

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX031002.D
 Acq On : 01 Sep 2022 01:43
 Operator : JC/MD
 Sample : N4380-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8

Quant Time: Sep 06 02:29:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

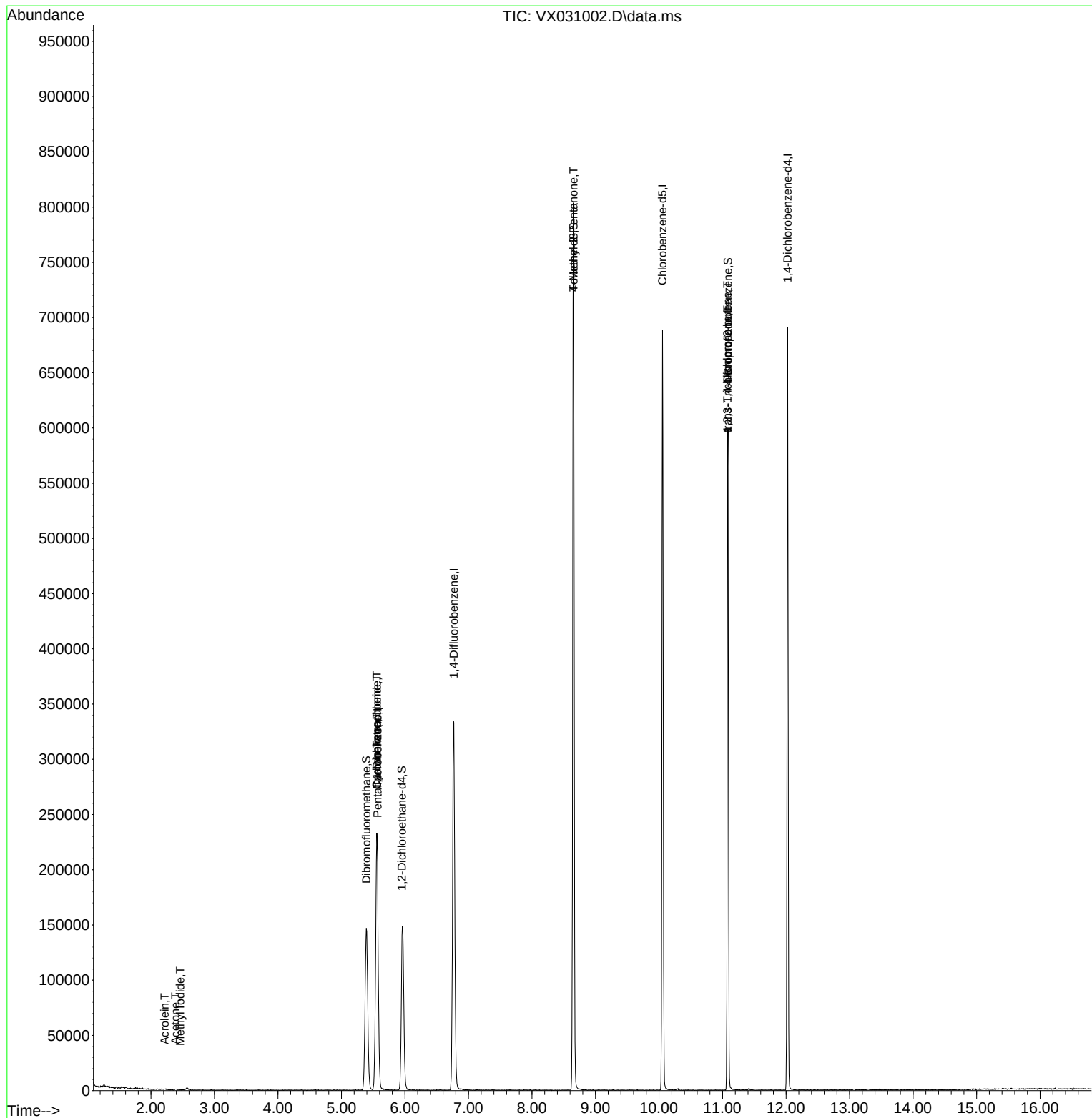
Internal Standards						
1) Pentafluorobenzene	5.568	168	228887	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.769	114	369877	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	335861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	148176	45.136	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.280%
35) Dibromofluoromethane	5.391	113	134546	49.347	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.700%
50) Toluene-d8	8.653	98	498721	49.391	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.780%
62) 4-Bromofluorobenzene	11.085	95	168344	46.818	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.640%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	271	Below Cal		95
10) Methyl Iodide	2.459	142	185	4.441	ug/l #	45
13) Acrolein	2.215	56	74	7.456	ug/l	83
16) Acetone	2.385	43	1037	0.700	ug/l #	76
31) Cyclohexane	5.556	56	3905	0.804	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	15297	3.775	ug/l #	50
38) Carbon Tetrachloride	5.556	117	21481	5.568	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1727	0.396	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	79496	22.022	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	79496	65.473	ug/l #	13

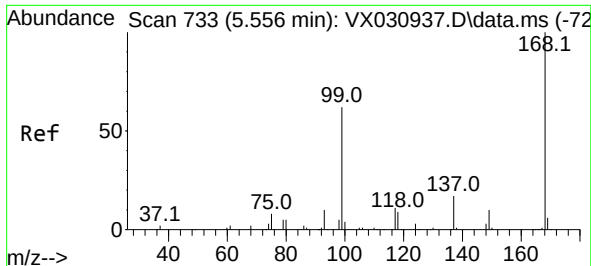
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 30 14:24:53 2022
Response via : Initial Calibration

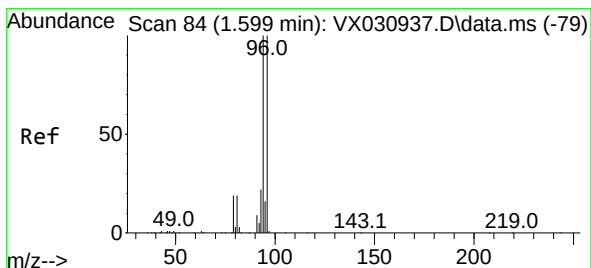
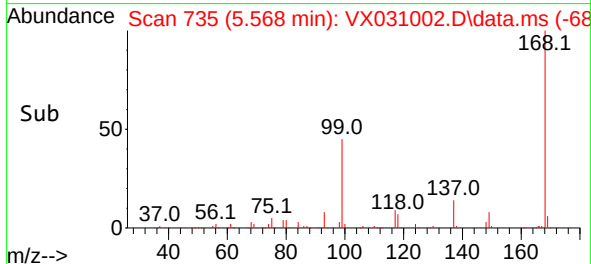
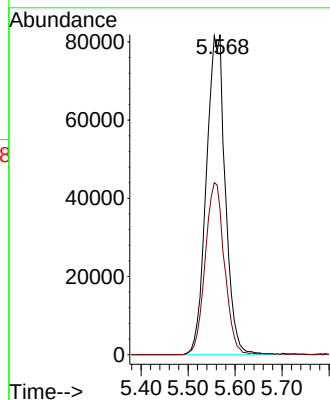
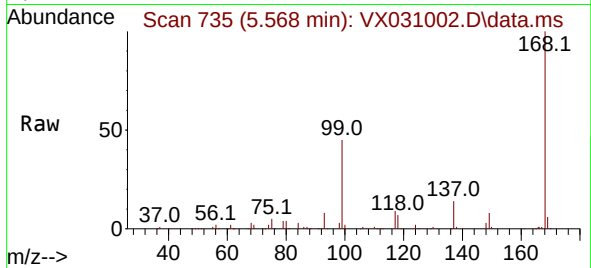




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX031002.D
Acq: 01 Sep 2022 01:43

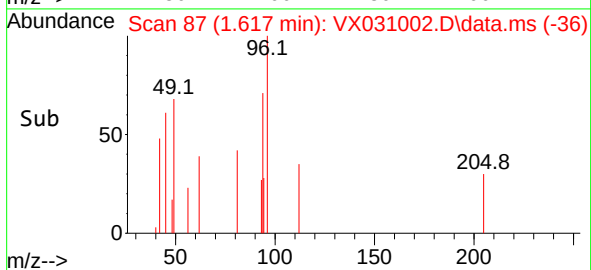
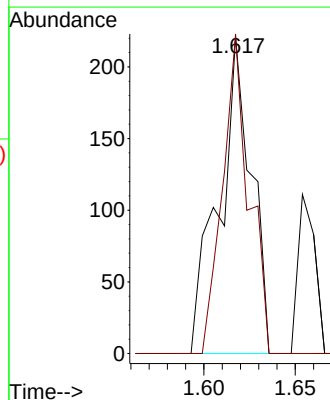
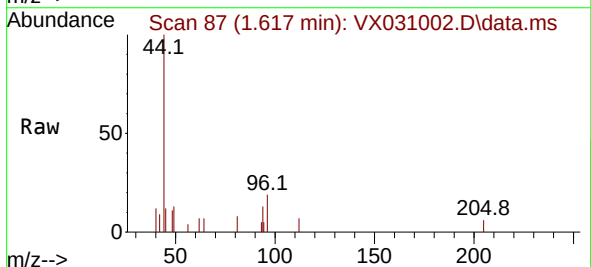
Instrument :
MSVOA_X
ClientSampleId :
MW-8

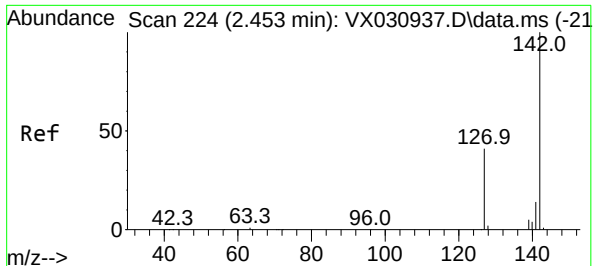
Tgt Ion:168 Resp: 228887
Ion Ratio Lower Upper
168 100
99 45.3 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.012 min
Lab File: VX031002.D
Acq: 01 Sep 2022 01:43

Tgt Ion: 94 Resp: 271
Ion Ratio Lower Upper
94 100
96 100.9 76.9 115.3

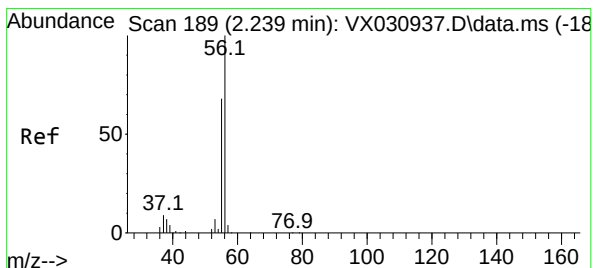
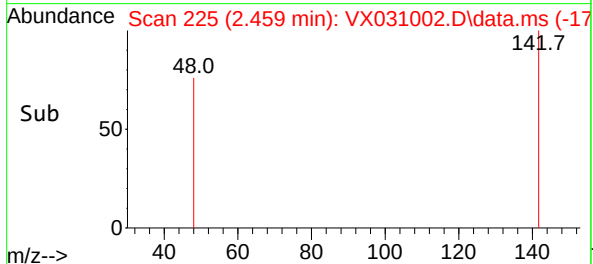
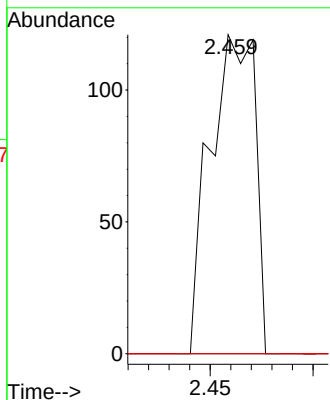
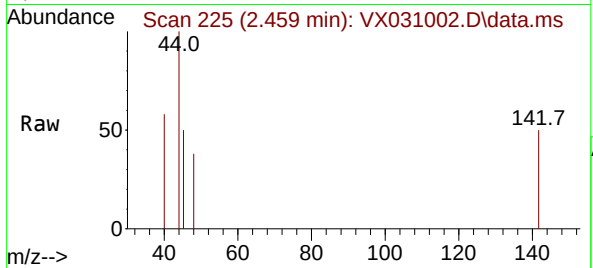




#10
Methyl Iodide
Concen: 4.441 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031002.D
Acq: 01 Sep 2022 01:43

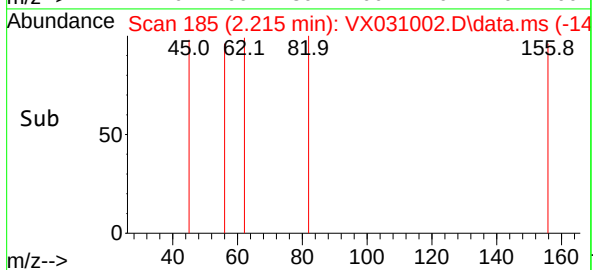
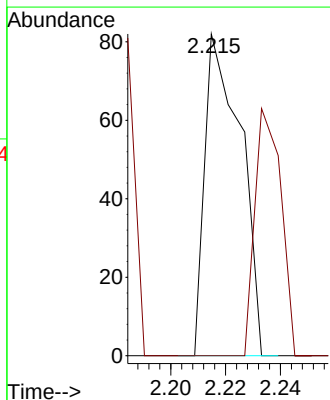
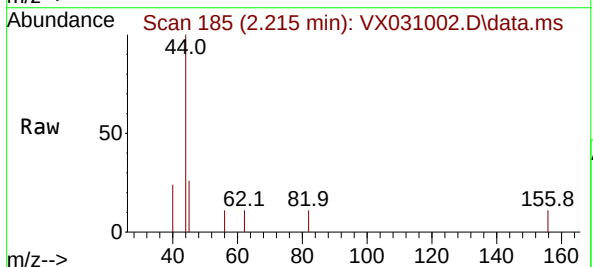
Instrument :
MSVOA_X
ClientSampleId :
MW-8

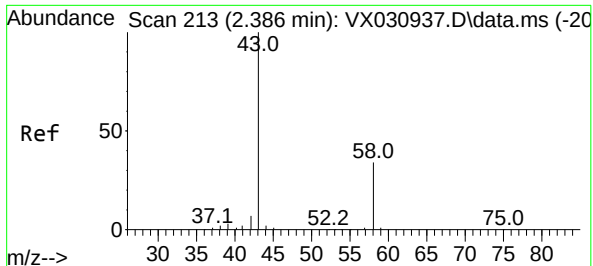
Tgt Ion:142 Resp: 185
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#13
Acrolein
Concen: 7.456 ug/l
RT: 2.215 min Scan# 185
Delta R.T. -0.024 min
Lab File: VX031002.D
Acq: 01 Sep 2022 01:43

Tgt Ion: 56 Resp: 74
Ion Ratio Lower Upper
56 100
55 56.8 56.6 84.8

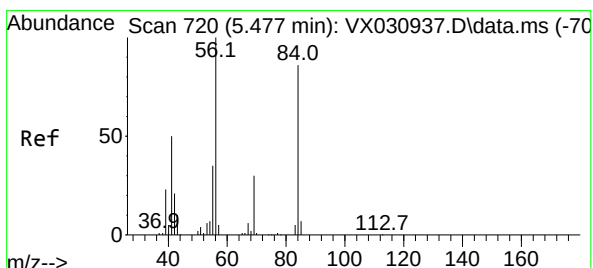
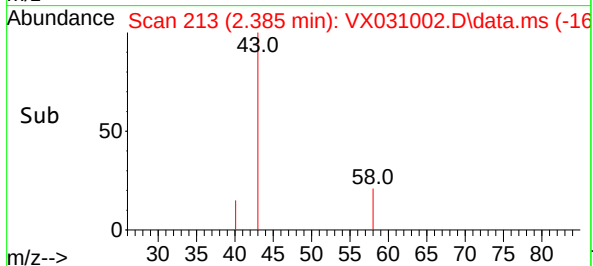
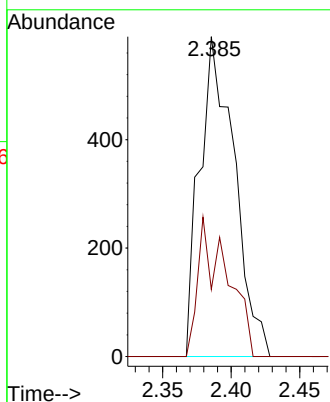
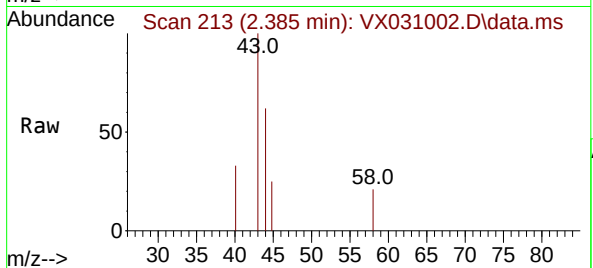




#16
Acetone
Concen: 0.700 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.001 min
Lab File: VX031002.D
Acq: 01 Sep 2022 01:43

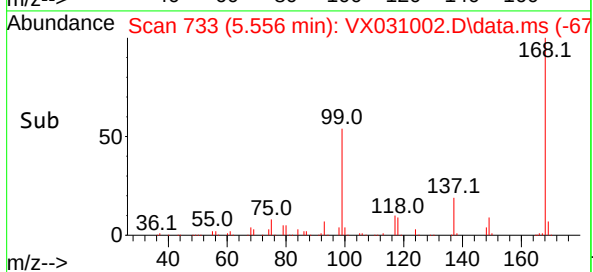
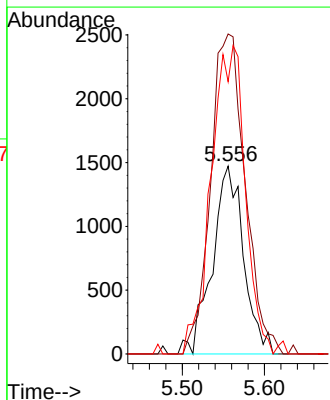
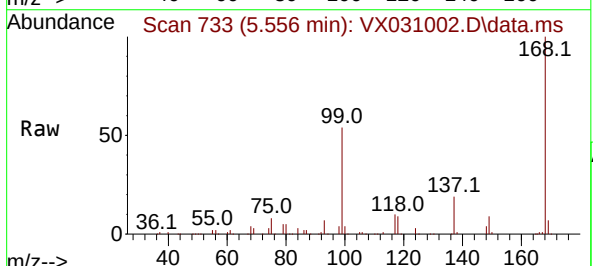
Instrument :
MSVOA_X
ClientSampleId :
MW-8

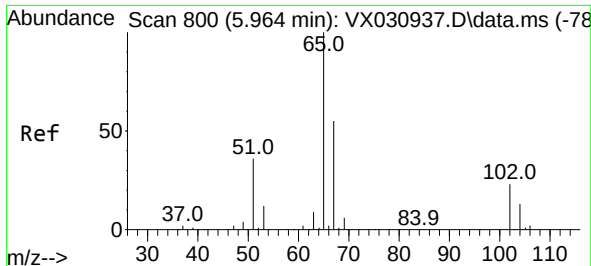
Tgt Ion: 43 Resp: 1037
Ion Ratio Lower Upper
43 100
58 21.0 27.7 41.5#



#31
Cyclohexane
Concen: 0.804 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX031002.D
Acq: 01 Sep 2022 01:43

Tgt Ion: 56 Resp: 3905
Ion Ratio Lower Upper
56 100
69 170.4 25.4 38.0#
84 145.0 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 45.136 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX031002.D

Acq: 01 Sep 2022 01:43

Instrument :

MSVOA_X

ClientSampleId :

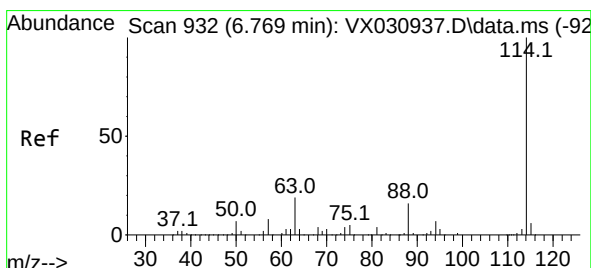
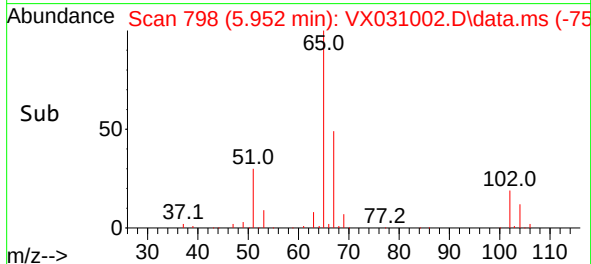
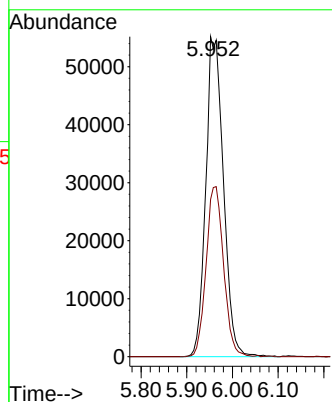
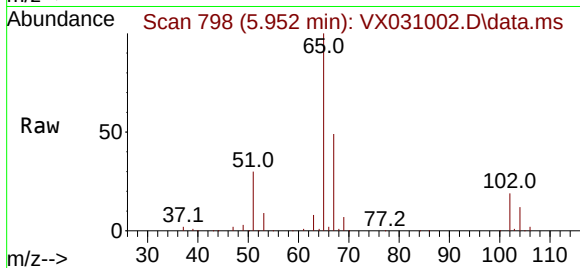
MW-8

Tgt Ion: 65 Resp: 148176

Ion Ratio Lower Upper

65 100

67 52.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX031002.D

Acq: 01 Sep 2022 01:43

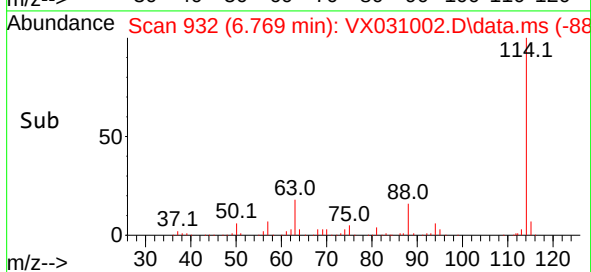
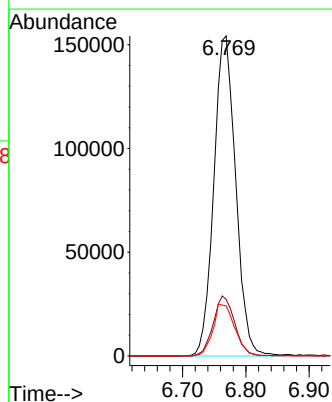
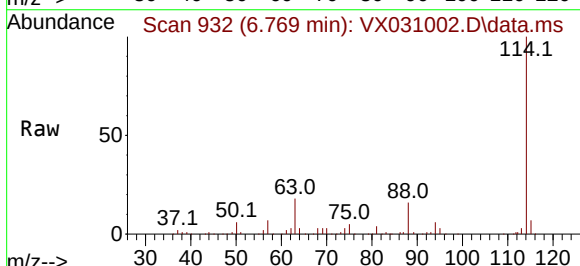
Tgt Ion: 114 Resp: 369877

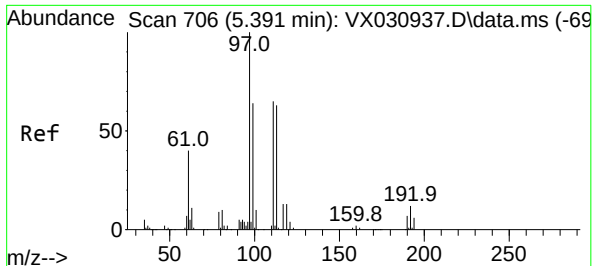
Ion Ratio Lower Upper

114 100

63 17.7 0.0 38.4

88 15.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.347 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031002.D

Acq: 01 Sep 2022 01:43

Instrument :

MSVOA_X

ClientSampleId :

MW-8

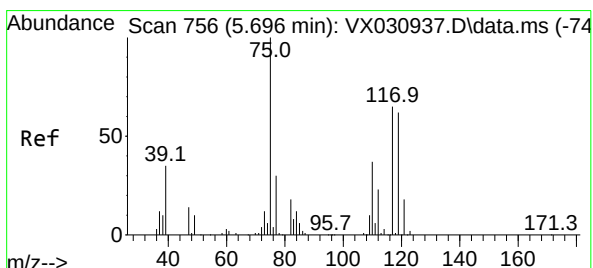
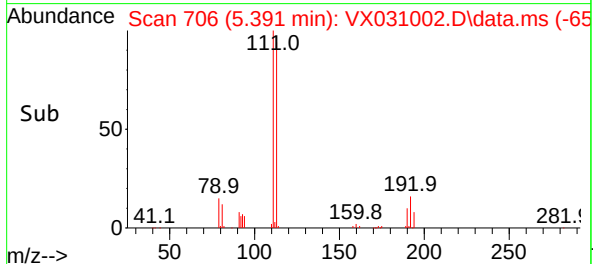
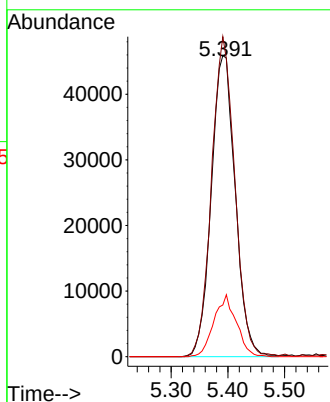
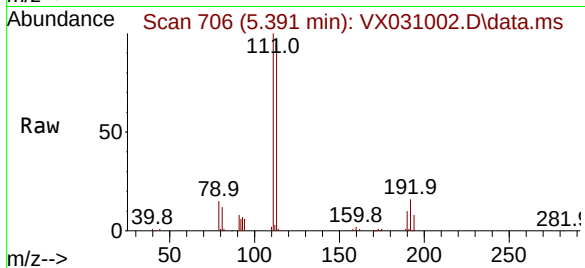
Tgt Ion:113 Resp: 134546

Ion Ratio Lower Upper

113 100

111 103.0 83.2 124.8

192 19.3 14.8 22.2



#36

1,1-Dichloropropene

Concen: 3.775 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX031002.D

Acq: 01 Sep 2022 01:43

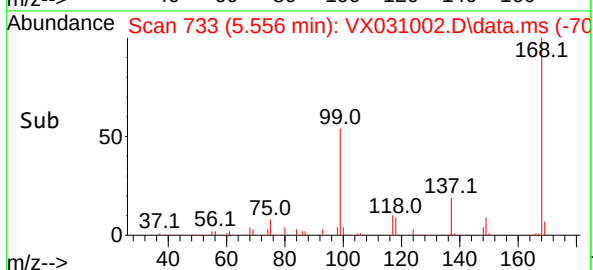
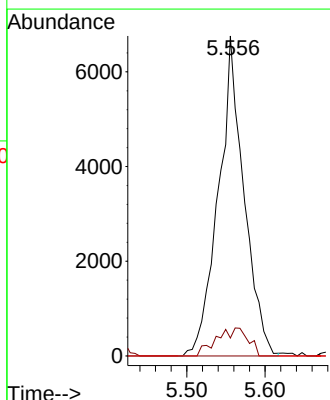
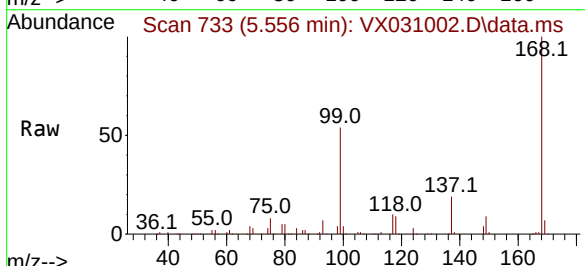
Tgt Ion: 75 Resp: 15297

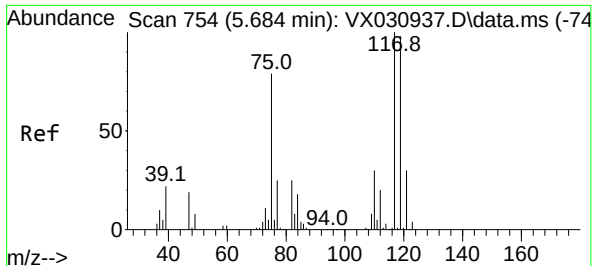
Ion Ratio Lower Upper

75 100

110 10.8 19.3 57.9#

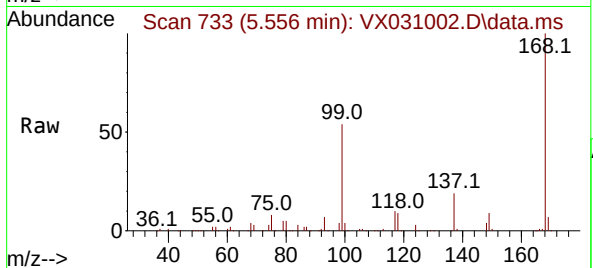
77 0.0 24.4 36.6#



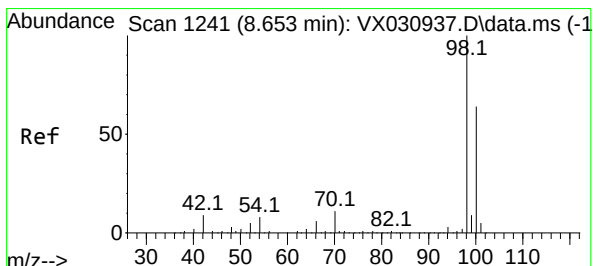
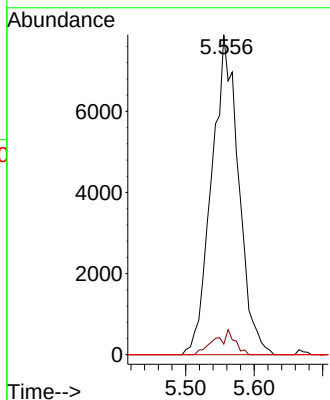
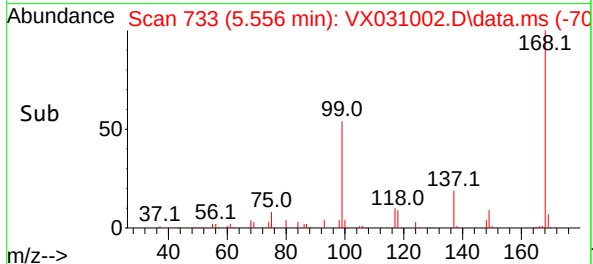


#38
Carbon Tetrachloride
Concen: 5.568 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031002.D
Acq: 01 Sep 2022 01:43

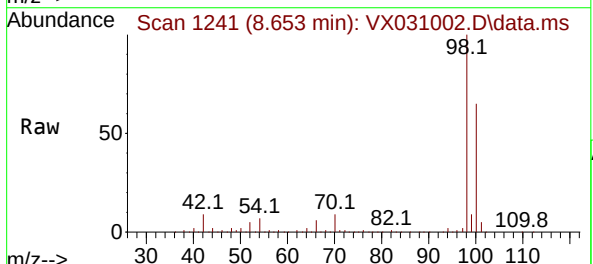
Instrument :
MSVOA_X
ClientSampleId :
MW-8



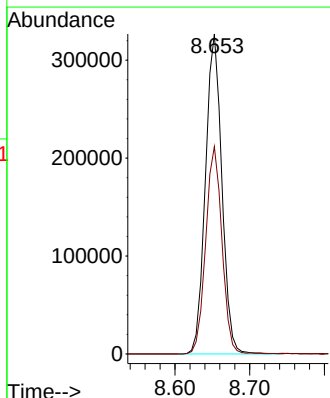
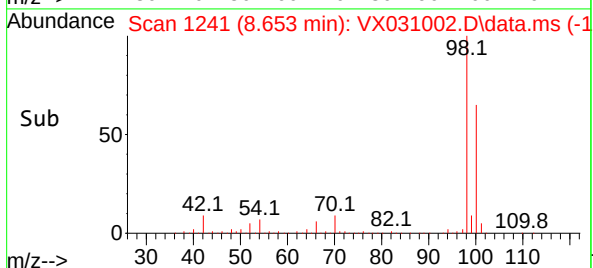
Tgt Ion:117 Resp: 21481
Ion Ratio Lower Upper
117 100
119 3.3 74.1 111.1#
121 0.0 25.8 38.8#

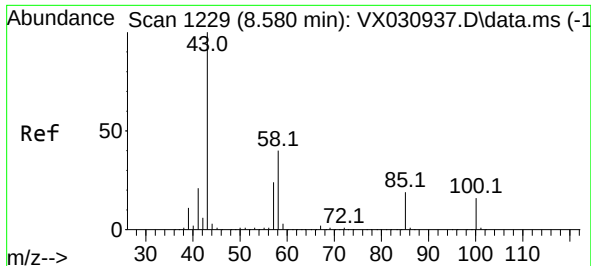


#50
Toluene-d8
Concen: 49.391 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031002.D
Acq: 01 Sep 2022 01:43



Tgt Ion: 98 Resp: 498721
Ion Ratio Lower Upper
98 100
100 64.0 52.3 78.5

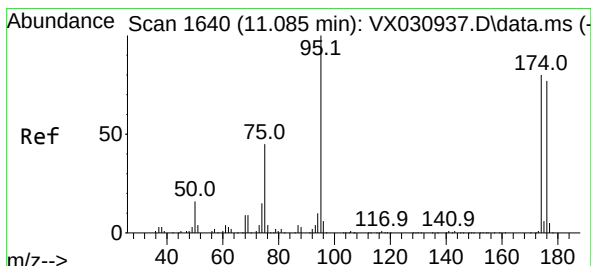
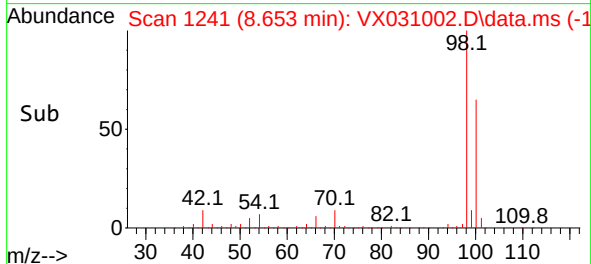
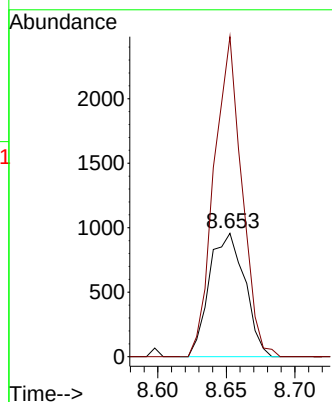
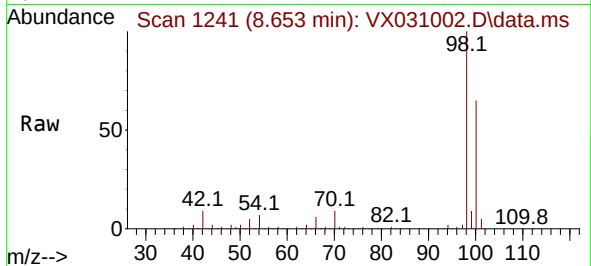




#51
 4-Methyl-2-Pentanone
 Concen: 0.396 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. 0.073 min
 Lab File: VX031002.D
 Acq: 01 Sep 2022 01:43

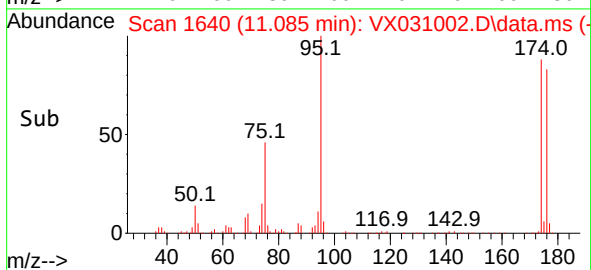
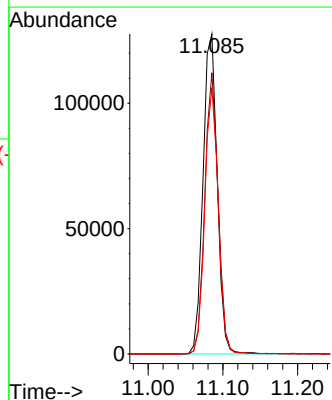
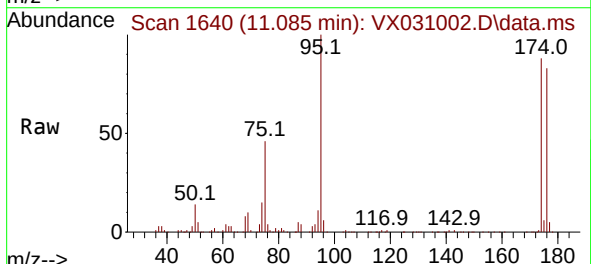
Instrument :
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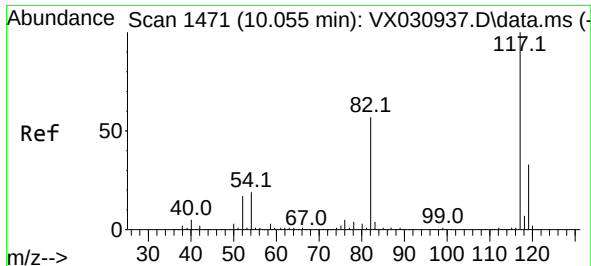
Tgt Ion: 43 Resp: 1727
 Ion Ratio Lower Upper
 43 100
 58 203.4 31.4 47.2#



#62
 4-Bromofluorobenzene
 Concen: 46.818 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VX031002.D
 Acq: 01 Sep 2022 01:43

Tgt Ion: 95 Resp: 168344
 Ion Ratio Lower Upper
 95 100
 174 83.2 0.0 149.0
 176 79.4 0.0 146.0

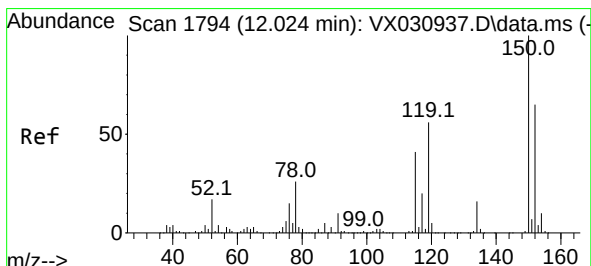
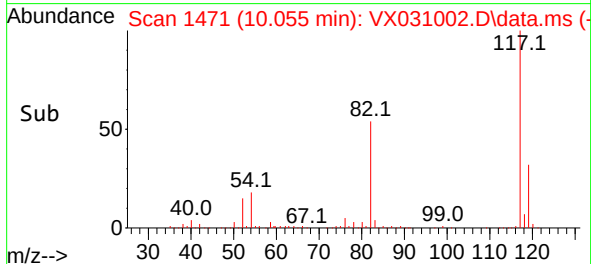
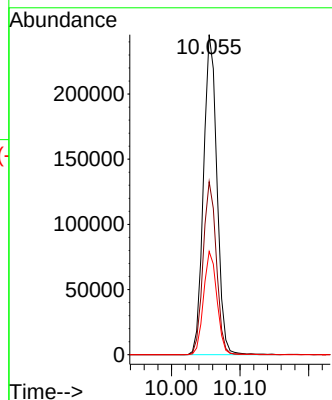
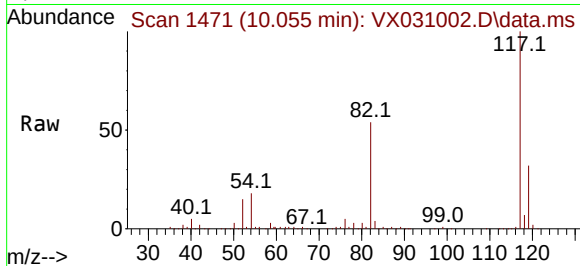




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031002.D
Acq: 01 Sep 2022 01:43

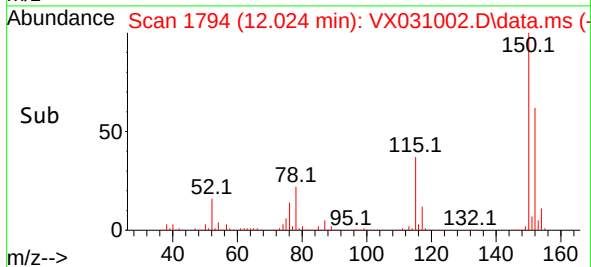
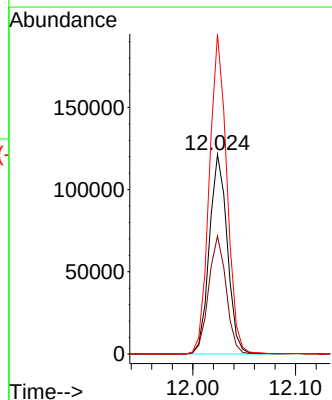
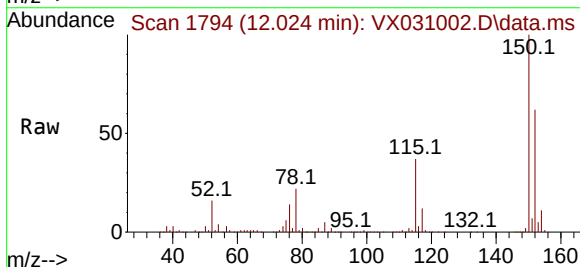
Instrument :
MSVOA_X
ClientSampleId :
MW-8

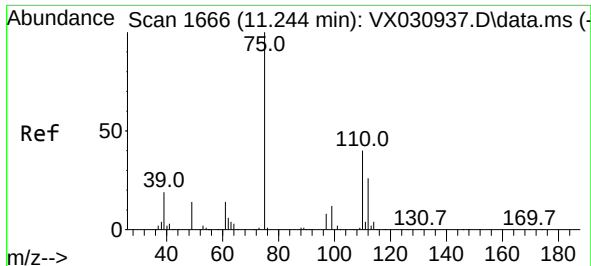
Tgt Ion:117 Resp: 335861
Ion Ratio Lower Upper
117 100
82 54.1 42.7 64.1
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031002.D
Acq: 01 Sep 2022 01:43

Tgt Ion:152 Resp: 146632
Ion Ratio Lower Upper
152 100
115 58.4 40.5 121.5
150 157.5 0.0 347.0

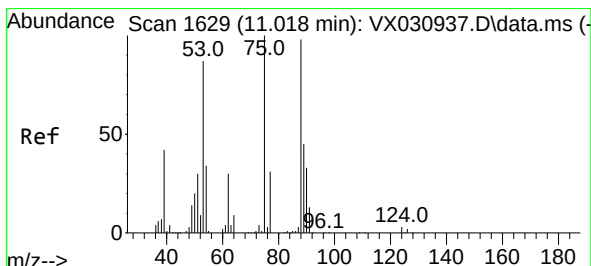
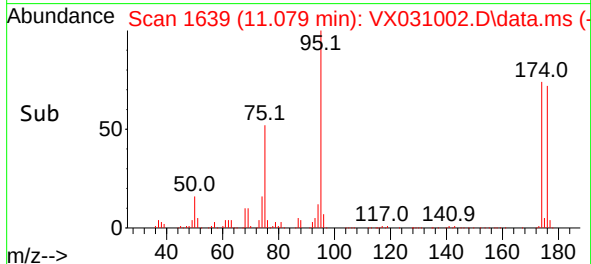
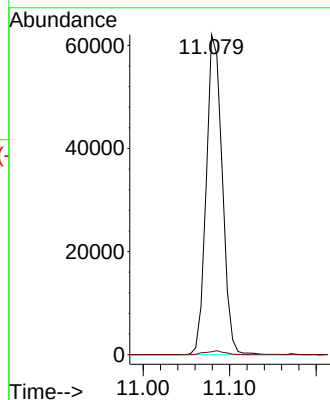
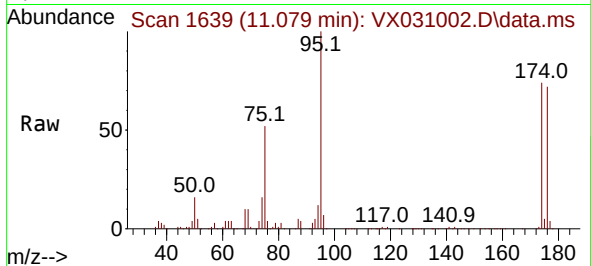




#76
1,2,3-Trichloropropane
Concen: 22.022 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX031002.D
Acq: 01 Sep 2022 01:43

Instrument :
MSVOA_X
ClientSampleId :
MW-8

Tgt Ion: 75 Resp: 79496
Ion Ratio Lower Upper
75 100
77 1.5 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.473 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX031002.D
Acq: 01 Sep 2022 01:43

Tgt Ion: 75 Resp: 79496
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

