

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100224\
 Data File : VX043233.D
 Acq On : 02 Oct 2024 15:55
 Operator : JC/MD
 Sample : P4221-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

Quant Time: Oct 03 02:34:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

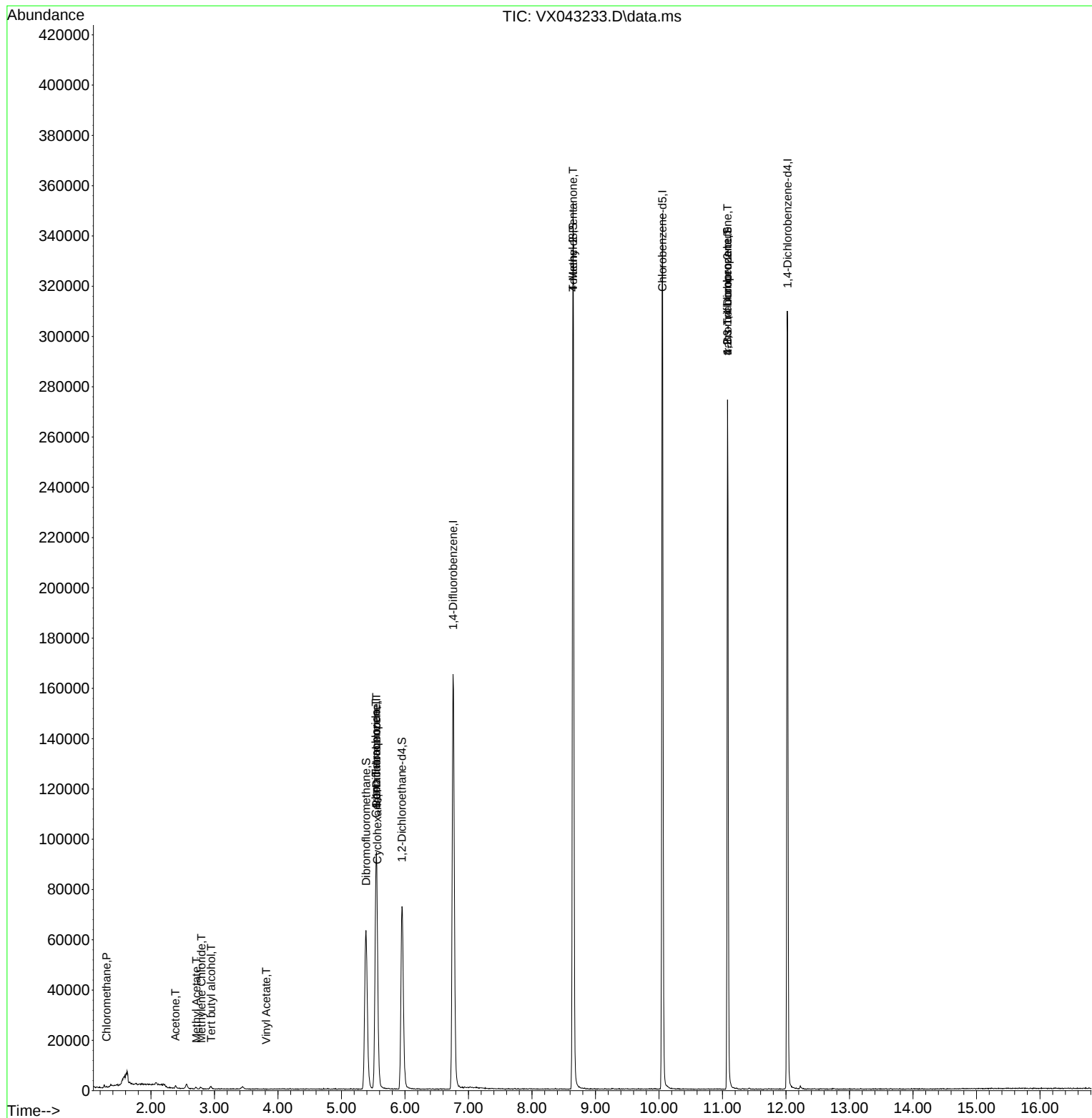
Internal Standards						
1) Pentafluorobenzene	5.550	168	86279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	168784	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75542	53.611	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.220%			
35) Dibromofluoromethane	5.385	113	55941	48.059	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.120%			
50) Toluene-d8	8.647	98	203819	50.528	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.060%			
62) 4-Bromofluorobenzene	11.079	95	73010	49.821	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.640%			
Target Compounds						Qvalue
3) Chloromethane	1.301	50	232	0.224	ug/l #	85
11) Tert butyl alcohol	2.947	59	330	1.231	ug/l #	71
16) Acetone	2.386	43	1185	2.014	ug/l #	86
18) Methyl Acetate	2.715	43	870	0.589	ug/l #	87
20) Methylene Chloride	2.794	84	312	0.288	ug/l	95
23) Vinyl Acetate	3.812	43	46	6.352	ug/l #	71
31) Cyclohexane	5.562	56	2186	1.438	ug/l #	58
36) 1,1-Dichloropropene	5.550	75	7751	5.271	ug/l #	49
38) Carbon Tetrachloride	5.544	117	9864	5.666	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1256	0.709	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	40152	28.475	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	40152	73.798	ug/l #	8

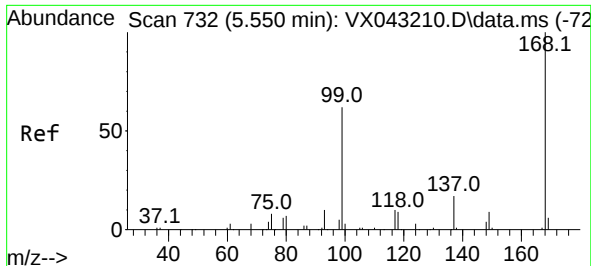
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration

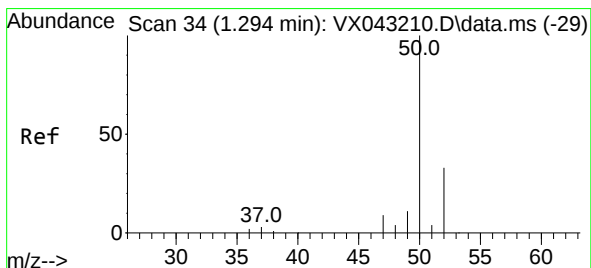
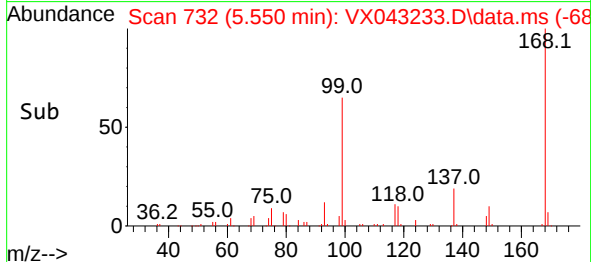
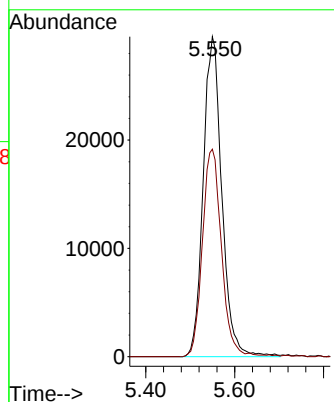
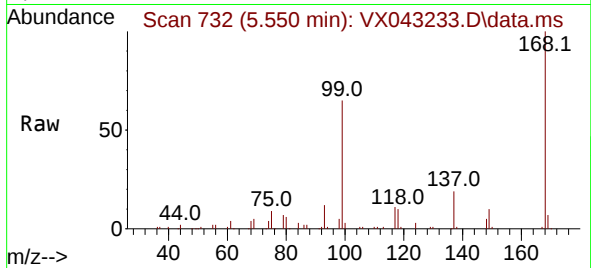




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043233.D
Acq: 02 Oct 2024 15:55

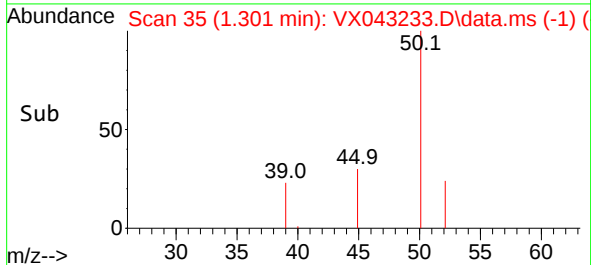
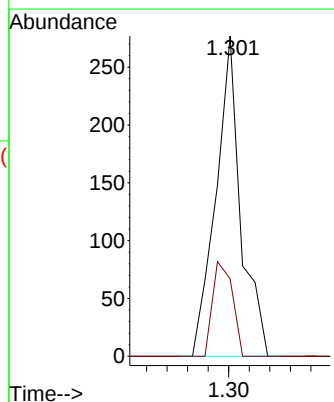
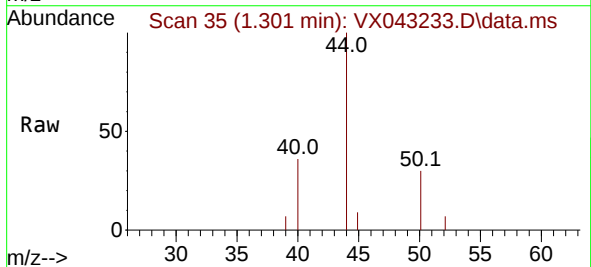
Instrument : MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

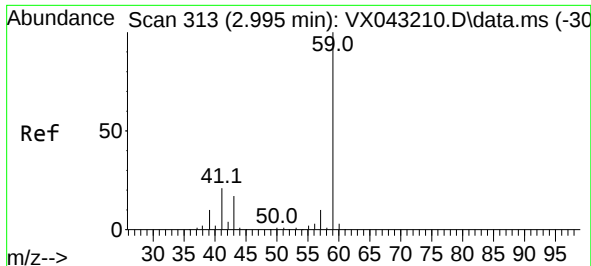
Tgt Ion:168 Resp: 86279
Ion Ratio Lower Upper
168 100
99 64.8 49.7 74.5



#3
Chloromethane
Concen: 0.224 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX043233.D
Acq: 02 Oct 2024 15:55

Tgt Ion: 50 Resp: 232
Ion Ratio Lower Upper
50 100
52 24.2 26.1 39.1#

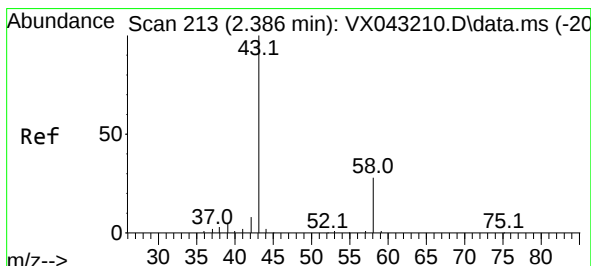
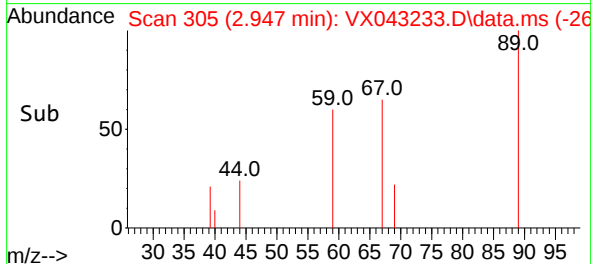
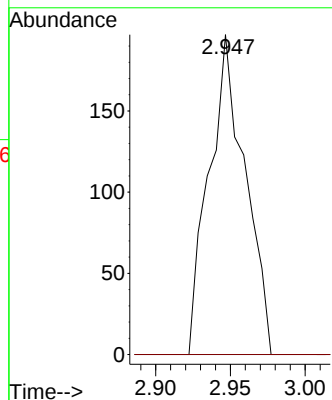
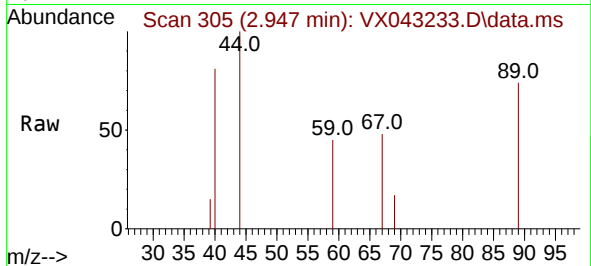




#11
Tert butyl alcohol
Concen: 1.231 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX043233.D
Acq: 02 Oct 2024 15:55

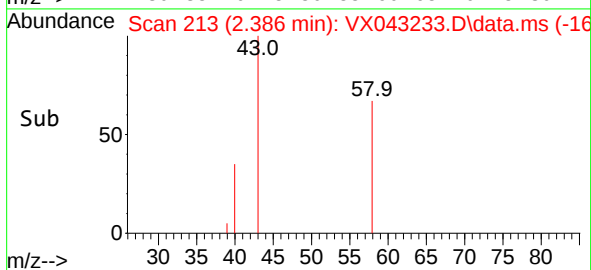
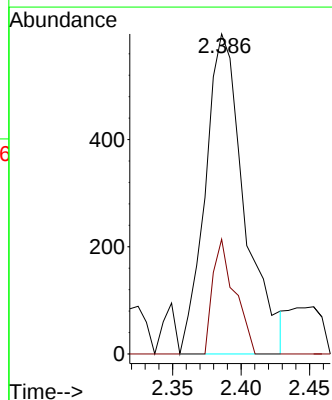
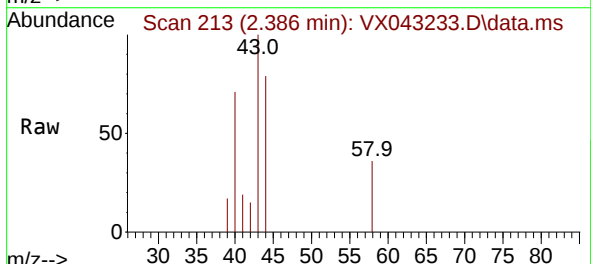
Instrument : MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

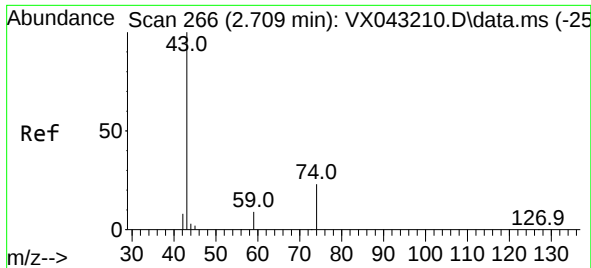
Tgt Ion: 59 Resp: 330
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#16
Acetone
Concen: 2.014 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043233.D
Acq: 02 Oct 2024 15:55

Tgt Ion: 43 Resp: 1185
Ion Ratio Lower Upper
43 100
58 35.8 22.6 33.8#

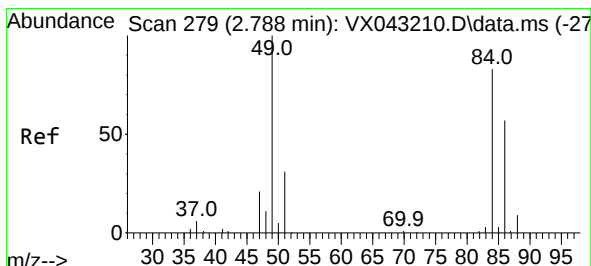
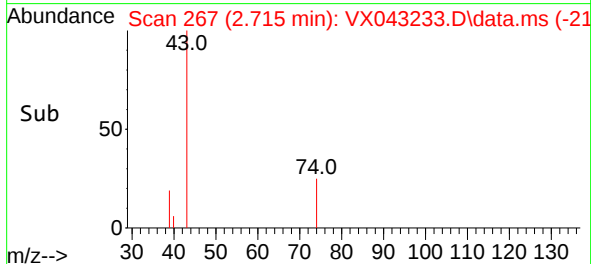
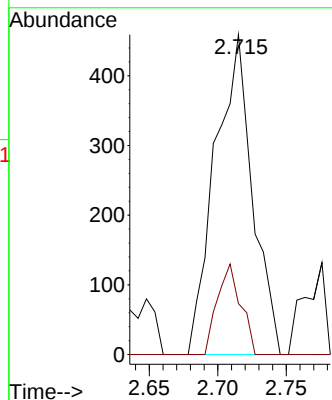
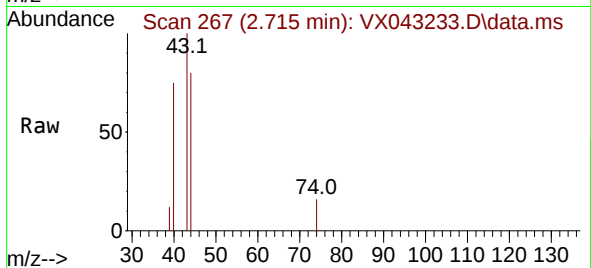




#18
Methyl Acetate
Concen: 0.589 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX043233.D
Acq: 02 Oct 2024 15:55

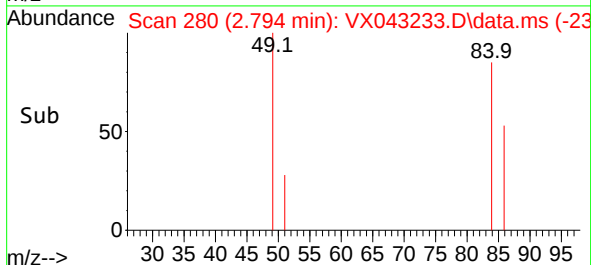
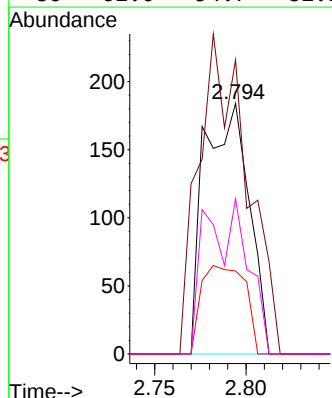
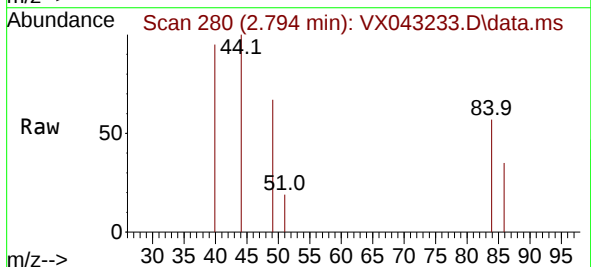
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

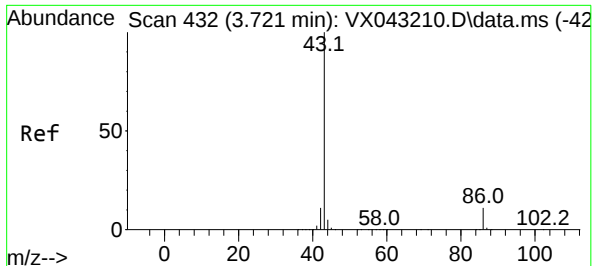
Tgt Ion: 43 Resp: 870
Ion Ratio Lower Upper
43 100
74 17.7 19.1 28.7#



#20
Methylene Chloride
Concen: 0.288 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX043233.D
Acq: 02 Oct 2024 15:55

Tgt Ion: 84 Resp: 312
Ion Ratio Lower Upper
84 100
49 117.4 96.7 145.1
51 33.2 30.4 45.6
86 62.0 54.7 82.1

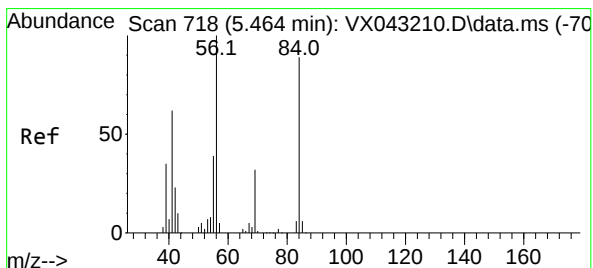
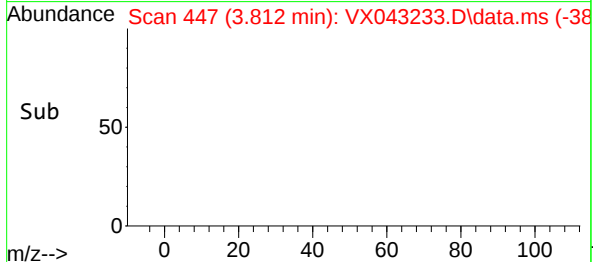
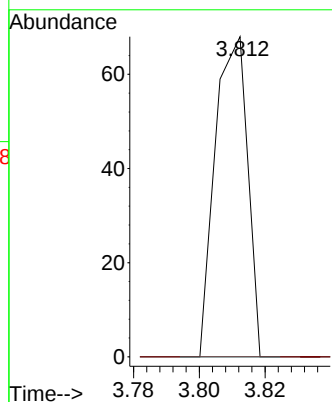
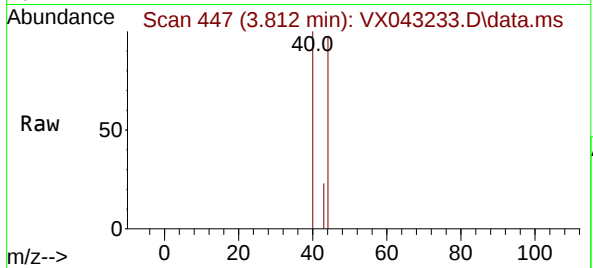




#23
 Vinyl Acetate
 Concen: 6.352 ug/l
 RT: 3.812 min Scan# 447
 Delta R.T. 0.091 min
 Lab File: VX043233.D
 Acq: 02 Oct 2024 15:55

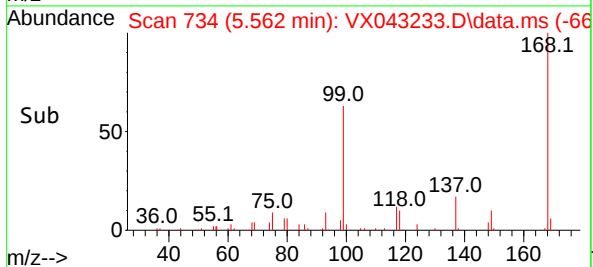
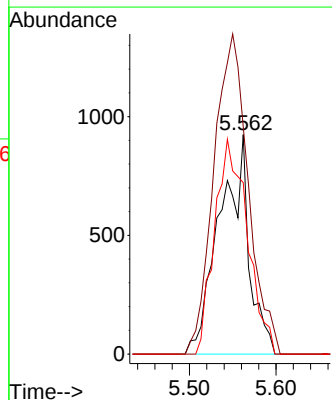
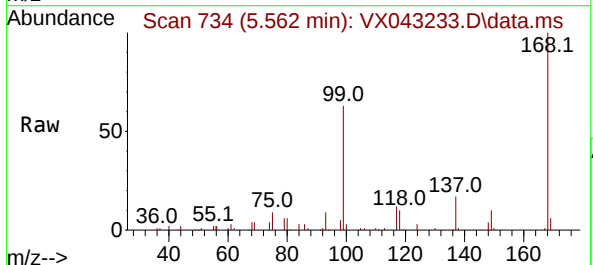
Instrument : MSVOA_X
 ClientSampleId :
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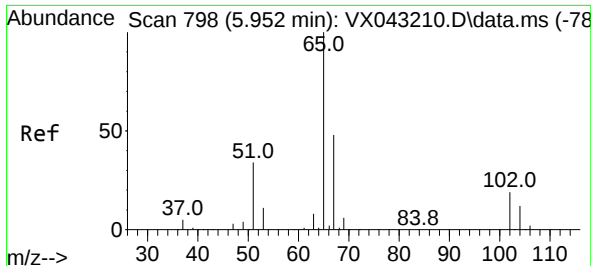
Tgt Ion: 43 Resp: 46
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.8 13.2#



#31
 Cyclohexane
 Concen: 1.438 ug/l
 RT: 5.562 min Scan# 734
 Delta R.T. 0.098 min
 Lab File: VX043233.D
 Acq: 02 Oct 2024 15:55

Tgt Ion: 56 Resp: 2186
 Ion Ratio Lower Upper
 56 100
 69 103.6 25.8 38.6#
 84 78.1 71.1 106.7

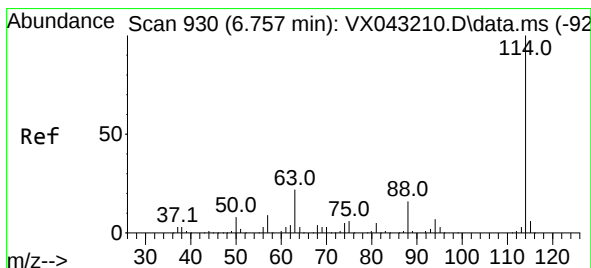
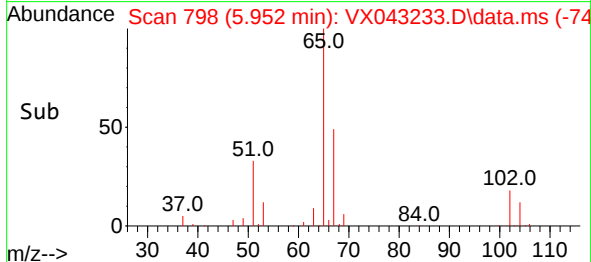
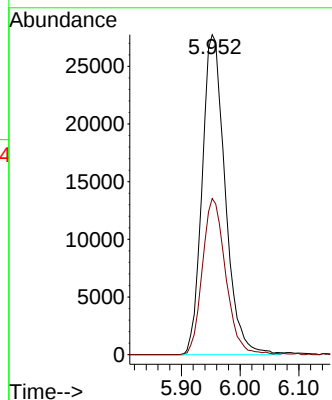
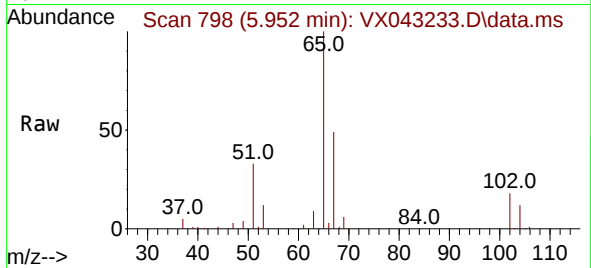




#33
1,2-Dichloroethane-d4
Concen: 53.611 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043233.D
Acq: 02 Oct 2024 15:55

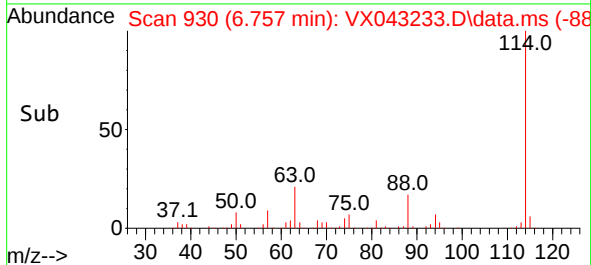
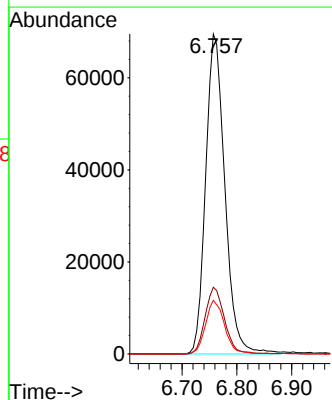
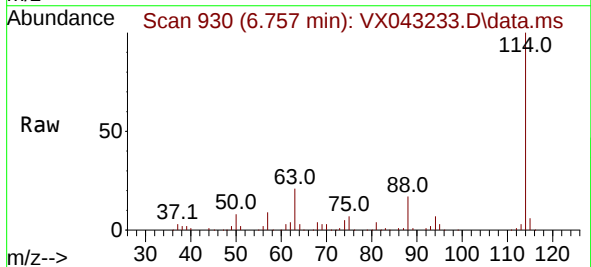
Instrument : MSVOA_X
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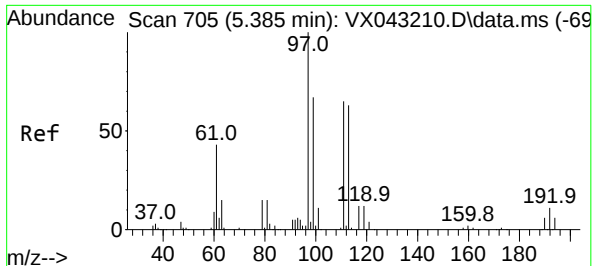
Tgt Ion: 65 Resp: 75542
Ion Ratio Lower Upper
65 100
67 49.3 0.0 99.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX043233.D
Acq: 02 Oct 2024 15:55

Tgt Ion: 114 Resp: 168784
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.0
88 16.7 0.0 33.0

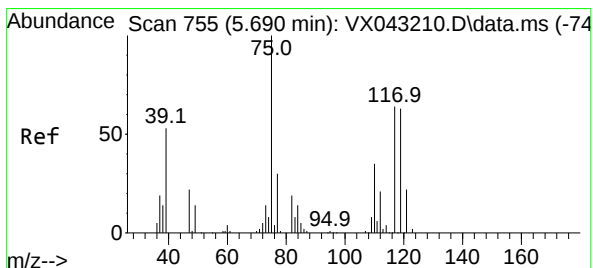
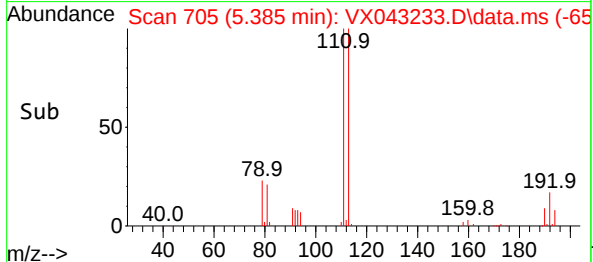
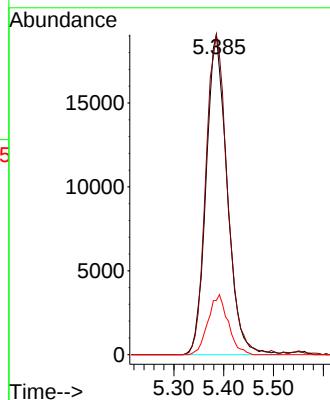
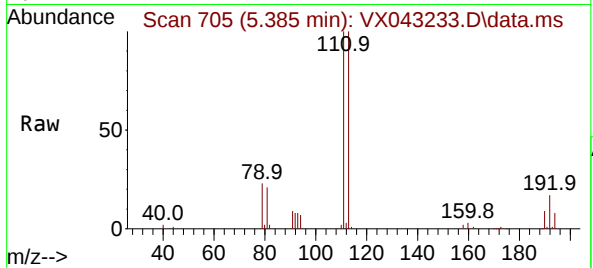




#35
Dibromofluoromethane
Concen: 48.059 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043233.D
Acq: 02 Oct 2024 15:55

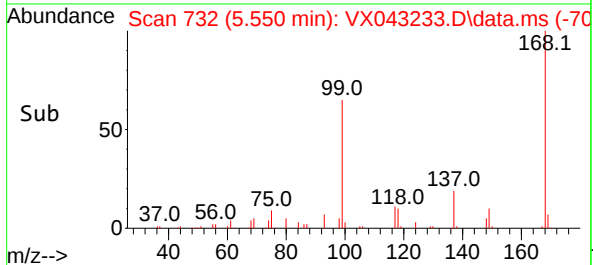
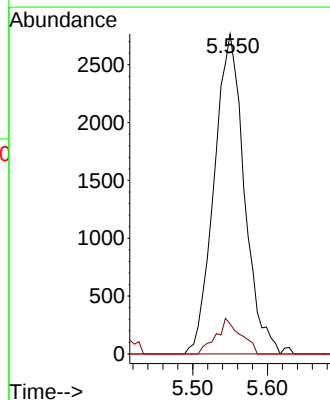
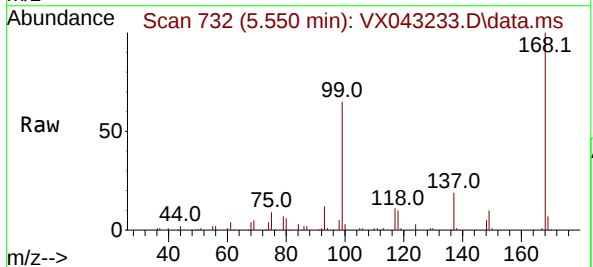
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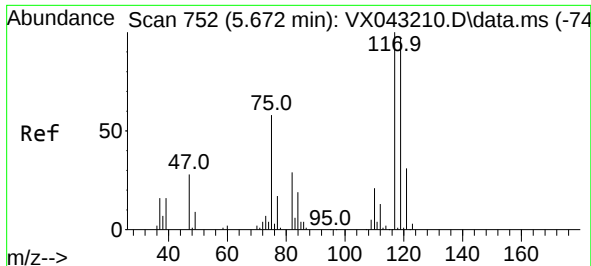
Tgt Ion:113 Resp: 55941
Ion Ratio Lower Upper
113 100
111 102.3 83.4 125.0
192 17.9 14.1 21.1



#36
1,1-Dichloropropene
Concen: 5.271 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX043233.D
Acq: 02 Oct 2024 15:55

Tgt Ion: 75 Resp: 7751
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.3#
77 0.0 24.9 37.3#

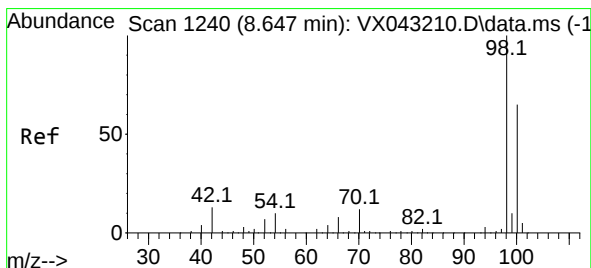
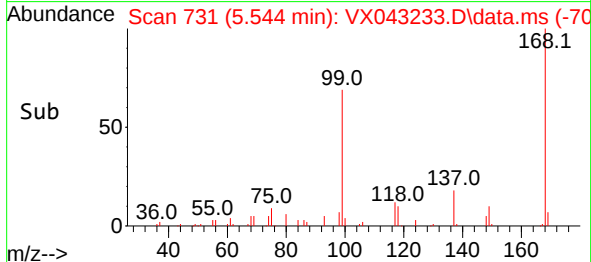
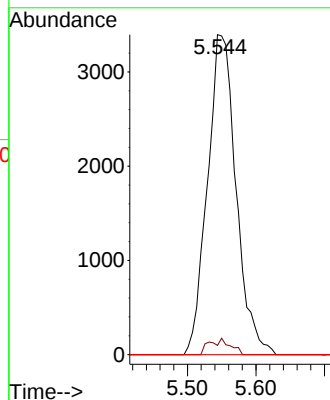
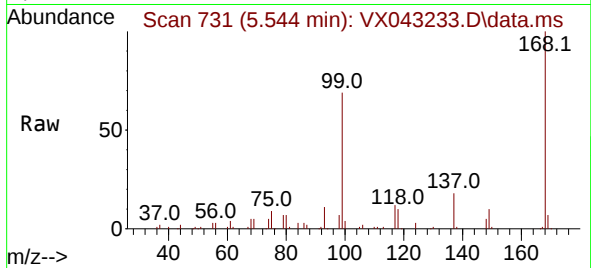




#38
Carbon Tetrachloride
Concen: 5.666 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043233.D
Acq: 02 Oct 2024 15:55

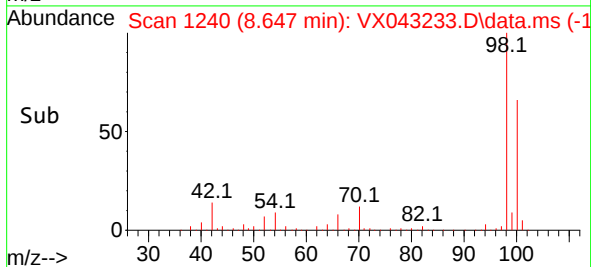
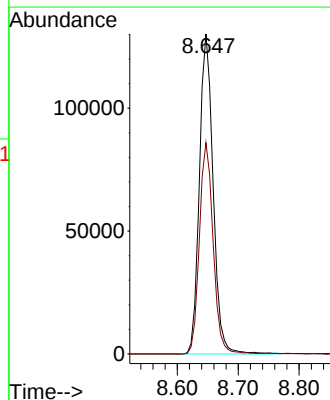
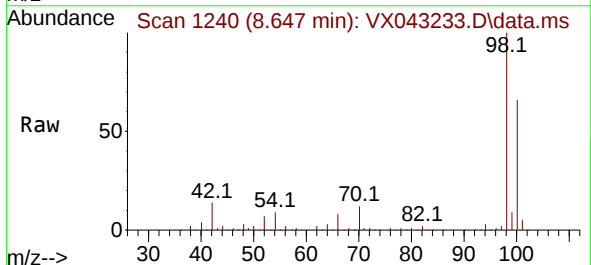
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

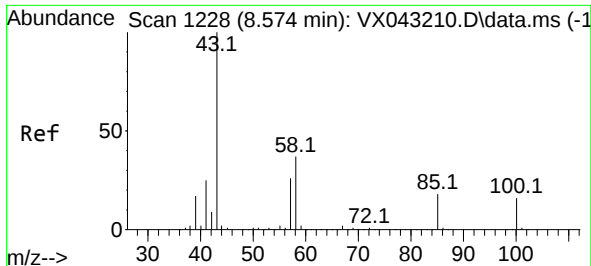
Tgt Ion:117 Resp: 9864
Ion Ratio Lower Upper
117 100
119 2.9 77.7 116.5#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 50.528 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043233.D
Acq: 02 Oct 2024 15:55

Tgt Ion: 98 Resp: 203819
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6

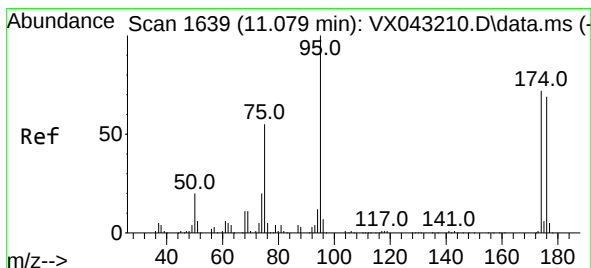
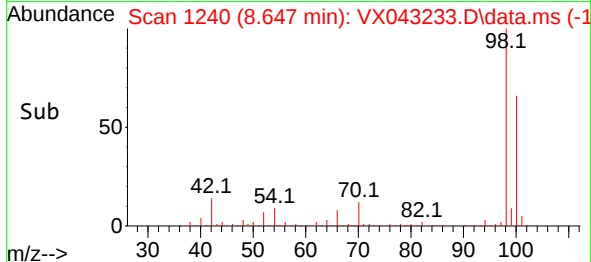
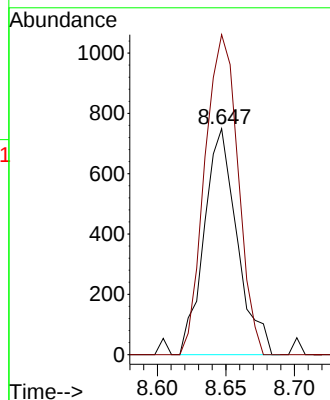
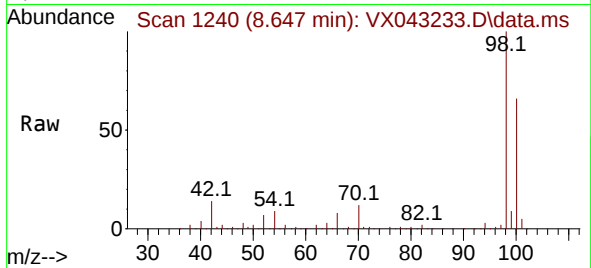




#51
4-Methyl-2-Pentanone
Concen: 0.709 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX043233.D
Acq: 02 Oct 2024 15:55

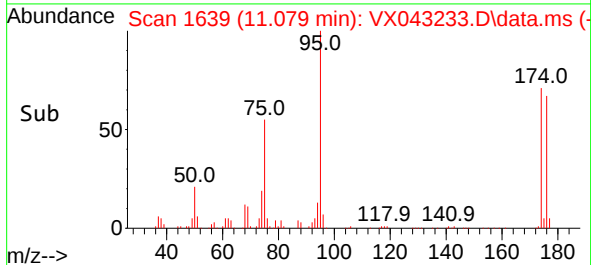
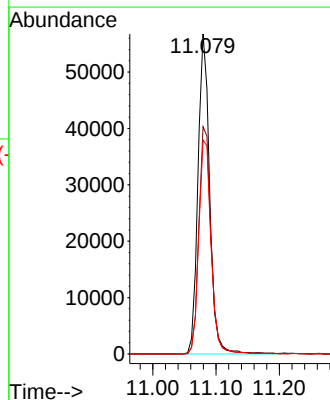
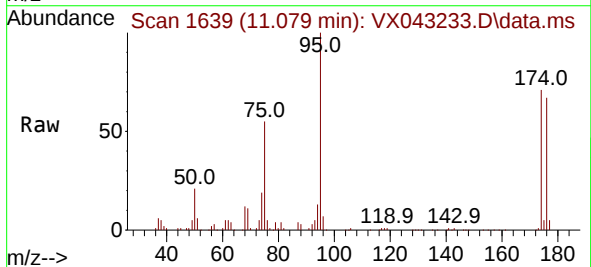
Instrument : MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

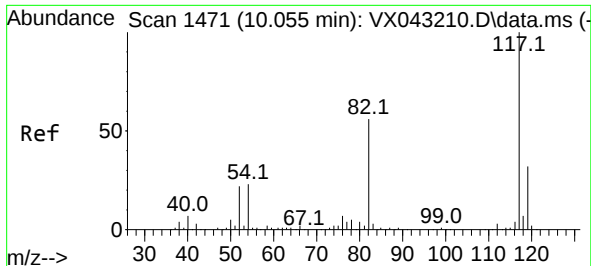
Tgt Ion: 43 Resp: 1256
Ion Ratio Lower Upper
43 100
58 142.5 30.0 45.0#



#62
4-Bromofluorobenzene
Concen: 49.821 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043233.D
Acq: 02 Oct 2024 15:55

Tgt Ion: 95 Resp: 73010
Ion Ratio Lower Upper
95 100
174 73.9 0.0 145.0
176 70.7 0.0 143.0

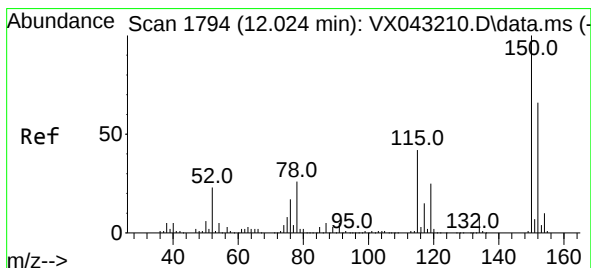
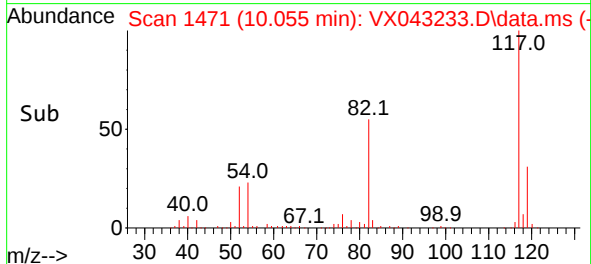
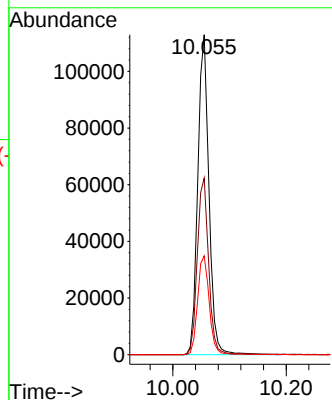
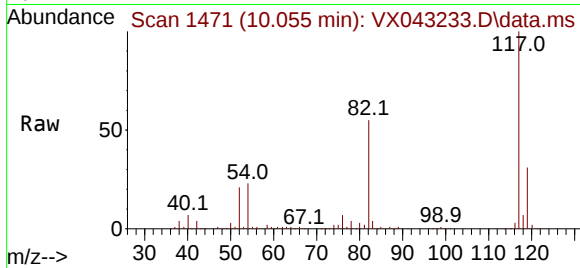




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043233.D
Acq: 02 Oct 2024 15:55

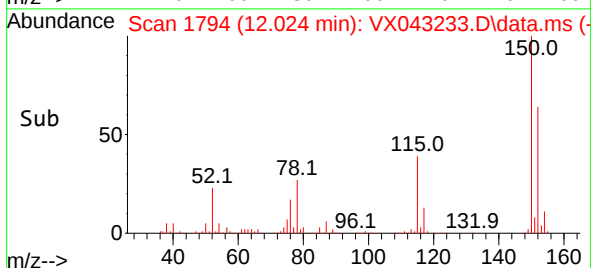
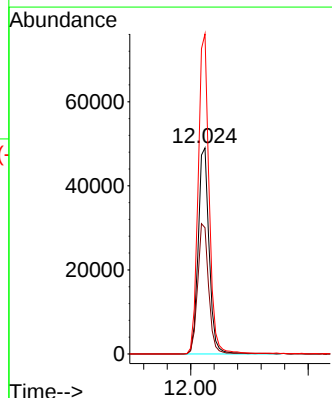
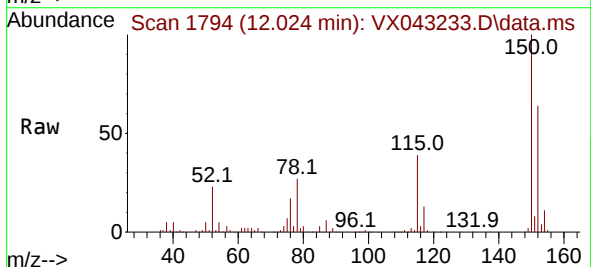
Instrument : MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

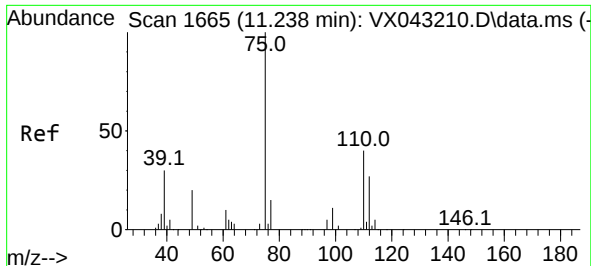
Tgt Ion:117 Resp: 153866
Ion Ratio Lower Upper
117 100
82 55.2 45.0 67.6
119 30.9 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043233.D
Acq: 02 Oct 2024 15:55

Tgt Ion:152 Resp: 63571
Ion Ratio Lower Upper
152 100
115 63.4 44.1 132.3
150 154.8 0.0 347.4

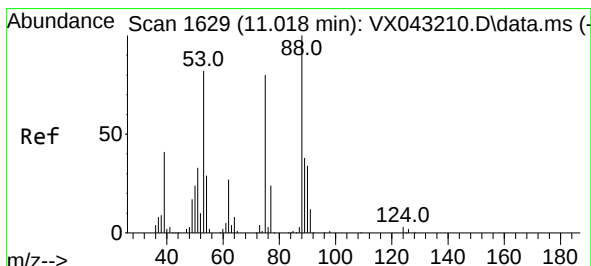
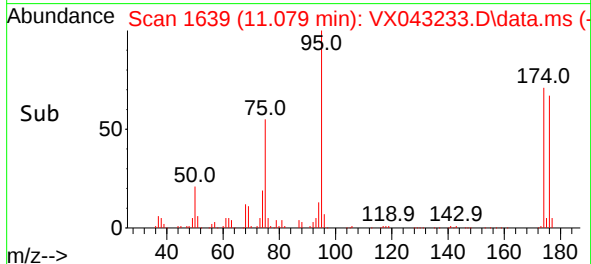
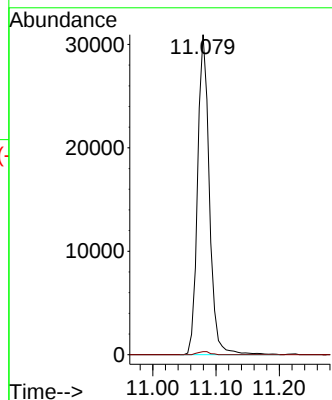
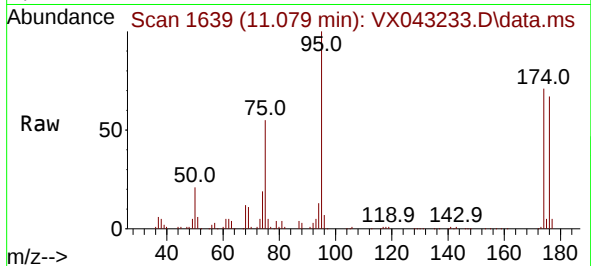




#76
1,2,3-Trichloropropane
Concen: 28.475 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043233.D
Acq: 02 Oct 2024 15:55

Instrument : MSVOA_X
ClientSampleId : Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 75 Resp: 40152
Ion Ratio Lower Upper
75 100
77 1.0 22.0 66.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.798 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043233.D
Acq: 02 Oct 2024 15:55

Tgt Ion: 75 Resp: 40152
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#

