.752 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036015.D
Acq: 05 Jun 2023 20:00

Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 75 Resp: 84458
Ion Ratio Lower Upper
75 100
77 1.1 21.4 64.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.108 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036015.D
Acq: 05 Jun 2023 20:00

Tgt Ion: 75 Resp: 84458
Ion Ratio Lower Upper
75 100
53 0.0 95.2 142.8#
89 0.0 38.0 57.0#

