

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031930.D
 Acq On : 06 Oct 2022 20:05
 Operator : JC/MD
 Sample : N4882-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-124

Quant Time: Oct 07 08:08:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

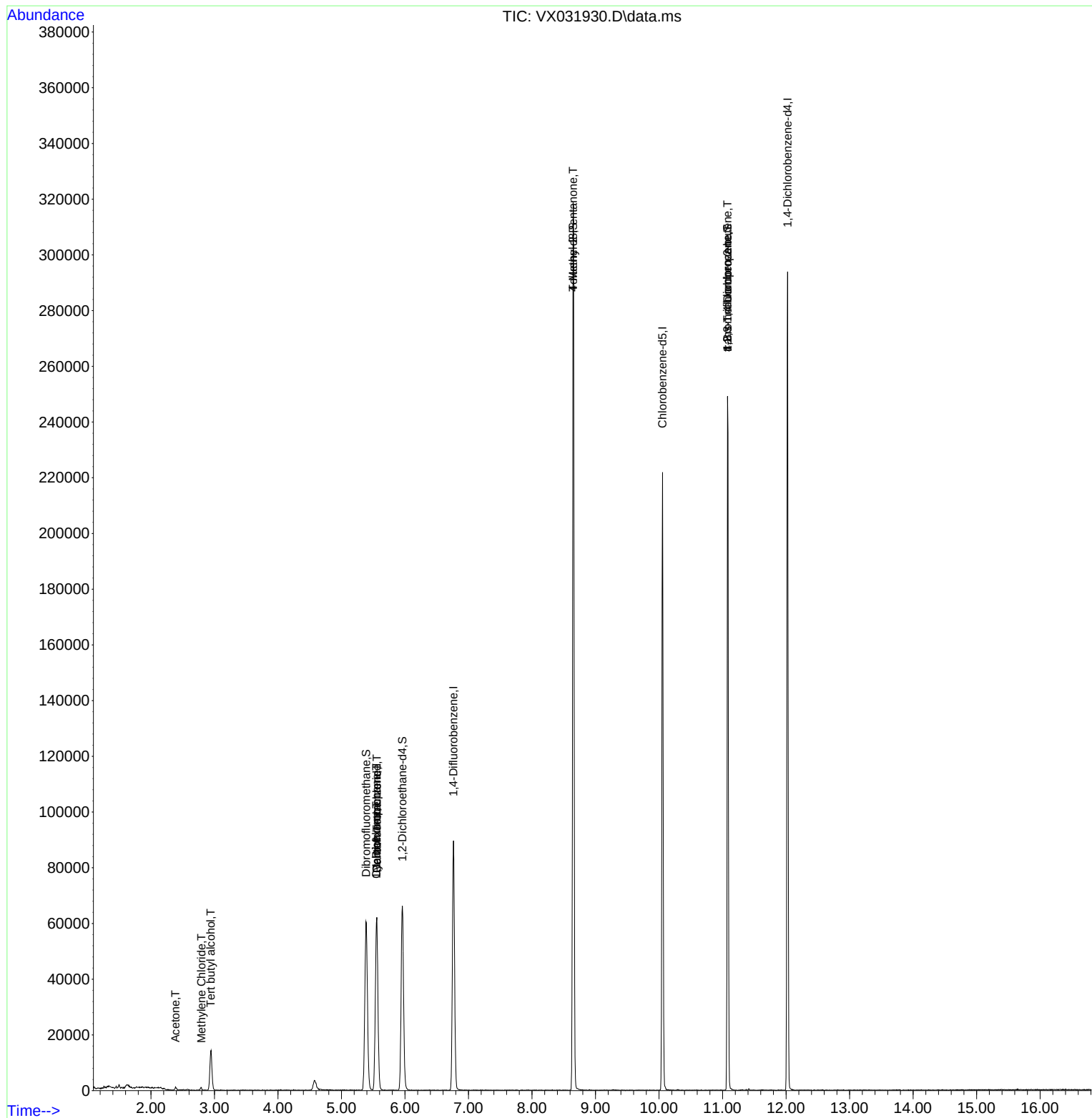
Internal Standards						
1) Pentafluorobenzene	5.556	168	59717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	92821	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63148	51.203	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.400%			
35) Dibromofluoromethane	5.385	113	52210	49.692	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.380%			
50) Toluene-d8	8.647	98	190461	50.377	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.760%			
62) 4-Bromofluorobenzene	11.079	95	65457	48.973	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.940%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	340	Below Cal	#	56
11) Tert butyl alcohol	2.941	59	8117	52.900	ug/l #	74
16) Acetone	2.386	43	1098	2.620	ug/l #	83
20) Methylene Chloride	2.794	84	516	0.468	ug/l #	48
31) Cyclohexane	5.550	56	1214	0.824	ug/l #	2
36) 1,1-Dichloropropene	5.550	75	4885	3.506	ug/l #	48
38) Carbon Tetrachloride	5.556	117	5932	4.164	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	796	0.604	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33780	26.906	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33780	92.206	ug/l #	11

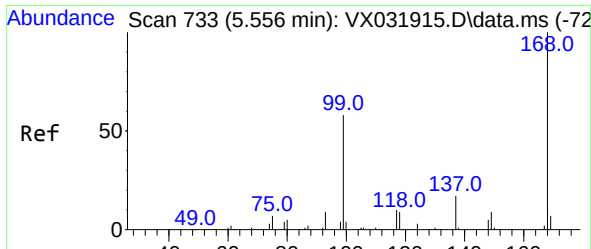
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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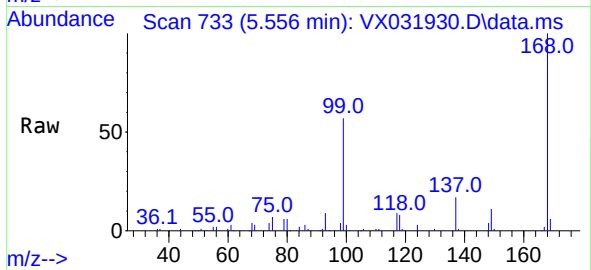
Quant Time: Oct 07 08:08:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 14:28:46 2022
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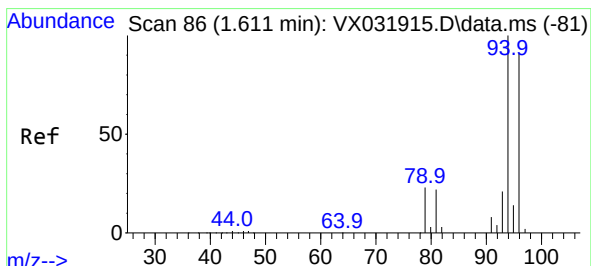
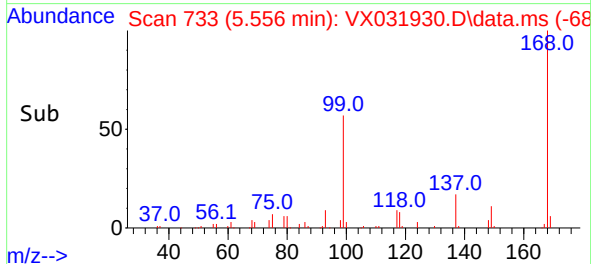
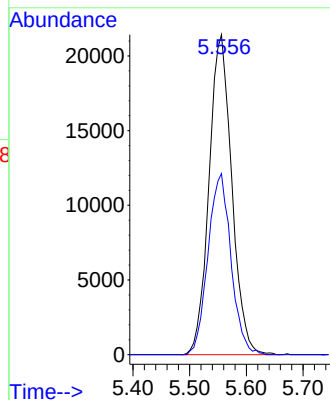


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031930.D
Acq: 06 Oct 2022 20:05

Instrument :
MSVOA_X
ClientSampleId :
MW-124

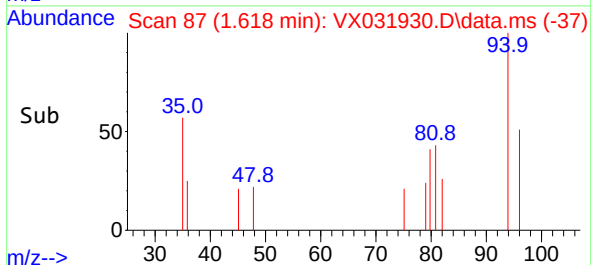
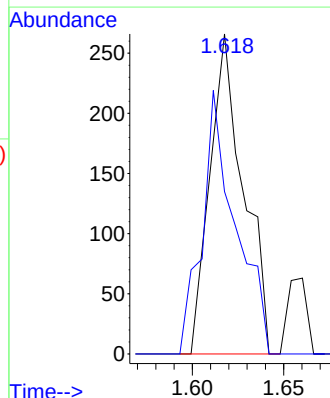
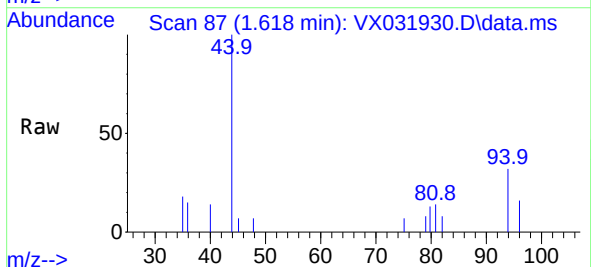


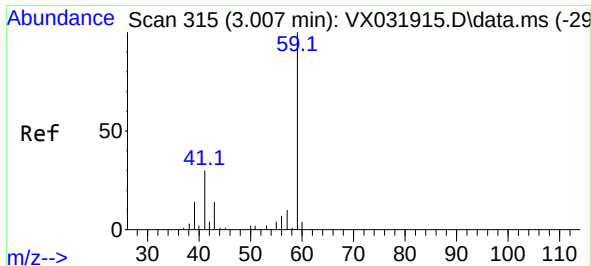
Tgt Ion:168 Resp: 59717
Ion Ratio Lower Upper
168 100
99 56.6 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX031930.D
Acq: 06 Oct 2022 20:05

Tgt Ion: 94 Resp: 340
Ion Ratio Lower Upper
94 100
96 50.8 74.4 111.6#

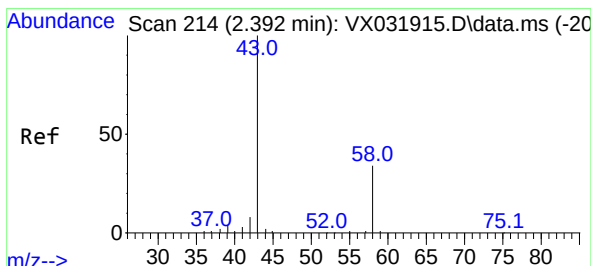
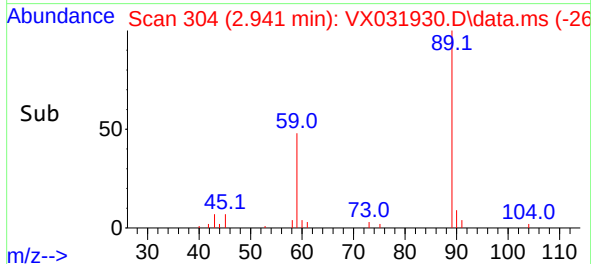
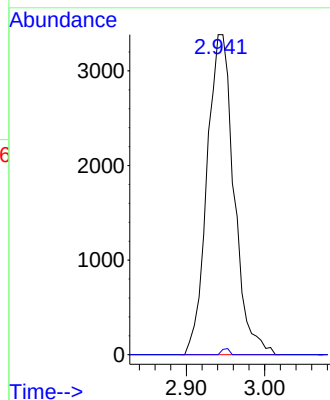
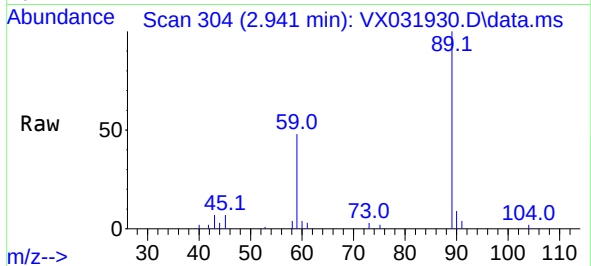




#11
Tert butyl alcohol
Concen: 52.900 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.066 min
Lab File: VX031930.D
Acq: 06 Oct 2022 20:05

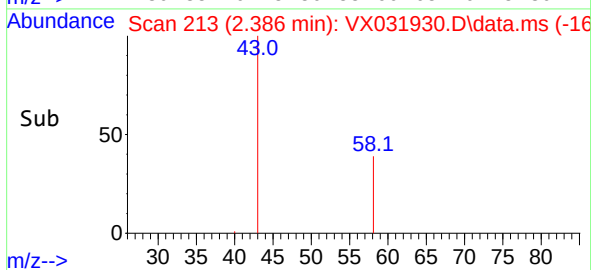
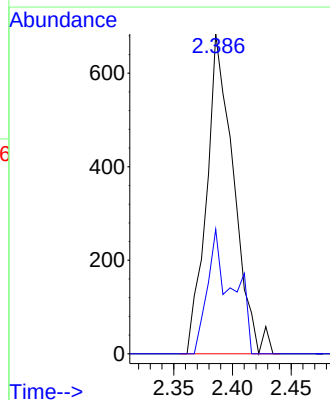
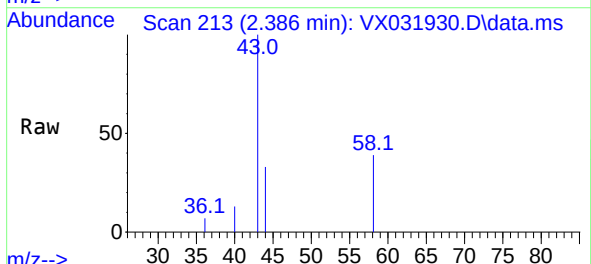
Instrument :
MSVOA_X
ClientSampleId :
MW-124

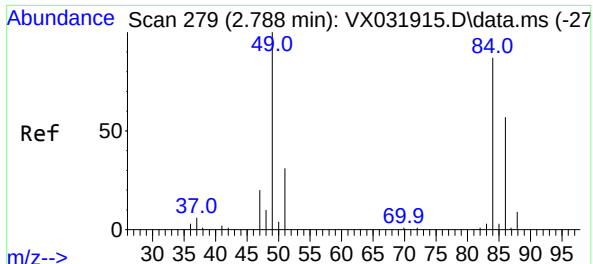
Tgt Ion: 59 Resp: 8117
Ion Ratio Lower Upper
59 100
57 0.5 8.2 12.2#



#16
Acetone
Concen: 2.620 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX031930.D
Acq: 06 Oct 2022 20:05

Tgt Ion: 43 Resp: 1098
Ion Ratio Lower Upper
43 100
58 38.9 23.8 35.8#





#20

Methylene Chloride

Concen: 0.468 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX031930.D

Acq: 06 Oct 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

MW-124

Tgt Ion: 84 Resp: 516

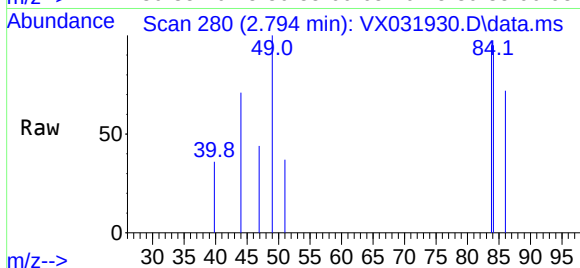
Ion Ratio Lower Upper

84 100

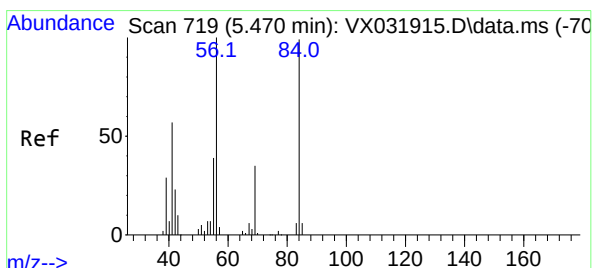
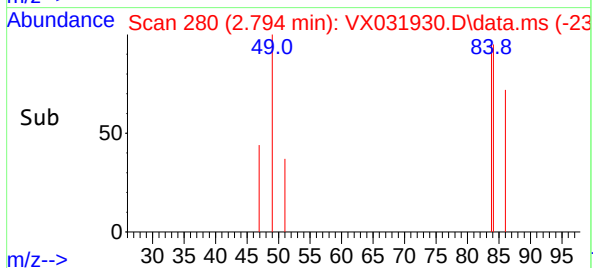
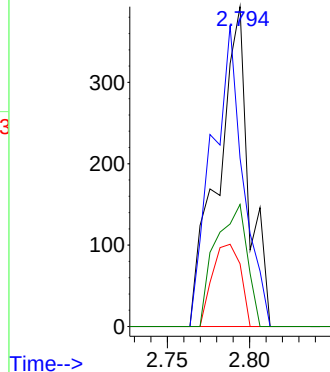
49 52.7 105.9 158.9#

51 19.6 32.2 48.2#

86 38.2 50.8 76.2#



Abundance



#31

Cyclohexane

Concen: 0.824 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX031930.D

Acq: 06 Oct 2022 20:05

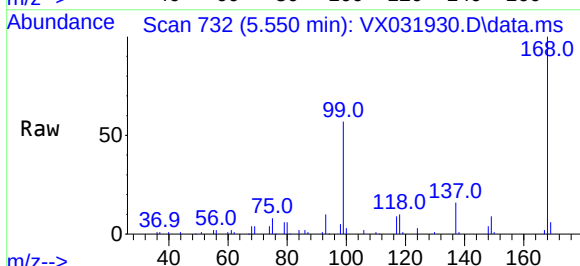
Tgt Ion: 56 Resp: 1214

Ion Ratio Lower Upper

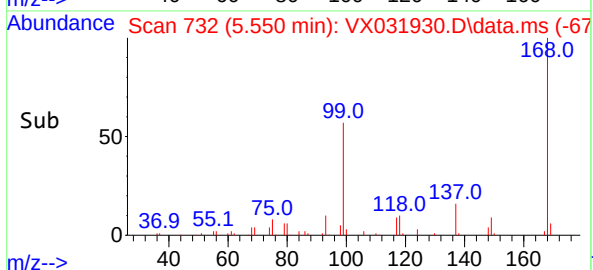
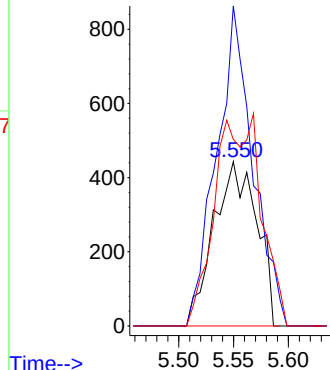
56 100

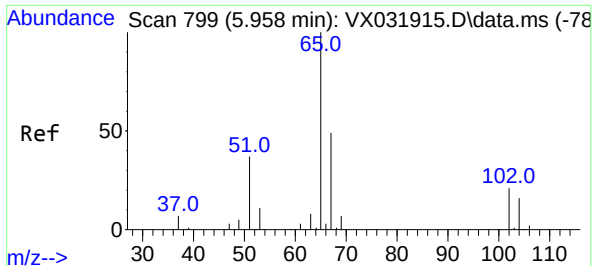
69 194.8 25.1 37.7#

84 113.5 70.2 105.4#



Abundance





#33

1,2-Dichloroethane-d4

Concen: 51.203 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031930.D

Acq: 06 Oct 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

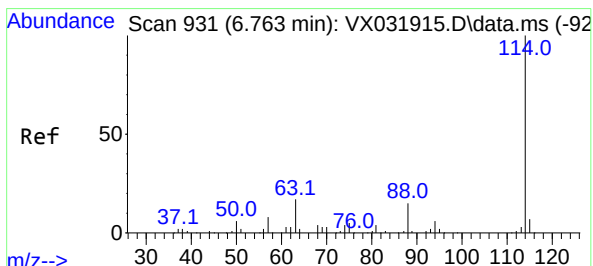
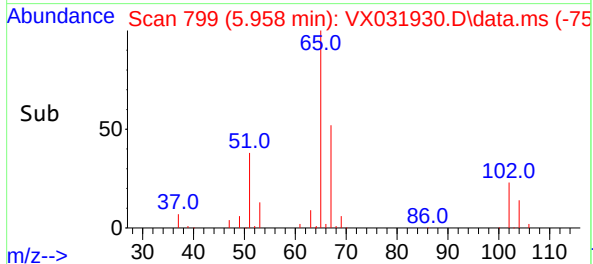
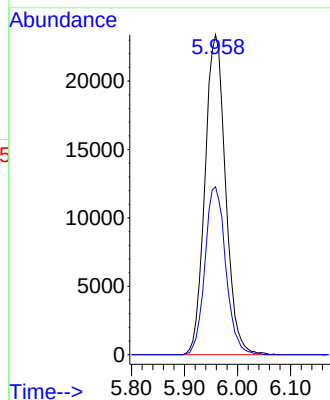
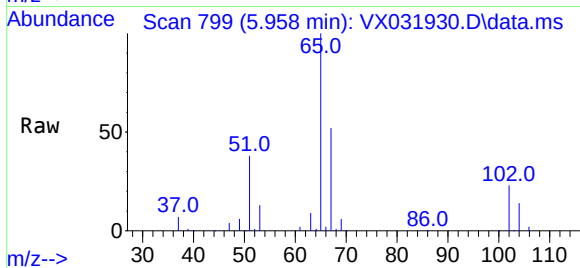
MW-124

Tgt Ion: 65 Resp: 63148

Ion Ratio Lower Upper

65 100

67 53.0 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031930.D

Acq: 06 Oct 2022 20:05

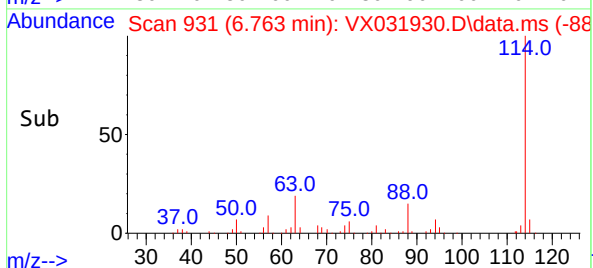
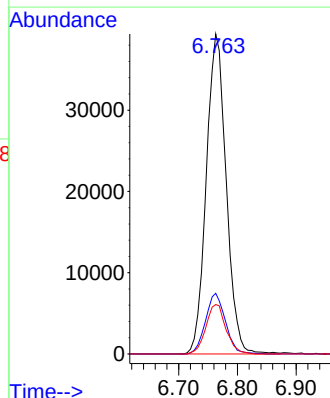
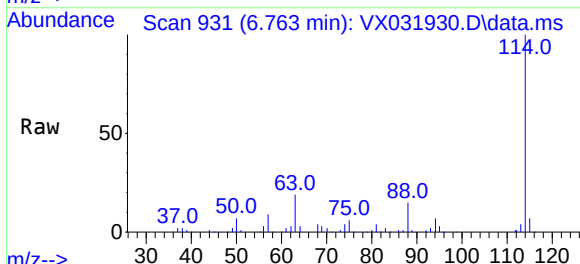
Tgt Ion: 114 Resp: 92821

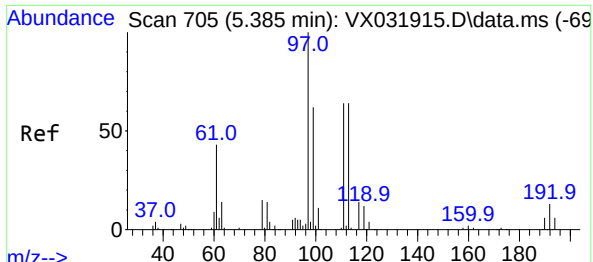
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.6

88 15.4 0.0 33.0

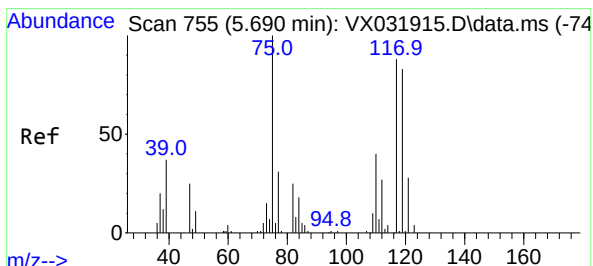
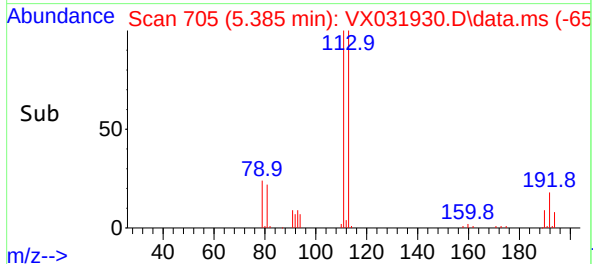
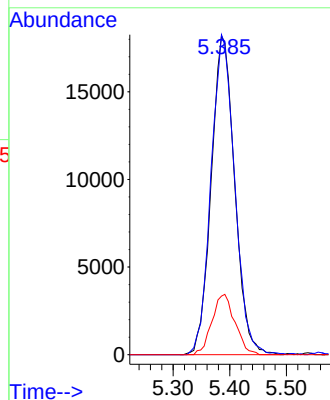
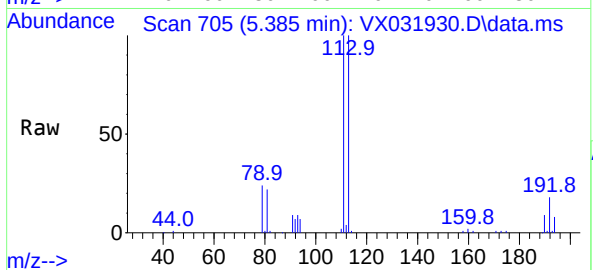




#35
Dibromofluoromethane
Concen: 49.692 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031930.D
Acq: 06 Oct 2022 20:05

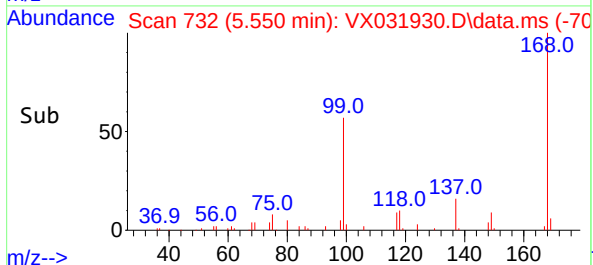
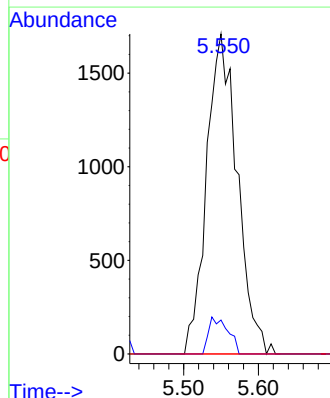
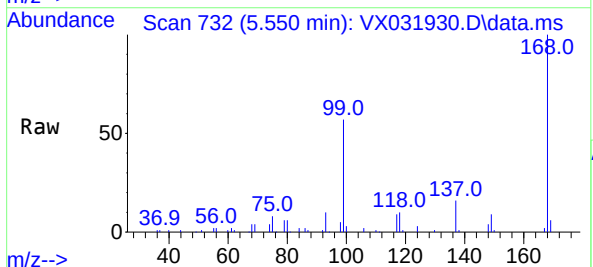
Instrument :
MSVOA_X
ClientSampleId :
MW-124

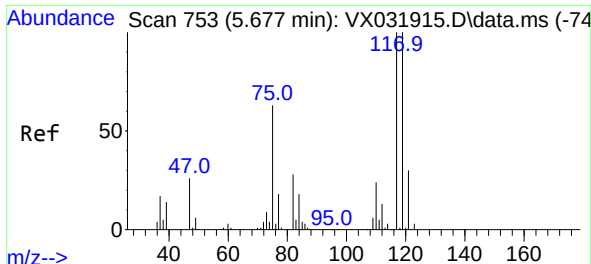
Tgt Ion:113 Resp: 52210
Ion Ratio Lower Upper
113 100
111 101.1 82.4 123.6
192 18.5 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.506 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX031930.D
Acq: 06 Oct 2022 20:05

Tgt Ion: 75 Resp: 4885
Ion Ratio Lower Upper
75 100
110 7.2 17.5 52.5#
77 0.0 24.9 37.3#

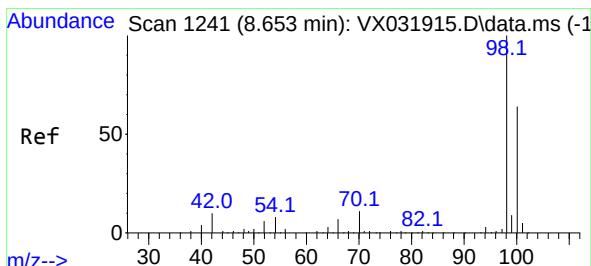
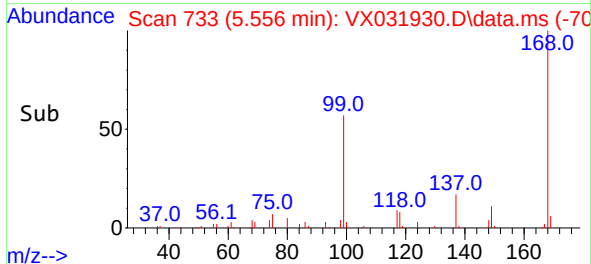
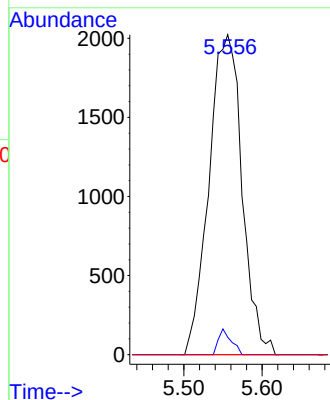
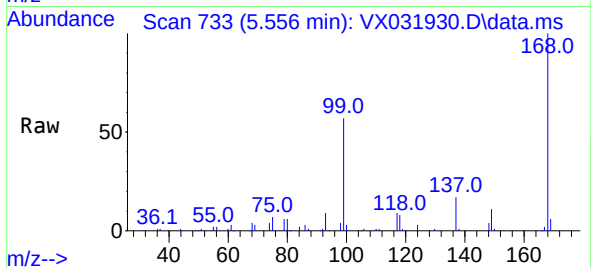




#38
Carbon Tetrachloride
Concen: 4.164 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX031930.D
Acq: 06 Oct 2022 20:05

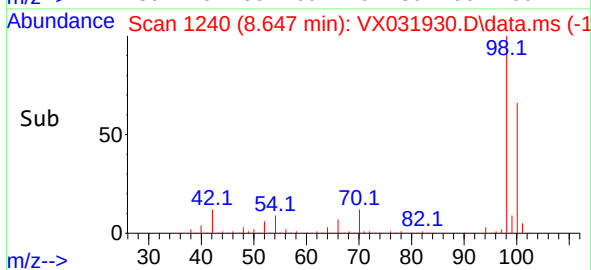
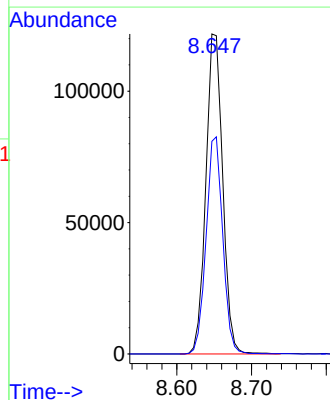
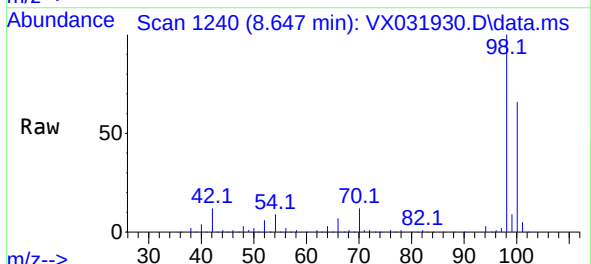
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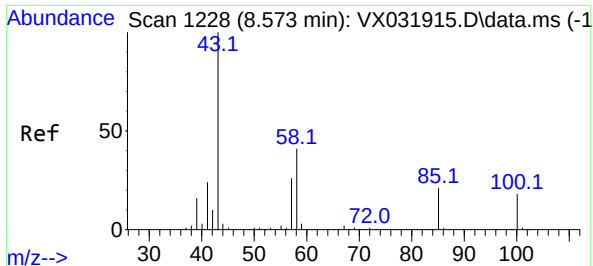
Tgt Ion:117 Resp: 5932
Ion Ratio Lower Upper
117 100
119 5.4 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 50.377 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031930.D
Acq: 06 Oct 2022 20:05

Tgt Ion: 98 Resp: 190461
Ion Ratio Lower Upper
98 100
100 67.1 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.604 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.074 min

Lab File: VX031930.D

Acq: 06 Oct 2022 20:05

Instrument :

MSVOA_X

ClientSampleId :

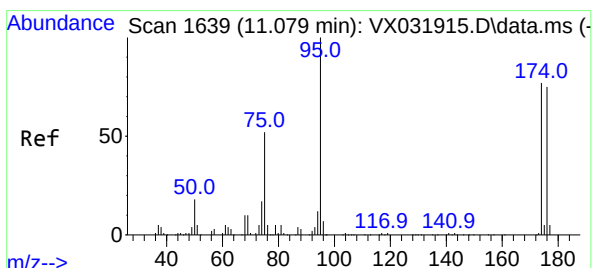
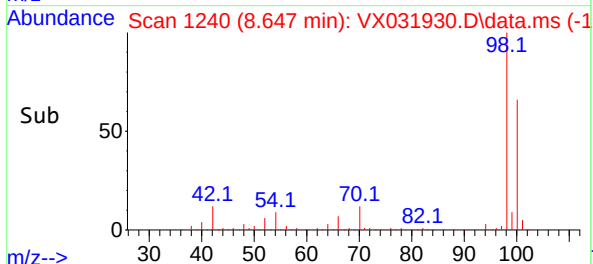
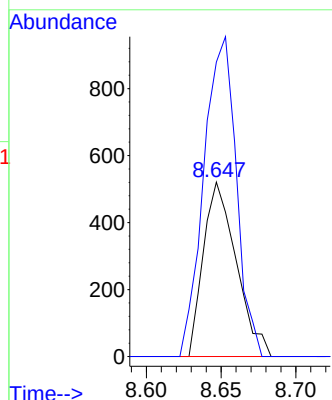
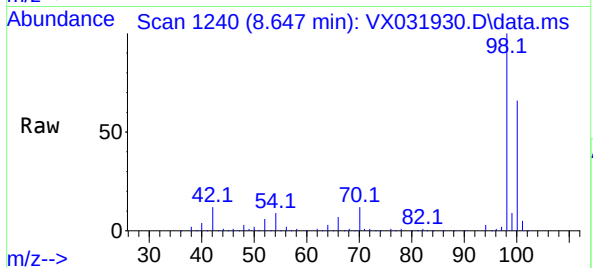
MW-124

Tgt Ion: 43 Resp: 796

Ion Ratio Lower Upper

43 100

58 181.2 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 48.973 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031930.D

Acq: 06 Oct 2022 20:05

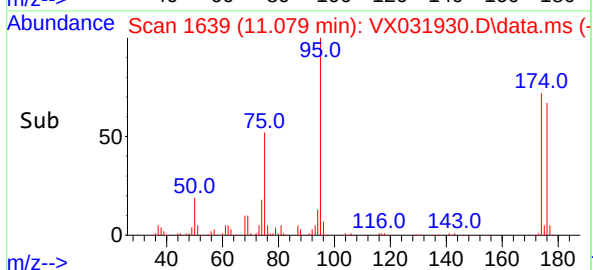
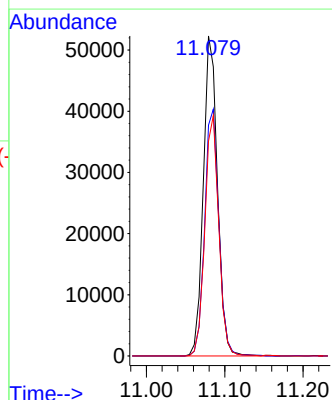
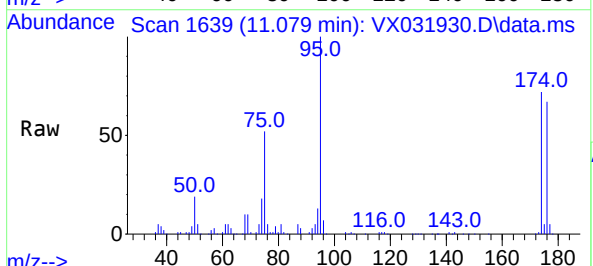
Tgt Ion: 95 Resp: 65457

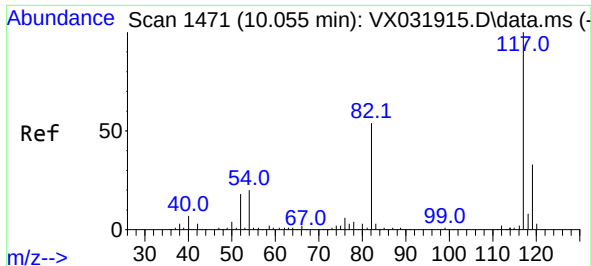
Ion Ratio Lower Upper

95 100

174 77.3 0.0 153.2

176 73.9 0.0 144.0

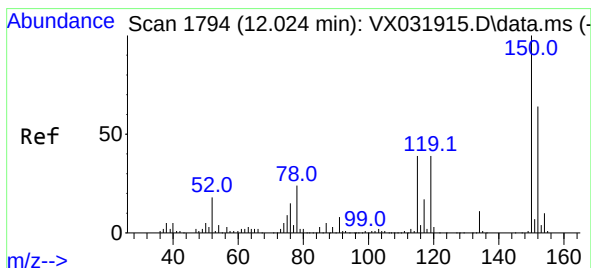
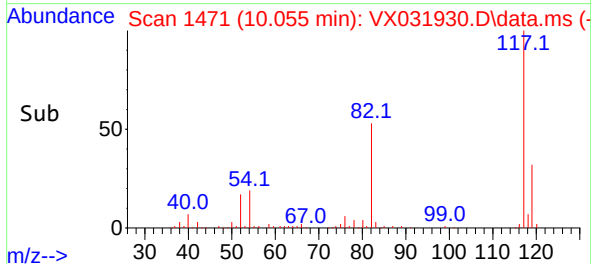
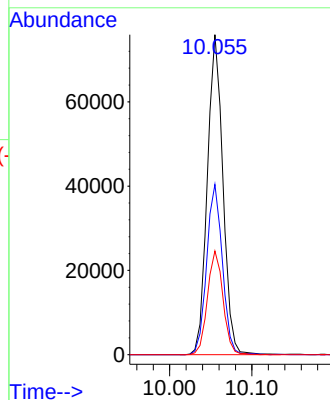
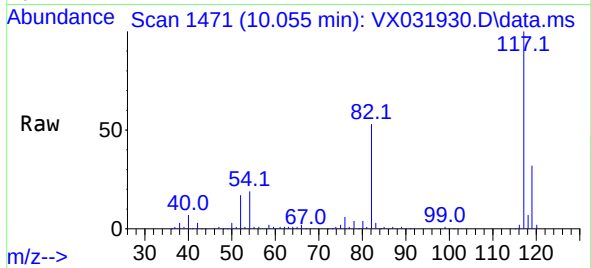




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031930.D
Acq: 06 Oct 2022 20:05

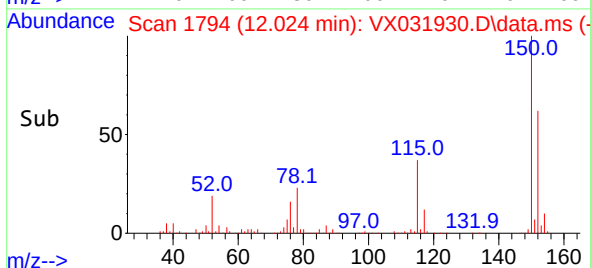
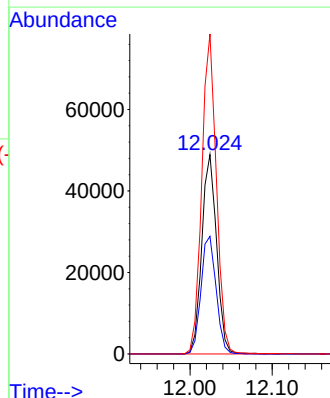
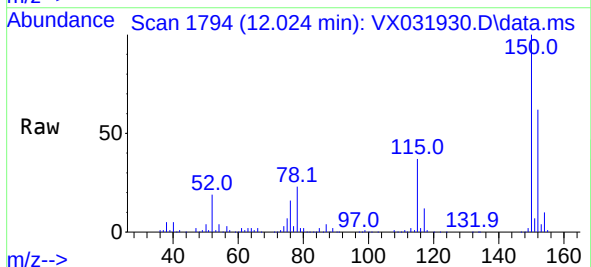
Instrument :
MSVOA_X
ClientSampleId :
MW-124

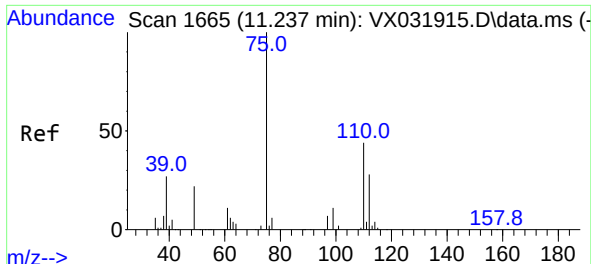
Tgt Ion:117 Resp: 100105
Ion Ratio Lower Upper
117 100
82 53.2 46.8 70.2
119 32.4 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031930.D
Acq: 06 Oct 2022 20:05

Tgt Ion:152 Resp: 61259
Ion Ratio Lower Upper
152 100
115 60.3 43.4 130.1
150 157.9 0.0 346.8

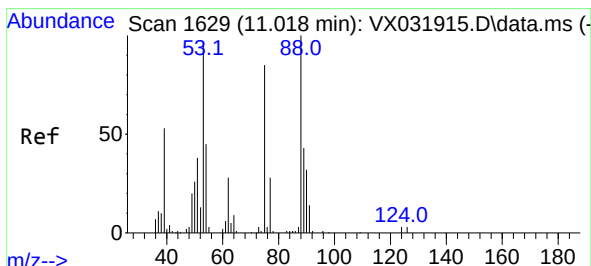
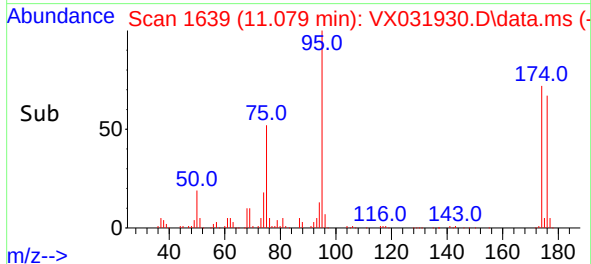
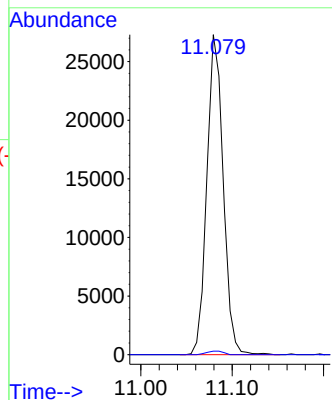
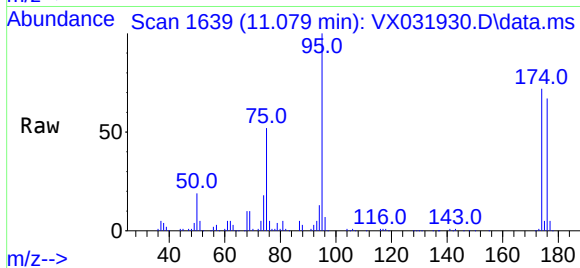




#76
1,2,3-Trichloropropane
Concen: 26.906 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031930.D
Acq: 06 Oct 2022 20:05

Instrument :
MSVOA_X
ClientSampleId :
MW-124

Tgt Ion: 75 Resp: 33780
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.206 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031930.D
Acq: 06 Oct 2022 20:05

Tgt Ion: 75 Resp: 33780
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

