

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022725\
 Data File : VX045065.D
 Acq On : 27 Feb 2025 16:05
 Operator : JC/MD
 Sample : Q1403-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Feb 28 00:44:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

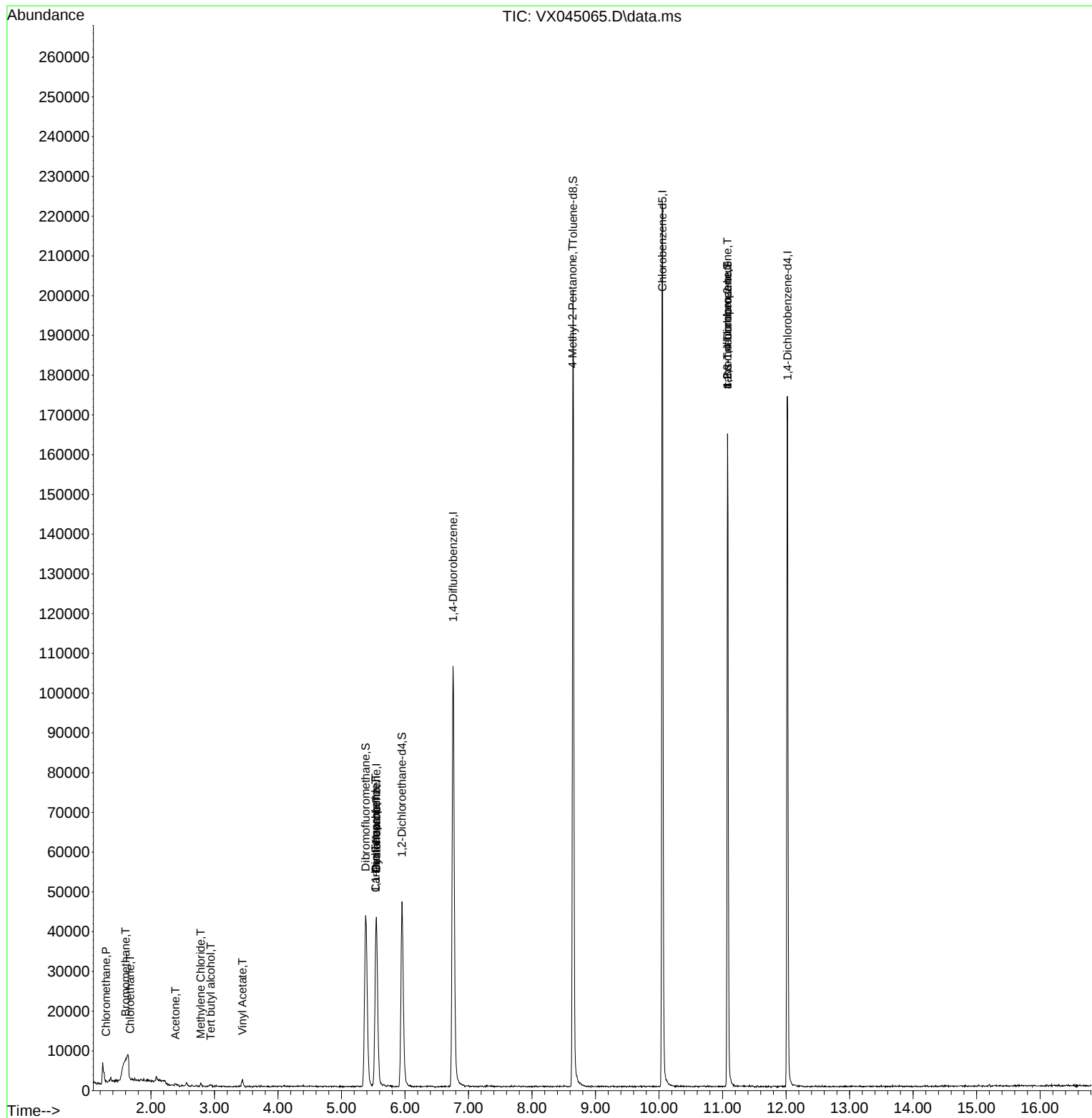
Internal Standards						
1) Pentafluorobenzene	5.549	168	40726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	109044	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	105129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	42862	71.897	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 143.800%#	
35) Dibromofluoromethane	5.379	113	38603	54.450	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.900%	
50) Toluene-d8	8.646	98	116362	43.404	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 86.800%	
62) 4-Bromofluorobenzene	11.079	95	44440	49.171	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 98.340%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	247	0.355	ug/l #	42
5) Bromomethane	1.599	94	67	0.332	ug/l #	70
6) Chloroethane	1.672	64	73	1.565	ug/l #	42
11) Tert butyl alcohol	2.940	59	341	3.083	ug/l #	73
16) Acetone	2.385	43	616	2.570	ug/l	99
20) Methylene Chloride	2.782	84	294	0.501	ug/l #	78
23) Vinyl Acetate	3.440	43	376	0.257	ug/l #	57
31) Cyclohexane	5.549	56	1160	1.253	ug/l #	59
36) 1,1-Dichloropropene	5.537	75	3450	3.373	ug/l #	48
38) Carbon Tetrachloride	5.537	117	4129	4.119	ug/l #	16
51) 4-Methyl-2-Pentanone	8.640	43	559	0.500	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	23370	29.042	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	23370	74.708	ug/l #	11

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

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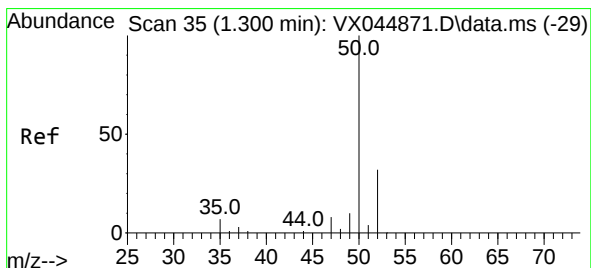
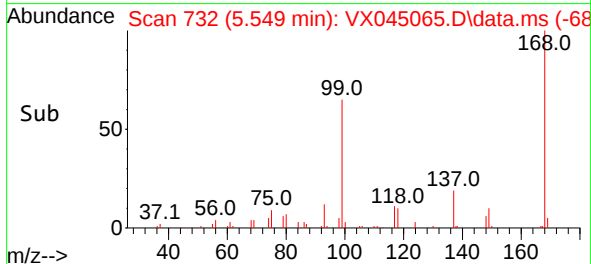
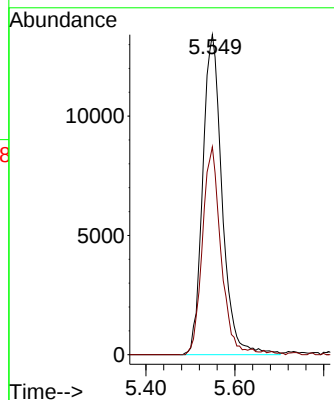
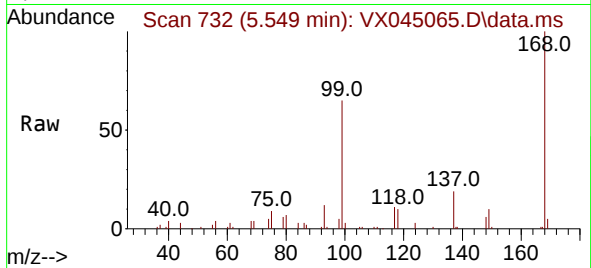




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX045065.D
Acq: 27 Feb 2025 16:05

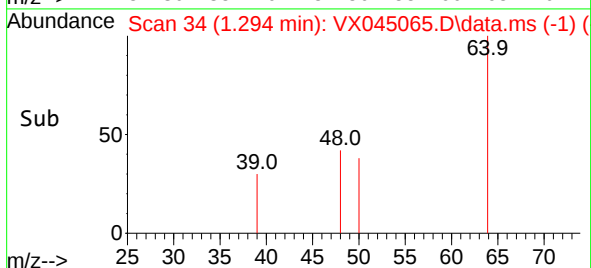
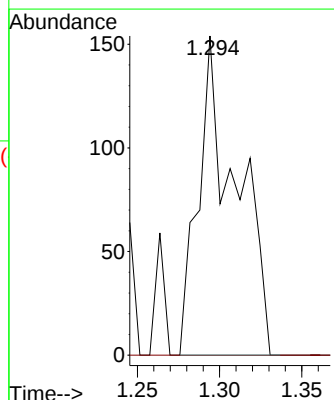
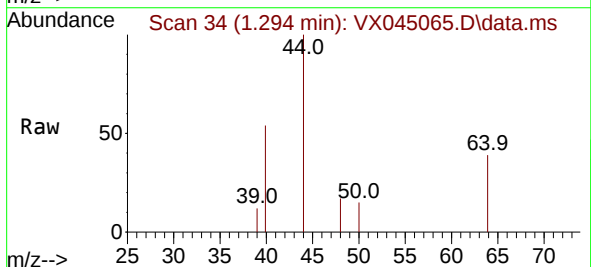
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

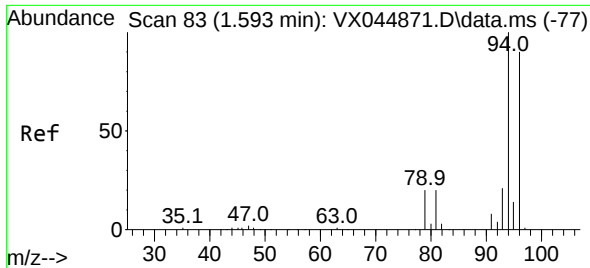
Tgt Ion:168 Resp: 40726
Ion Ratio Lower Upper
168 100
99 64.9 51.2 76.8



#3
Chloromethane
Concen: 0.355 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX045065.D
Acq: 27 Feb 2025 16:05

Tgt Ion: 50 Resp: 247
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

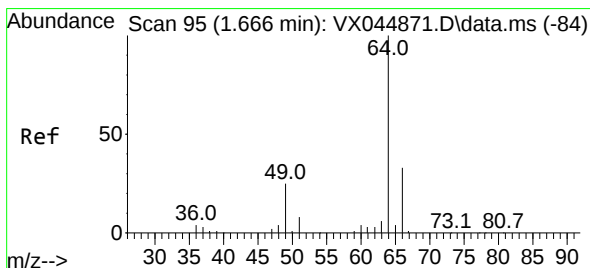
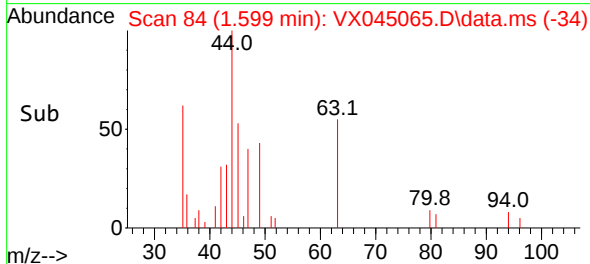
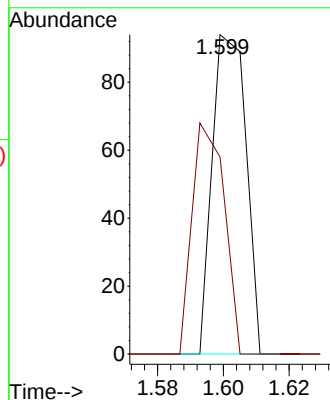
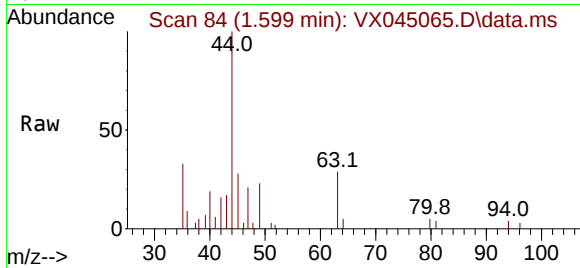




#5
Bromomethane
Concen: 0.332 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045065.D
Acq: 27 Feb 2025 16:05

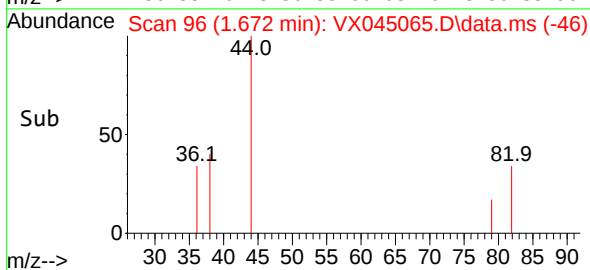
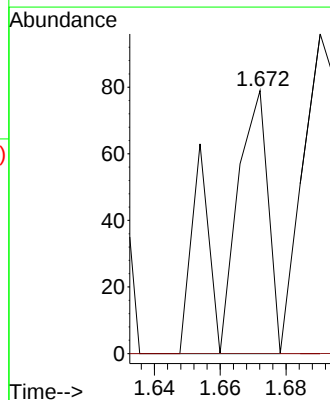
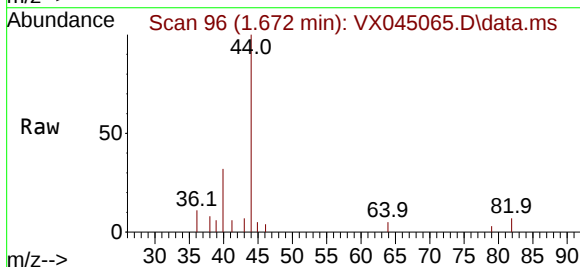
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

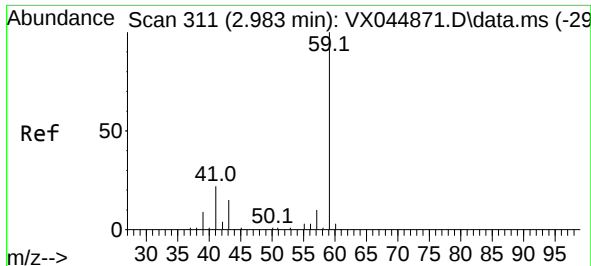
Tgt Ion: 94 Resp: 67
Ion Ratio Lower Upper
94 100
96 61.7 71.6 107.4#



#6
Chloroethane
Concen: 1.565 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX045065.D
Acq: 27 Feb 2025 16:05

Tgt Ion: 64 Resp: 73
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#

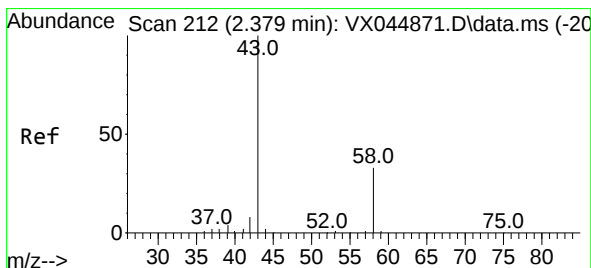
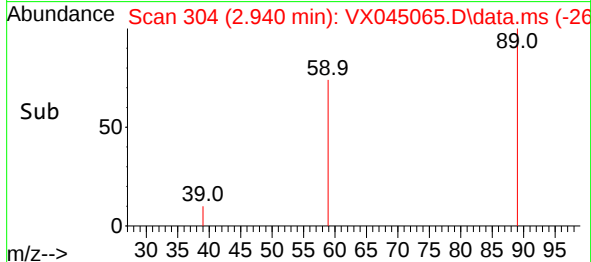
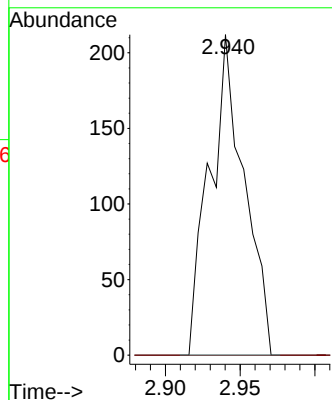
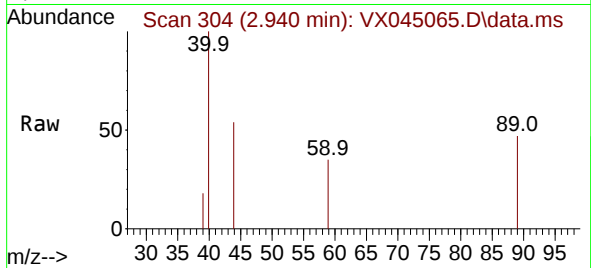




#11
Tert butyl alcohol
Concen: 3.083 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX045065.D
Acq: 27 Feb 2025 16:05

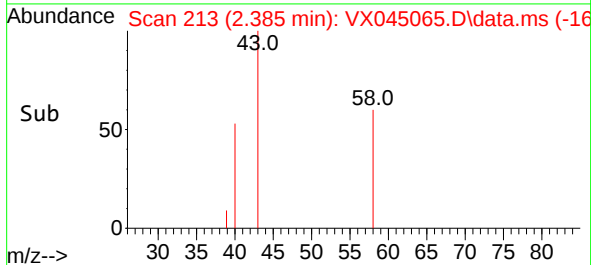
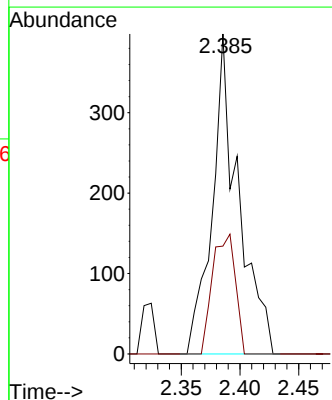
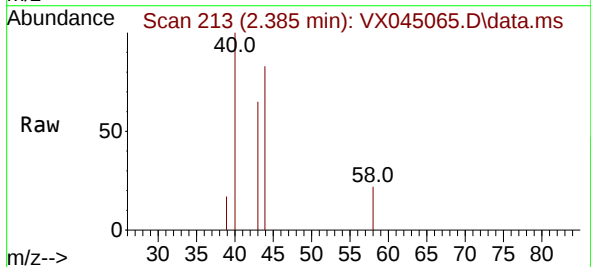
Instrument : MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

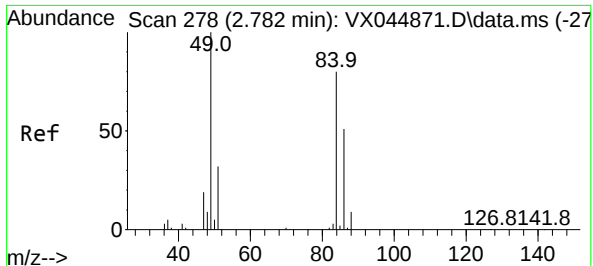
Tgt Ion: 59 Resp: 341
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 2.570 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX045065.D
Acq: 27 Feb 2025 16:05

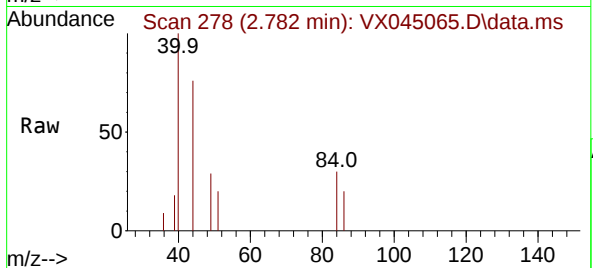
Tgt Ion: 43 Resp: 616
Ion Ratio Lower Upper
43 100
58 33.7 26.5 39.7



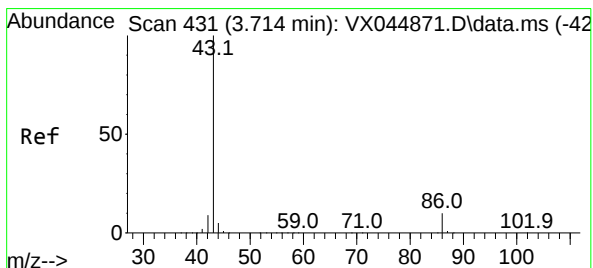
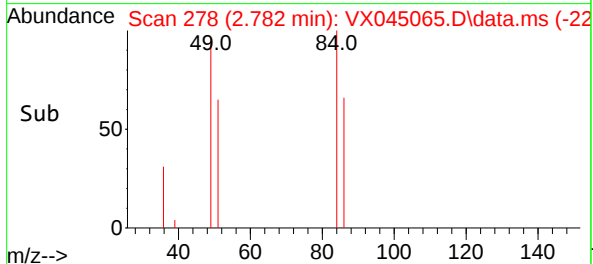
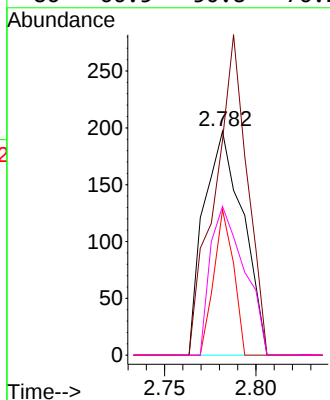


#20
Methylene Chloride
Concen: 0.501 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045065.D
Acq: 27 Feb 2025 16:05

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

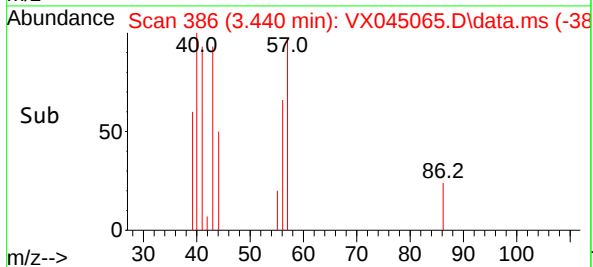
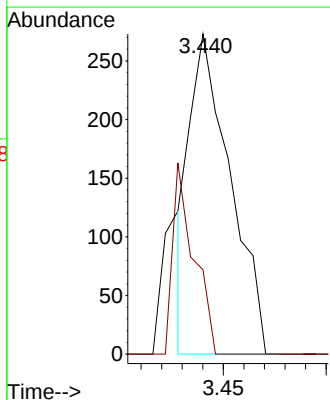
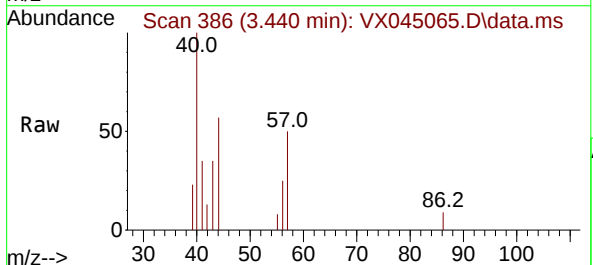


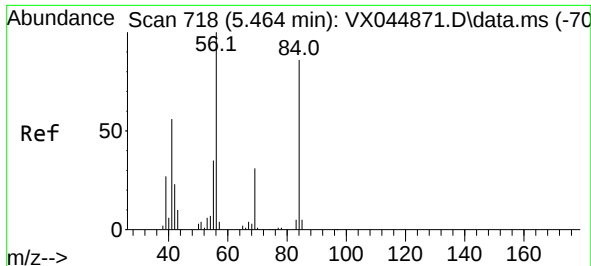
Tgt Ion:	84	Resp:	294
Ion	Ratio	Lower	Upper
84	100		
49	95.9	100.1	150.1#
51	65.0	31.7	47.5#
86	66.5	50.8	76.2



#23
Vinyl Acetate
Concen: 0.257 ug/l
RT: 3.440 min Scan# 386
Delta R.T. -0.274 min
Lab File: VX045065.D
Acq: 27 Feb 2025 16:05

Tgt Ion:	43	Resp:	376
Ion	Ratio	Lower	Upper
43	100		
86	26.4	8.3	12.5#

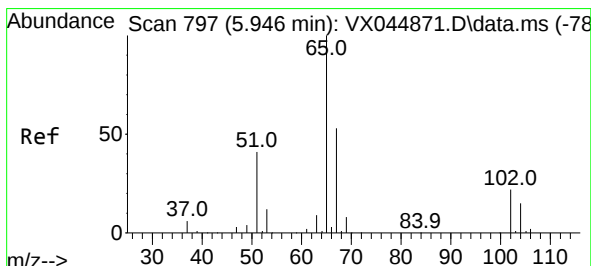
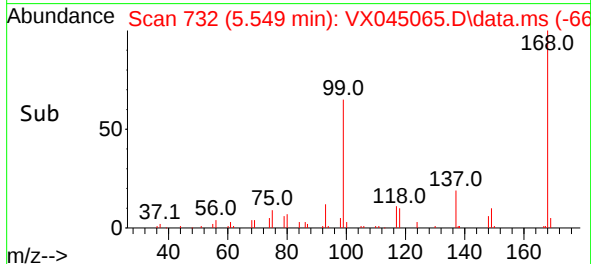
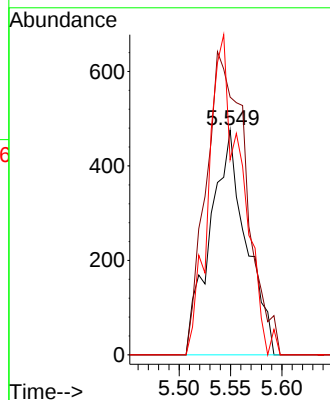
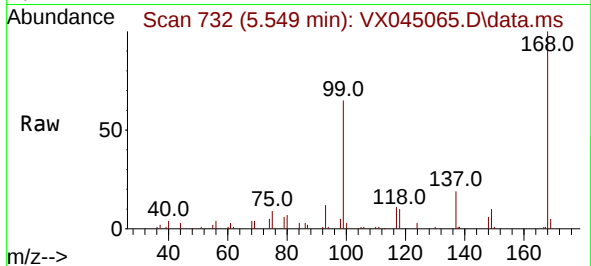




#31
Cyclohexane
Concen: 1.253 ug/l
RT: 5.549 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX045065.D
Acq: 27 Feb 2025 16:05

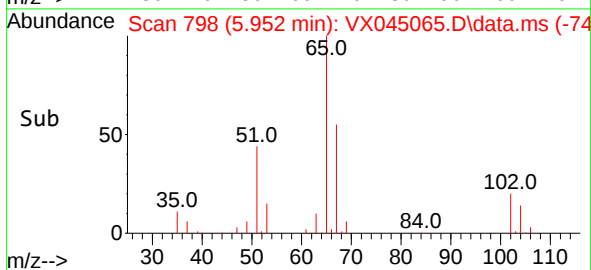
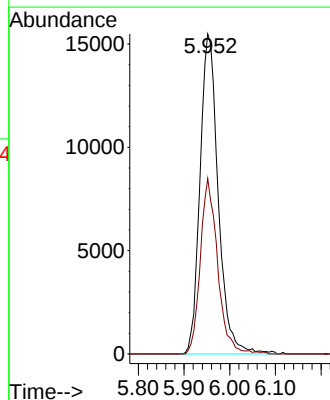
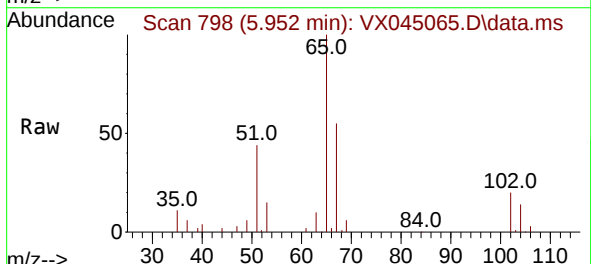
Instrument : MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

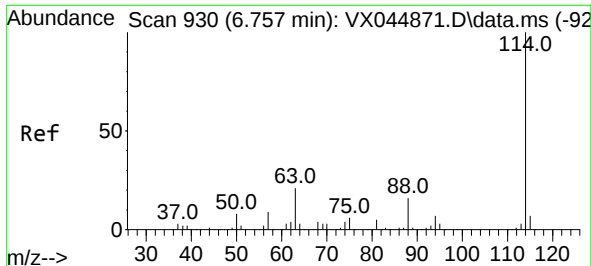
Tgt Ion: 56 Resp: 1160
Ion Ratio Lower Upper
56 100
69 114.7 24.4 36.6#
84 86.8 69.0 103.6



#33
1,2-Dichloroethane-d4
Concen: 71.897 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX045065.D
Acq: 27 Feb 2025 16:05

Tgt Ion: 65 Resp: 42862
Ion Ratio Lower Upper
65 100
67 52.2 0.0 108.2

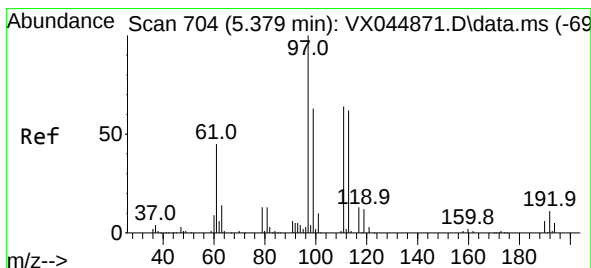
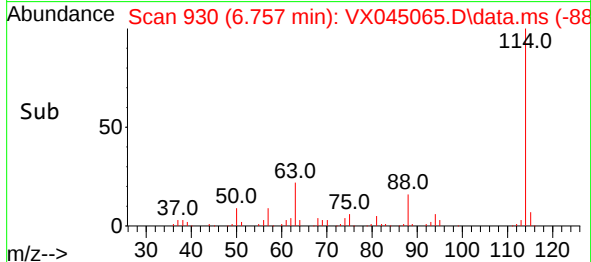
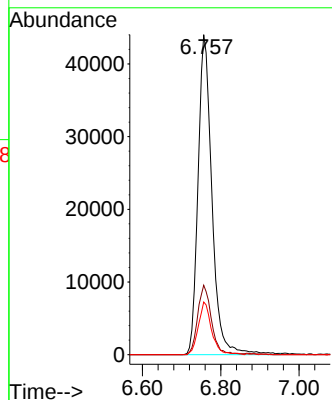
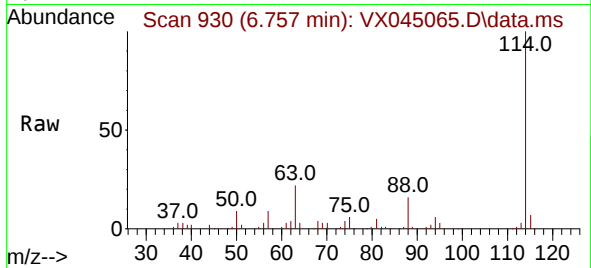




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX045065.D
Acq: 27 Feb 2025 16:05

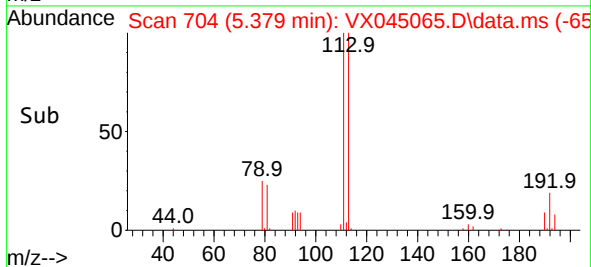
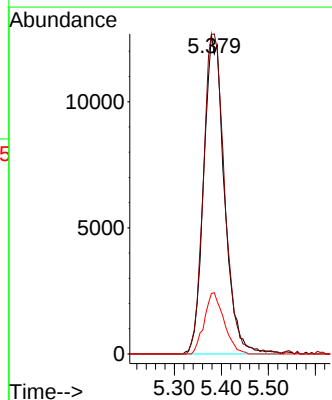
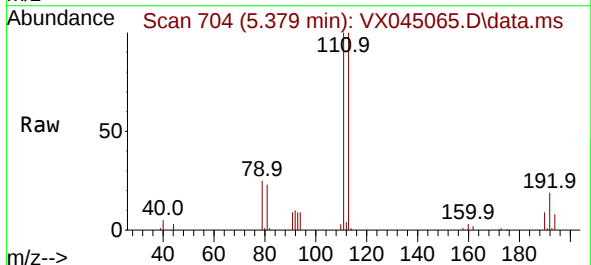
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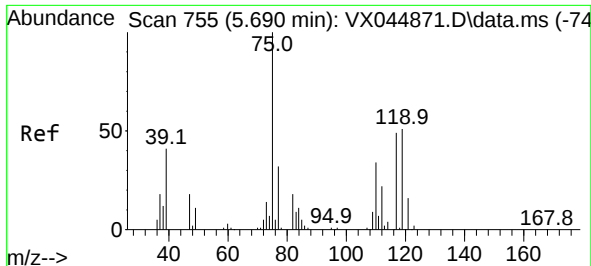
Tgt Ion:114 Resp: 109044
Ion Ratio Lower Upper
114 100
63 21.7 0.0 42.4
88 16.5 0.0 31.4



#35
Dibromofluoromethane
Concen: 54.450 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045065.D
Acq: 27 Feb 2025 16:05

Tgt Ion:113 Resp: 38603
Ion Ratio Lower Upper
113 100
111 103.1 83.5 125.3
192 18.3 14.4 21.6

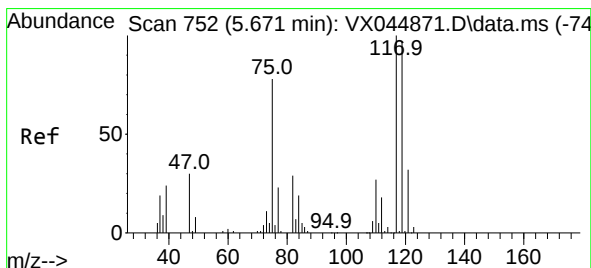
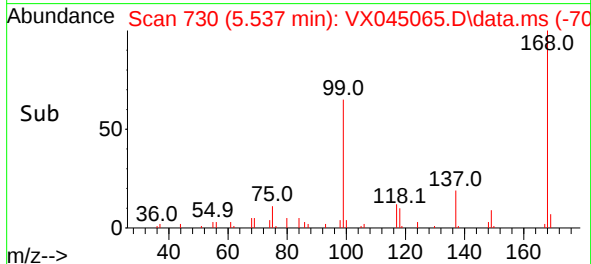
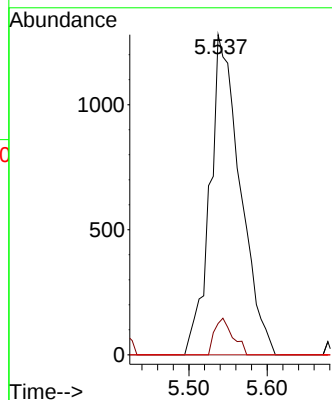
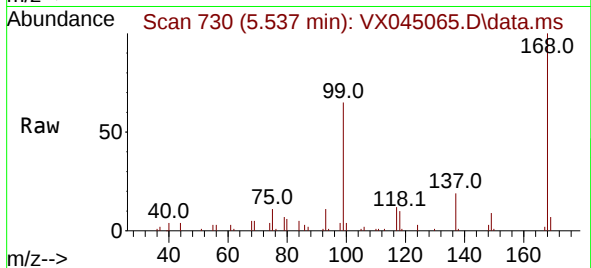




#36
1,1-Dichloropropene
Concen: 3.373 ug/l
RT: 5.537 min Scan# 710
Delta R.T. -0.152 min
Lab File: VX045065.D
Acq: 27 Feb 2025 16:05

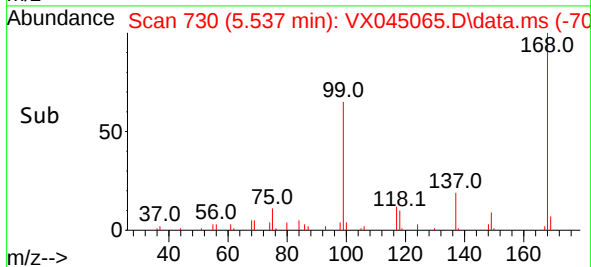
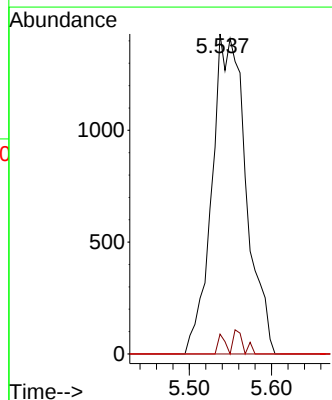
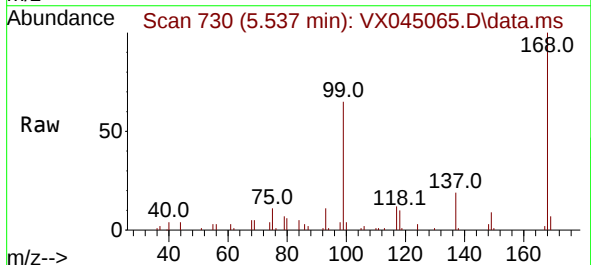
Instrument : MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

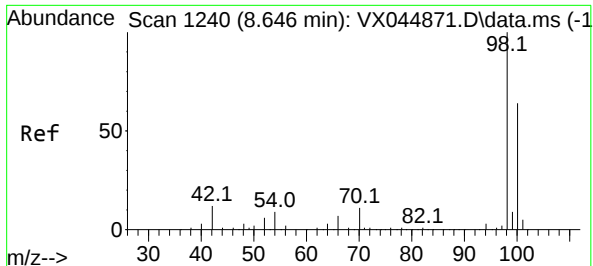
Tgt Ion: 75 Resp: 3450
Ion Ratio Lower Upper
75 100
110 6.8 17.2 51.6#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 4.119 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX045065.D
Acq: 27 Feb 2025 16:05

Tgt Ion:117 Resp: 4129
Ion Ratio Lower Upper
117 100
119 6.2 77.5 116.3#
121 0.0 25.6 38.4#





#50

Toluene-d8

Concen: 43.404 ug/l

RT: 8.646 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045065.D

Acq: 27 Feb 2025 16:05

Instrument :

MSVOA_X

ClientSampleId :

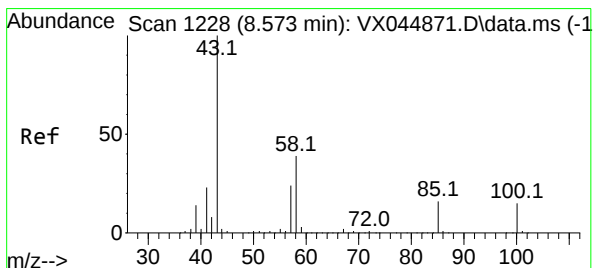
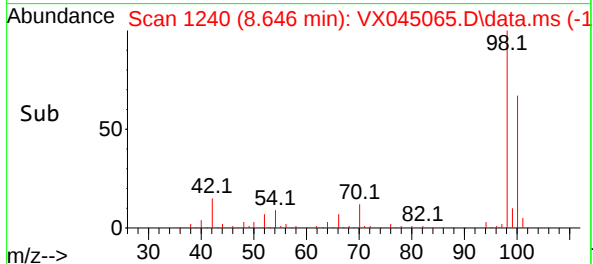
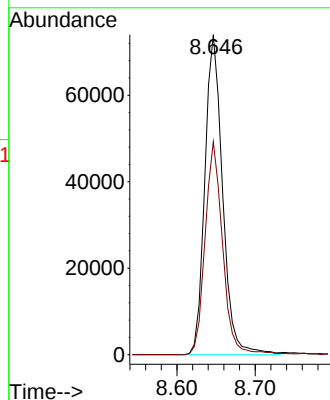
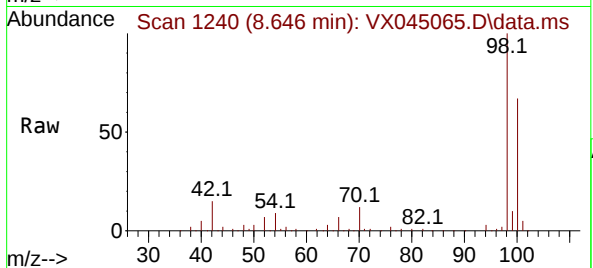
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 98 Resp: 116362

Ion Ratio Lower Upper

98 100

100 65.8 52.7 79.1



#51

4-Methyl-2-Pentanone

Concen: 0.500 ug/l

RT: 8.640 min Scan# 1239

Delta R.T. 0.067 min

Lab File: VX045065.D

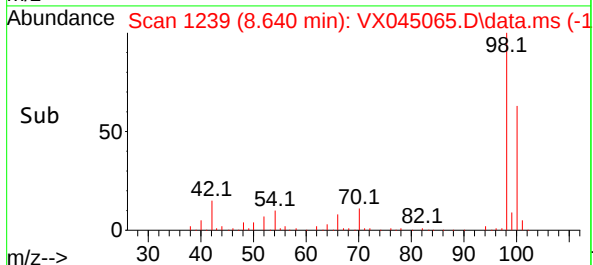
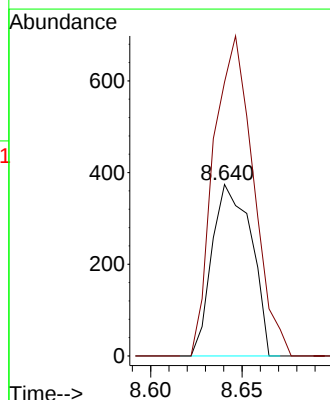
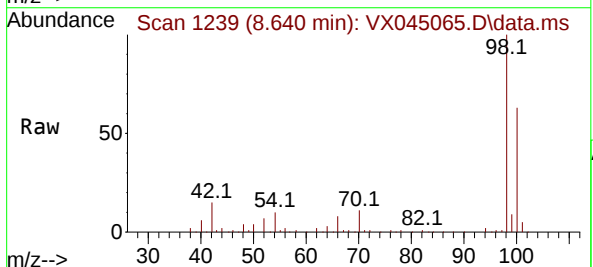
Acq: 27 Feb 2025 16:05

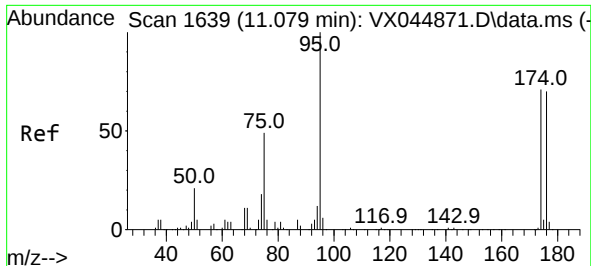
Tgt Ion: 43 Resp: 559

Ion Ratio Lower Upper

43 100

58 188.6 30.8 46.2#

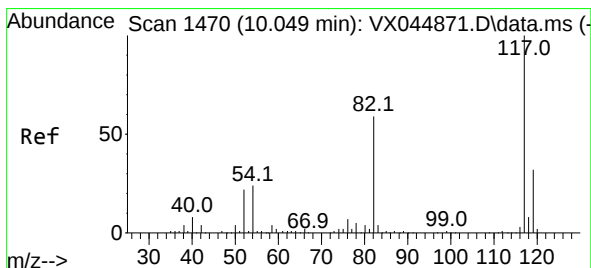
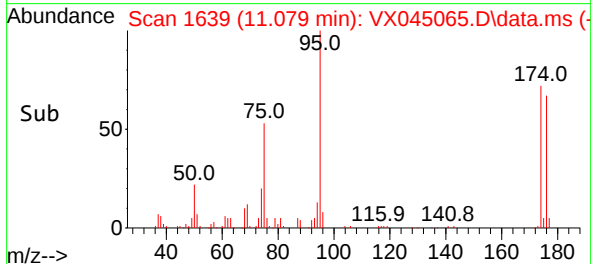
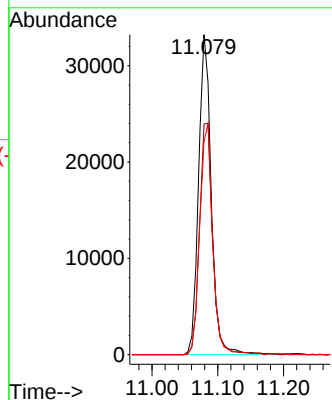
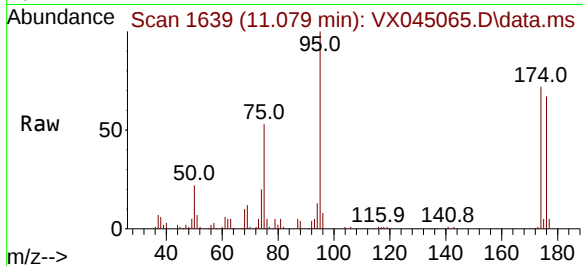




#62
4-Bromofluorobenzene
Concen: 49.171 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045065.D
Acq: 27 Feb 2025 16:05

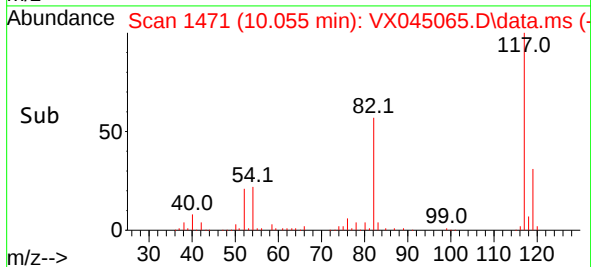
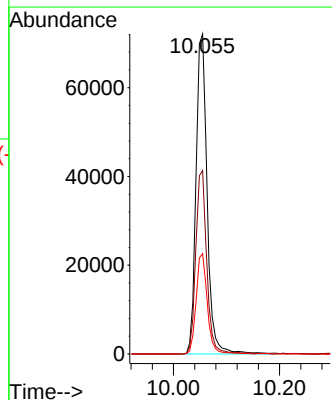
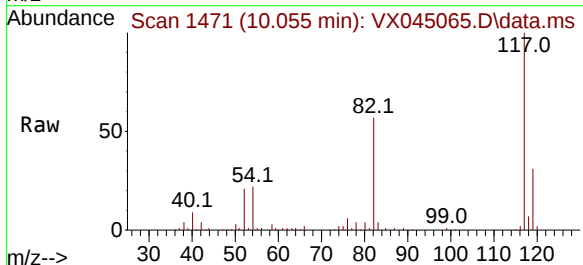
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

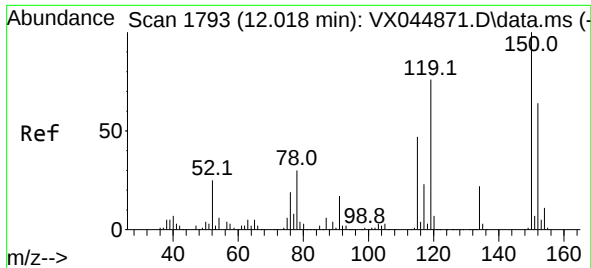
Tgt Ion: 95 Resp: 44440
Ion Ratio Lower Upper
95 100
174 75.4 0.0 142.6
176 73.2 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045065.D
Acq: 27 Feb 2025 16:05

Tgt Ion: 117 Resp: 105129
Ion Ratio Lower Upper
117 100
82 57.3 47.5 71.3
119 31.3 25.4 38.0

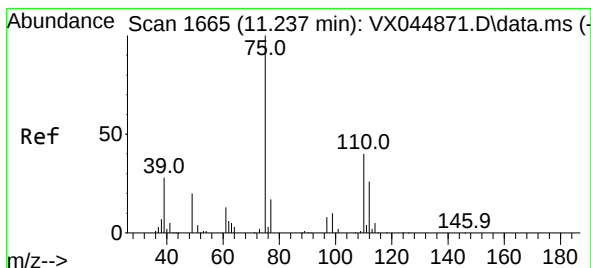
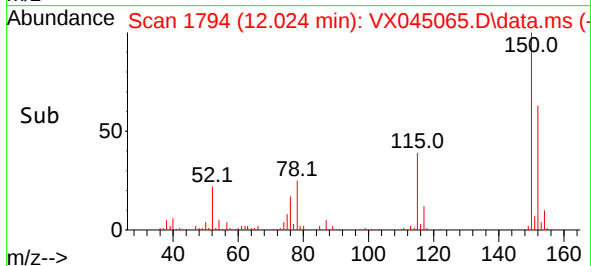
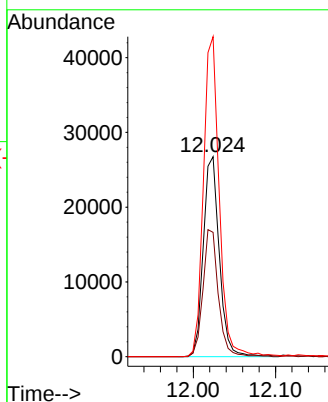
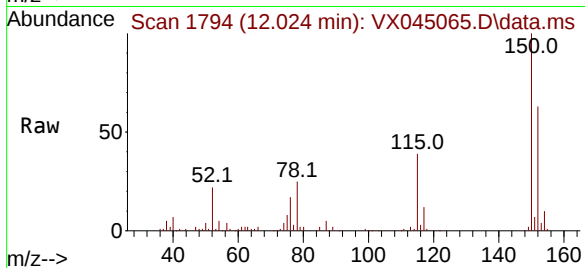




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX045065.D
 Acq: 27 Feb 2025 16:05

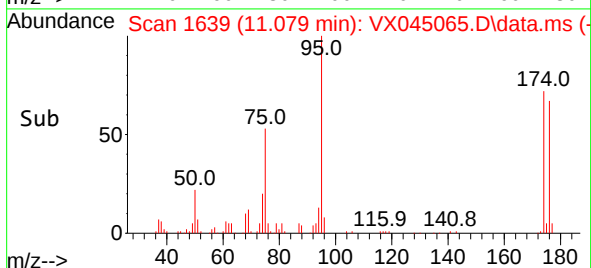
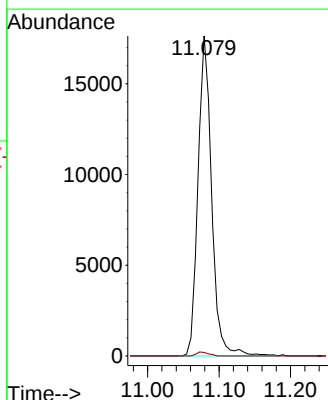
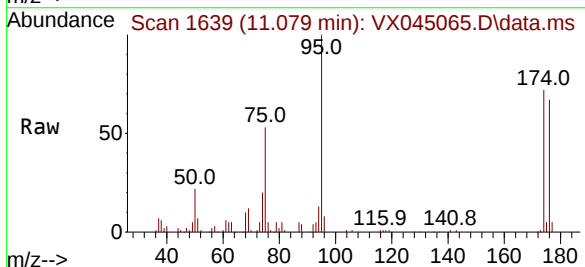
Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SAMPLE-MANAGEMENT

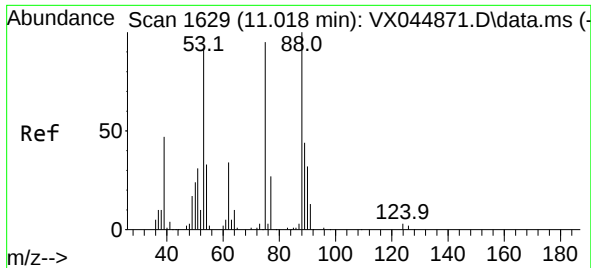
Tgt Ion:152 Resp: 36294
 Ion Ratio Lower Upper
 152 100
 115 60.9 43.4 130.1
 150 157.5 0.0 350.4



#76
 1,2,3-Trichloropropane
 Concen: 29.042 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX045065.D
 Acq: 27 Feb 2025 16:05

Tgt Ion: 75 Resp: 23370
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.9 65.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 74.708 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045065.D
Acq: 27 Feb 2025 16:05

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

Tgt Ion: 75 Resp: 23370
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 36.6 54.8#

