

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045542.D
 Acq On : 02 Apr 2025 13:21
 Operator : JC/MD
 Sample : Q1697-01DL 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19B-72-040125DL

Quant Time: Apr 03 01:51:00 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)

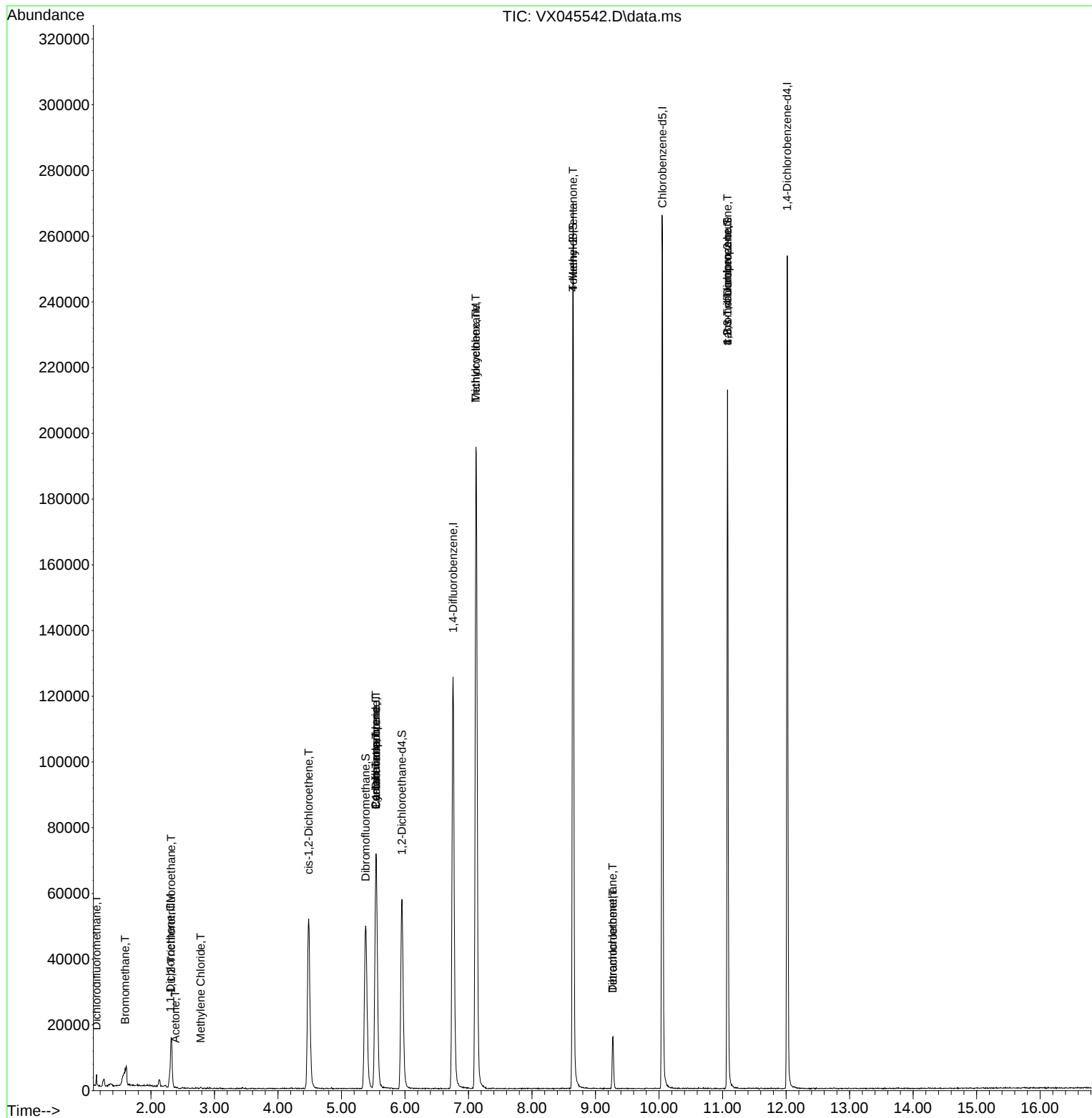
Internal Standards						
1) Pentafluorobenzene	5.544	168	61305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	119039	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58149	51.867	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.740%	
35) Dibromofluoromethane	5.379	113	43629	51.657	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.320%	
50) Toluene-d8	8.647	98	148923	50.518	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.040%	
62) 4-Bromofluorobenzene	11.079	95	54652	50.897	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.800%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.142	85	285	0.311	ug/l	85
5) Bromomethane	1.593	94	85	0.208	ug/l #	3
9) 1,1,2-Trichlorotrifluo...	2.319	101	5707	7.577	ug/l	94
12) 1,1-Dichloroethene	2.307	96	382	0.519	ug/l #	56
16) Acetone	2.386	43	360	0.782	ug/l #	47
20) Methylene Chloride	2.782	84	231	0.268	ug/l #	38
27) cis-1,2-Dichloroethene	4.483	96	31539	34.430	ug/l	89
31) Cyclohexane	5.544	56	1869	1.359	ug/l #	16
36) 1,1-Dichloropropene	5.544	75	6284	5.511	ug/l #	45
38) Carbon Tetrachloride	5.544	117	6939	5.630	ug/l #	18
39) Methylcyclohexane	7.117	83	1114	0.797	ug/l #	1
44) Trichloroethene	7.117	130	71796	86.731	ug/l	91
51) 4-Methyl-2-Pentanone	8.647	43	900	0.623	ug/l #	1
60) Dibromochloromethane	9.269	129	3019	3.298	ug/l #	10
64) Tetrachloroethene	9.275	164	3112	3.931	ug/l #	82
76) 1,2,3-Trichloropropane	11.079	75	31507	27.528	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	31507	93.427	ug/l #	1

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

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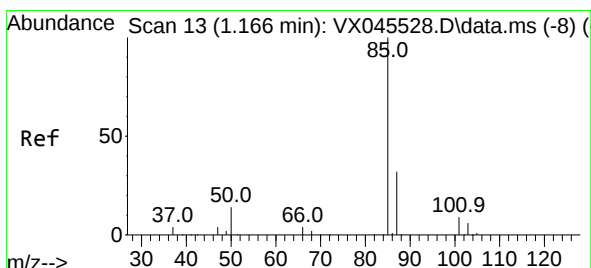
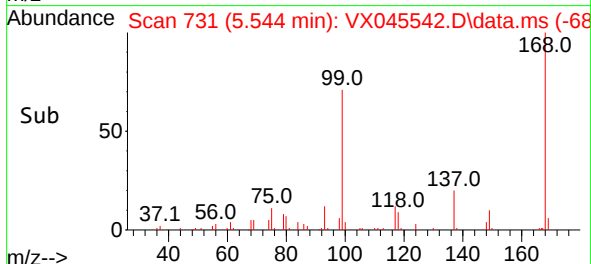
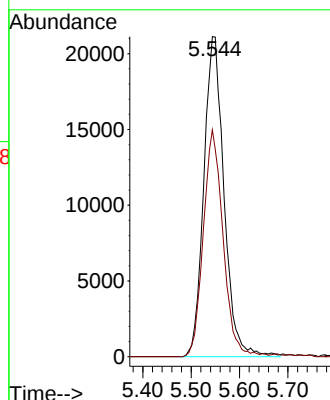
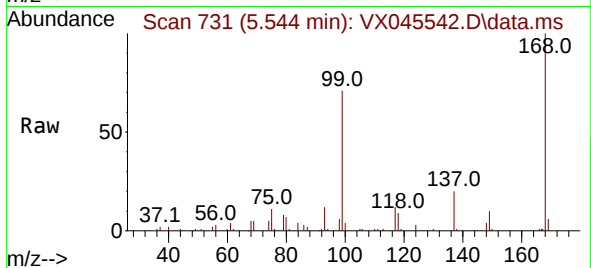




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045542.D
Acq: 02 Apr 2025 13:21

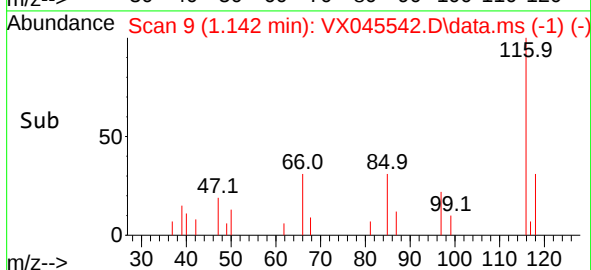
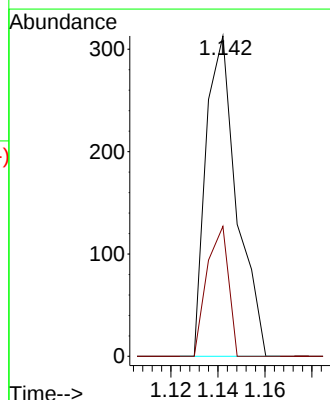
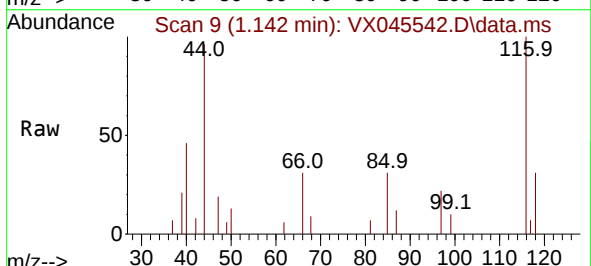
Instrument :
MSVOA_X
ClientSampleId :
MW-19B-72-040125DL

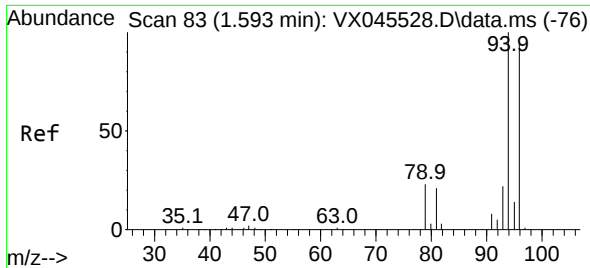
Tgt Ion:168 Resp: 61305
Ion Ratio Lower Upper
168 100
99 70.9 52.3 78.5



#2
Dichlorodifluoromethane
Concen: 0.311 ug/l
RT: 1.142 min Scan# 9
Delta R.T. -0.024 min
Lab File: VX045542.D
Acq: 02 Apr 2025 13:21

Tgt Ion: 85 Resp: 285
Ion Ratio Lower Upper
85 100
87 40.6 16.1 48.2

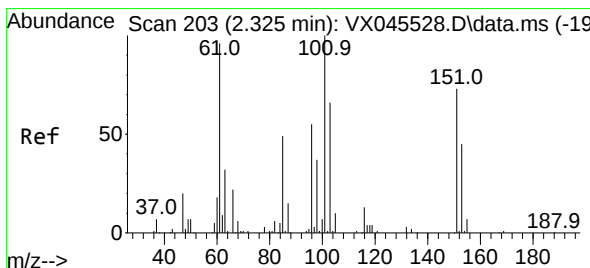
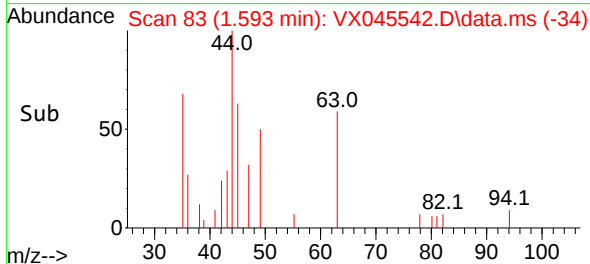
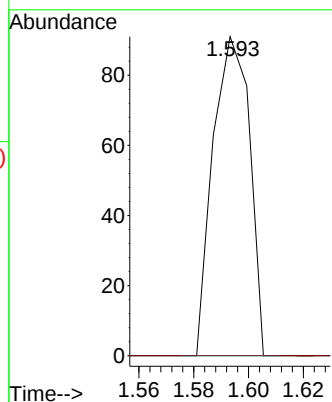
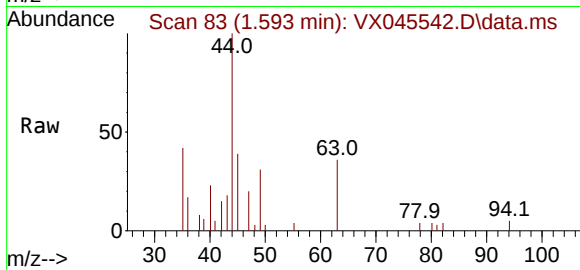




#5
Bromomethane
Concen: 0.208 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045542.D
Acq: 02 Apr 2025 13:21

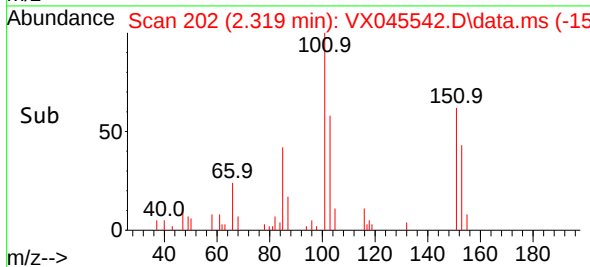
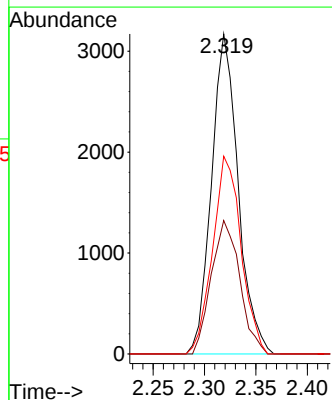
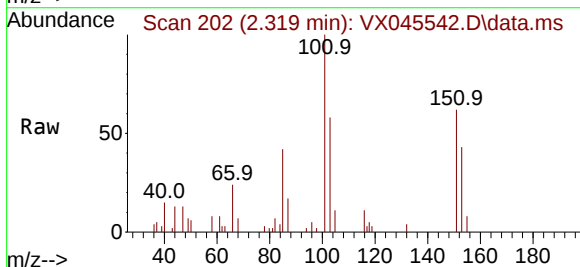
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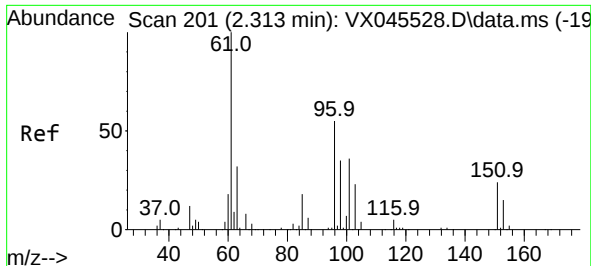
Tgt Ion: 94 Resp: 85
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.577 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX045542.D
Acq: 02 Apr 2025 13:21

Tgt Ion: 101 Resp: 5707
Ion Ratio Lower Upper
101 100
85 44.7 38.9 58.3
151 66.1 57.5 86.3





#12

1,1-Dichloroethene

Concen: 0.519 ug/l

RT: 2.307 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX045542.D

Acq: 02 Apr 2025 13:21

Instrument :

MSVOA_X

ClientSampleId :

MW-19B-72-040125DL

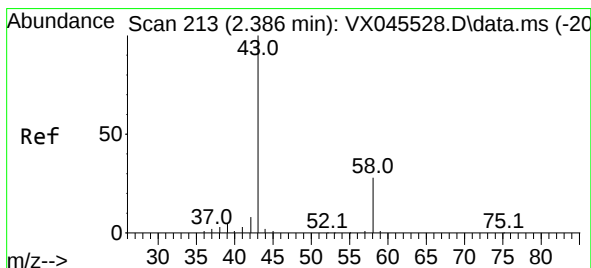
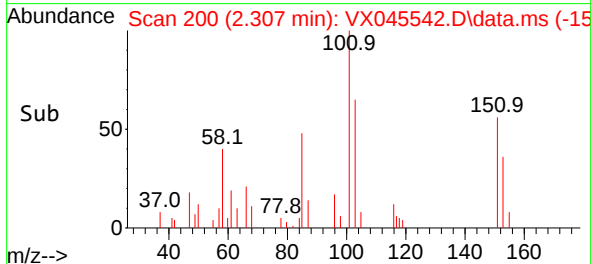
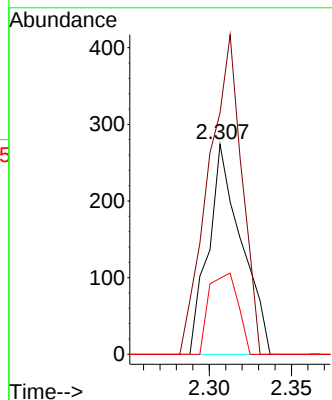
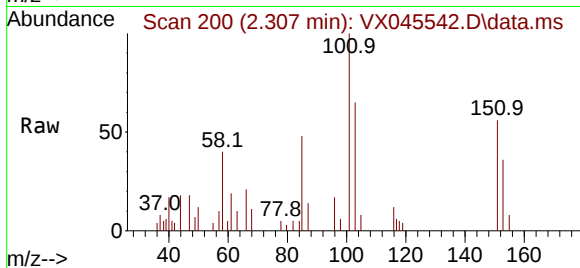
Tgt Ion: 96 Resp: 382

Ion Ratio Lower Upper

96 100

61 115.0 145.7 218.5#

98 36.1 51.6 77.4#



#16

Acetone

Concen: 0.782 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX045542.D

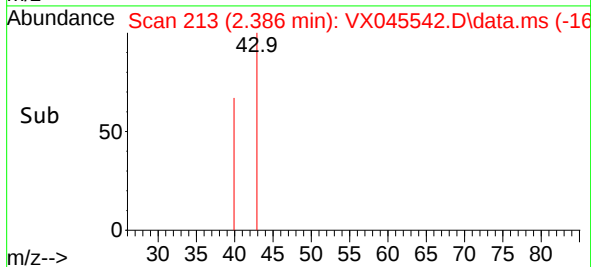
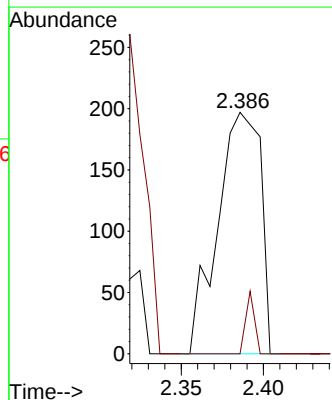
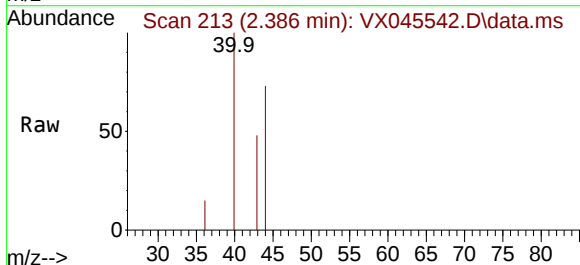
Acq: 02 Apr 2025 13:21

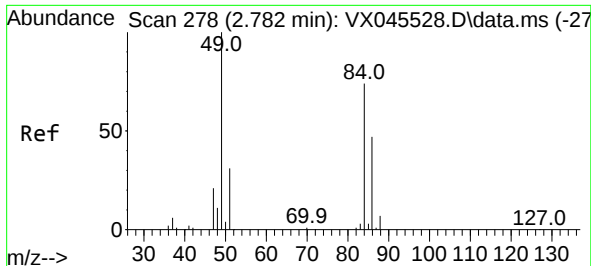
Tgt Ion: 43 Resp: 360

Ion Ratio Lower Upper

43 100

58 0.0 22.3 33.5#

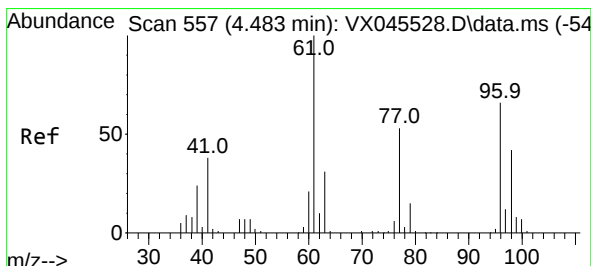
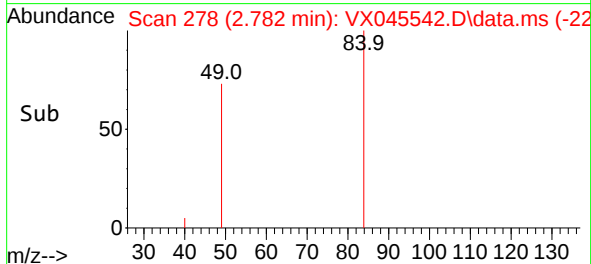
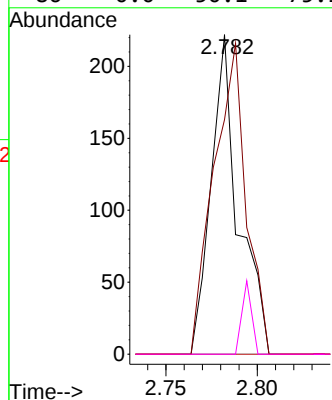
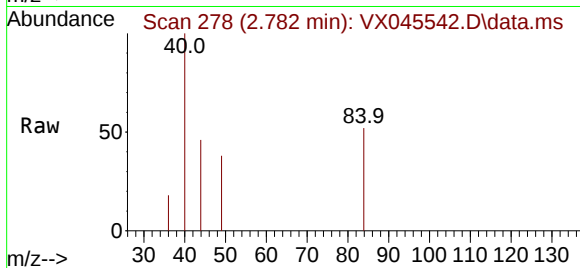




#20
Methylene Chloride
Concen: 0.268 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045542.D
Acq: 02 Apr 2025 13:21

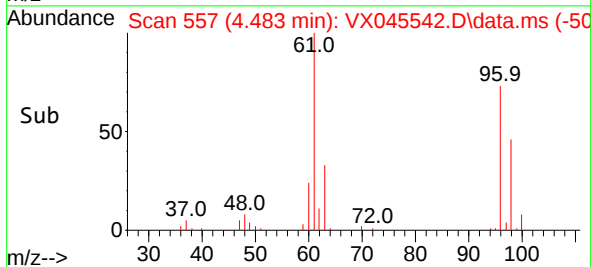
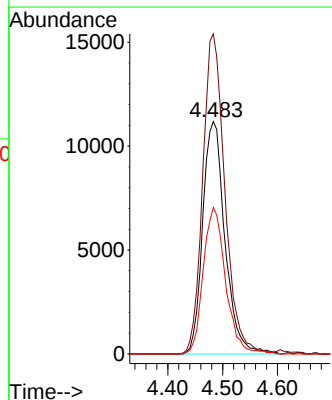
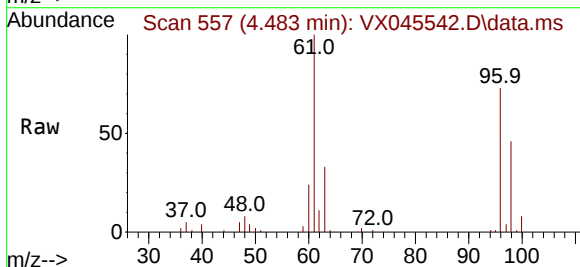
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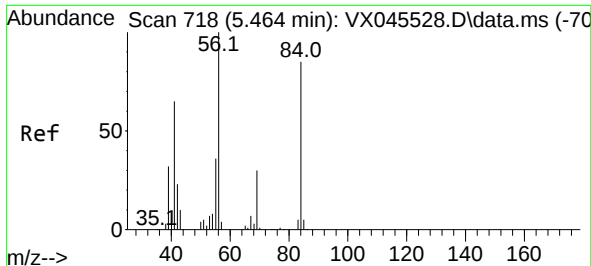
Tgt Ion:	84	Resp:	231
Ion	Ratio	Lower	Upper
84	100		
49	73.4	107.5	161.3#
51	0.0	33.0	49.6#
86	0.0	50.1	75.1#



#27
cis-1,2-Dichloroethene
Concen: 34.430 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX045542.D
Acq: 02 Apr 2025 13:21

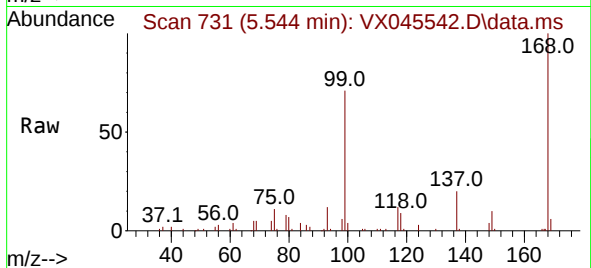
Tgt Ion:	96	Resp:	31539
Ion	Ratio	Lower	Upper
96	100		
61	136.6	0.0	313.2
98	63.1	0.0	126.4



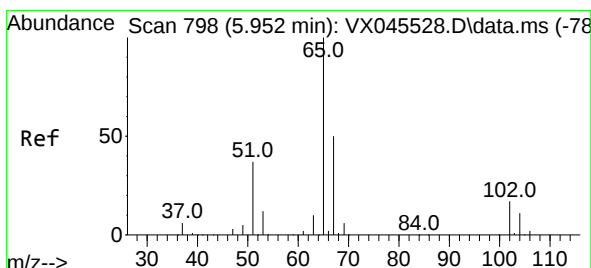
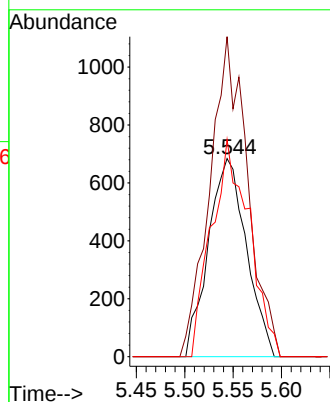
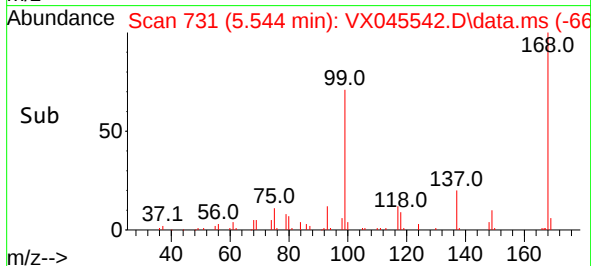


#31
Cyclohexane
Concen: 1.359 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045542.D
Acq: 02 Apr 2025 13:21

Instrument :
MSVOA_X
ClientSampleId :
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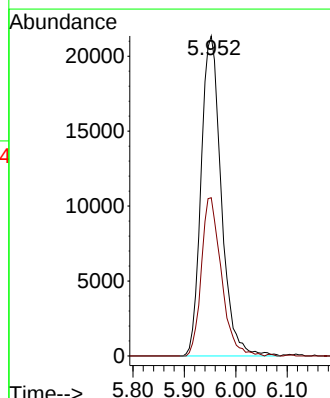
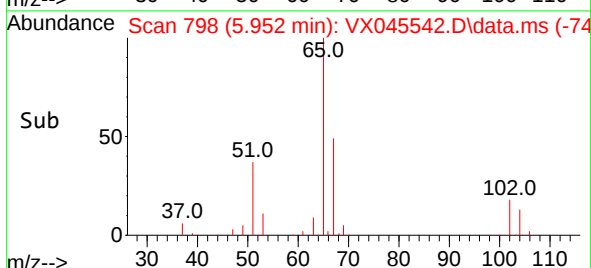
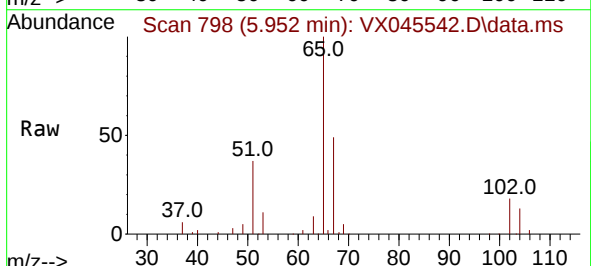


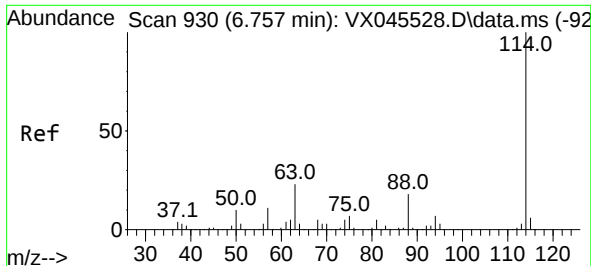
Tgt Ion: 56 Resp: 1869
Ion Ratio Lower Upper
56 100
69 161.5 23.6 35.4#
84 109.6 67.7 101.5#



#33
1,2-Dichloroethane-d4
Concen: 51.867 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045542.D
Acq: 02 Apr 2025 13:21

Tgt Ion: 65 Resp: 58149
Ion Ratio Lower Upper
65 100
67 49.0 0.0 99.0

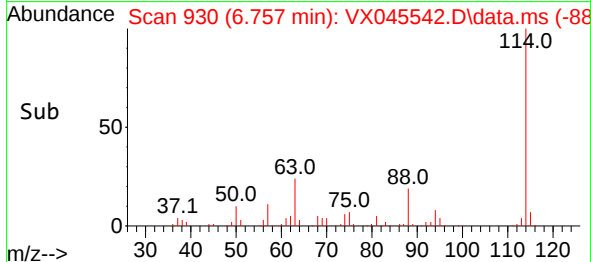
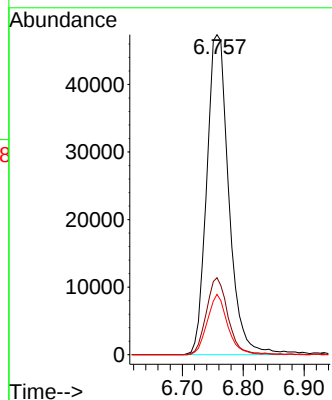
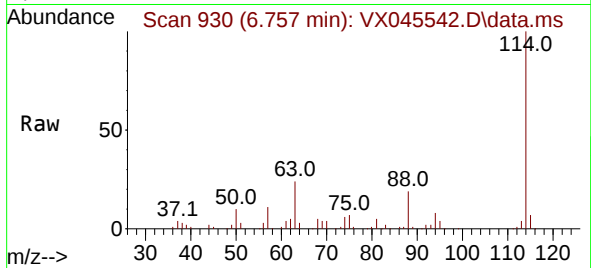




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045542.D
Acq: 02 Apr 2025 13:21

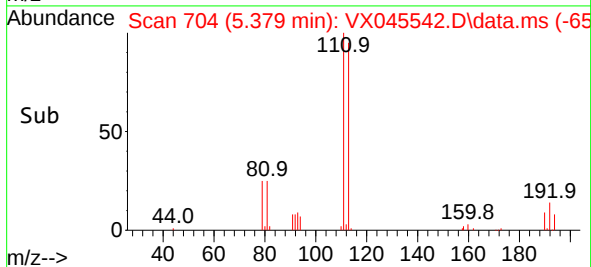
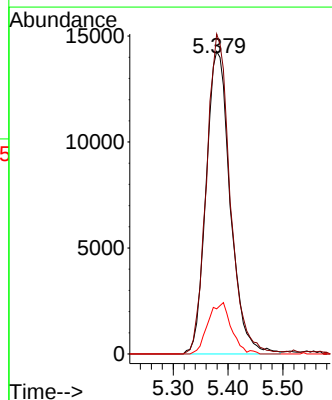
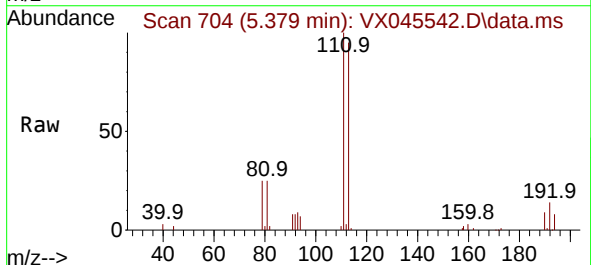
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Tgt Ion:114 Resp: 119039
Ion Ratio Lower Upper
114 100
63 24.0 0.0 46.8
88 18.9 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.657 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045542.D
Acq: 02 Apr 2025 13:21

Tgt Ion:113 Resp: 43629
Ion Ratio Lower Upper
113 100
111 103.7 81.8 122.6
192 16.5 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.511 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX045542.D

Acq: 02 Apr 2025 13:21

Instrument :

MSVOA_X

ClientSampleId :

MW-19B-72-040125DL

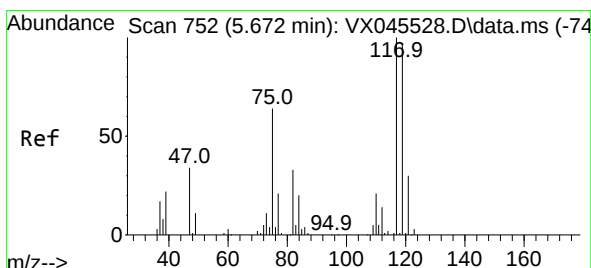
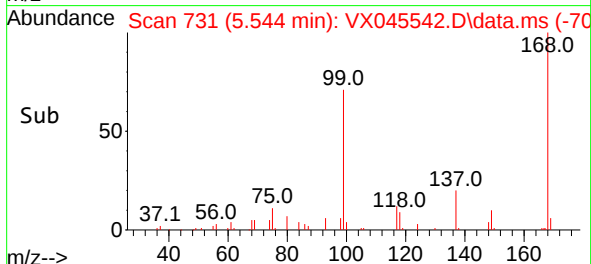
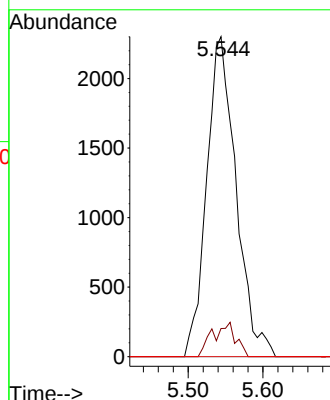
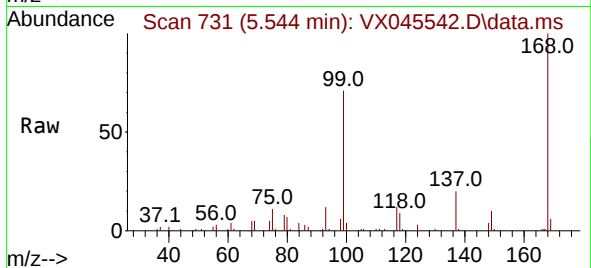
Tgt Ion: 75 Resp: 6284

Ion Ratio Lower Upper

75 100

110 3.0 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.630 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX045542.D

Acq: 02 Apr 2025 13:21

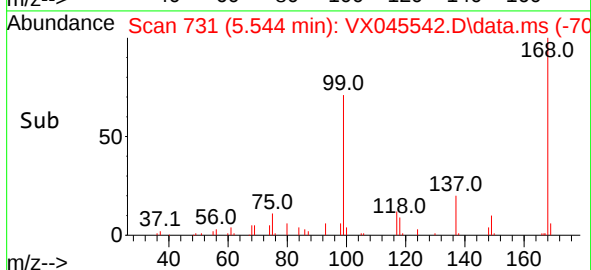
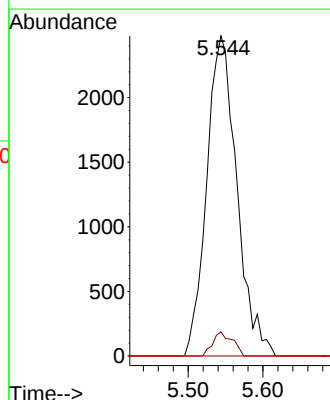
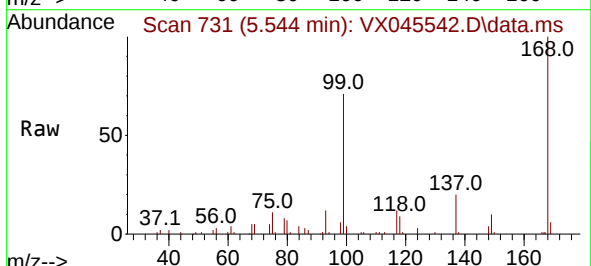
Tgt Ion: 117 Resp: 6939

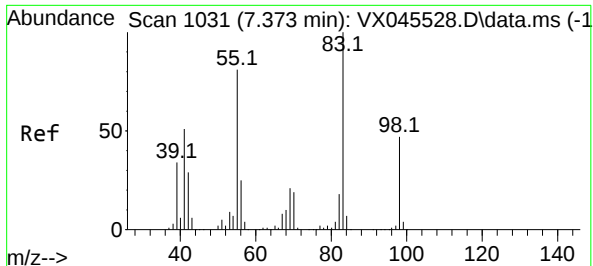
Ion Ratio Lower Upper

117 100

119 7.5 76.9 115.3#

121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 0.797 ug/l

RT: 7.117 min Scan# 989

Delta R.T. -0.256 min

Lab File: VX045542.D

Acq: 02 Apr 2025 13:21

Instrument :

MSVOA_X

ClientSampleId :

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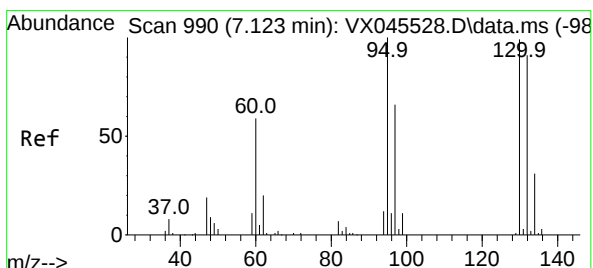
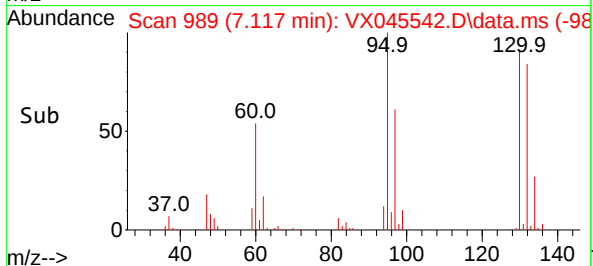
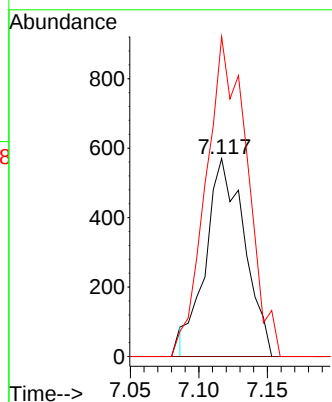
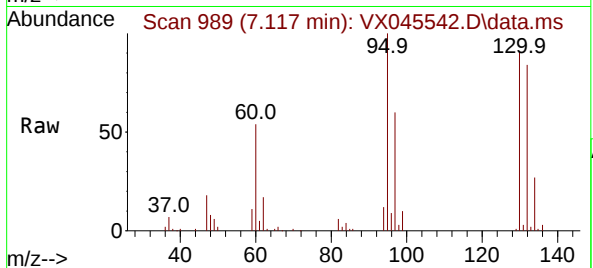
Tgt Ion: 83 Resp: 1114

Ion Ratio Lower Upper

83 100

55 0.0 64.9 97.3#

98 161.6 37.4 56.0#



#44

Trichloroethene

Concen: 86.731 ug/l

RT: 7.117 min Scan# 989

Delta R.T. -0.006 min

Lab File: VX045542.D

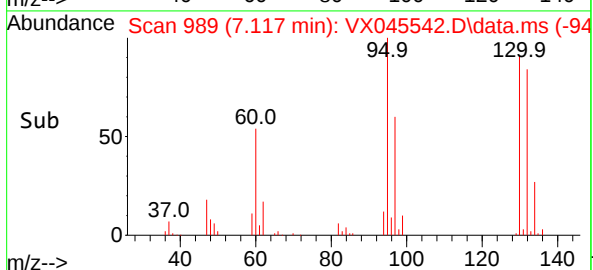
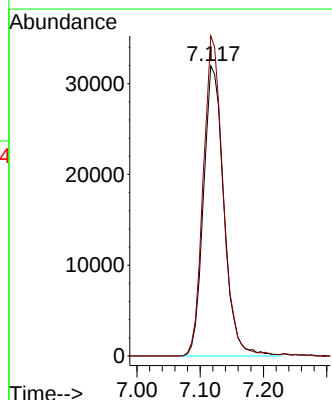
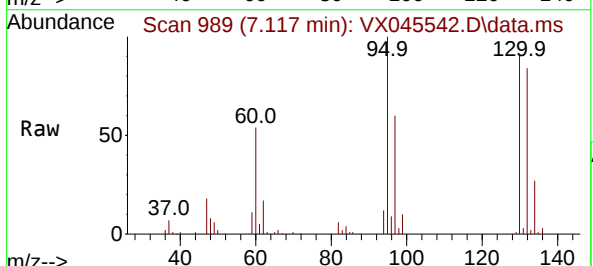
Acq: 02 Apr 2025 13:21

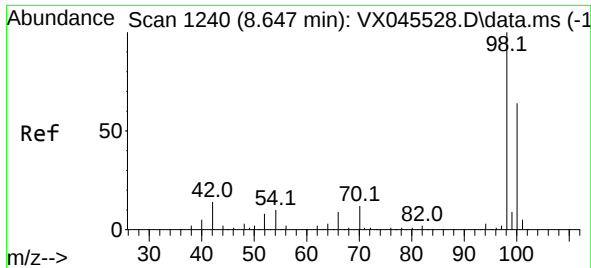
Tgt Ion:130 Resp: 71796

Ion Ratio Lower Upper

130 100

95 110.3 0.0 202.0

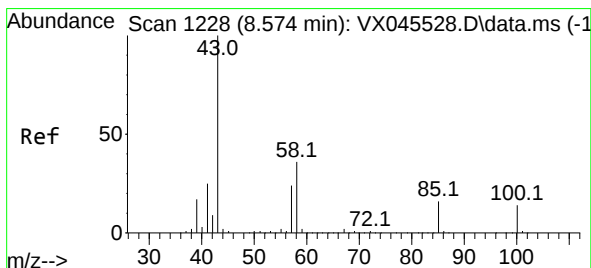
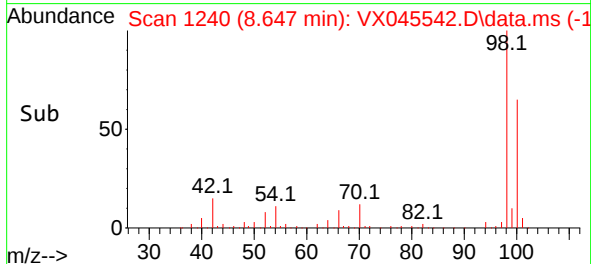
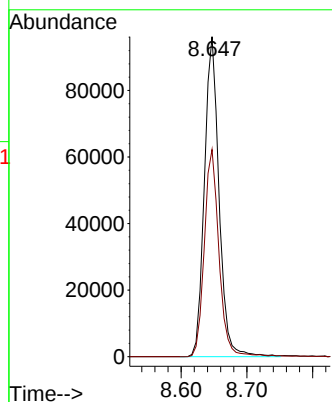
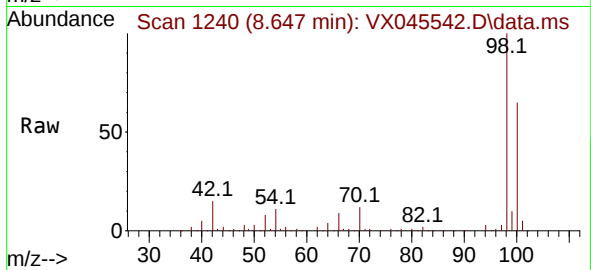




#50
Toluene-d8
Concen: 50.518 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045542.D
Acq: 02 Apr 2025 13:21

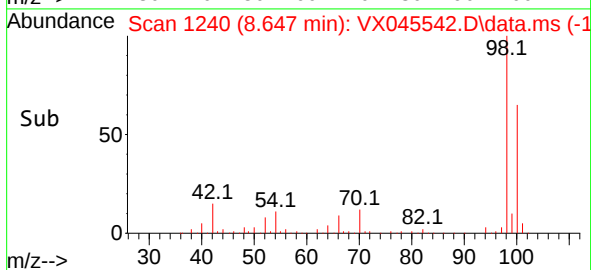
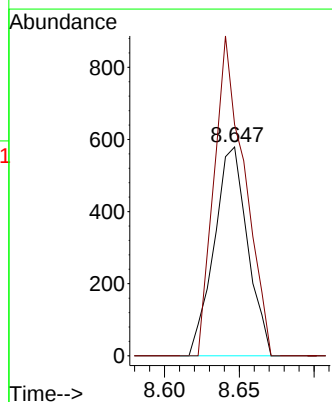
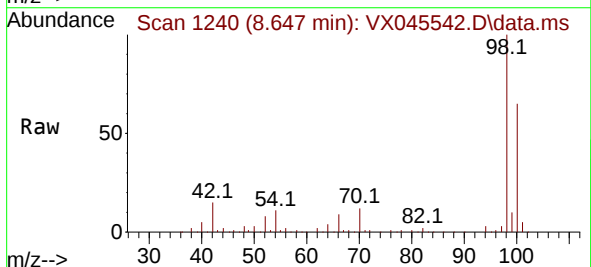
Instrument :
MSVOA_X
ClientSampleId :
MW-19B-72-040125DL

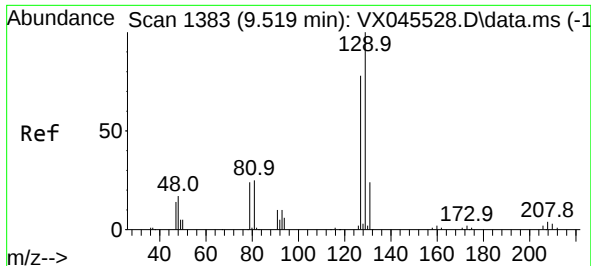
Tgt Ion: 98 Resp: 148923
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.623 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045542.D
Acq: 02 Apr 2025 13:21

Tgt Ion: 43 Resp: 900
Ion Ratio Lower Upper
43 100
58 139.3 28.5 42.7#

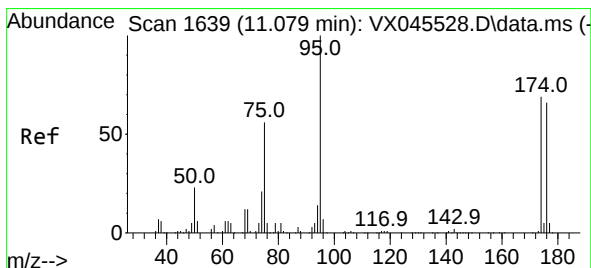
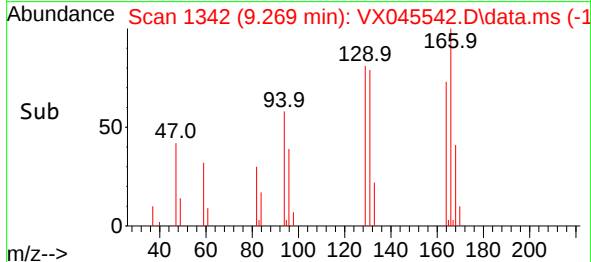
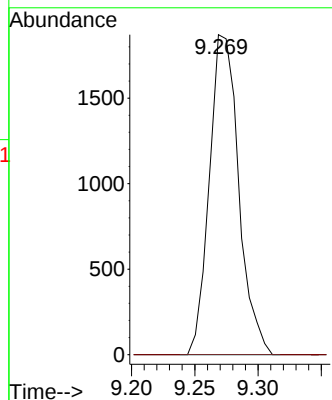
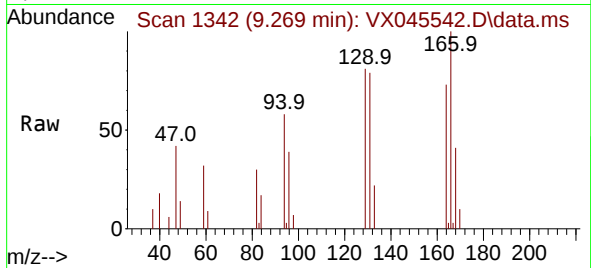




#60
Dibromochloromethane
Concen: 3.298 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX045542.D
Acq: 02 Apr 2025 13:21

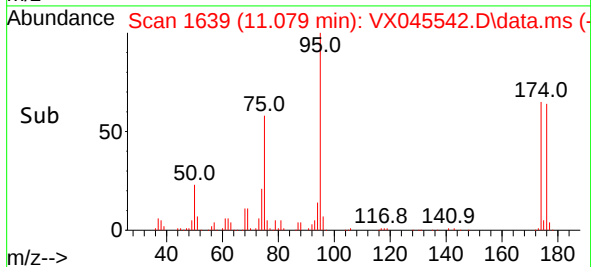
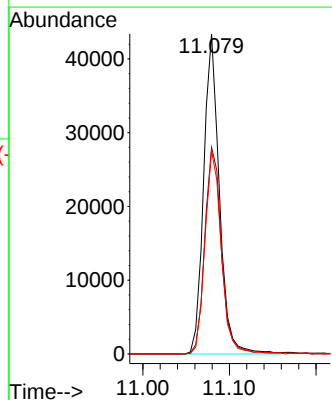
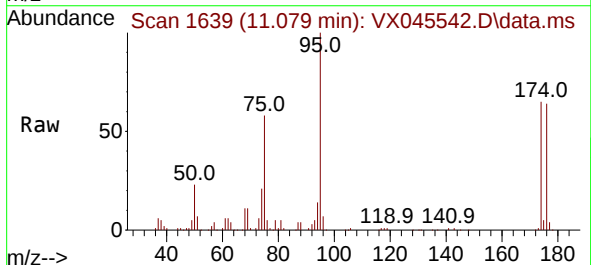
Instrument :
MSVOA_X
ClientSampleId :
MW-19B-72-040125DL

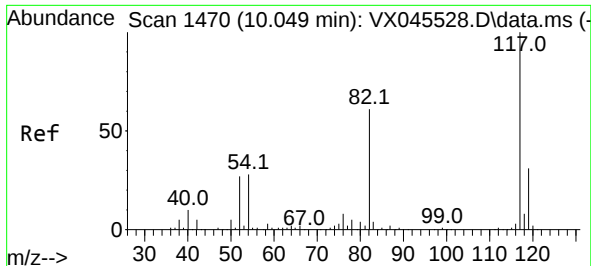
Tgt Ion:129 Resp: 3019
Ion Ratio Lower Upper
129 100
127 0.0 39.4 118.2#



#62
4-Bromofluorobenzene
Concen: 50.897 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045542.D
Acq: 02 Apr 2025 13:21

Tgt Ion: 95 Resp: 54652
Ion Ratio Lower Upper
95 100
174 68.3 0.0 135.8
176 66.0 0.0 131.4

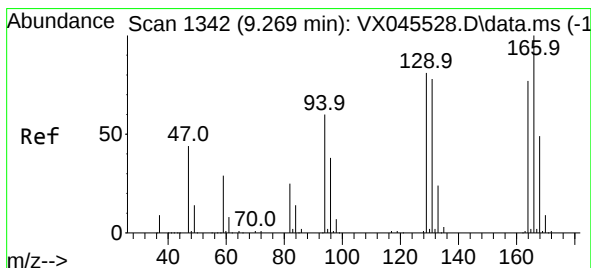
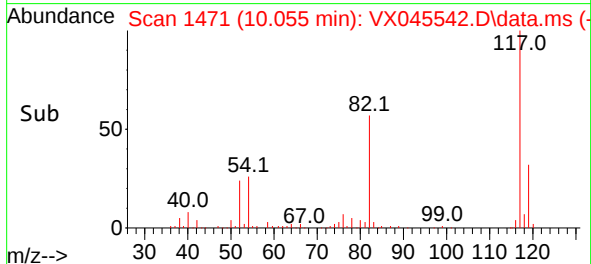
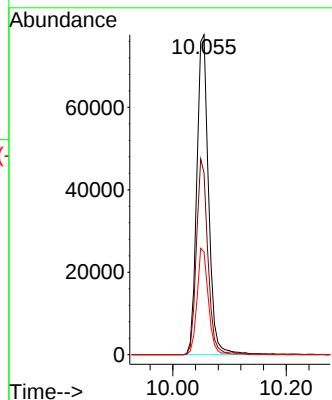
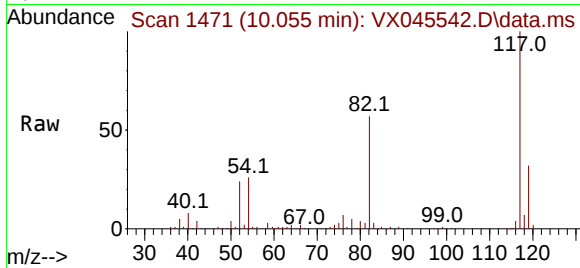




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045542.D
Acq: 02 Apr 2025 13:21

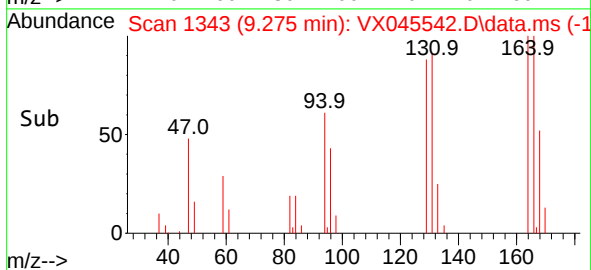
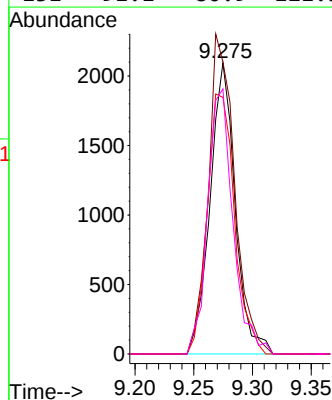
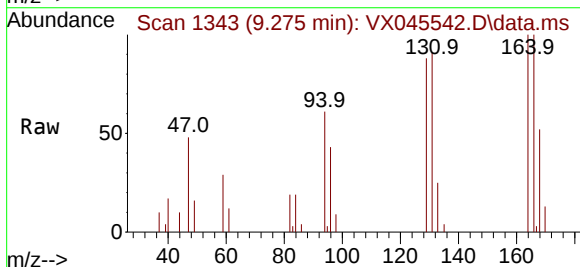
Instrument :
MSVOA_X
ClientSampleId :
MW-19B-72-040125DL

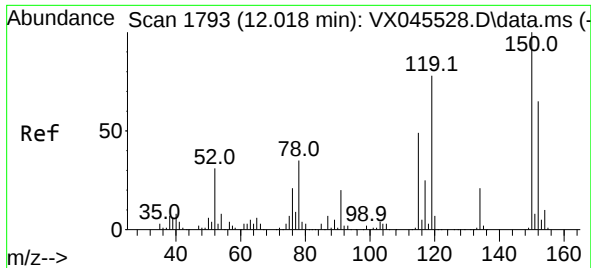
Tgt Ion:117 Resp: 112137
Ion Ratio Lower Upper
117 100
82 56.7 49.2 73.8
119 32.1 25.1 37.7



#64
Tetrachloroethene
Concen: 3.931 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX045542.D
Acq: 02 Apr 2025 13:21

Tgt Ion:164 Resp: 3112
Ion Ratio Lower Upper
164 100
166 100.4 103.8 155.8#
129 88.2 84.3 126.5
131 91.1 80.9 121.3

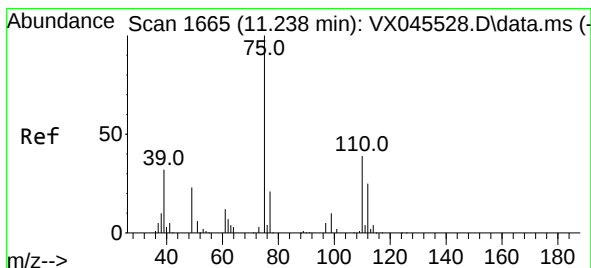
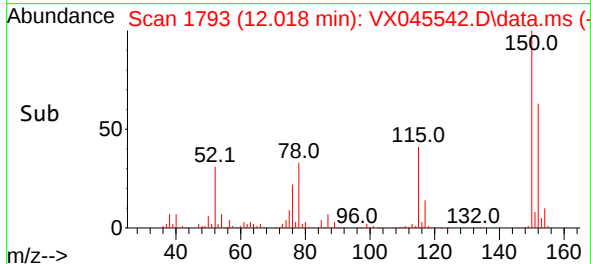
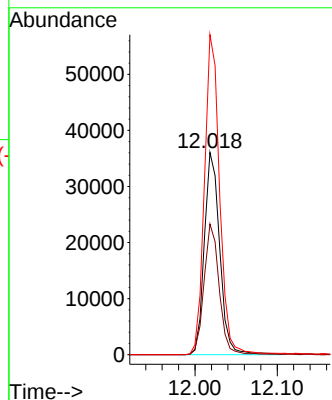
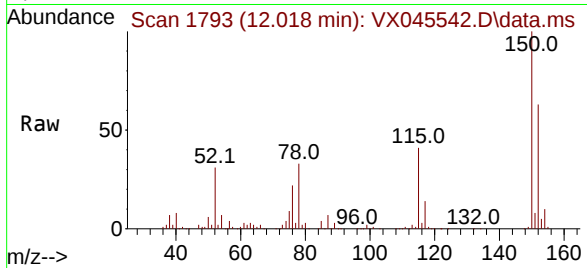




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX045542.D
 Acq: 02 Apr 2025 13:21

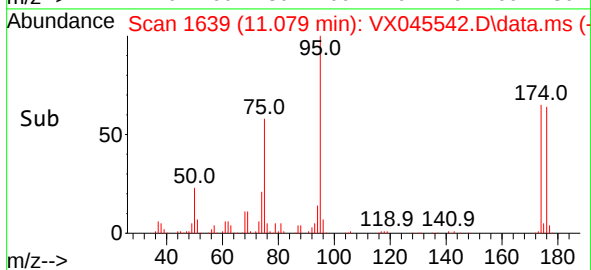
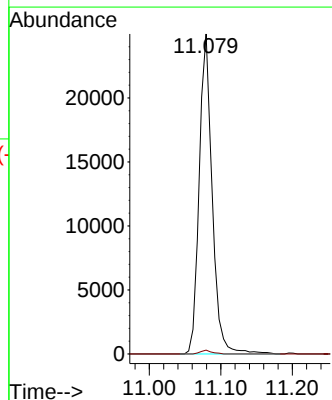
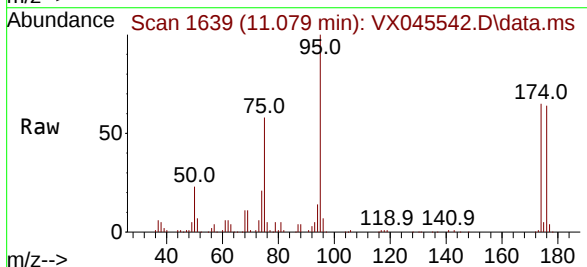
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19B-72-040125DL

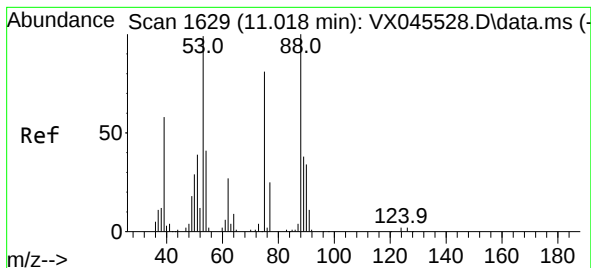
Tgt Ion:152 Resp: 46922
 Ion Ratio Lower Upper
 152 100
 115 63.8 46.9 140.7
 150 156.3 0.0 349.4



#76
 1,2,3-Trichloropropane
 Concen: 27.528 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX045542.D
 Acq: 02 Apr 2025 13:21

Tgt Ion: 75 Resp: 31507
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.0 59.9#





#81

trans-1,4-Dichloro-2-butene

Concen: 93.427 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX045542.D

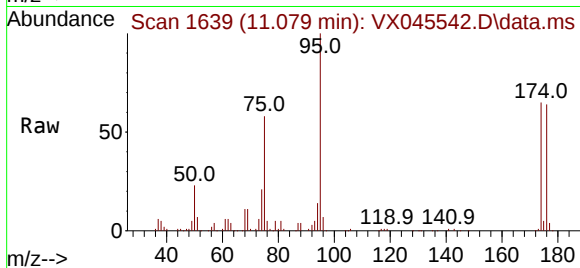
Acq: 02 Apr 2025 13:21

Instrument :

MSVOA_X

ClientSampleId :

MW-19B-72-040125DL



Tgt Ion: 75 Resp: 31507

Ion Ratio Lower Upper

75 100

53 0.0 101.8 152.6#

89 0.0 37.2 55.8#

