

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045556.D
 Acq On : 02 Apr 2025 18:47
 Operator : JC/MD
 Sample : Q1623-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Apr 03 01:58:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

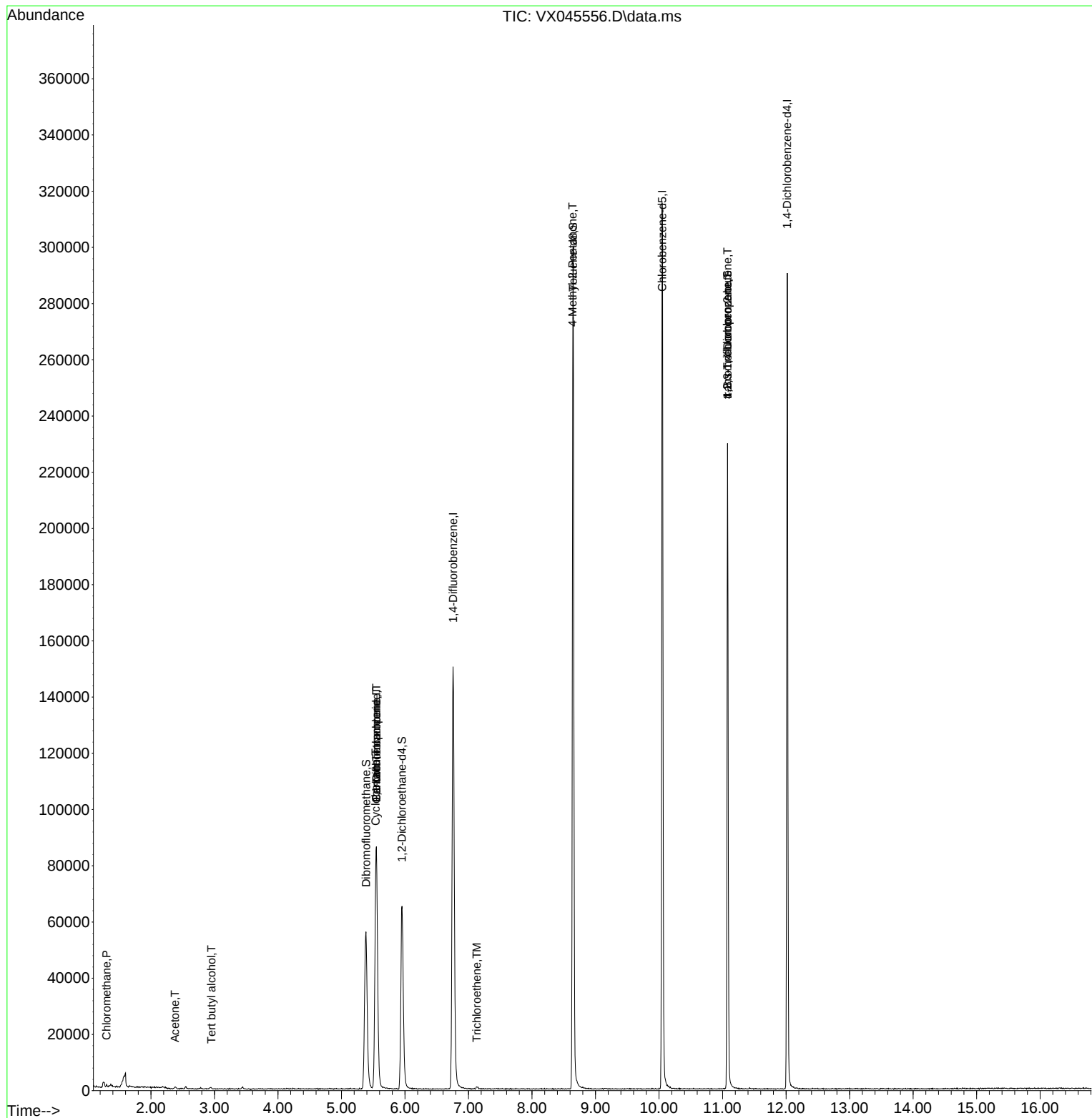
Internal Standards						
1) Pentafluorobenzene	5.550	168	74976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	143570	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	130411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65265	47.600	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.200%
35) Dibromofluoromethane	5.385	113	48146	47.265	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.540%
50) Toluene-d8	8.647	98	167704	47.169	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.340%
62) 4-Bromofluorobenzene	11.079	95	58948	45.517	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.040%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	782	0.679	ug/l	97
11) Tert butyl alcohol	2.952	59	120	0.651	ug/l #	72
16) Acetone	2.379	43	624	1.108	ug/l	93
31) Cyclohexane	5.537	56	2436	1.448	ug/l #	50
36) 1,1-Dichloropropene	5.550	75	7212	5.244	ug/l #	46
38) Carbon Tetrachloride	5.550	117	8655	5.823	ug/l #	15
44) Trichloroethene	7.129	130	372	0.373	ug/l	48
51) 4-Methyl-2-Pentanone	8.640	43	953	0.547	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33454	25.651	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33454	87.056	ug/l #	1

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

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Storage-Blank-SAMPLE-MANAGEMENT

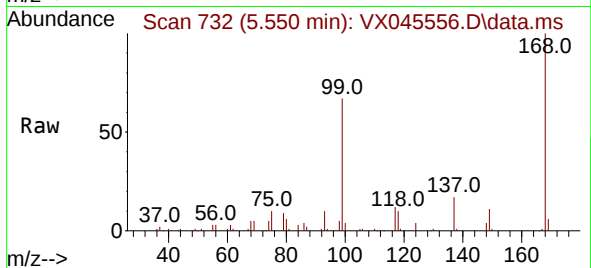
Quant Time: Apr 03 01:58:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
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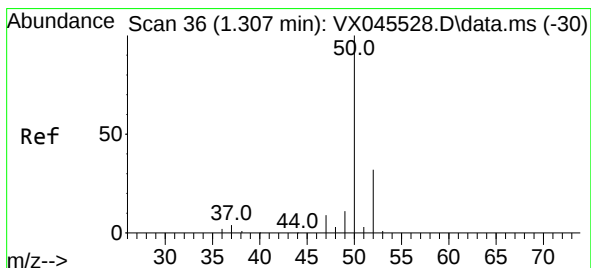
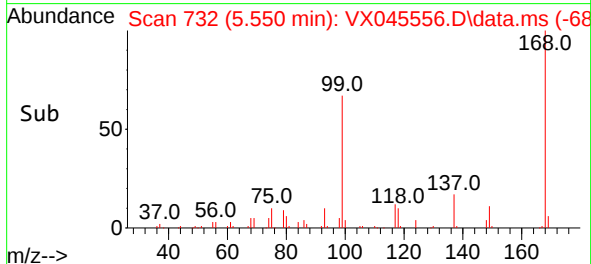
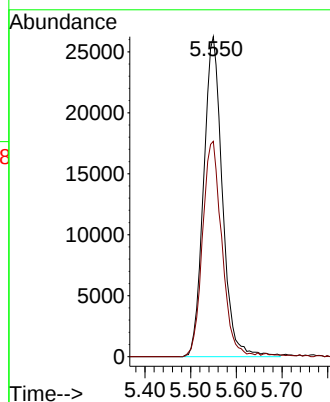


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045556.D
Acq: 02 Apr 2025 18:47

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

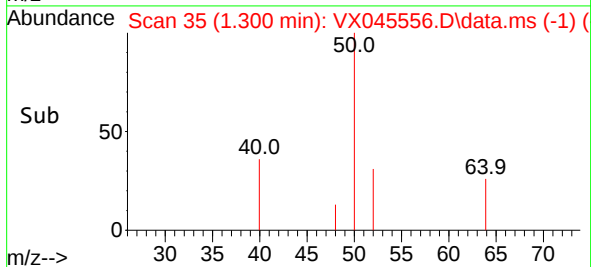
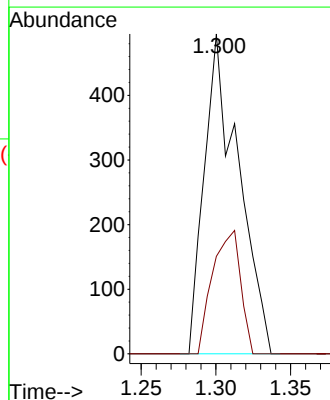
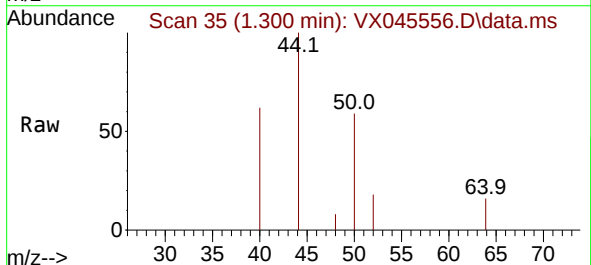


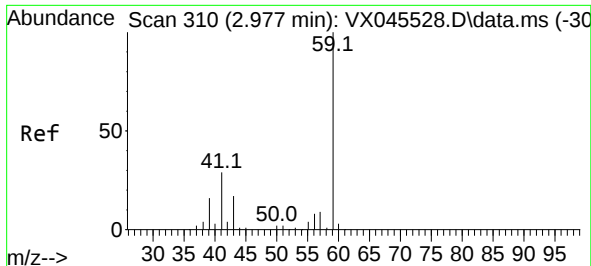
Tgt Ion:168 Resp: 74976
Ion Ratio Lower Upper
168 100
99 67.3 52.3 78.5



#3
Chloromethane
Concen: 0.679 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045556.D
Acq: 02 Apr 2025 18:47

Tgt Ion: 50 Resp: 782
Ion Ratio Lower Upper
50 100
52 30.5 25.9 38.9





#11

Tert butyl alcohol

Concen: 0.651 ug/l

RT: 2.952 min Scan# 30

Delta R.T. -0.025 min

Lab File: VX045556.D

Acq: 02 Apr 2025 18:47

Instrument :

MSVOA_X

ClientSampleId :

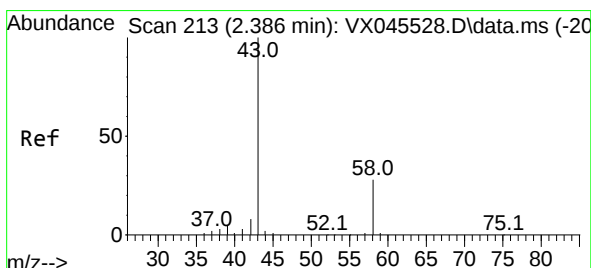
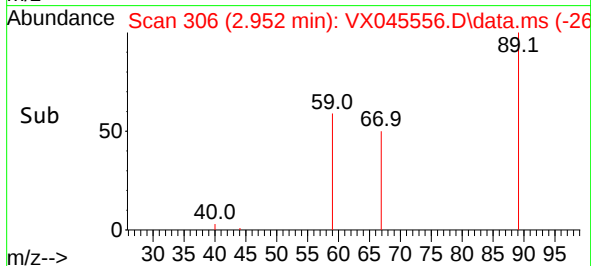
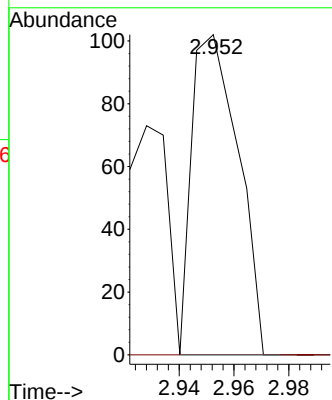
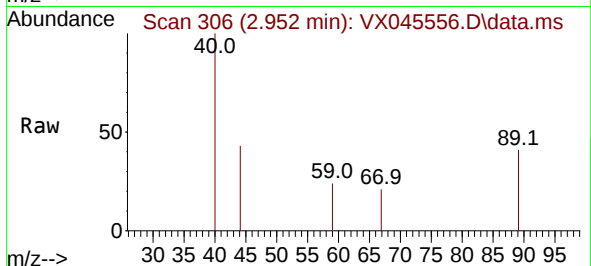
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 59 Resp: 120

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#16

Acetone

Concen: 1.108 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX045556.D

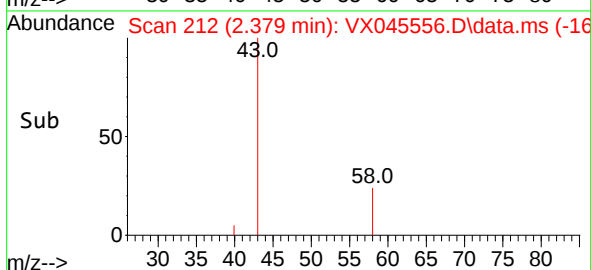
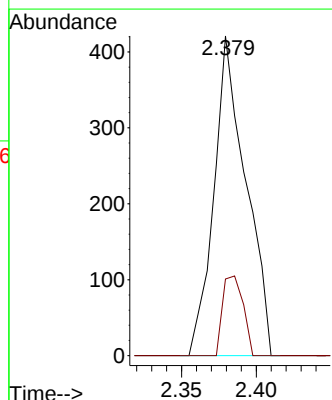
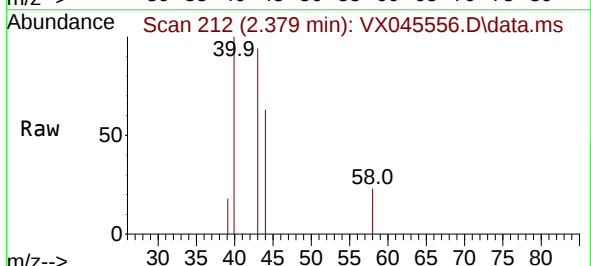
Acq: 02 Apr 2025 18:47

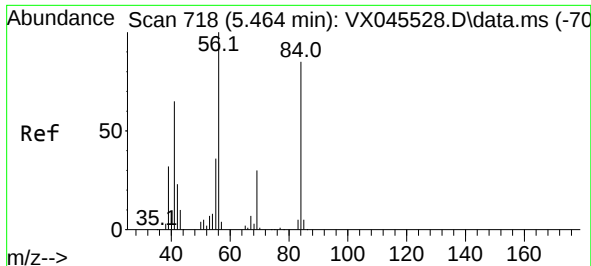
Tgt Ion: 43 Resp: 624

Ion Ratio Lower Upper

43 100

58 24.0 22.3 33.5

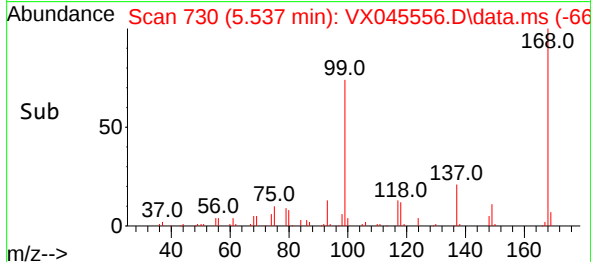
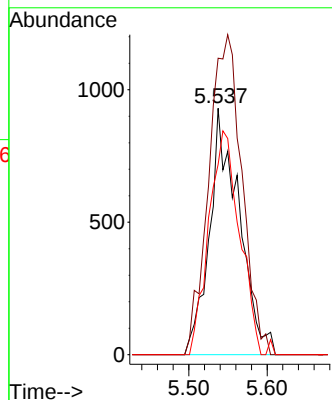
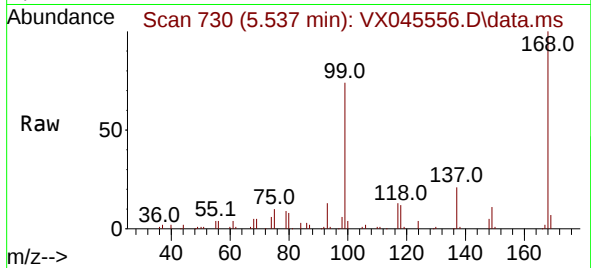




#31
Cyclohexane
Concen: 1.448 ug/l
RT: 5.537 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX045556.D
Acq: 02 Apr 2025 18:47

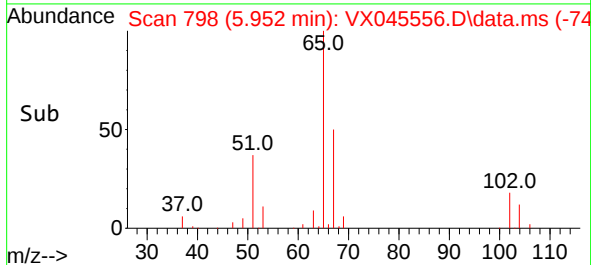
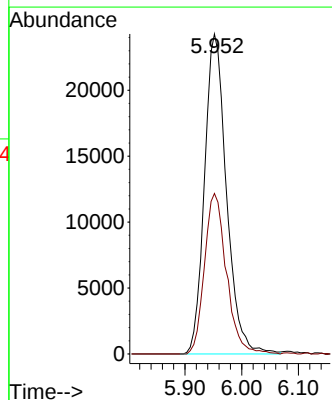
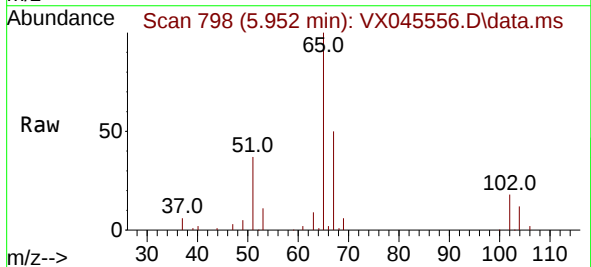
Instrument : MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

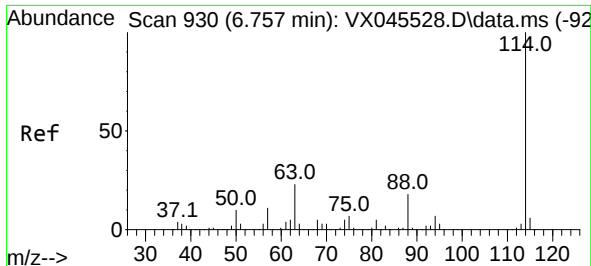
Tgt Ion: 56 Resp: 2436
Ion Ratio Lower Upper
56 100
69 120.3 23.6 35.4#
84 77.2 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 47.600 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045556.D
Acq: 02 Apr 2025 18:47

Tgt Ion: 65 Resp: 65265
Ion Ratio Lower Upper
65 100
67 50.2 0.0 99.0

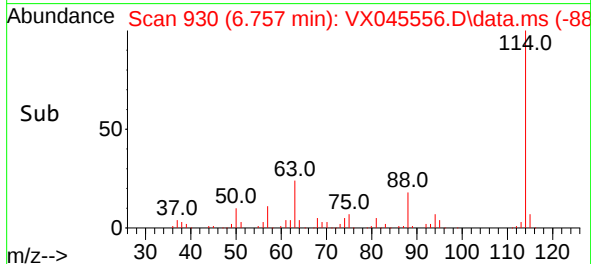
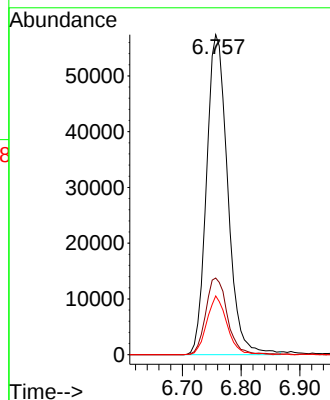
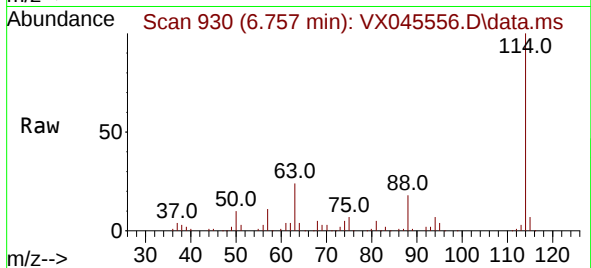




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045556.D
Acq: 02 Apr 2025 18:47

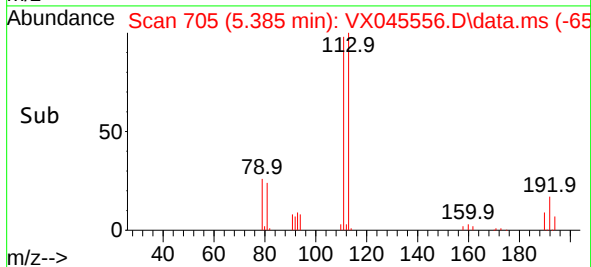
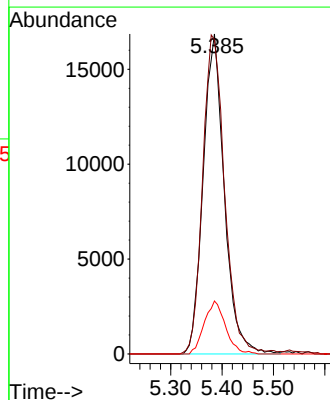
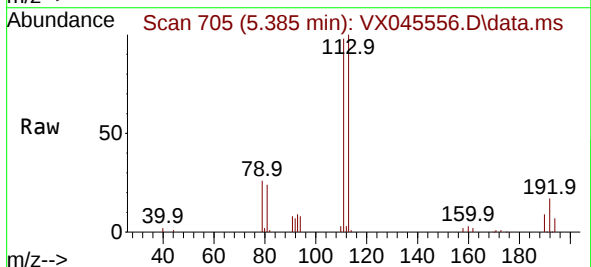
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

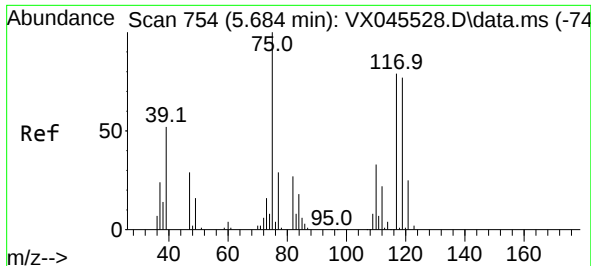
Tgt Ion:114 Resp: 143570
Ion Ratio Lower Upper
114 100
63 23.9 0.0 46.8
88 18.3 0.0 35.4



#35
Dibromofluoromethane
Concen: 47.265 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045556.D
Acq: 02 Apr 2025 18:47

Tgt Ion:113 Resp: 48146
Ion Ratio Lower Upper
113 100
111 103.5 81.8 122.6
192 16.6 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.244 ug/l

RT: 5.550 min Scan# 712

Delta R.T. -0.134 min

Lab File: VX045556.D

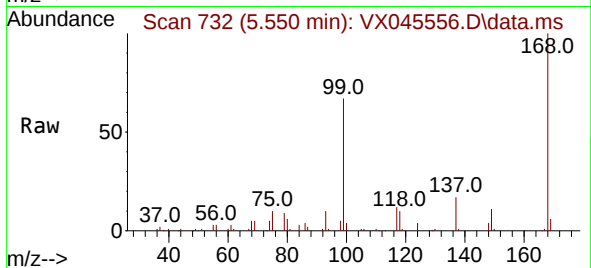
Acq: 02 Apr 2025 18:47

Instrument :

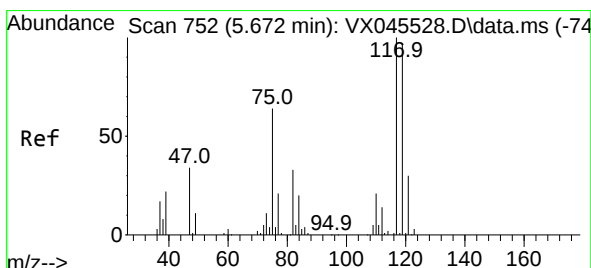
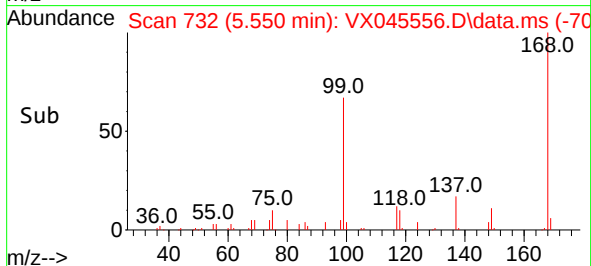
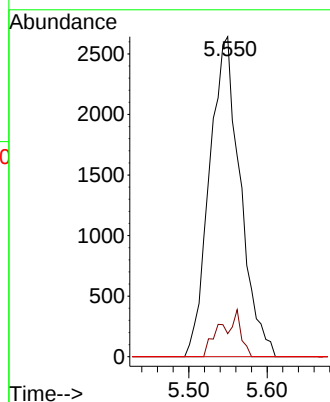
MSVOA_X

ClientSampleId :

Storage-Blank-SAMPLE-MANAGEMENT



Tgt Ion: 75	Resp: 7212
Ion Ratio	Lower Upper
75	100
110	4.3 16.9 50.6#
77	0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.823 ug/l

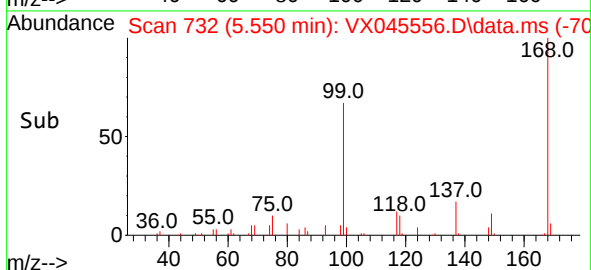
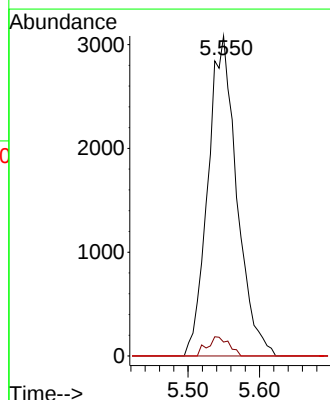
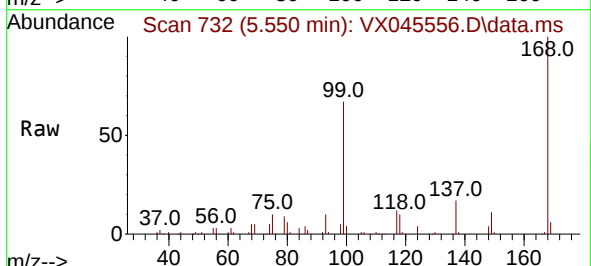
RT: 5.550 min Scan# 732

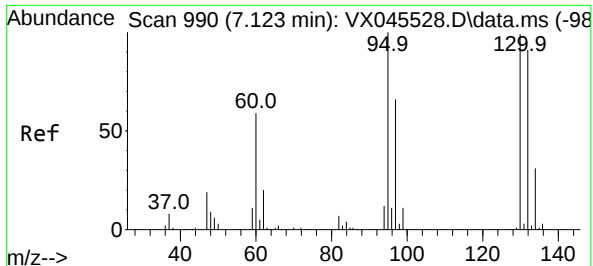
Delta R.T. -0.122 min

Lab File: VX045556.D

Acq: 02 Apr 2025 18:47

Tgt Ion: 117	Resp: 8655
Ion Ratio	Lower Upper
117	100
119	4.4 76.9 115.3#
121	0.0 24.2 36.2#

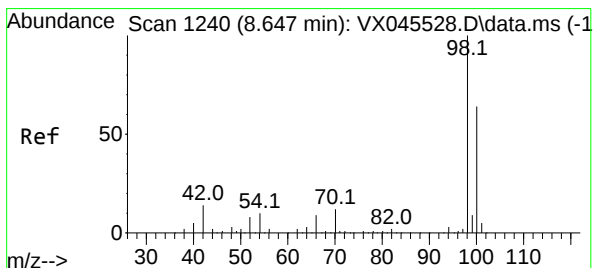
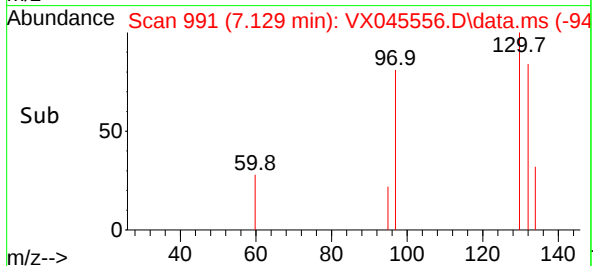
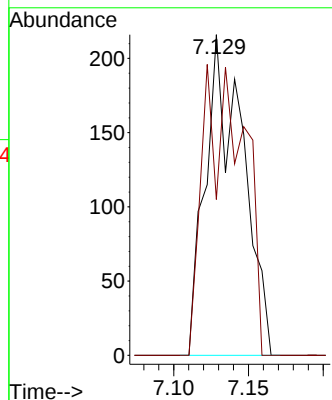
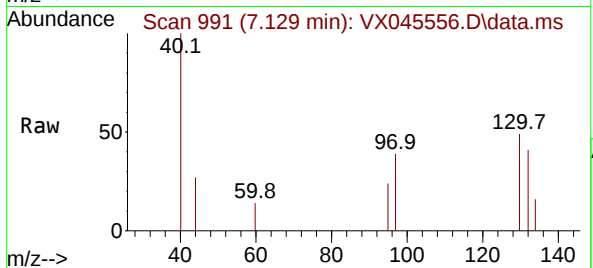




#44
 Trichloroethene
 Concen: 0.373 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX045556.D
 Acq: 02 Apr 2025 18:47

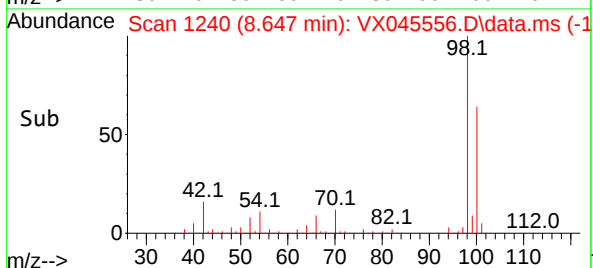
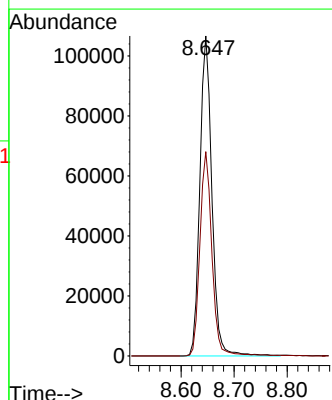
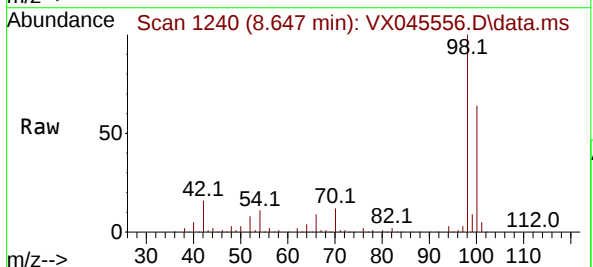
Instrument :
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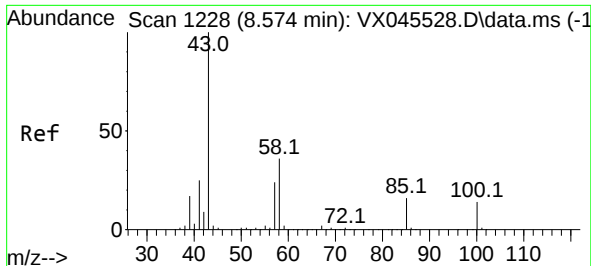
Tgt Ion:130 Resp: 372
 Ion Ratio Lower Upper
 130 100
 95 48.6 0.0 202.0



#50
 Toluene-d8
 Concen: 47.169 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.000 min
 Lab File: VX045556.D
 Acq: 02 Apr 2025 18:47

Tgt Ion: 98 Resp: 167704
 Ion Ratio Lower Upper
 98 100
 100 63.8 52.2 78.4

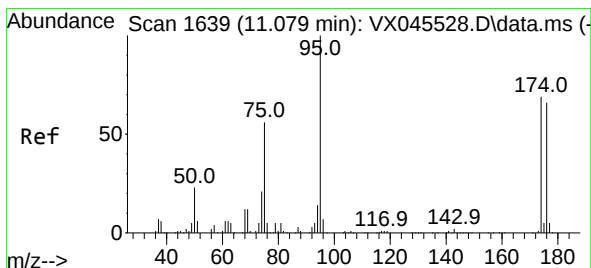
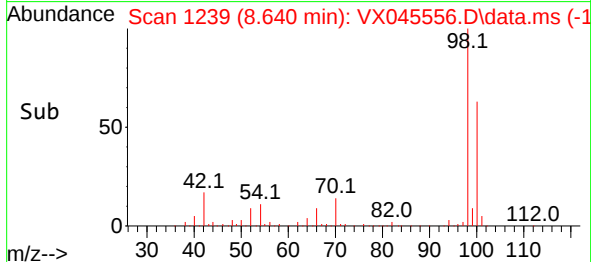
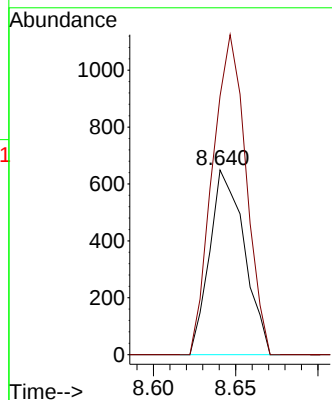
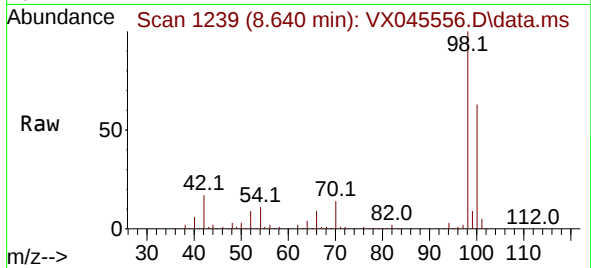




#51
4-Methyl-2-Pentanone
Concen: 0.547 ug/l
RT: 8.640 min Scan# 1228
Delta R.T. 0.067 min
Lab File: VX045556.D
Acq: 02 Apr 2025 18:47

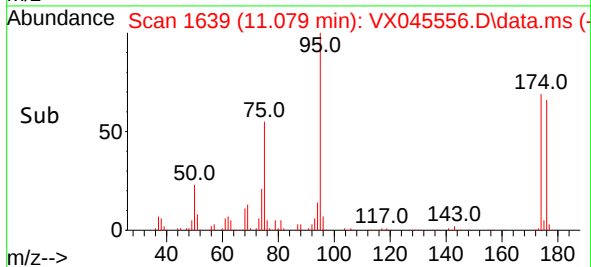
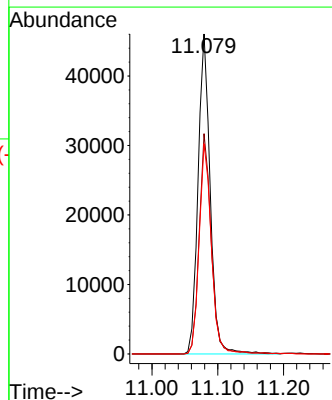
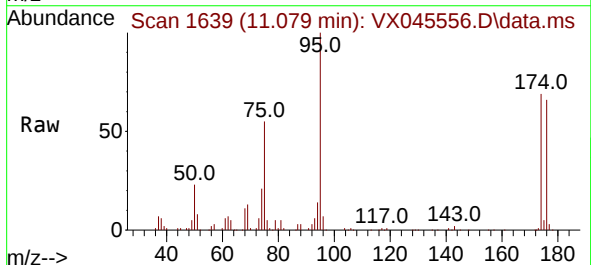
Instrument : MSVOA_X
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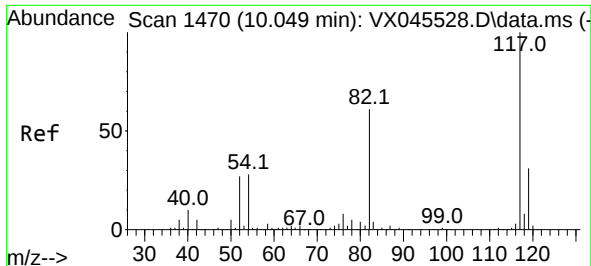
Tgt Ion: 43 Resp: 953
Ion Ratio Lower Upper
43 100
58 167.5 28.5 42.7#



#62
4-Bromofluorobenzene
Concen: 45.517 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045556.D
Acq: 02 Apr 2025 18:47

Tgt Ion: 95 Resp: 58948
Ion Ratio Lower Upper
95 100
174 68.8 0.0 135.8
176 66.1 0.0 131.4

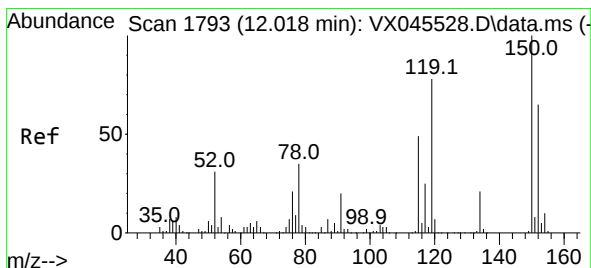
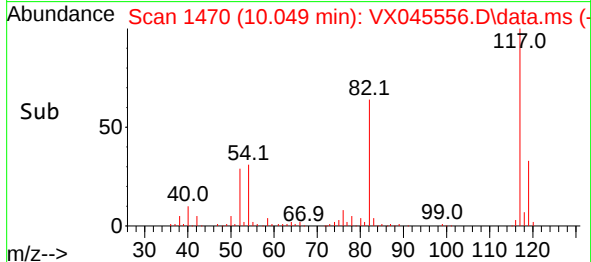
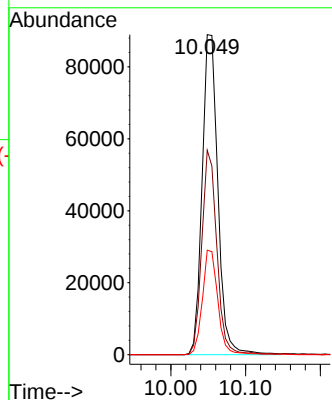
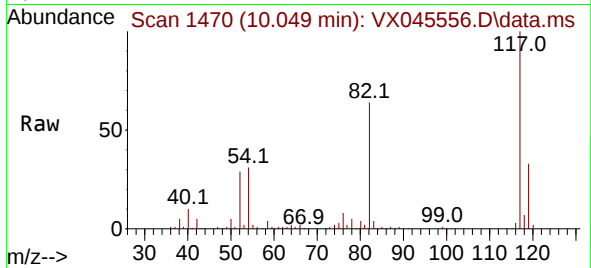




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045556.D
Acq: 02 Apr 2025 18:47

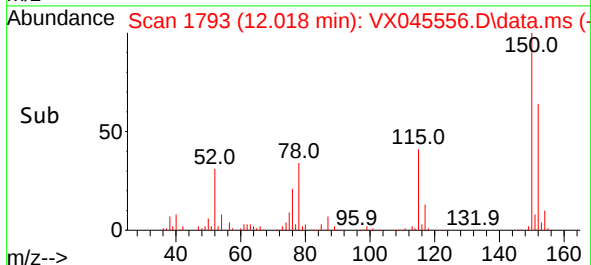
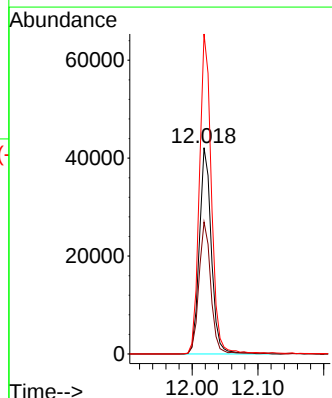
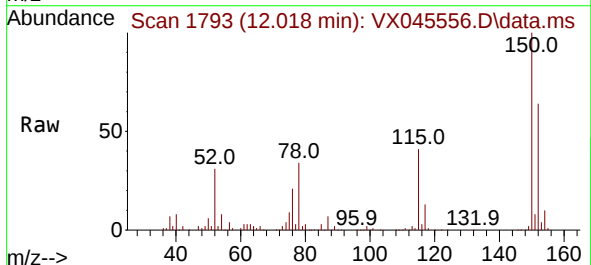
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SAMPLE-MANAGEMENT

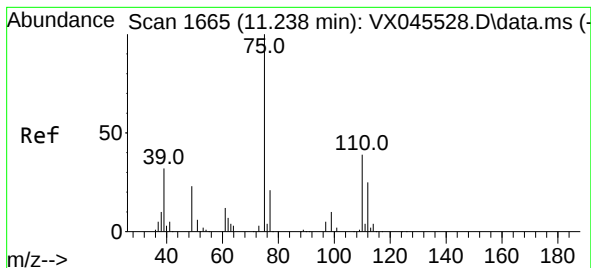
Tgt Ion:117 Resp: 130411
Ion Ratio Lower Upper
117 100
82 63.9 49.2 73.8
119 32.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045556.D
Acq: 02 Apr 2025 18:47

Tgt Ion:152 Resp: 53468
Ion Ratio Lower Upper
152 100
115 63.3 46.9 140.7
150 155.0 0.0 349.4





#76

1,2,3-Trichloropropane

Concen: 25.651 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX045556.D

Acq: 02 Apr 2025 18:47

Instrument :

MSVOA_X

ClientSampleId :

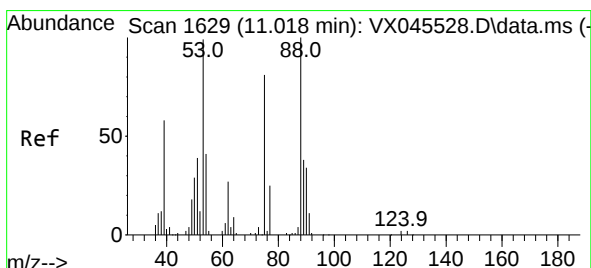
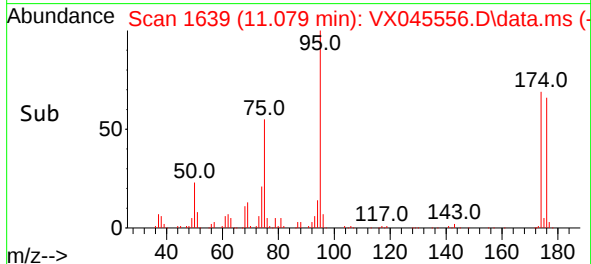
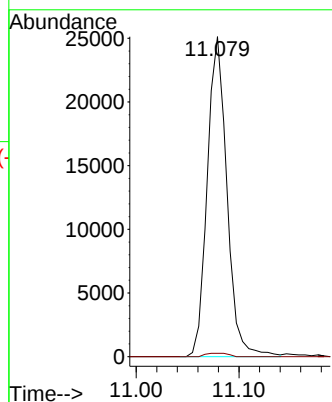
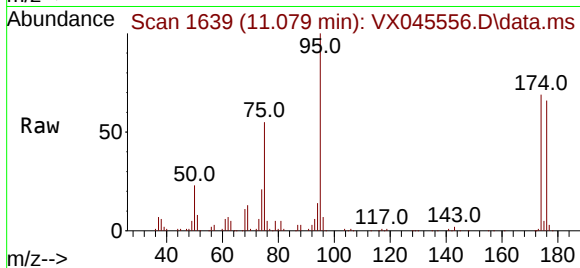
Storage-Blank-SAMPLE-MANAGEMENT

Tgt Ion: 75 Resp: 33454

Ion Ratio Lower Upper

75 100

77 1.2 20.0 59.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 87.056 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX045556.D

Acq: 02 Apr 2025 18:47

Tgt Ion: 75 Resp: 33454

Ion Ratio Lower Upper

75 100

53 0.0 101.8 152.6#

89 0.0 37.2 55.8#

