

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
 Data File : VX031313.D
 Acq On : 14 Sep 2022 17:54
 Operator : JC/MD
 Sample : VX0914WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 15 02:31:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

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

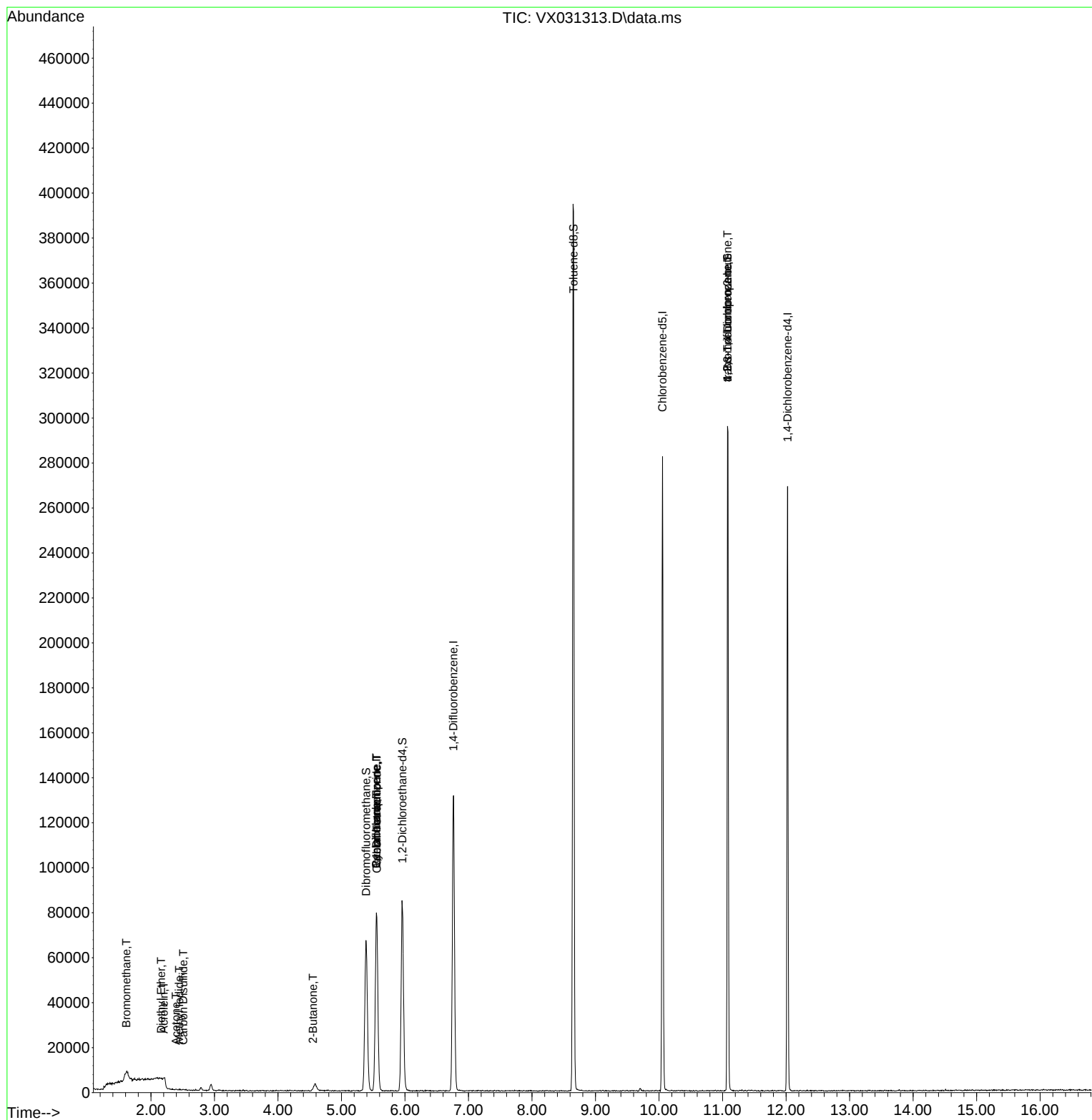
Internal Standards						
1) Pentafluorobenzene	5.549	168	69200	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	125756	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78645	46.302	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.600%
35) Dibromofluoromethane	5.385	113	56311	41.657	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	83.320%
50) Toluene-d8	8.652	98	226305	44.630	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.260%
62) 4-Bromofluorobenzene	11.079	95	76788	41.354	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.700%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	296	Below Cal	#	41
5) Bromomethane	1.611	94	516	0.569	ug/l	88
8) Diethyl Ether	2.160	74	21	0.549	ug/l #	1
10) Methyl Iodide	2.446	142	165	1.053	ug/l #	76
11) Tert butyl alcohol	2.946	59	1641	Below Cal	#	73
13) Acrolein	2.202	56	300	1.531	ug/l #	76
16) Acetone	2.391	43	312	0.430	ug/l	91
17) Carbon Disulfide	2.507	76	357	1.031	ug/l #	75
20) Methylene Chloride	2.788	84	659	Below Cal	#	83
21) trans-1,2-Dichloroethene	3.099	96	240	Below Cal	#	1
25) 2-Butanone	4.550	43	246	0.206	ug/l #	49
31) Cyclohexane	5.549	56	2218	1.215	ug/l #	42
36) 1,1-Dichloropropene	5.549	75	7324	3.958	ug/l #	48
38) Carbon Tetrachloride	5.556	117	7748	3.852	ug/l #	18
76) 1,2,3-Trichloropropane	11.079	75	43277	35.632	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	43277	98.595	ug/l #	11

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
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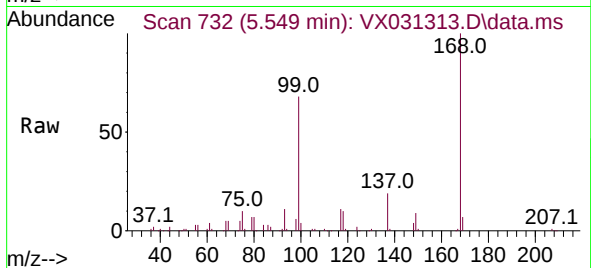


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX031313.D
Acq: 14 Sep 2022 17:54

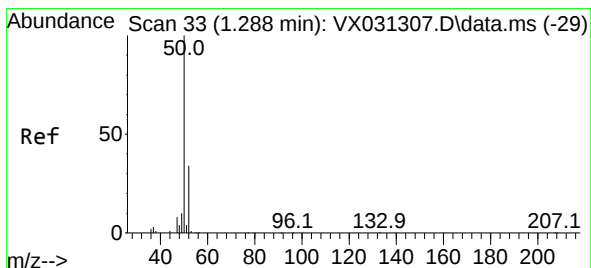
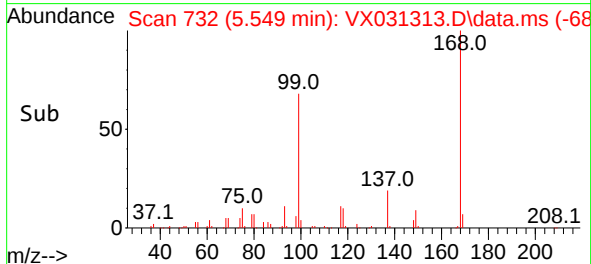
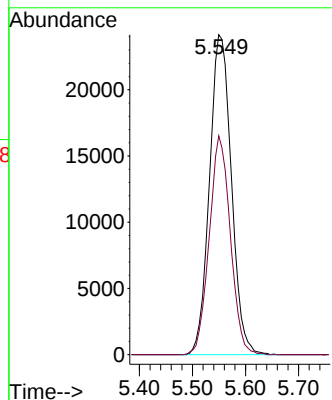
Instrument :

MSVOA_X

ClientSampleId :

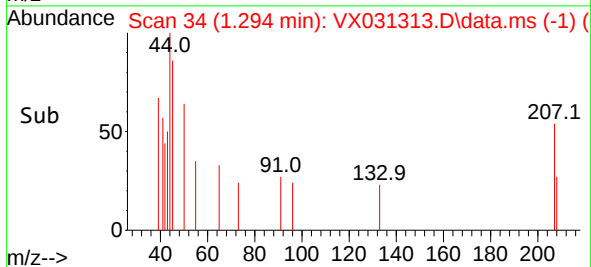
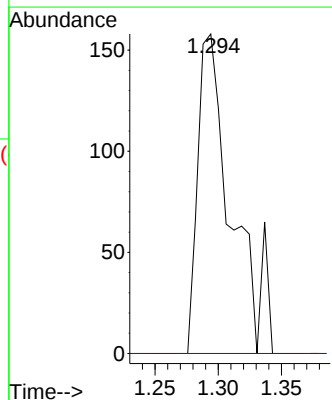
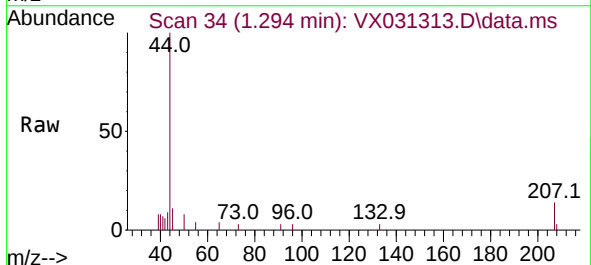


Tgt Ion:168 Resp: 69200
Ion Ratio Lower Upper
168 100
99 68.4 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031313.D
Acq: 14 Sep 2022 17:54

Tgt Ion: 50 Resp: 296
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

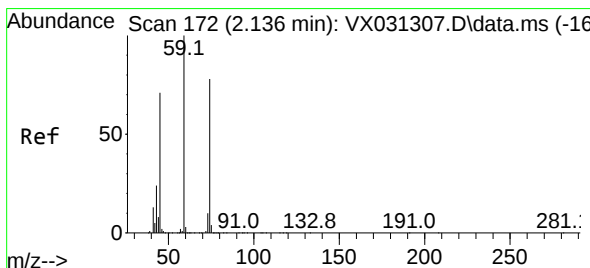
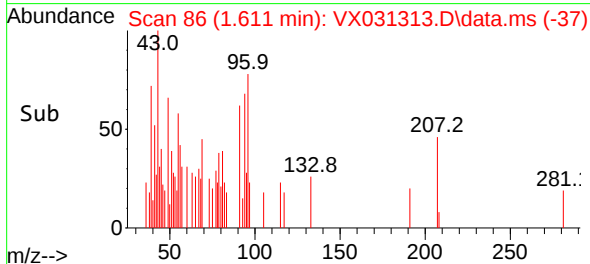
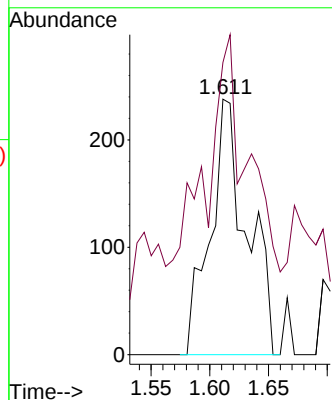
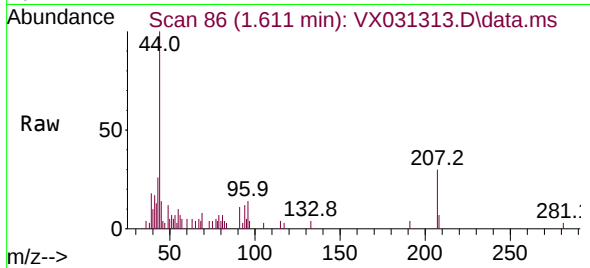




#5
Bromomethane
Concen: 0.569 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX031313.D
Acq: 14 Sep 2022 17:54

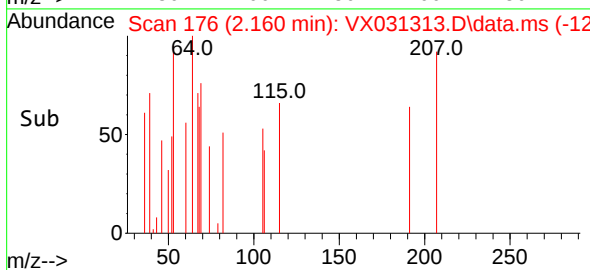
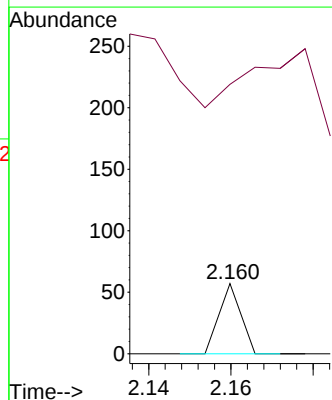
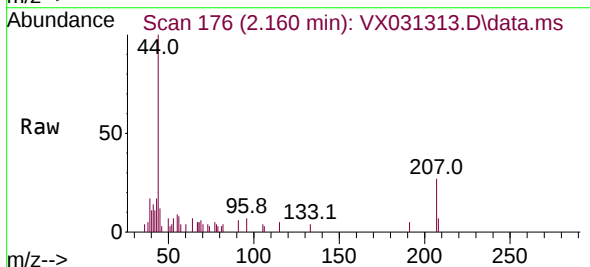
Instrument :
MSVOA_X
ClientSampleId :

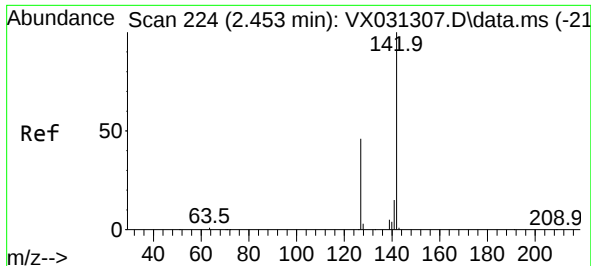
Tgt Ion: 94 Resp: 516
Ion Ratio Lower Upper
94 100
96 81.9 74.4 111.6



#8
Diethyl Ether
Concen: 0.549 ug/l
RT: 2.160 min Scan# 176
Delta R.T. 0.024 min
Lab File: VX031313.D
Acq: 14 Sep 2022 17:54

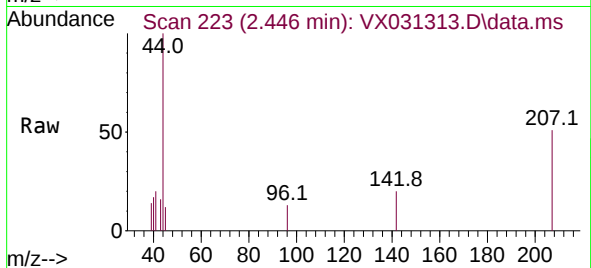
Tgt Ion: 74 Resp: 21
Ion Ratio Lower Upper
74 100
45 0.0 48.5 145.6#



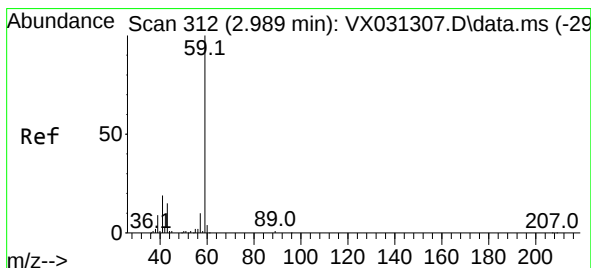
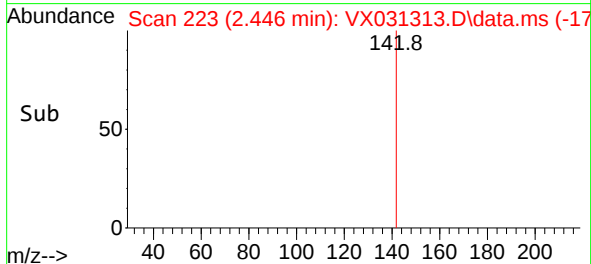
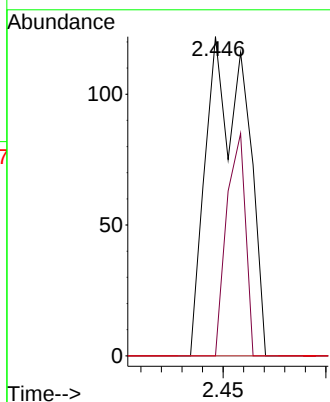


#10
Methyl Iodide
Concen: 1.053 ug/l
RT: 2.446 min Scan# 21
Delta R.T. -0.007 min
Lab File: VX031313.D
Acq: 14 Sep 2022 17:54

Instrument :
MSVOA_X
ClientSampleId :

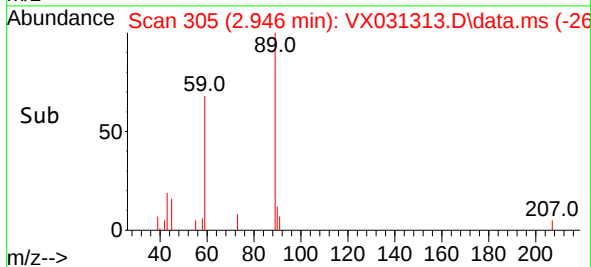
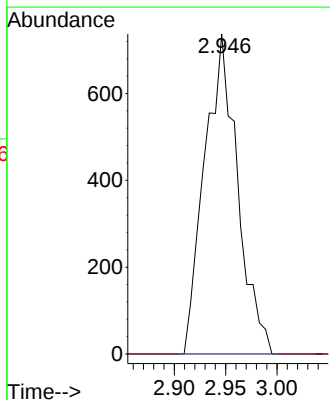
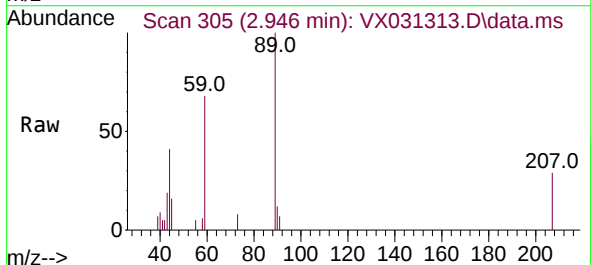


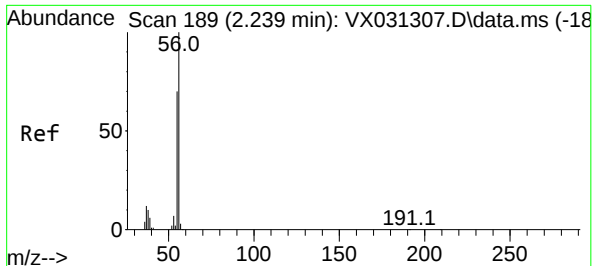
Tgt Ion:142 Resp: 165
Ion Ratio Lower Upper
142 100
127 32.7 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX031313.D
Acq: 14 Sep 2022 17:54

Tgt Ion: 59 Resp: 1641
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

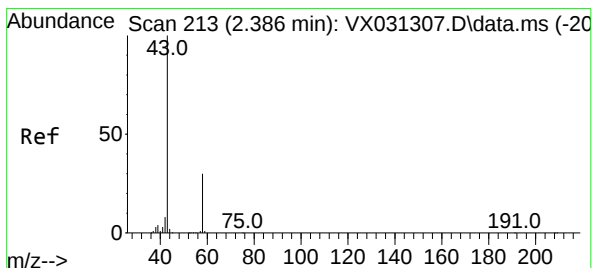
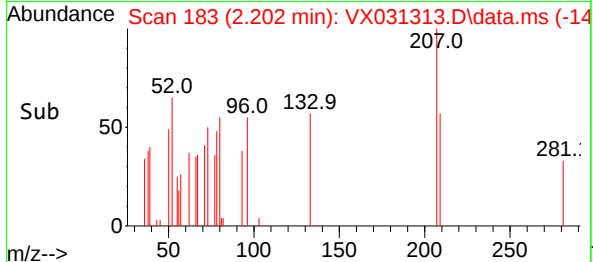
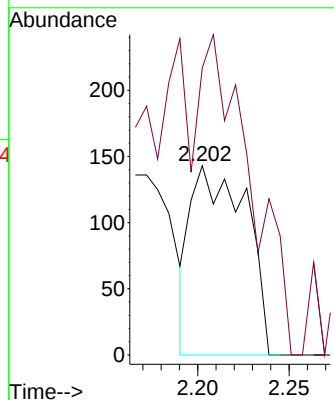
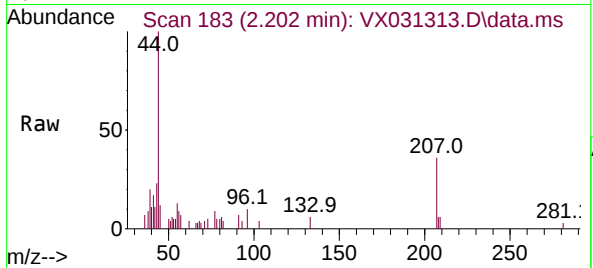




#13
Acrolein
Concen: 1.531 ug/l
RT: 2.202 min Scan# 11
Delta R.T. -0.037 min
Lab File: VX031313.D
Acq: 14 Sep 2022 17:54

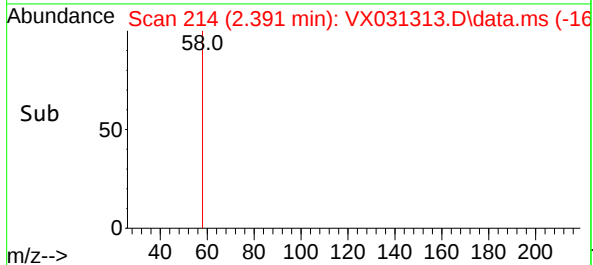
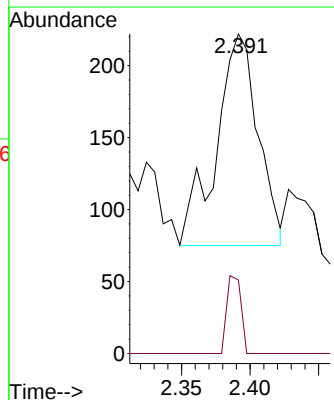
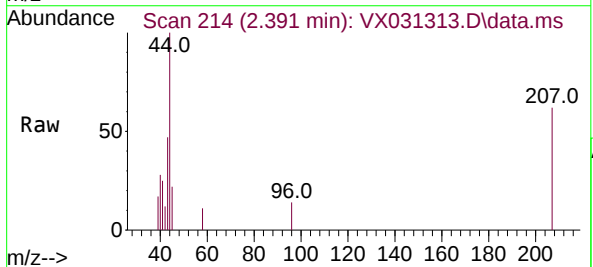
Instrument :
MSVOA_X
ClientSampleId :

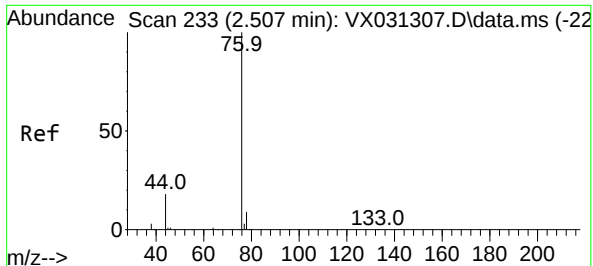
Tgt Ion: 56 Resp: 300
Ion Ratio Lower Upper
56 100
55 50.3 56.0 84.0#



#16
Acetone
Concen: 0.430 ug/l
RT: 2.391 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031313.D
Acq: 14 Sep 2022 17:54

Tgt Ion: 43 Resp: 312
Ion Ratio Lower Upper
43 100
58 34.7 23.8 35.8





#17

Carbon Disulfide

Concen: 1.031 ug/l

RT: 2.507 min Scan# 21

Delta R.T. 0.000 min

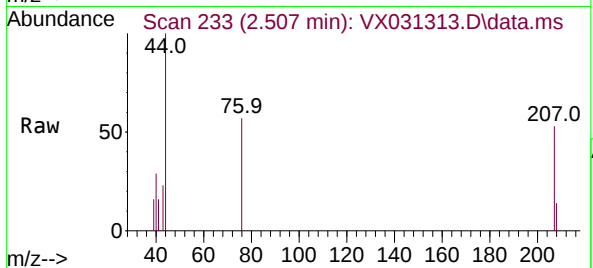
Lab File: VX031313.D

Acq: 14 Sep 2022 17:54

Instrument :

MSVOA_X

ClientSampleId :

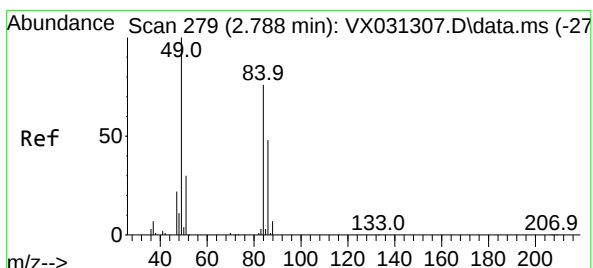
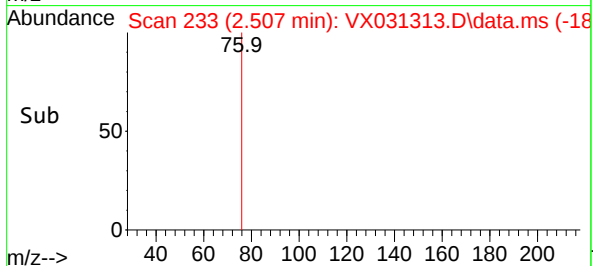
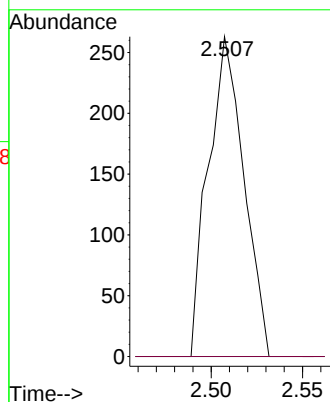


Tgt Ion: 76 Resp: 357

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX031313.D

Acq: 14 Sep 2022 17:54

Tgt Ion: 84 Resp: 659

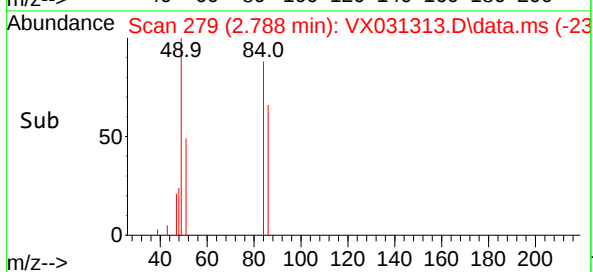
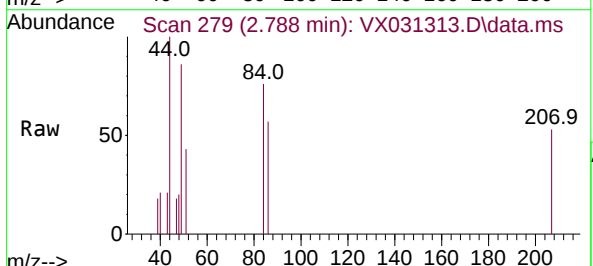
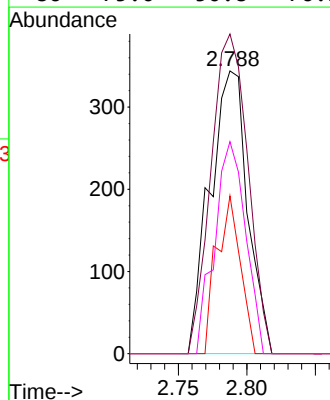
Ion Ratio Lower Upper

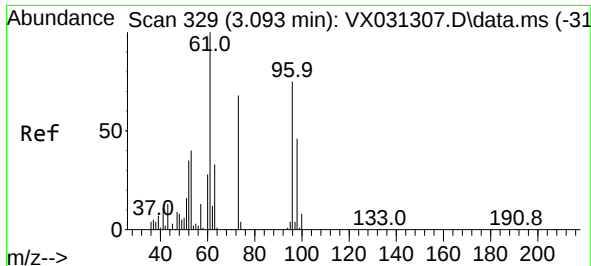
84 100

49 113.1 105.9 158.9

51 55.8 32.2 48.2#

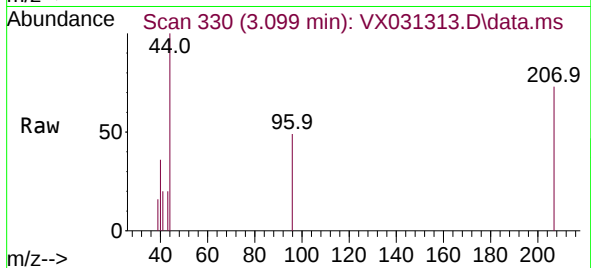
86 75.0 50.8 76.2



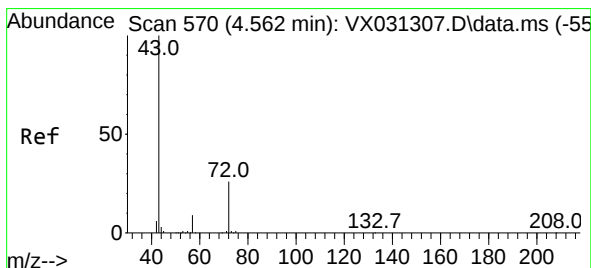
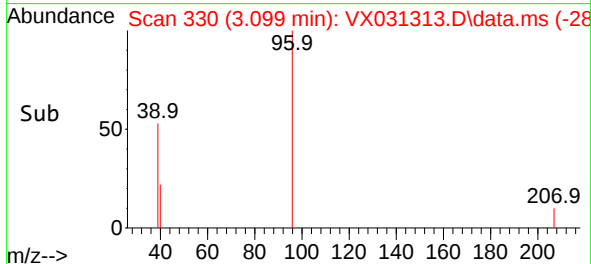
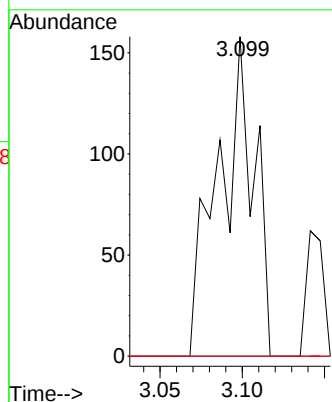


#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.099 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX031313.D
Acq: 14 Sep 2022 17:54

Instrument :
MSVOA_X
ClientSampleId :

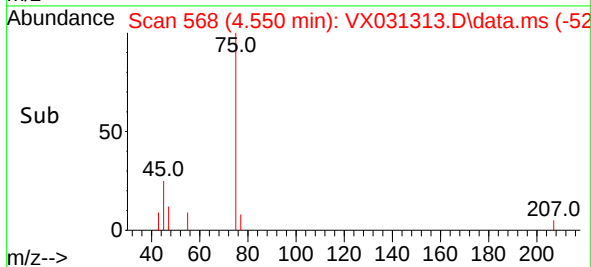
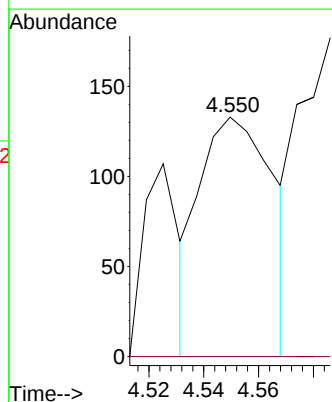
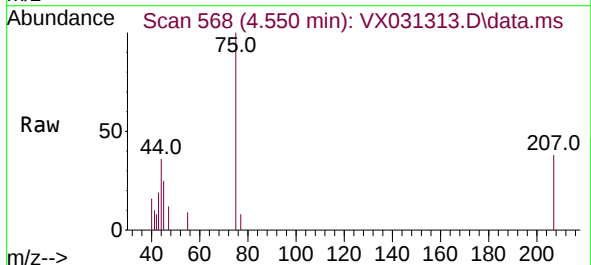


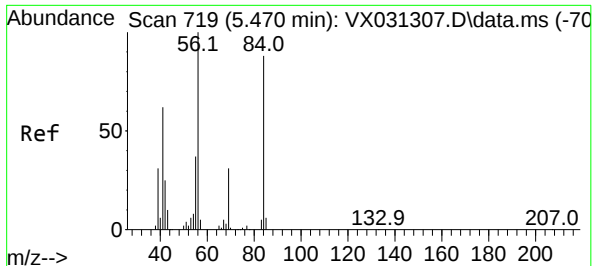
Tgt Ion: 96 Resp: 240
Ion Ratio Lower Upper
96 100
61 0.0 106.7 160.1#
98 0.0 48.7 73.1#



#25
2-Butanone
Concen: 0.206 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.012 min
Lab File: VX031313.D
Acq: 14 Sep 2022 17:54

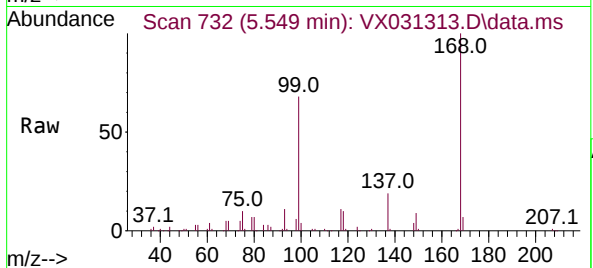
Tgt Ion: 43 Resp: 246
Ion Ratio Lower Upper
43 100
72 0.0 21.1 31.7#



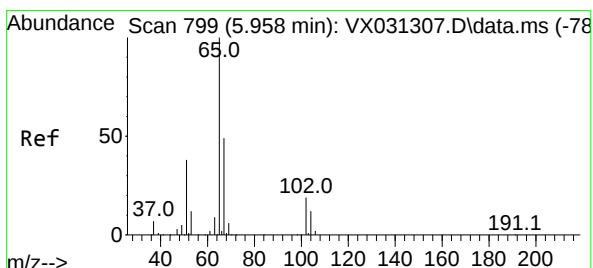
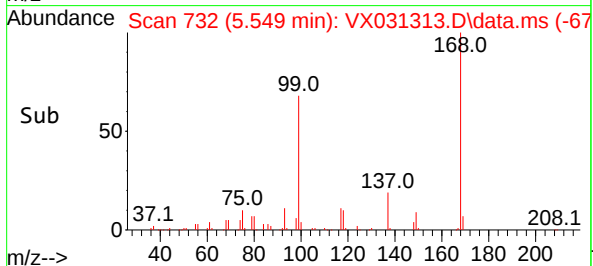
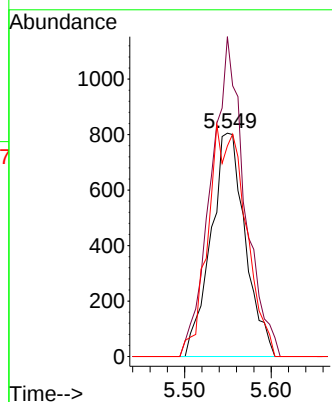


#31
Cyclohexane
Concen: 1.215 ug/l
RT: 5.549 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX031313.D
Acq: 14 Sep 2022 17:54

Instrument :
MSVOA_X
ClientSampleId :

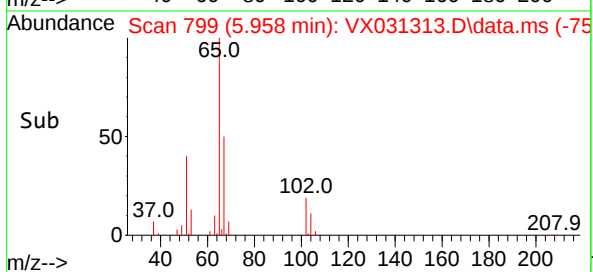
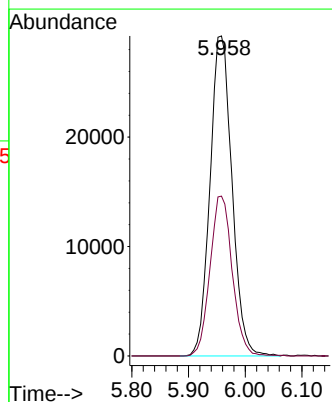
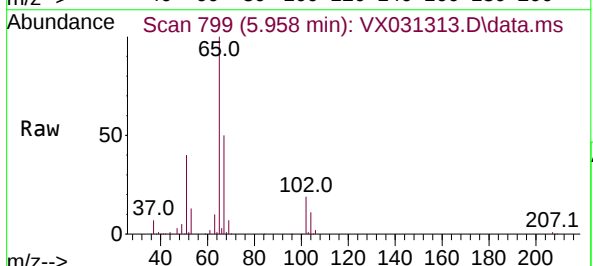


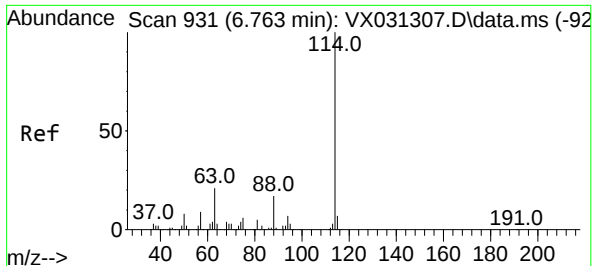
Tgt Ion: 56 Resp: 2218
Ion Ratio Lower Upper
56 100
69 143.2 25.1 37.7#
84 94.3 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 46.302 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX031313.D
Acq: 14 Sep 2022 17:54

Tgt Ion: 65 Resp: 78645
Ion Ratio Lower Upper
65 100
67 50.6 0.0 102.4

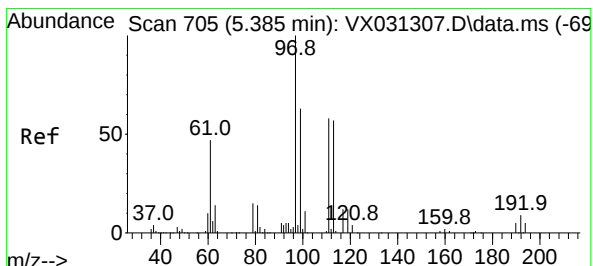
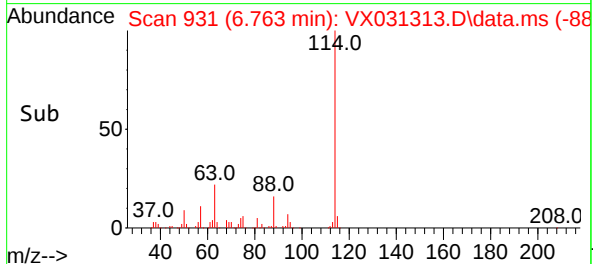
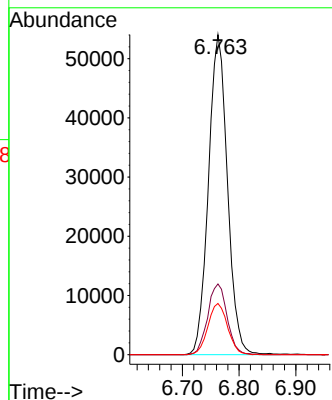
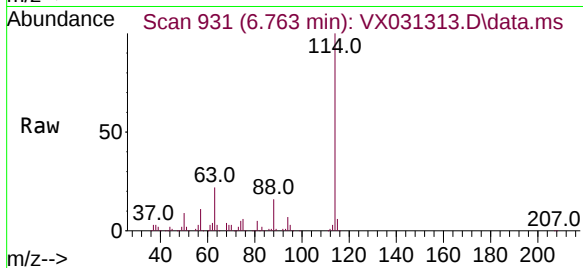




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031313.D
Acq: 14 Sep 2022 17:54

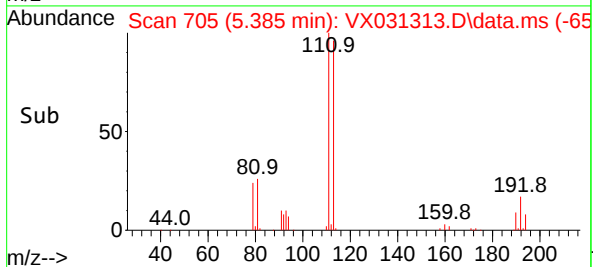
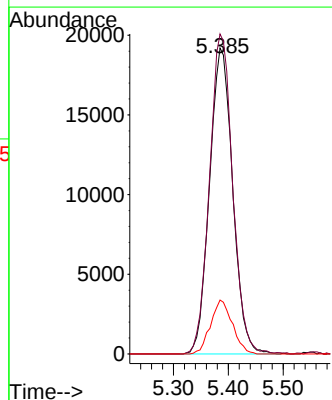
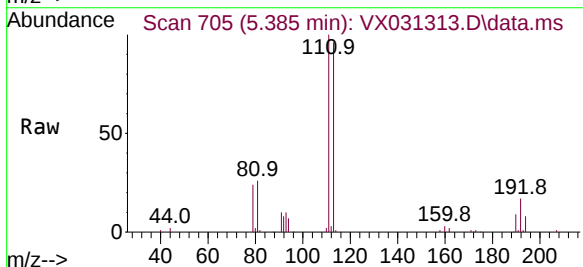
Instrument :
MSVOA_X
ClientSampleId :

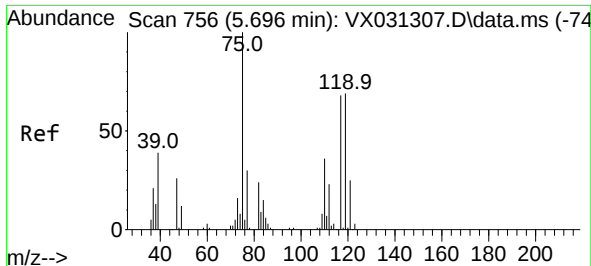
Tgt Ion:114 Resp: 125756
Ion Ratio Lower Upper
114 100
63 22.1 0.0 42.6
88 16.0 0.0 33.0



#35
Dibromofluoromethane
Concen: 41.657 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX031313.D
Acq: 14 Sep 2022 17:54

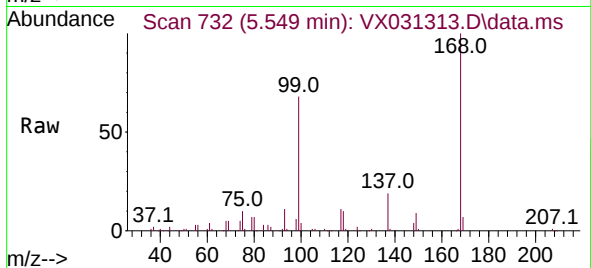
Tgt Ion:113 Resp: 56311
Ion Ratio Lower Upper
113 100
111 104.5 82.4 123.6
192 16.6 14.1 21.1



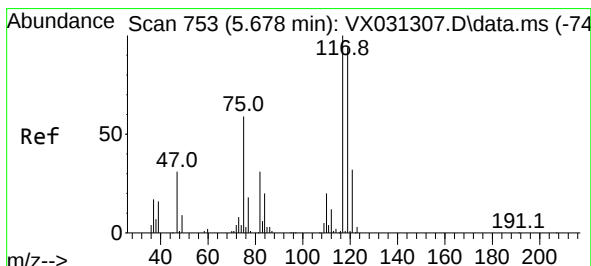
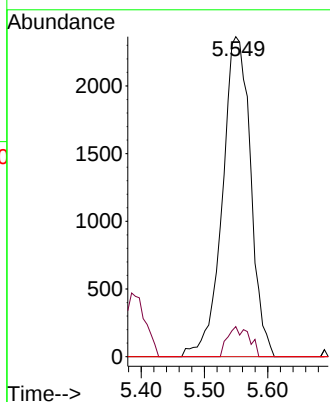
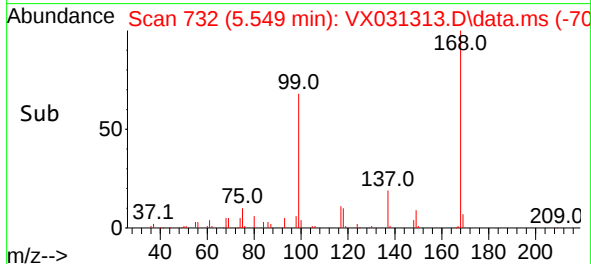


#36
1,1-Dichloropropene
Concen: 3.958 ug/l
RT: 5.549 min Scan# 713
Delta R.T. -0.147 min
Lab File: VX031313.D
Acq: 14 Sep 2022 17:54

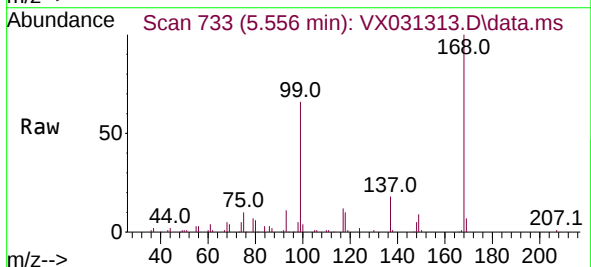
Instrument :
MSVOA_X
ClientSampleId :



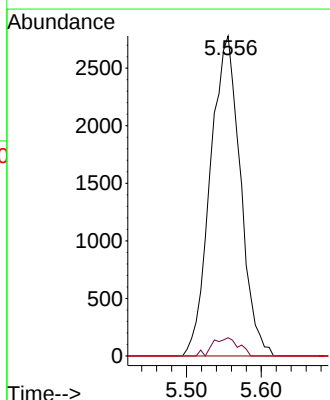
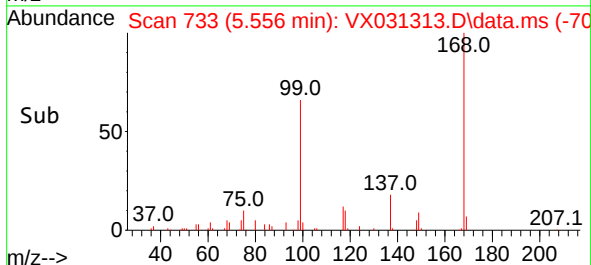
Tgt Ion: 75 Resp: 7324
Ion Ratio Lower Upper
75 100
110 7.2 17.5 52.5#
77 0.0 24.9 37.3#

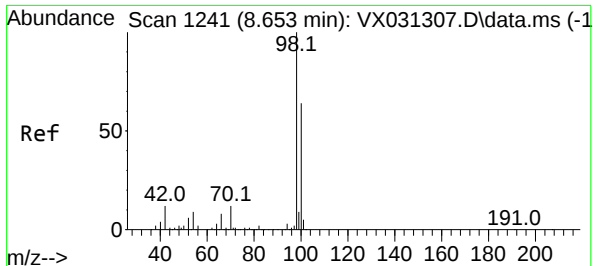


#38
Carbon Tetrachloride
Concen: 3.852 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX031313.D
Acq: 14 Sep 2022 17:54



Tgt Ion: 117 Resp: 7748
Ion Ratio Lower Upper
117 100
119 5.7 74.6 112.0#
121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 44.630 ug/l

RT: 8.652 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031313.D

Acq: 14 Sep 2022 17:54

Instrument :

MSVOA_X

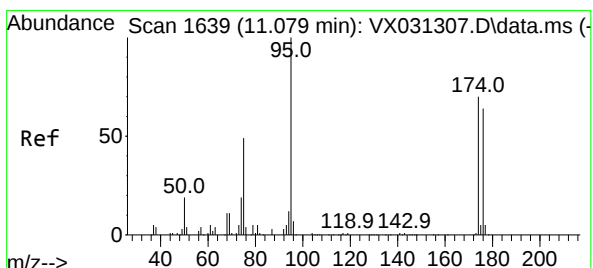
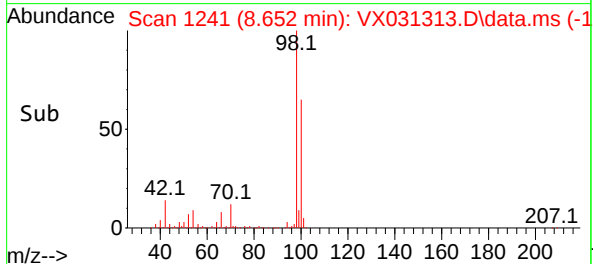
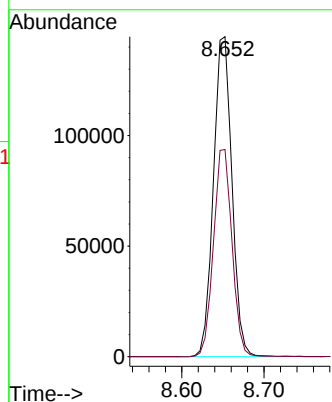
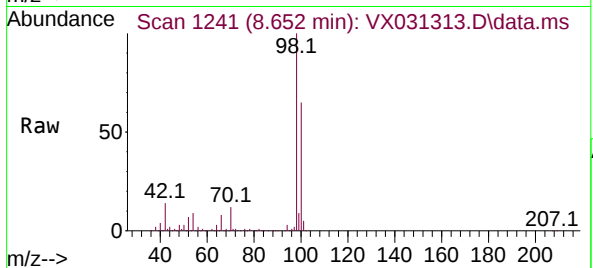
ClientSampleId :

Tgt Ion: 98 Resp: 226305

Ion Ratio Lower Upper

98 100

100 64.9 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 41.354 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX031313.D

Acq: 14 Sep 2022 17:54

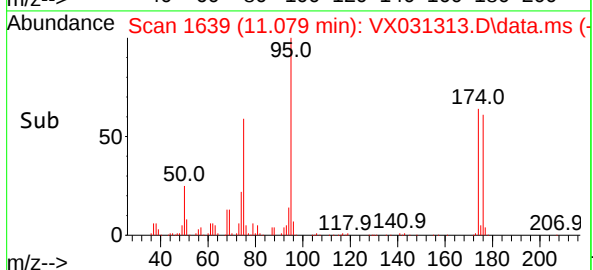
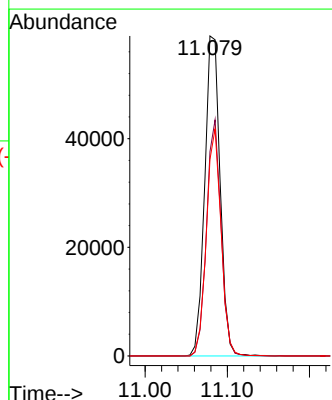
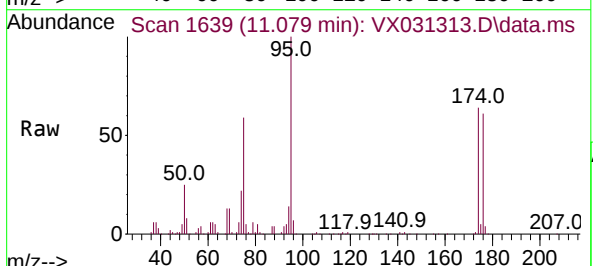
Tgt Ion: 95 Resp: 76788

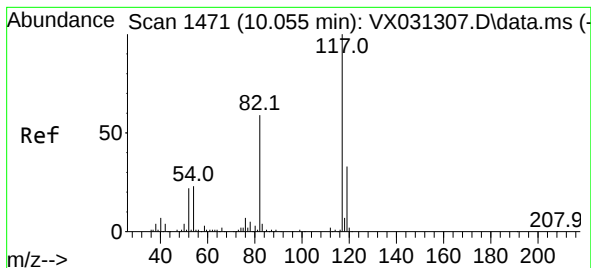
Ion Ratio Lower Upper

95 100

174 69.0 0.0 153.2

176 67.6 0.0 144.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

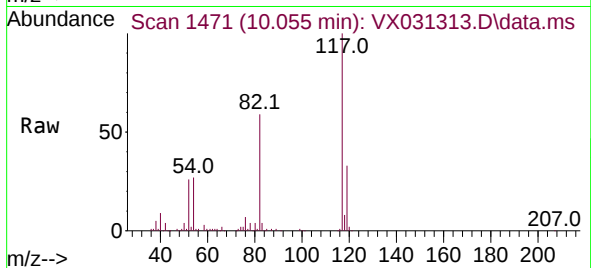
Lab File: VX031313.D

Acq: 14 Sep 2022 17:54

Instrument :

MSVOA_X

ClientSampleId :



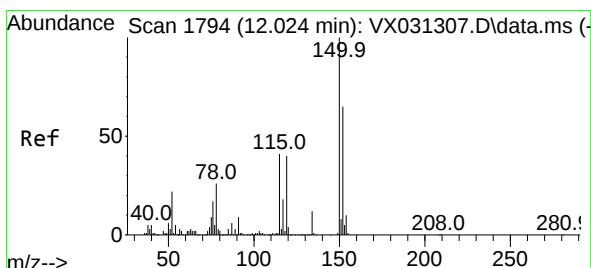
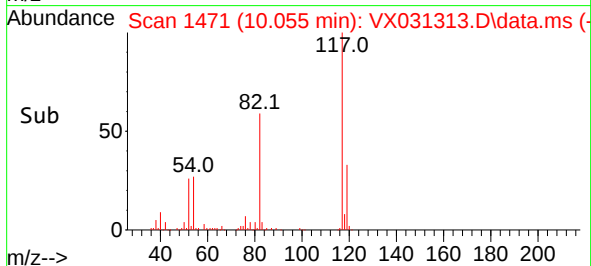
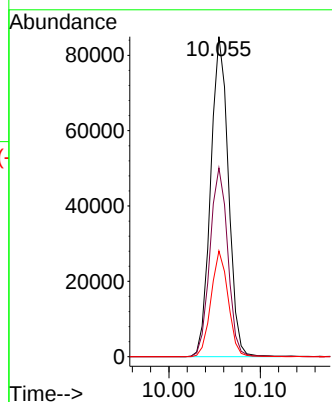
Tgt Ion:117 Resp: 114134

Ion Ratio Lower Upper

117 100

82 59.0 46.8 70.2

119 33.1 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: VX031313.D

Acq: 14 Sep 2022 17:54

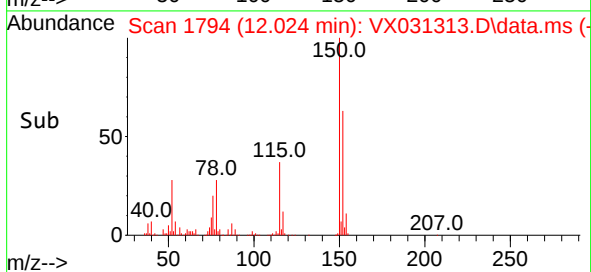
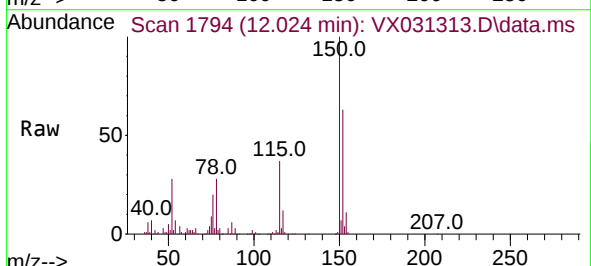
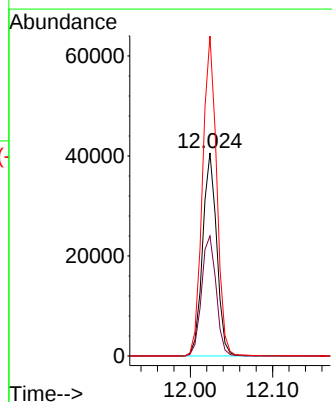
Tgt Ion:152 Resp: 48196

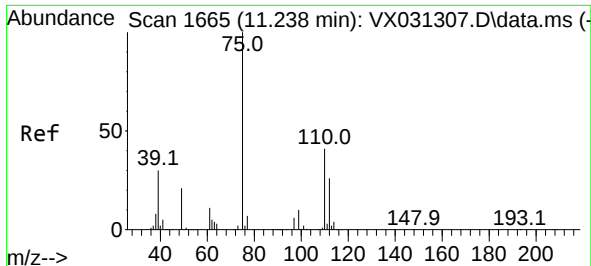
Ion Ratio Lower Upper

152 100

115 61.2 43.4 130.1

150 158.9 0.0 346.8

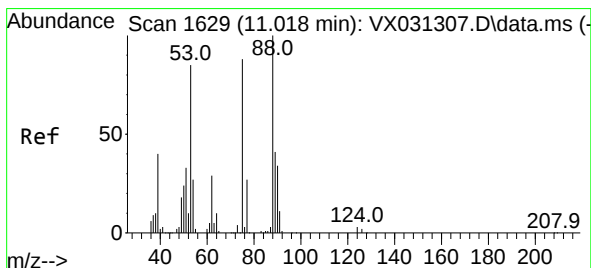
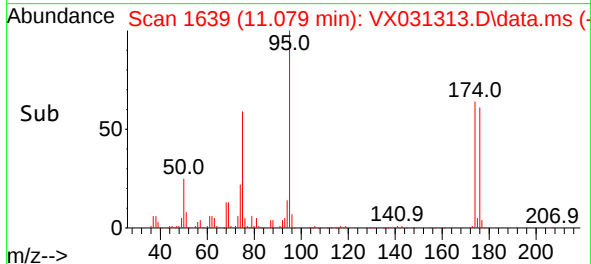
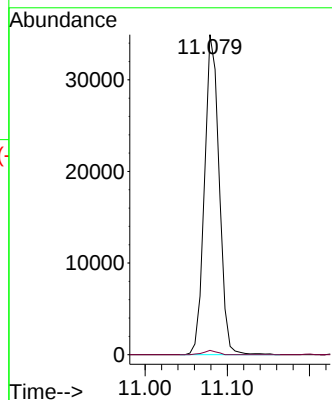
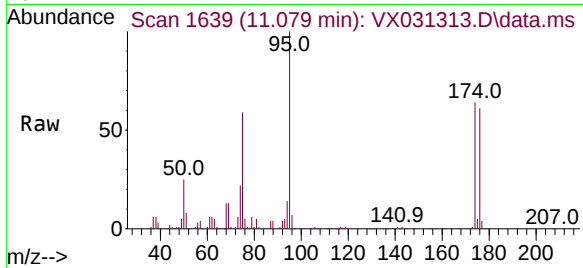




#76
1,2,3-Trichloropropane
Concen: 35.632 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031313.D
Acq: 14 Sep 2022 17:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 43277
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.595 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031313.D
Acq: 14 Sep 2022 17:54

Tgt Ion: 75 Resp: 43277
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

