

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031921.D
 Acq On : 06 Oct 2022 16:30
 Operator : JC/MD
 Sample : VX1006WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1006WBL01

Quant Time: Oct 07 08:06:53 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)

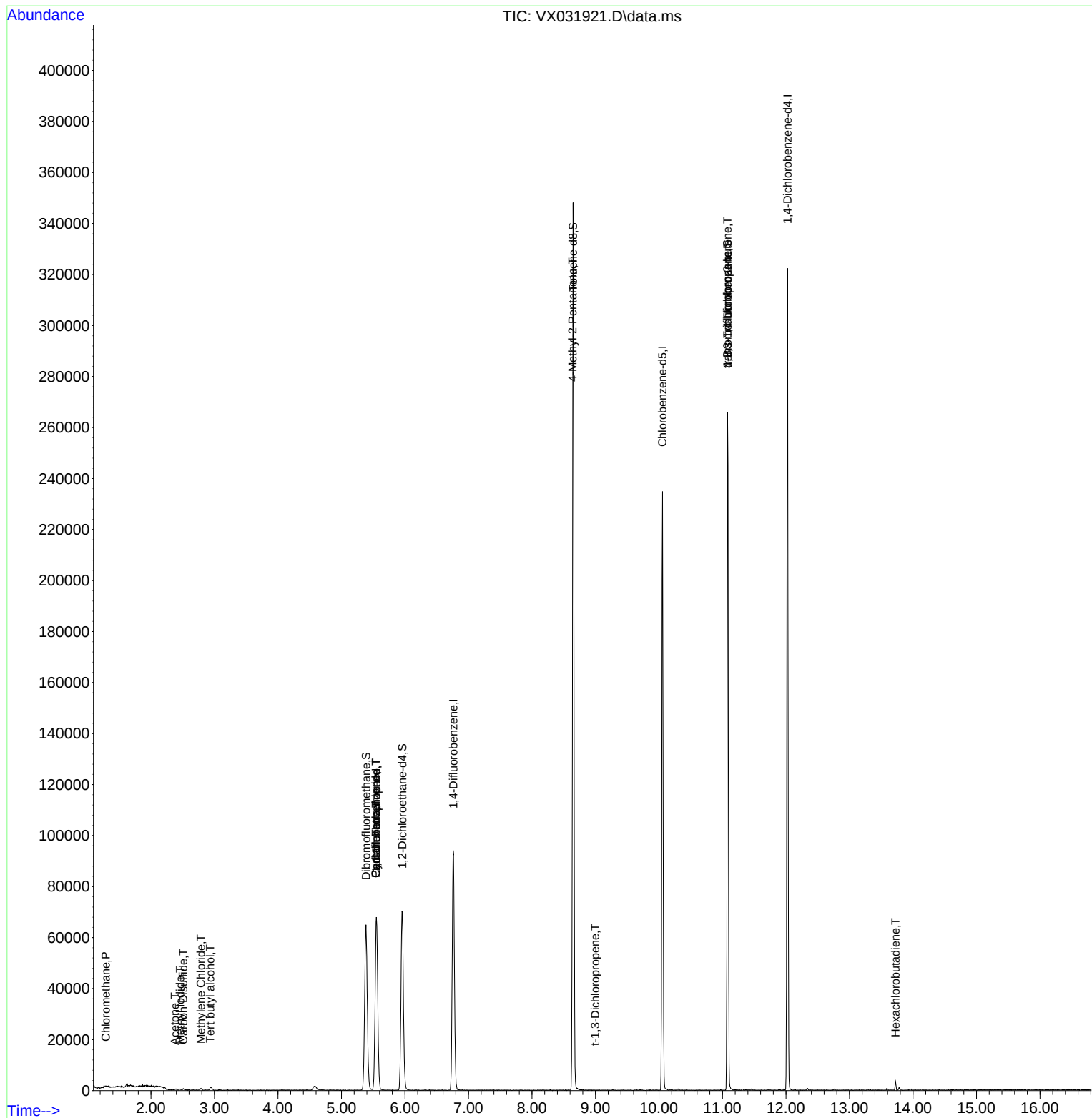
Internal Standards						
1) Pentafluorobenzene	5.544	168	65638	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	99500	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	106610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67442	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66868	49.329	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.660%		
35) Dibromofluoromethane	5.385	113	55467	49.248	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.500%		
50) Toluene-d8	8.647	98	203583	50.233	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.460%		
62) 4-Bromofluorobenzene	11.079	95	70099	48.926	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.860%		
Target Compounds						Qvalue
3) Chloromethane	1.288	50	219	0.214	ug/l #	41
5) Bromomethane	1.618	94	508	Below Cal	#	69
10) Methyl Iodide	2.459	142	341	3.047	ug/l #	73
11) Tert butyl alcohol	2.935	59	955	5.662	ug/l #	73
16) Acetone	2.380	43	316	0.686	ug/l #	45
17) Carbon Disulfide	2.508	76	560	0.261	ug/l #	75
20) Methylene Chloride	2.788	84	385	0.318	ug/l #	66
31) Cyclohexane	5.544	56	1464	0.904	ug/l #	41
36) 1,1-Dichloropropene	5.550	75	4930	3.301	ug/l #	49
38) Carbon Tetrachloride	5.544	117	6824	4.469	ug/l #	17
51) 4-Methyl-2-Pentanone	8.641	43	941	0.666	ug/l #	1
53) t-1,3-Dichloropropene	8.994	75	22	1.221	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	36077	26.101	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36077	89.555	ug/l #	11
94) Hexachlorobutadiene	13.725	225	498	0.855	ug/l	94

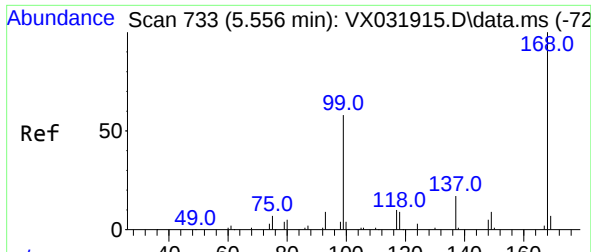
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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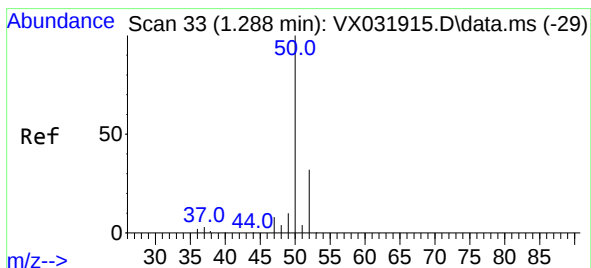
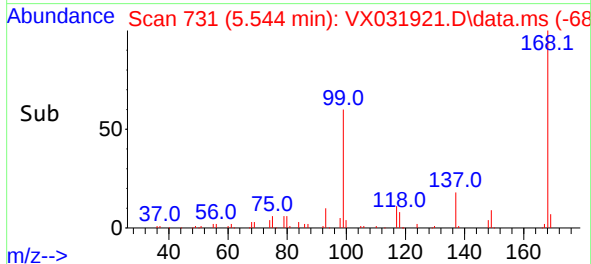
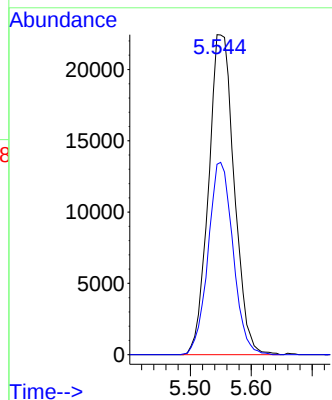
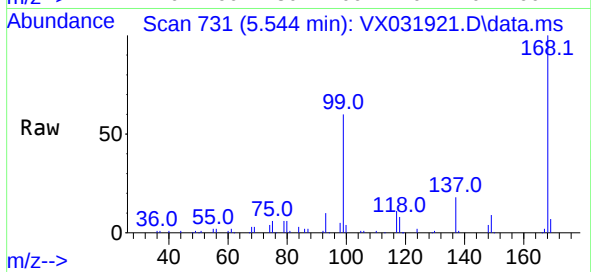




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX031921.D
Acq: 06 Oct 2022 16:30

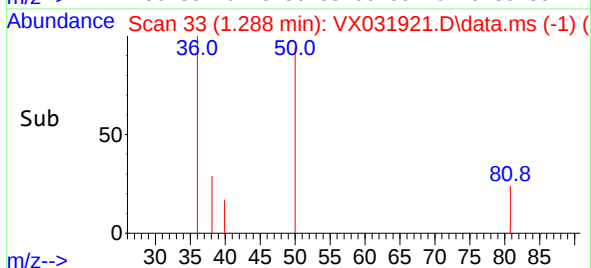
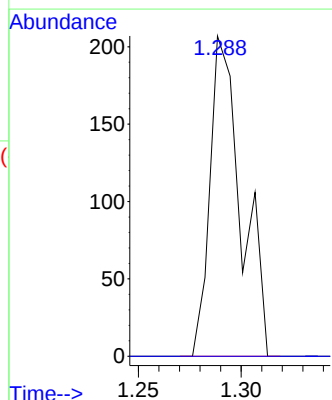
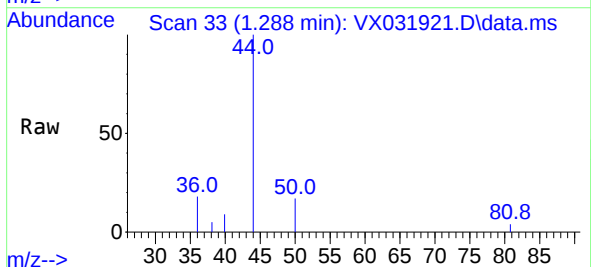
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBL01

Tgt Ion:168 Resp: 65638
Ion Ratio Lower Upper
168 100
99 59.5 48.8 73.2

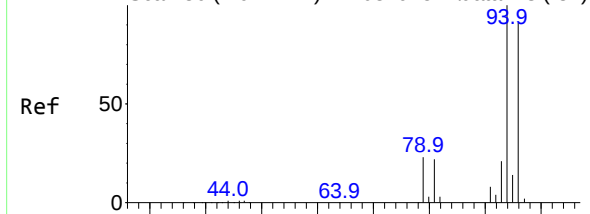


#3
Chloromethane
Concen: 0.214 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031921.D
Acq: 06 Oct 2022 16:30

Tgt Ion: 50 Resp: 219
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

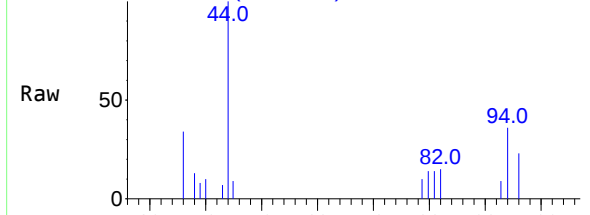


Abundance Scan 86 (1.611 min): VX031915.D\data.ms (-81)



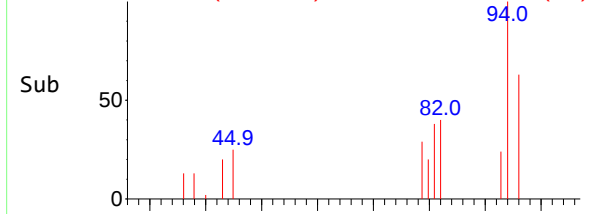
m/z-->

Abundance Scan 87 (1.618 min): VX031921.D\data.ms



m/z-->

Abundance Scan 87 (1.618 min): VX031921.D\data.ms (-37)



m/z-->

#5

Bromomethane

Concen: Below Cal

RT: 1.618 min Scan# 81

Delta R.T. 0.007 min

Lab File: VX031921.D

Acq: 06 Oct 2022 16:30

Instrument :

MSVOA_X

ClientSampleId :

VX1006WBL01

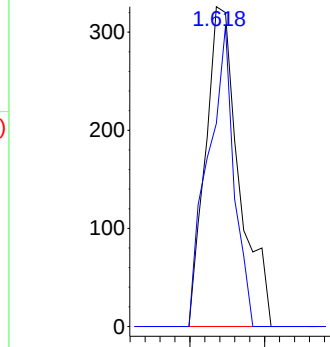
Tgt Ion: 94 Resp: 508

Ion Ratio Lower Upper

94 100

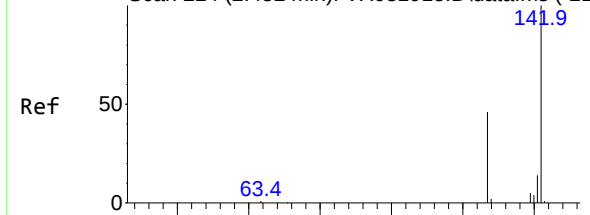
96 63.5 74.4 111.6#

Abundance



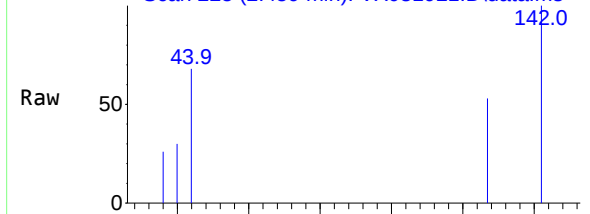
Time-->

Abundance Scan 224 (2.452 min): VX031915.D\data.ms (-21)



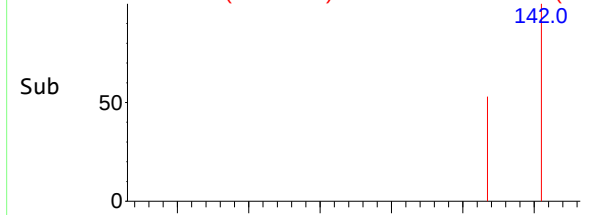
m/z-->

Abundance Scan 225 (2.459 min): VX031921.D\data.ms



m/z-->

Abundance Scan 225 (2.459 min): VX031921.D\data.ms (-17)



m/z-->

#10

Methyl Iodide

Concen: 3.047 ug/l

RT: 2.459 min Scan# 225

Delta R.T. 0.007 min

Lab File: VX031921.D

Acq: 06 Oct 2022 16:30

Tgt Ion:142 Resp: 341

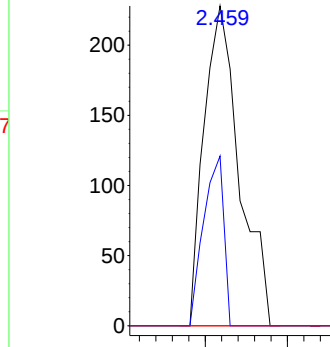
Ion Ratio Lower Upper

142 100

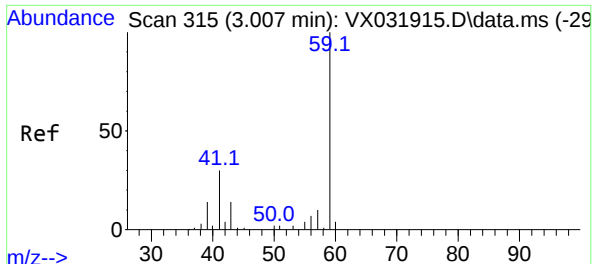
127 30.2 37.4 56.0#

141 0.0 11.6 17.4#

Abundance



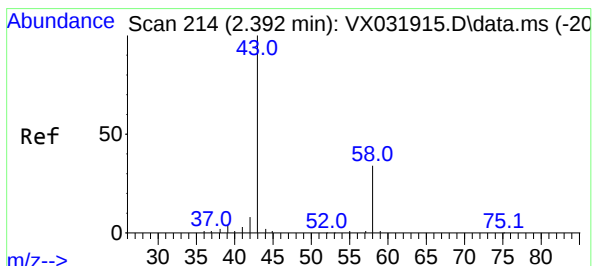
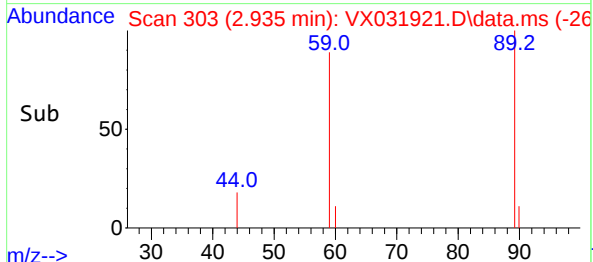
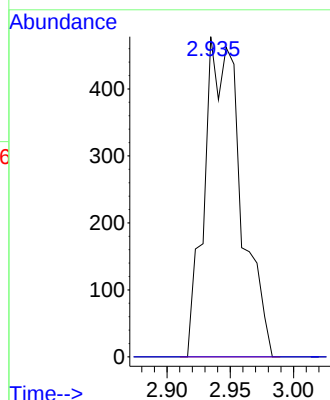
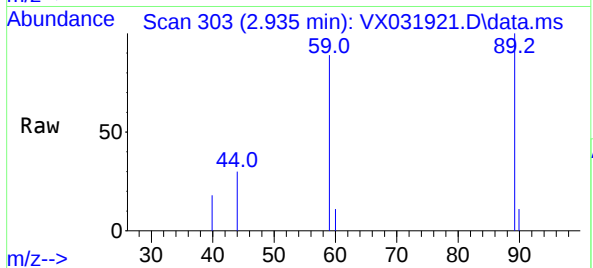
Time-->



#11
Tert butyl alcohol
Concen: 5.662 ug/l
RT: 2.935 min Scan# 30
Delta R.T. -0.072 min
Lab File: VX031921.D
Acq: 06 Oct 2022 16:30

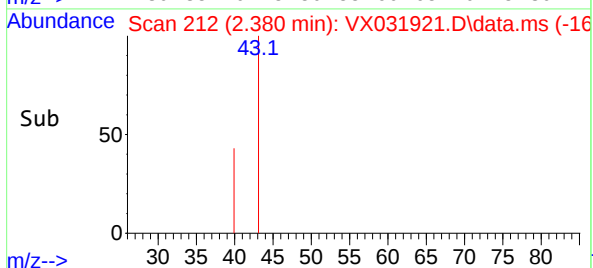
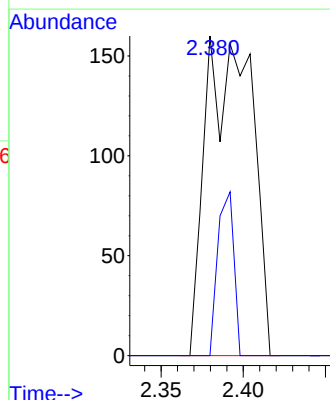
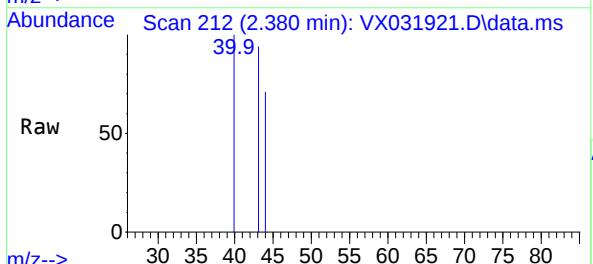
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBL01

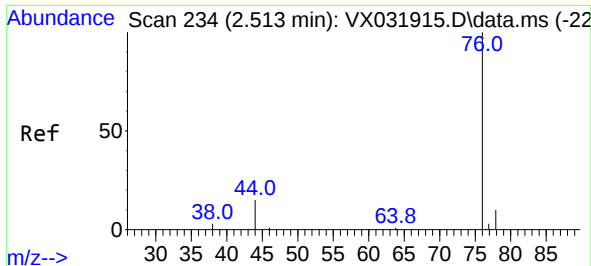
Tgt Ion: 59 Resp: 955
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 0.686 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX031921.D
Acq: 06 Oct 2022 16:30

Tgt Ion: 43 Resp: 316
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#

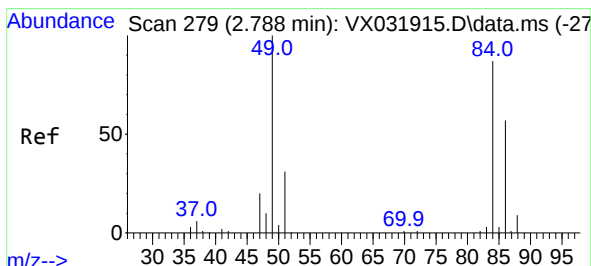
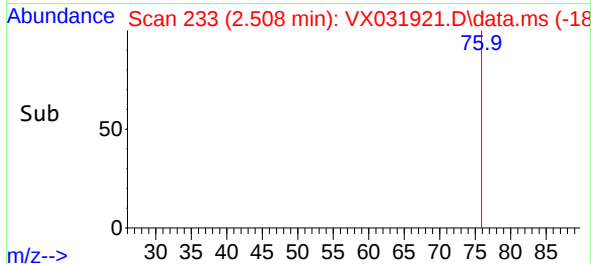
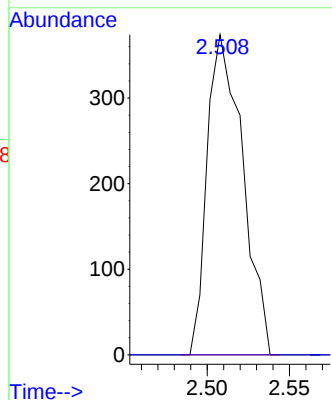
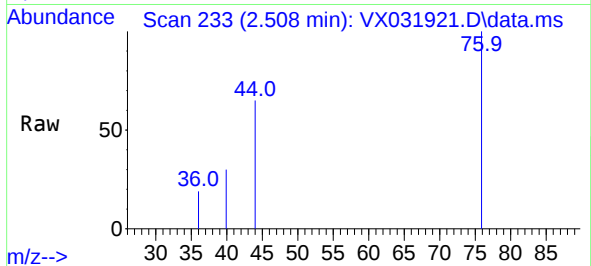




#17
Carbon Disulfide
Concen: 0.261 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.005 min
Lab File: VX031921.D
Acq: 06 Oct 2022 16:30

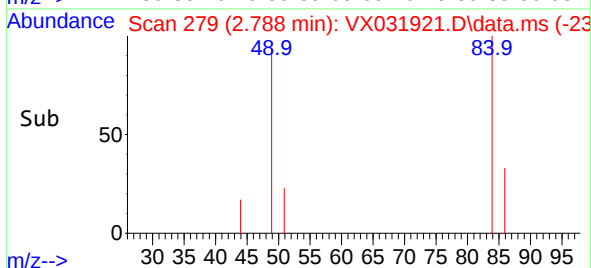
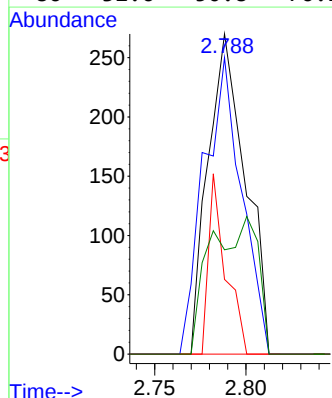
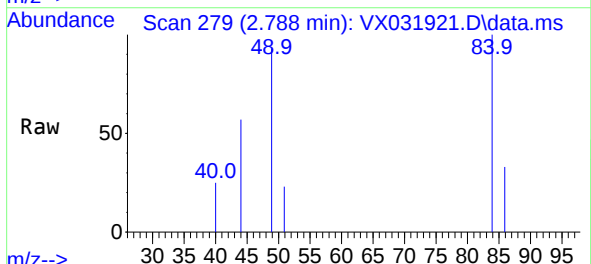
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBL01

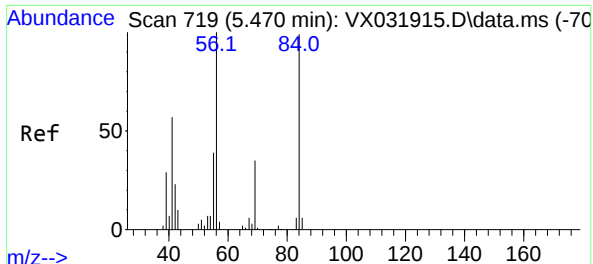
Tgt Ion: 76 Resp: 560
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.318 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031921.D
Acq: 06 Oct 2022 16:30

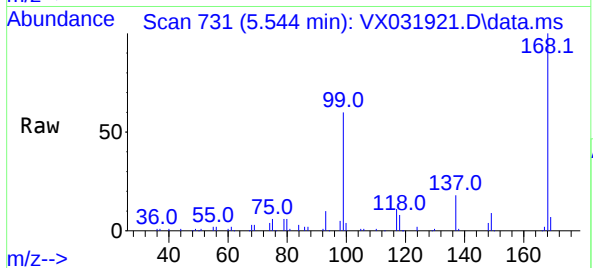
Tgt Ion: 84 Resp: 385
Ion Ratio Lower Upper
84 100
49 92.6 105.9 158.9#
51 23.3 32.2 48.2#
86 32.6 50.8 76.2#



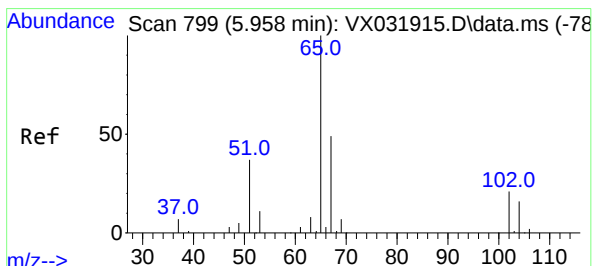
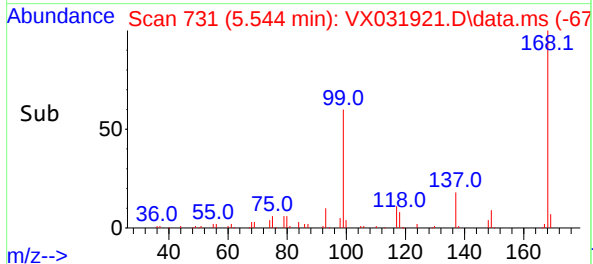
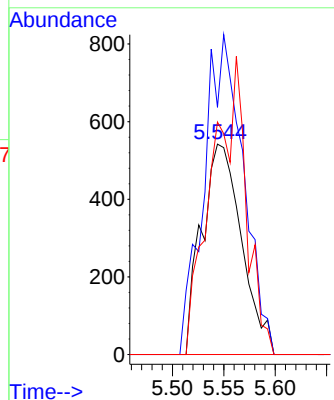


#31
Cyclohexane
Concen: 0.904 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX031921.D
Acq: 06 Oct 2022 16:30

Instrument :
MSVOA_X
ClientSampleId :
VX1006WBL01

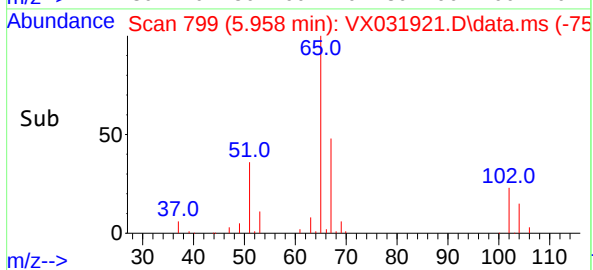
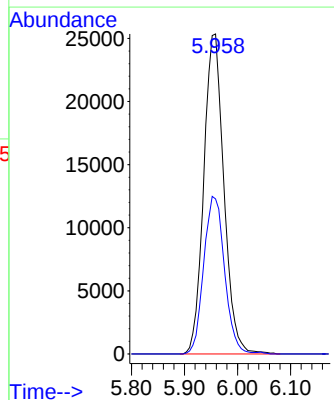
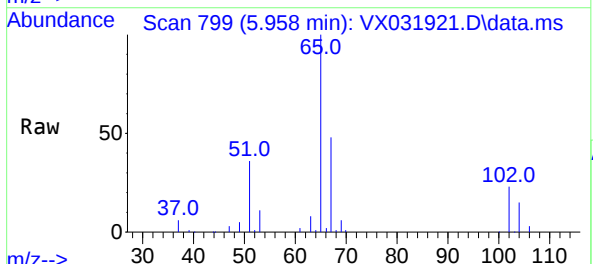


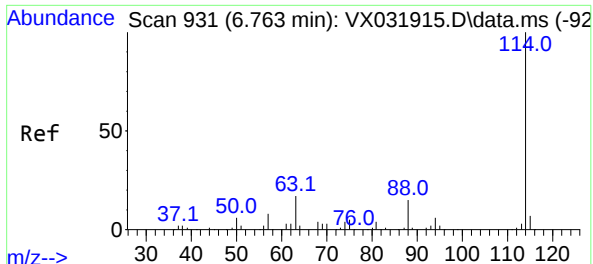
Tgt Ion: 56 Resp: 1464
Ion Ratio Lower Upper
56 100
69 117.5 25.1 37.7#
84 110.5 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 49.329 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031921.D
Acq: 06 Oct 2022 16:30

Tgt Ion: 65 Resp: 66868
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.4

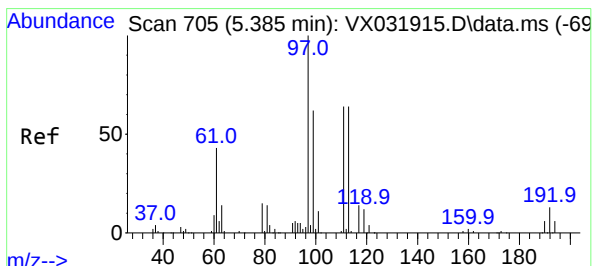
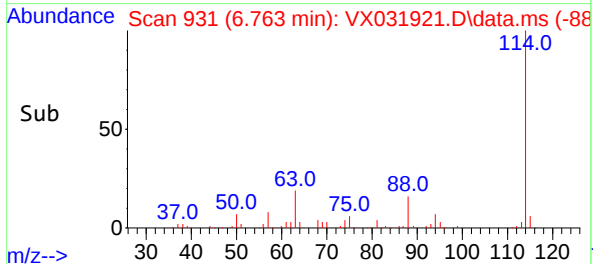
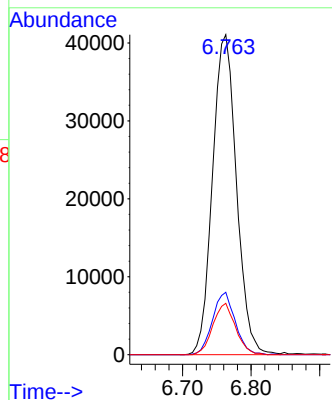
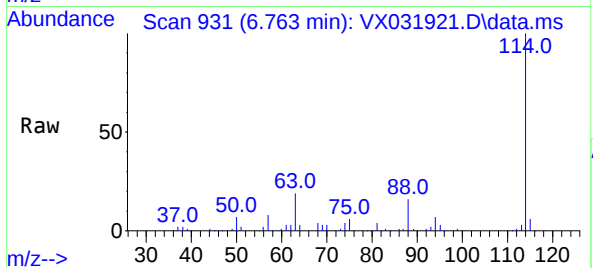




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031921.D
Acq: 06 Oct 2022 16:30

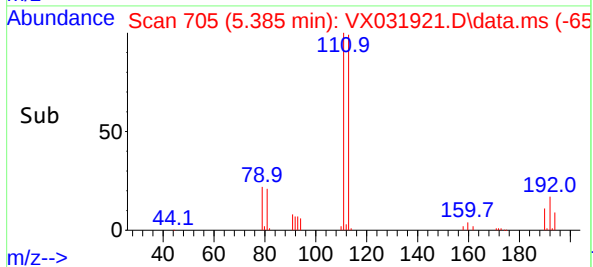
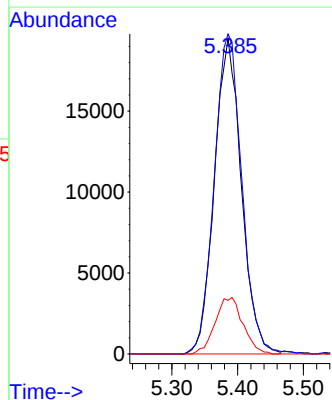
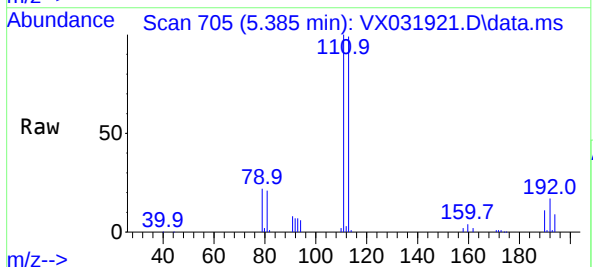
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBL01

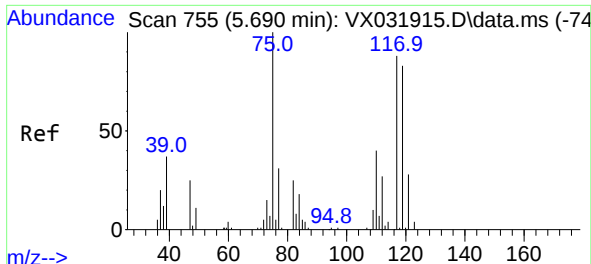
Tgt Ion:114 Resp: 99500
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.6
88 16.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.248 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031921.D
Acq: 06 Oct 2022 16:30

Tgt Ion:113 Resp: 55467
Ion Ratio Lower Upper
113 100
111 104.2 82.4 123.6
192 18.5 14.1 21.1

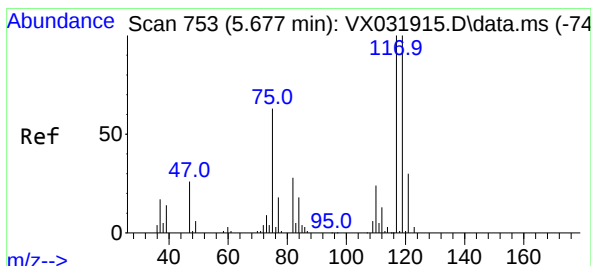
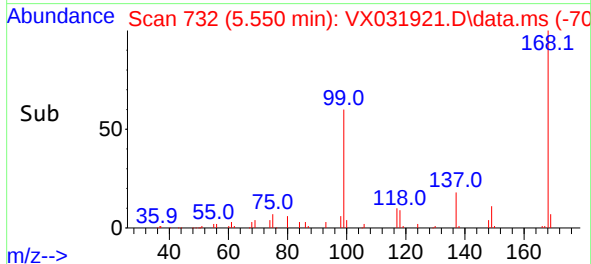
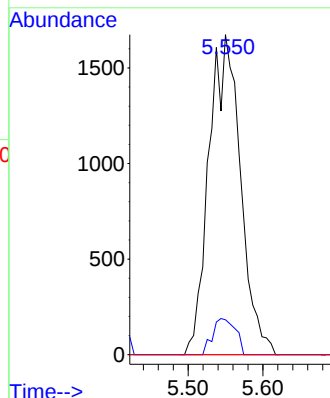
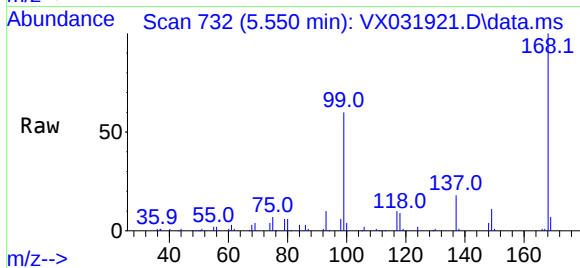




#36
1,1-Dichloropropene
Concen: 3.301 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX031921.D
Acq: 06 Oct 2022 16:30

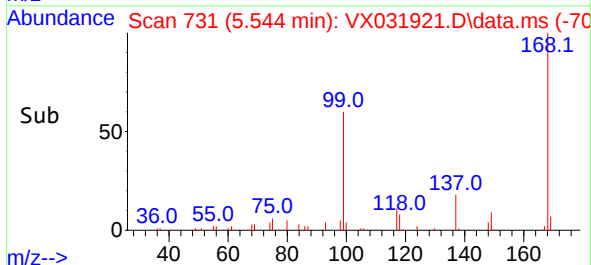
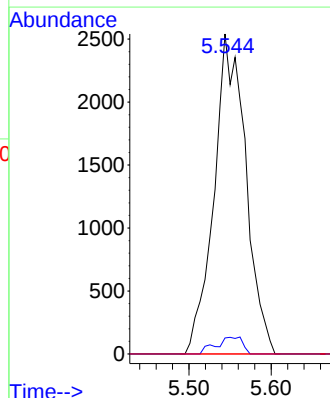
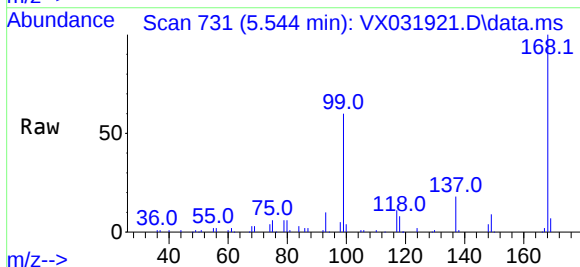
Instrument :
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VX1006WBL01

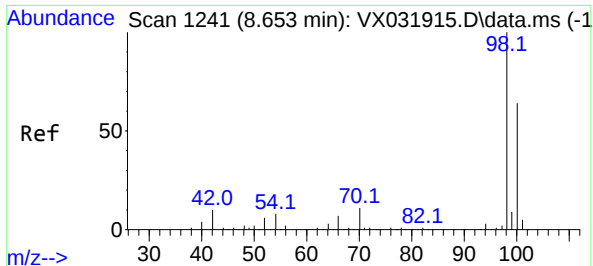
Tgt Ion: 75 Resp: 4930
Ion Ratio Lower Upper
75 100
110 8.2 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.469 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.133 min
Lab File: VX031921.D
Acq: 06 Oct 2022 16:30

Tgt Ion: 117 Resp: 6824
Ion Ratio Lower Upper
117 100
119 5.0 74.6 112.0#
121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 50.233 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX031921.D

Acq: 06 Oct 2022 16:30

Instrument :

MSVOA_X

ClientSampleId :

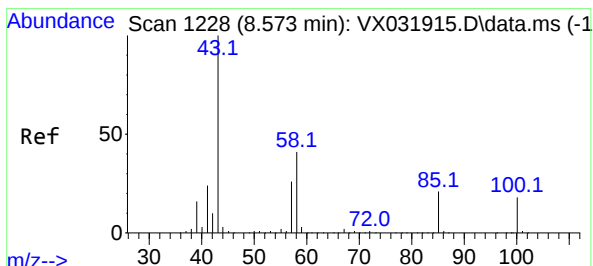
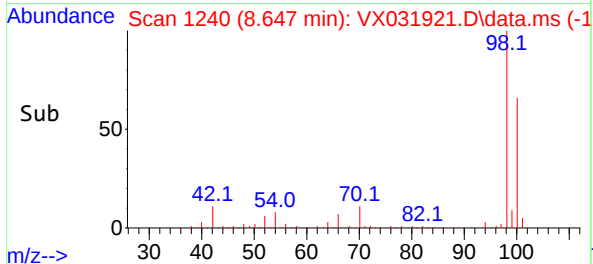
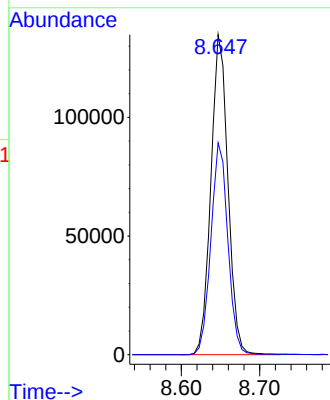
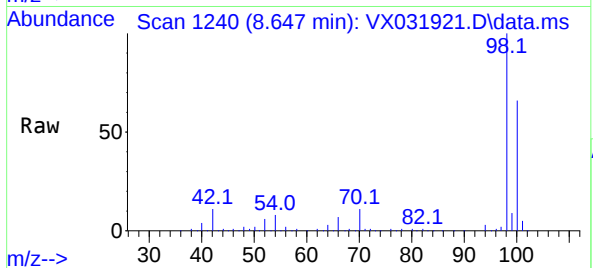
VX1006WBL01

Tgt Ion: 98 Resp: 203583

Ion Ratio Lower Upper

98 100

100 66.1 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.666 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.068 min

Lab File: VX031921.D

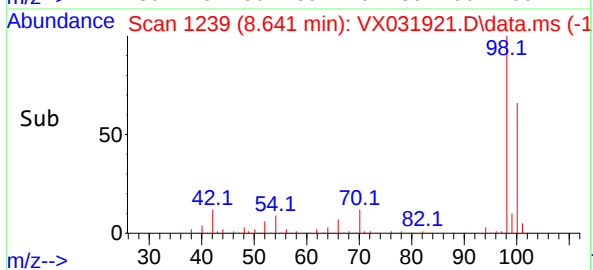
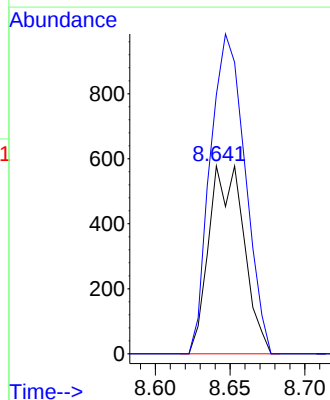
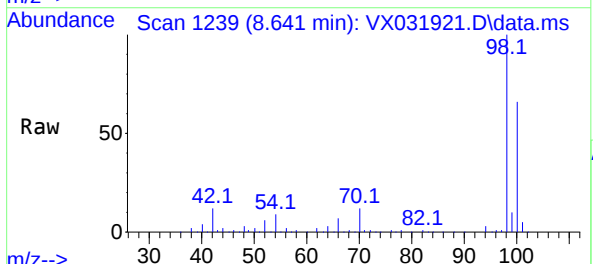
Acq: 06 Oct 2022 16:30

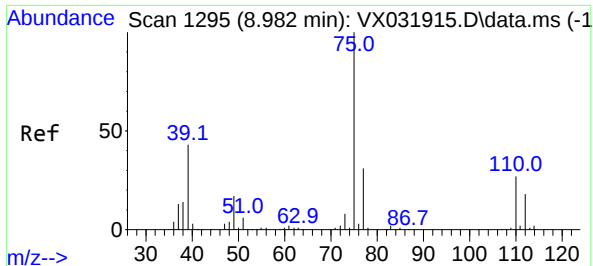
Tgt Ion: 43 Resp: 941

Ion Ratio Lower Upper

43 100

58 169.6 30.6 46.0#





#53

t-1,3-Dichloropropene

Concen: 1.221 ug/l

RT: 8.994 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX031921.D

Acq: 06 Oct 2022 16:30

Instrument :

MSVOA_X

ClientSampleId :

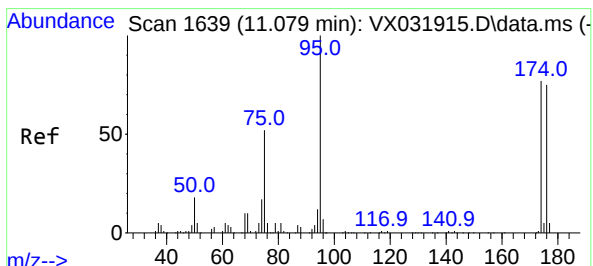
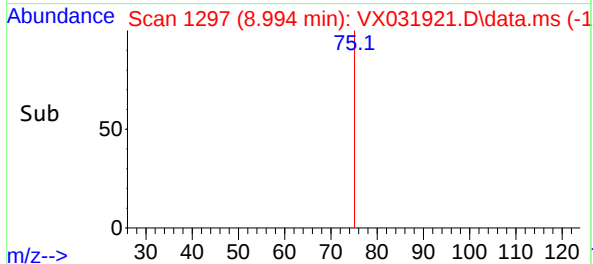
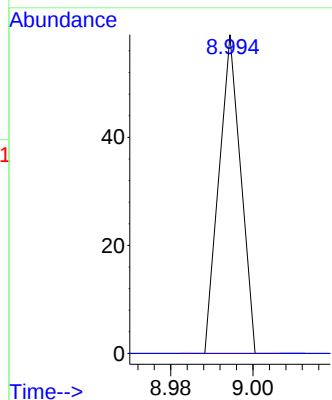
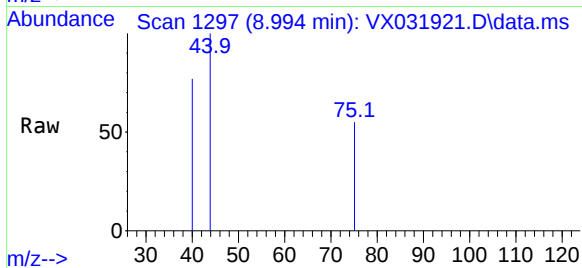
VX1006WBL01

Tgt Ion: 75 Resp: 22

Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#



#62

4-Bromofluorobenzene

Concen: 48.926 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031921.D

Acq: 06 Oct 2022 16:30

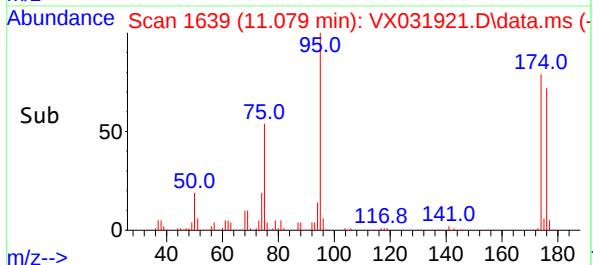
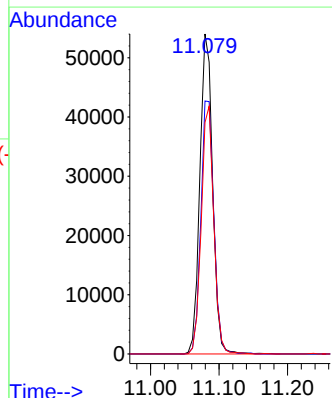
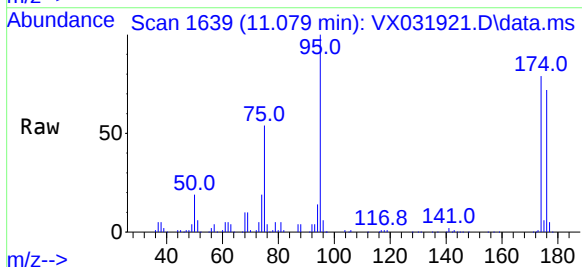
Tgt Ion: 95 Resp: 70099

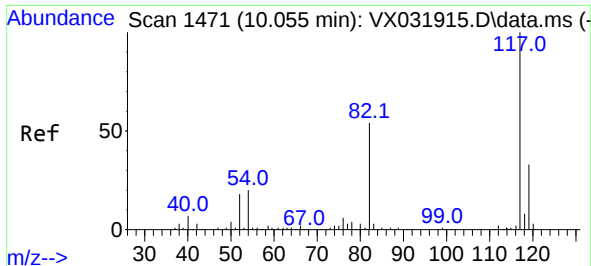
Ion Ratio Lower Upper

95 100

174 80.4 0.0 153.2

176 75.9 0.0 144.0

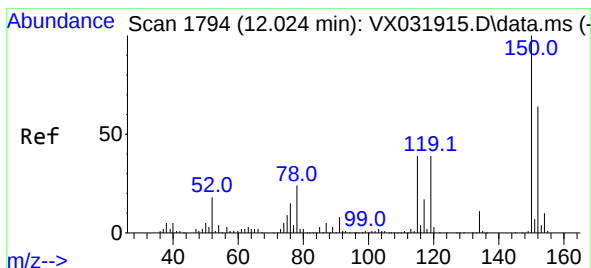
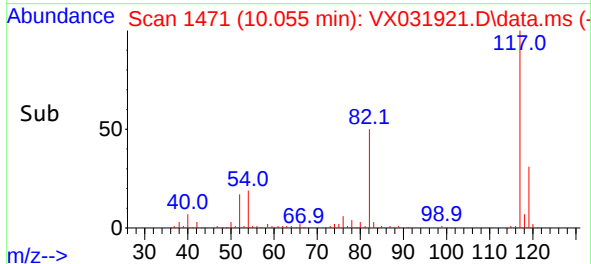
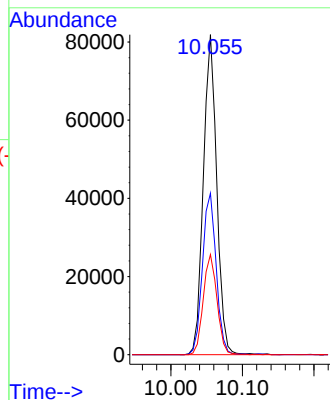
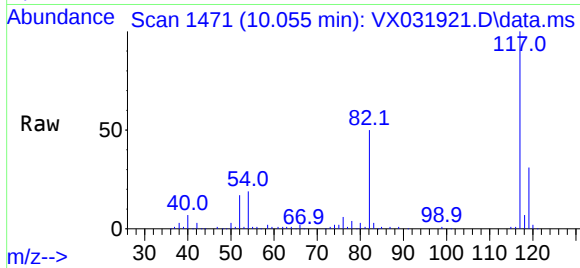




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031921.D
Acq: 06 Oct 2022 16:30

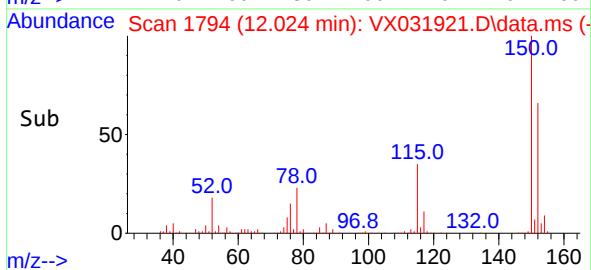
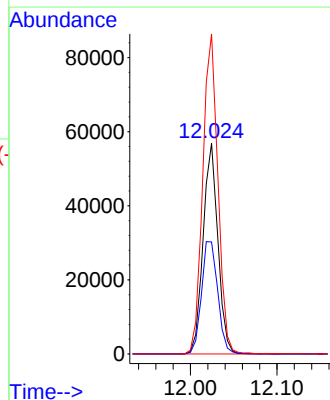
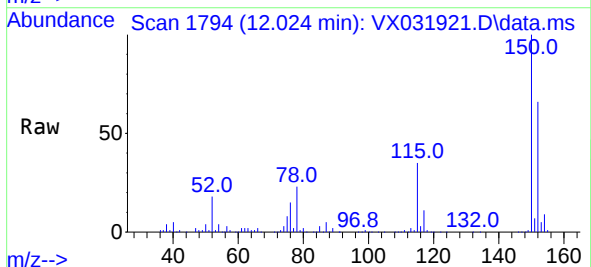
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBL01

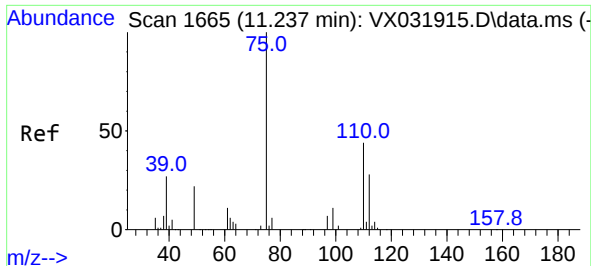
Tgt Ion:117 Resp: 106610
Ion Ratio Lower Upper
117 100
82 50.5 46.8 70.2
119 31.3 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031921.D
Acq: 06 Oct 2022 16:30

Tgt Ion:152 Resp: 67442
Ion Ratio Lower Upper
152 100
115 58.5 43.4 130.1
150 155.8 0.0 346.8

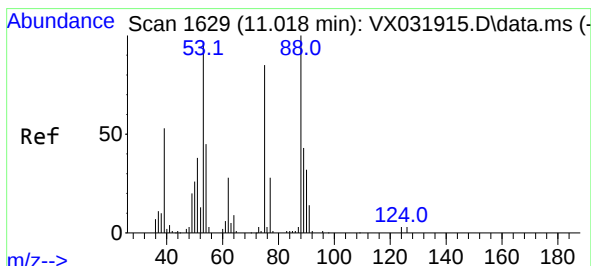
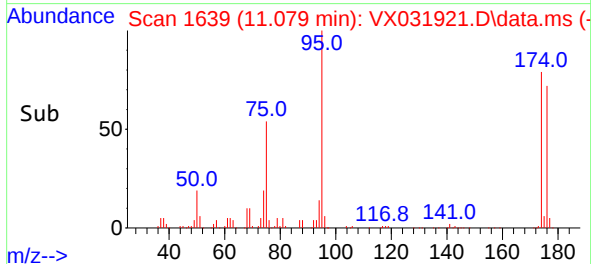
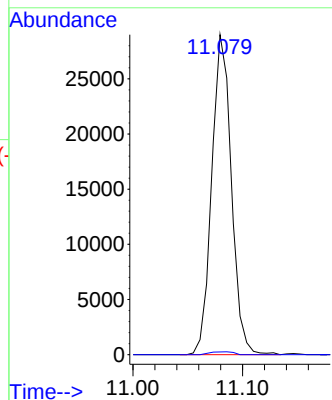
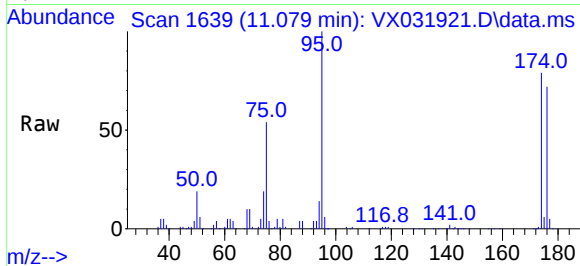




#76
1,2,3-Trichloropropane
Concen: 26.101 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031921.D
Acq: 06 Oct 2022 16:30

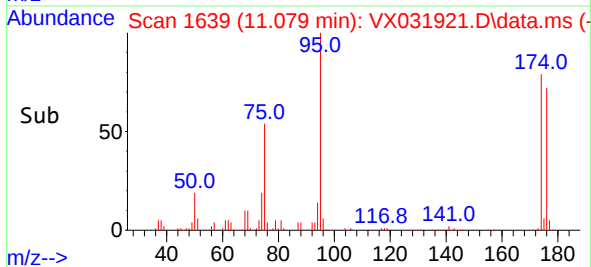
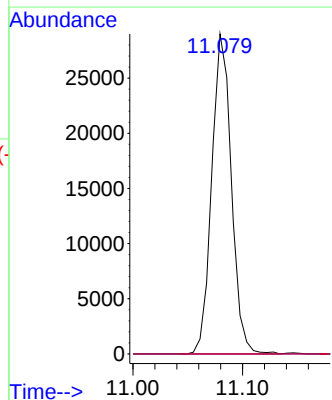
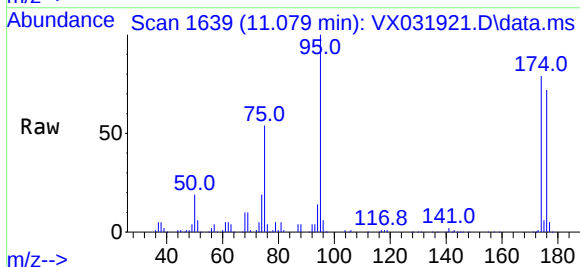
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBL01

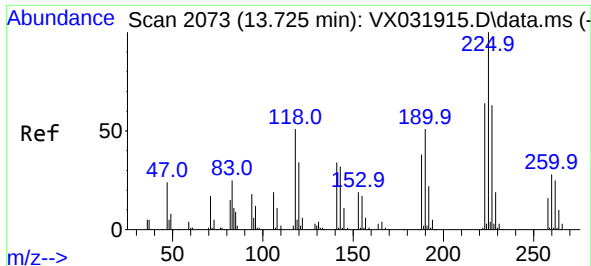
Tgt Ion: 75 Resp: 36077
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.555 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031921.D
Acq: 06 Oct 2022 16:30

Tgt Ion: 75 Resp: 36077
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#





#94

Hexachlorobutadiene

Concen: 0.855 ug/l

RT: 13.725 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX031921.D

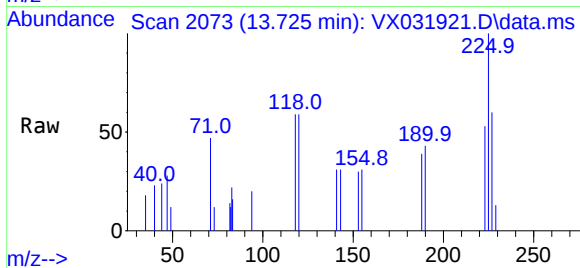
Acq: 06 Oct 2022 16:30

Instrument :

MSVOA_X

ClientSampleId :

VX1006WBL01



Tgt Ion:225 Resp: 498

Ion Ratio Lower Upper

225 100

223 67.9 30.8 92.4

227 61.4 32.3 96.9

