

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031738.D
 Acq On : 28 Sep 2022 19:34
 Operator : JC/MD
 Sample : N4862-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A2720

Quant Time: Sep 29 04:34:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

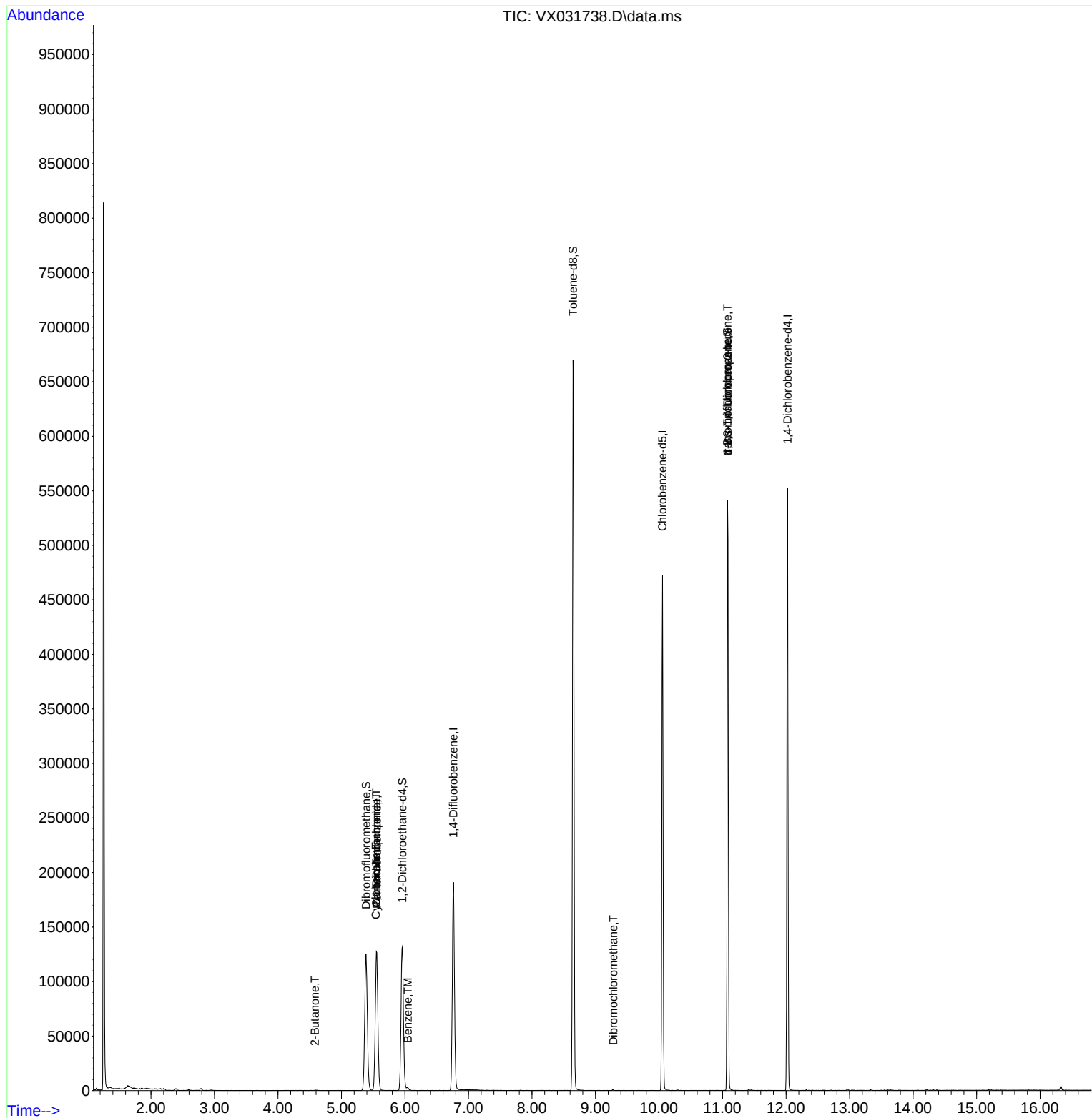
Internal Standards						
1) Pentafluorobenzene	5.556	168	118649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195777	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	127708	50.714	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.420%	
35) Dibromofluoromethane	5.385	113	103986	44.577	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 89.160%	
50) Toluene-d8	8.647	98	396478	46.881	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.760%	
62) 4-Bromofluorobenzene	11.079	95	135664	43.767	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.540%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	89	Below Cal	#	41
5) Bromomethane	1.618	94	406	Below Cal	#	75
6) Chloroethane	1.691	64	231	Below Cal	#	43
11) Tert butyl alcohol	2.971	59	180	Below Cal	#	73
12) 1,1-Dichloroethene	2.124	96	40	Below Cal	#	1
16) Acetone	2.392	43	2177	Below Cal	#	87
17) Carbon Disulfide	2.508	76	93	Below Cal	#	75
20) Methylene Chloride	2.776	84	838	Below Cal	#	70
25) 2-Butanone	4.580	43	344	0.286	ug/l #	49
31) Cyclohexane	5.544	56	2729	1.140	ug/l #	30
36) 1,1-Dichloropropene	5.550	75	9394	3.507	ug/l #	51
38) Carbon Tetrachloride	5.550	117	12697	4.205	ug/l #	18
40) Benzene	6.044	78	3025	0.368	ug/l	97
60) Dibromochloromethane	9.281	129	139	1.589	ug/l #	11
76) 1,2,3-Trichloropropane	11.079	75	73860	36.144	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	73860	118.510	ug/l #	11

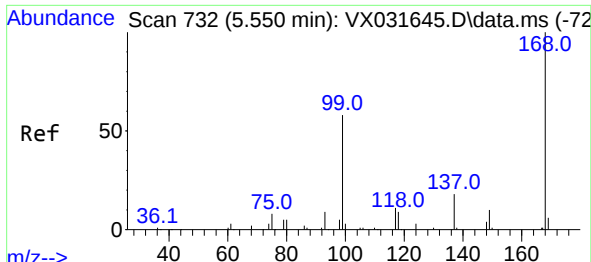
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
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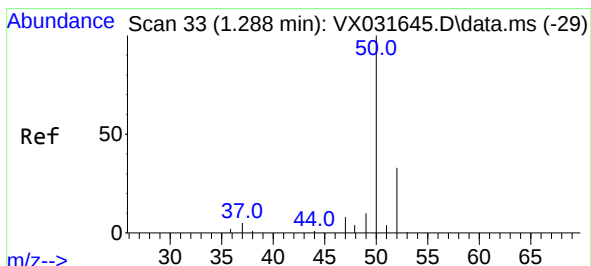
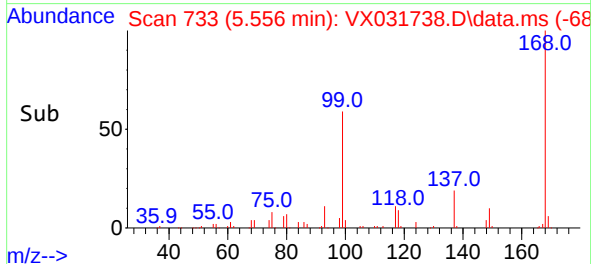
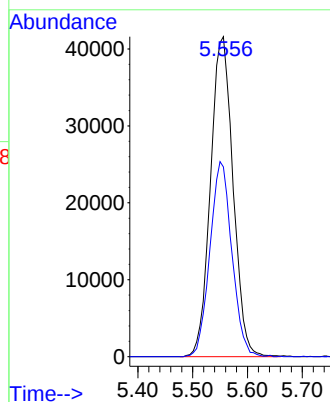
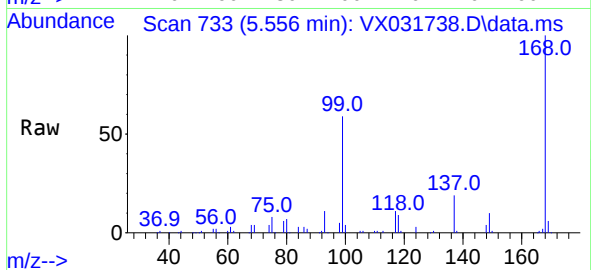




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031738.D
Acq: 28 Sep 2022 19:34

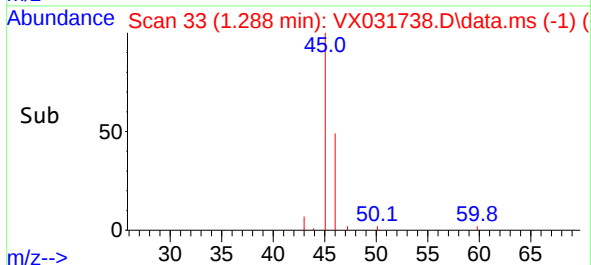
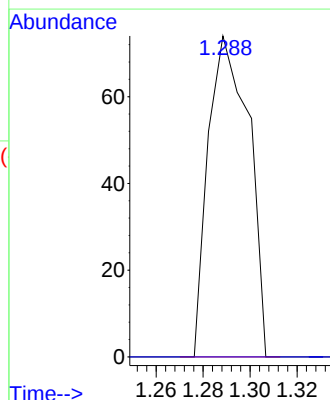
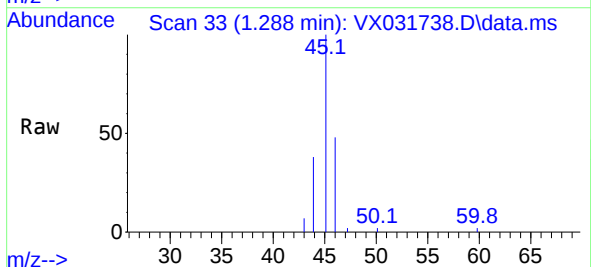
Instrument :
MSVOA_X
ClientSampleId :
A2720

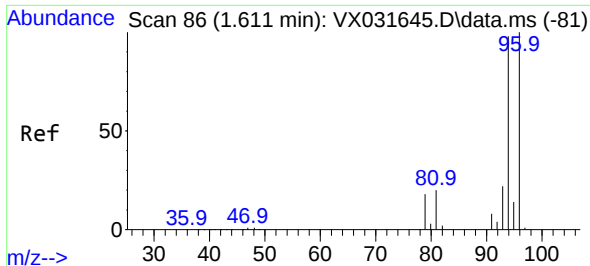
Tgt Ion:168 Resp: 118649
Ion Ratio Lower Upper
168 100
99 59.3 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031738.D
Acq: 28 Sep 2022 19:34

Tgt Ion: 50 Resp: 89
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

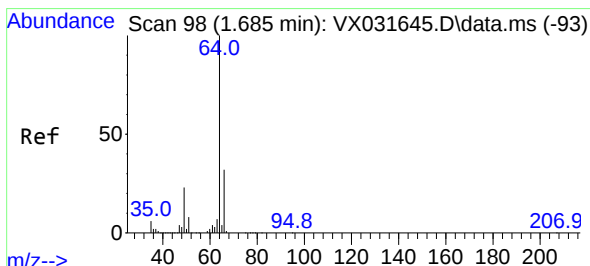
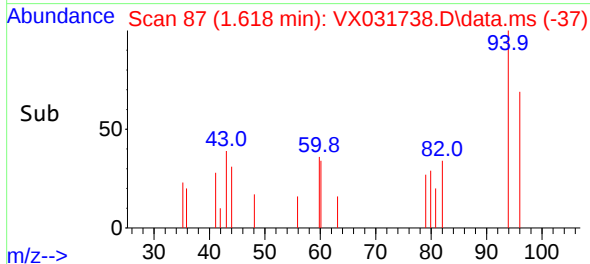
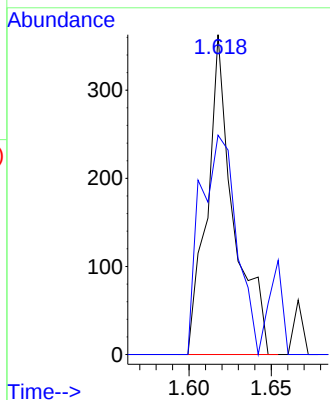
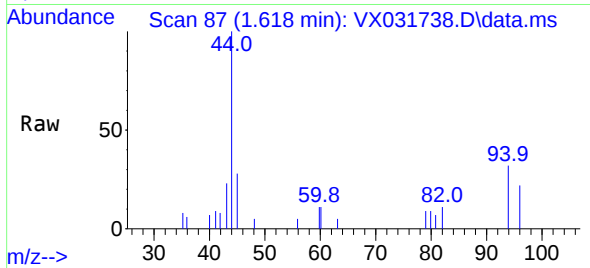




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX031738.D
Acq: 28 Sep 2022 19:34

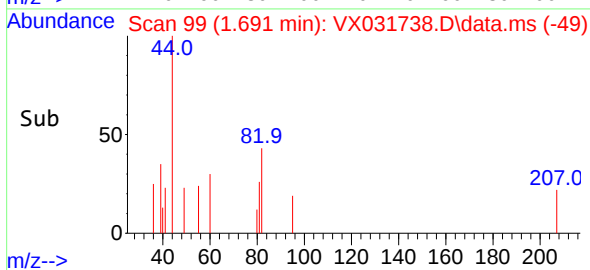
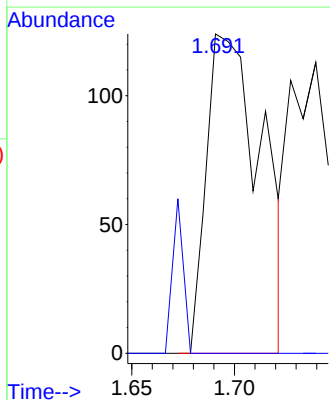
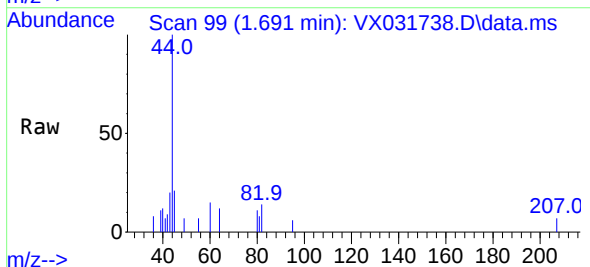
Instrument :
MSVOA_X
ClientSampleId :
A2720

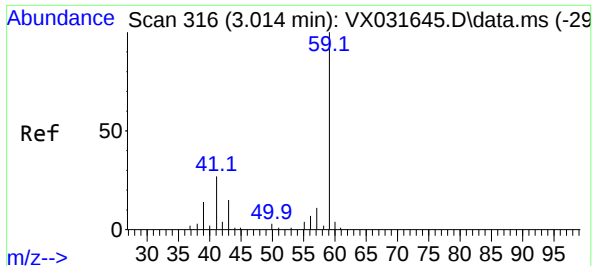
Tgt Ion: 94 Resp: 406
Ion Ratio Lower Upper
94 100
96 68.6 74.4 111.6#



#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX031738.D
Acq: 28 Sep 2022 19:34

Tgt Ion: 64 Resp: 231
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.971 min Scan# 30

Delta R.T. -0.018 min

Lab File: VX031738.D

Acq: 28 Sep 2022 19:34

Instrument :

MSVOA_X

ClientSampleId :

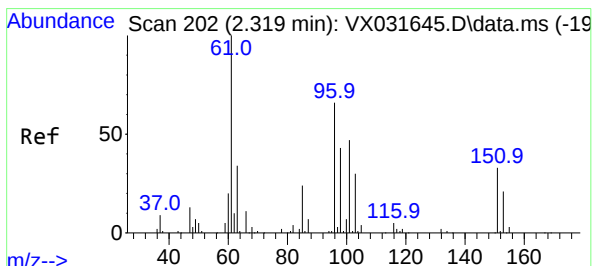
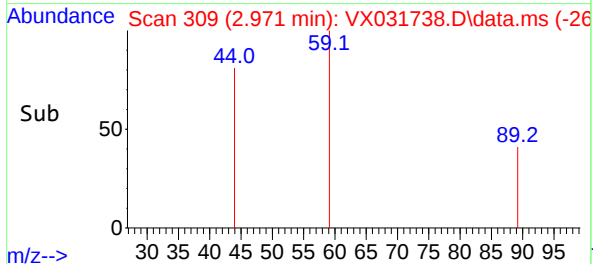
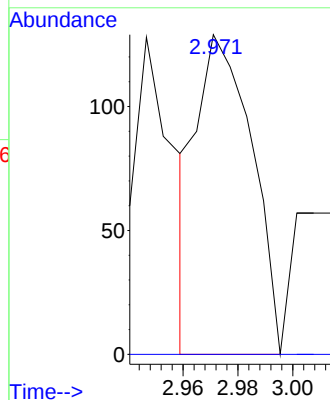
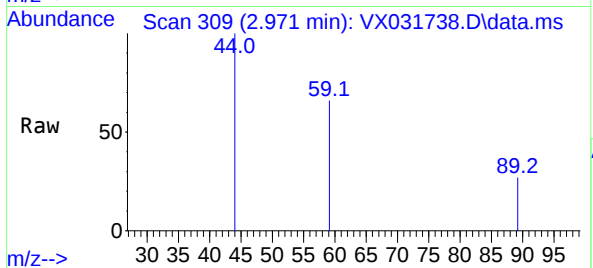
A2720

Tgt Ion: 59 Resp: 180

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#12

1,1-Dichloroethene

Concen: Below Cal

RT: 2.124 min Scan# 170

Delta R.T. -0.195 min

Lab File: VX031738.D

Acq: 28 Sep 2022 19:34

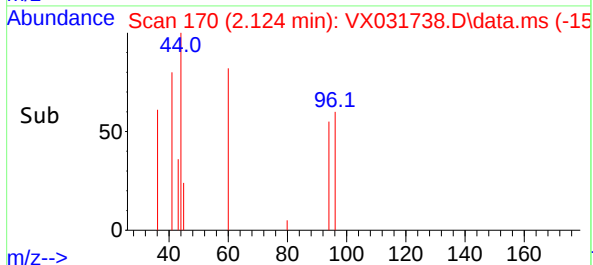
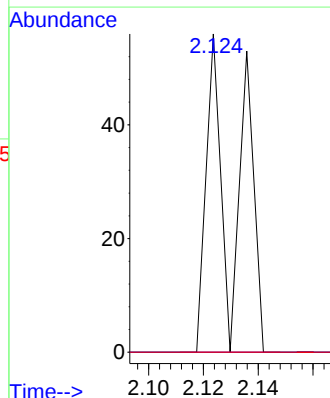
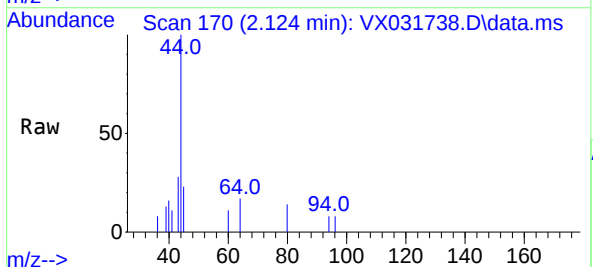
Tgt Ion: 96 Resp: 40

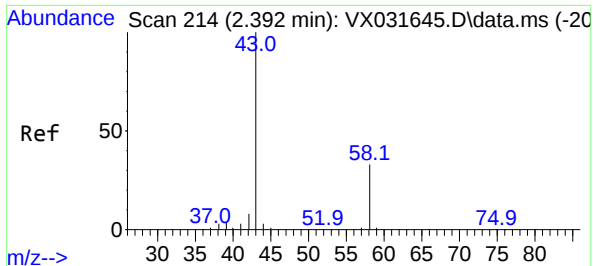
Ion Ratio Lower Upper

96 100

61 0.0 135.3 202.9#

98 0.0 49.4 74.2#

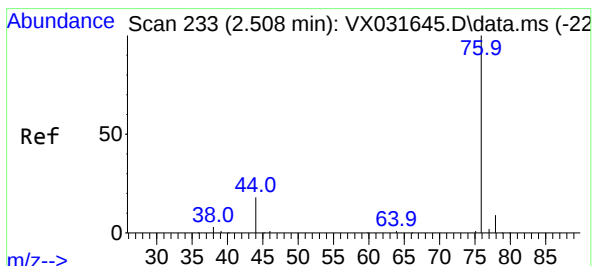
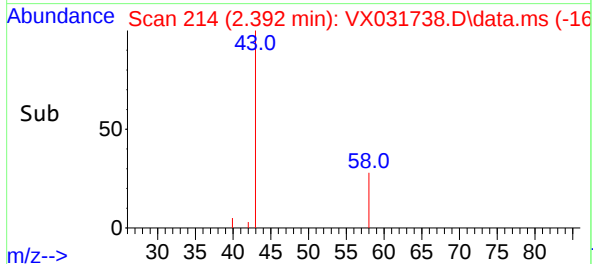
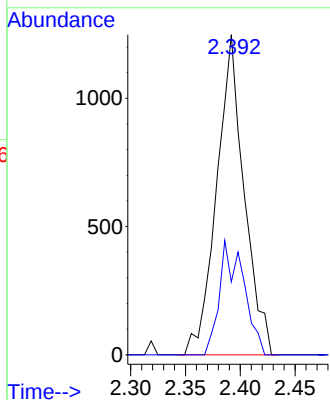
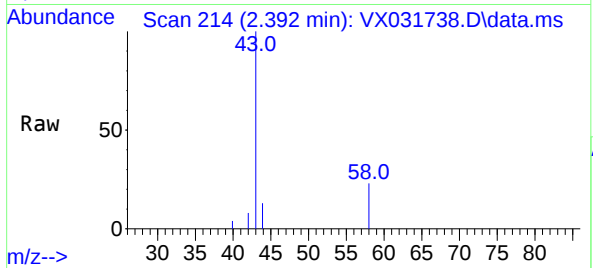




#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031738.D
Acq: 28 Sep 2022 19:34

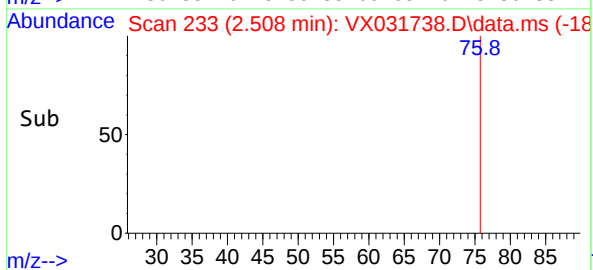
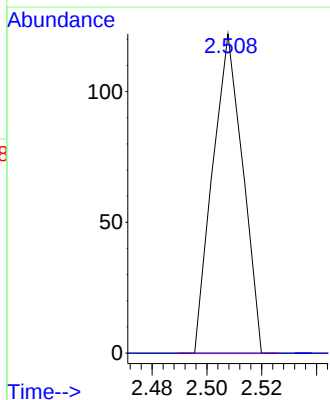
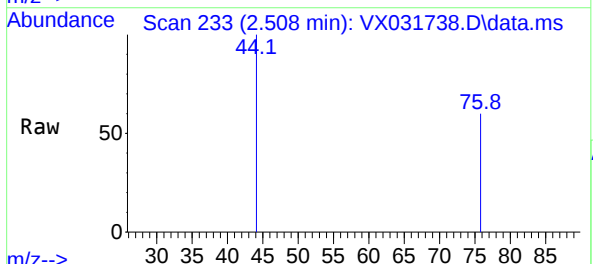
Instrument :
MSVOA_X
ClientSampleId :
A2720

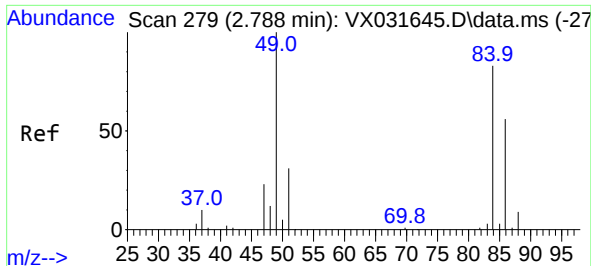
Tgt Ion: 43 Resp: 2177
Ion Ratio Lower Upper
43 100
58 22.8 23.8 35.8#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX031738.D
Acq: 28 Sep 2022 19:34

Tgt Ion: 76 Resp: 93
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



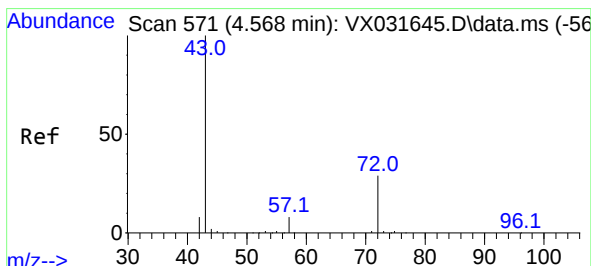
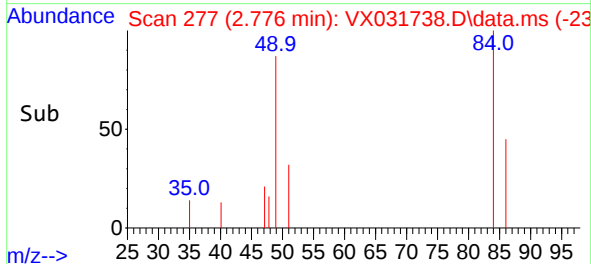
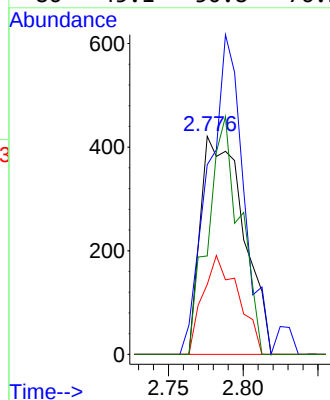
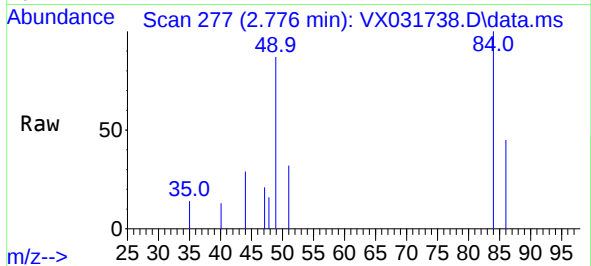


#20
Methylene Chloride
Concen: Below Cal
RT: 2.776 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX031738.D
Acq: 28 Sep 2022 19:34

Instrument :
MSVOA_X
ClientSampleId :
A2720

Tgt Ion: 84 Resp: 838

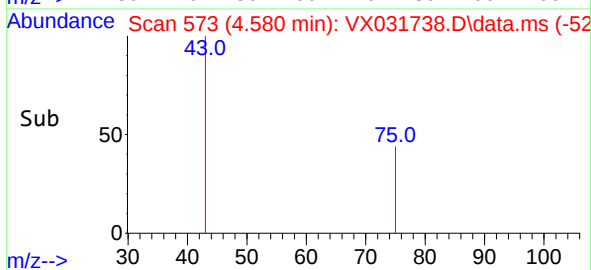
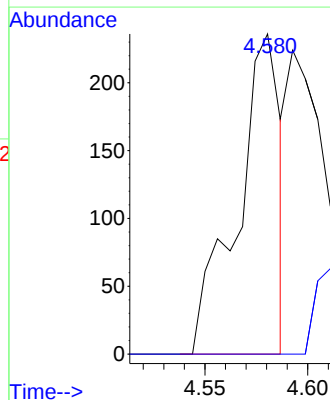
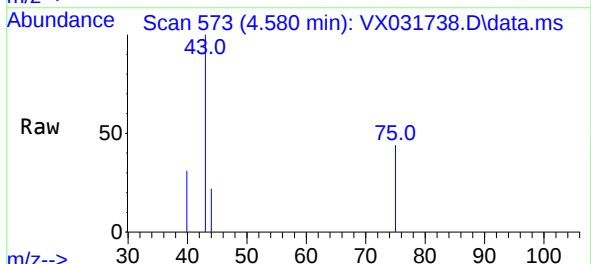
Ion	Ratio	Lower	Upper
84	100		
49	86.9	105.9	158.9#
51	32.1	32.2	48.2#
86	45.1	50.8	76.2#

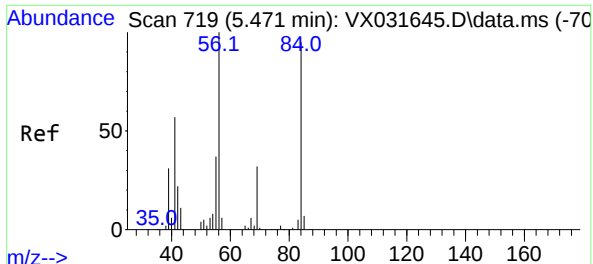


#25
2-Butanone
Concen: 0.286 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX031738.D
Acq: 28 Sep 2022 19:34

Tgt Ion: 43 Resp: 344

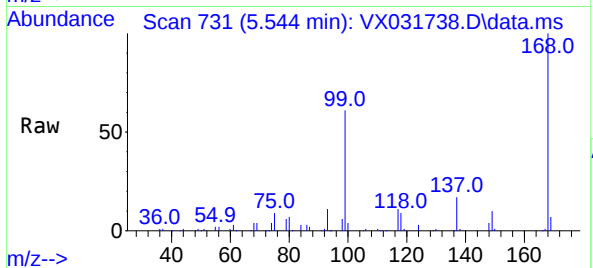
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.1	31.7#



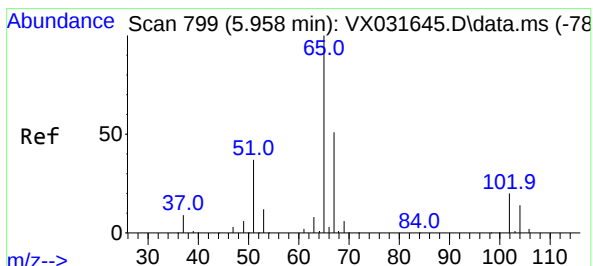
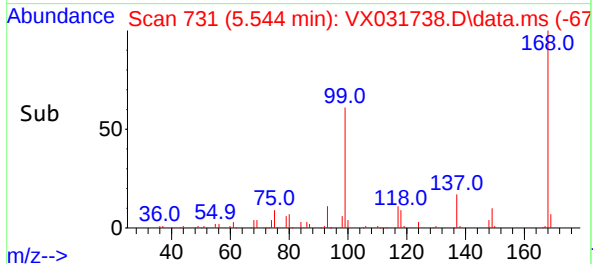
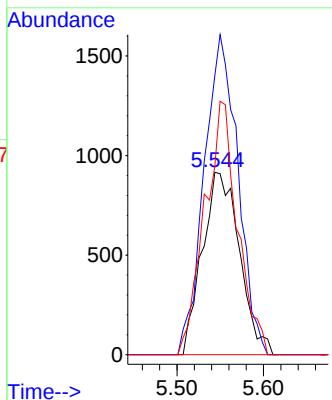


#31
Cyclohexane
Concen: 1.140 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX031738.D
Acq: 28 Sep 2022 19:34

Instrument :
MSVOA_X
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A2720

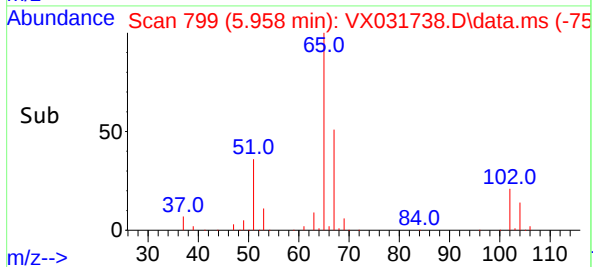
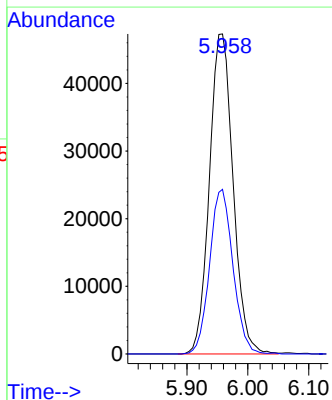
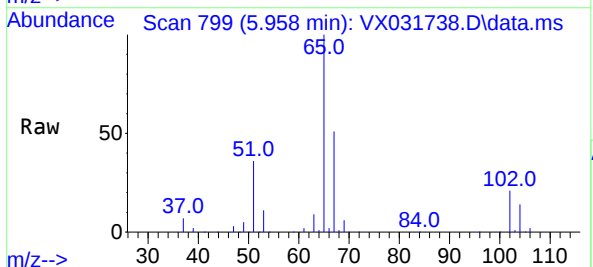


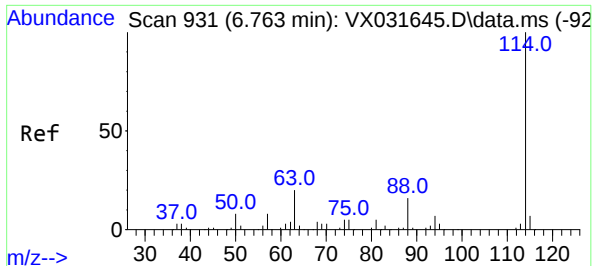
Tgt Ion: 56 Resp: 2729
Ion Ratio Lower Upper
56 100
69 153.1 25.1 37.7#
84 103.4 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 50.714 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031738.D
Acq: 28 Sep 2022 19:34

Tgt Ion: 65 Resp: 127708
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: VX031738.D

Acq: 28 Sep 2022 19:34

Instrument :

MSVOA_X

ClientSampleId :

A2720

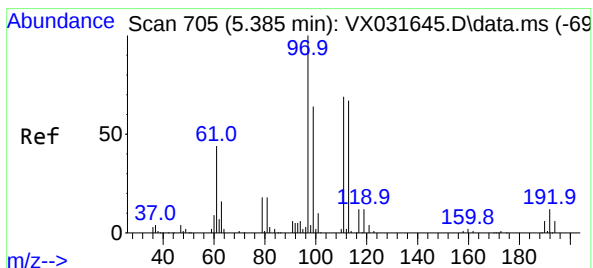
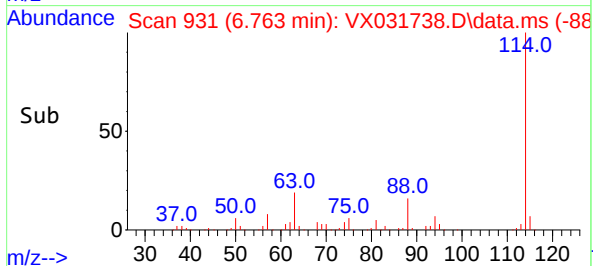
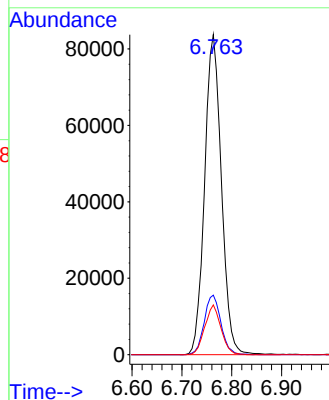
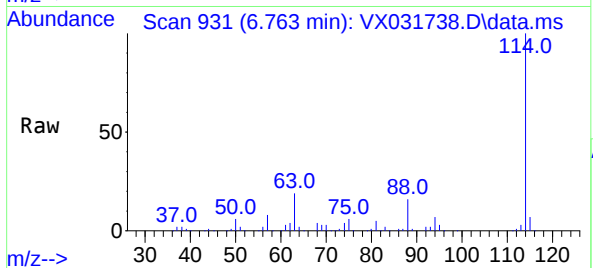
Tgt Ion:114 Resp: 195777

Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.6

88 15.5 0.0 33.0



#35

Dibromofluoromethane

Concen: 44.577 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX031738.D

Acq: 28 Sep 2022 19:34

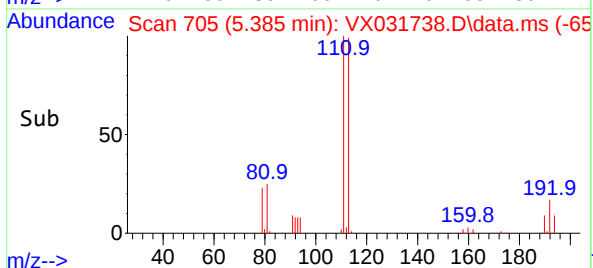
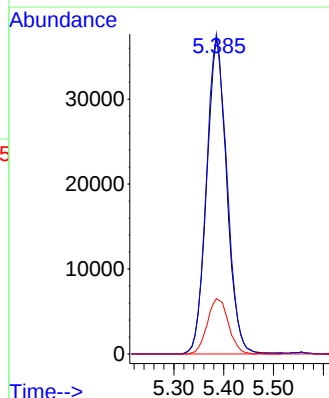
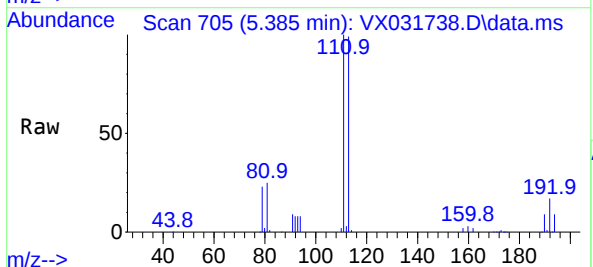
Tgt Ion:113 Resp: 103986

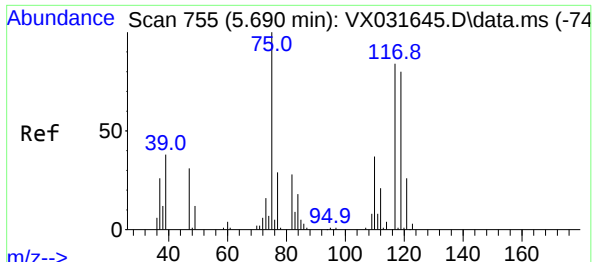
Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

192 18.4 14.1 21.1

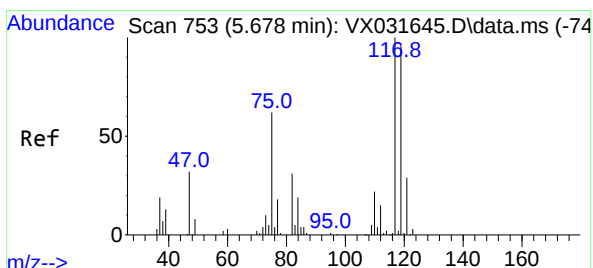
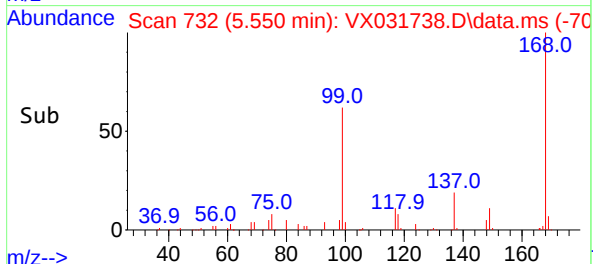
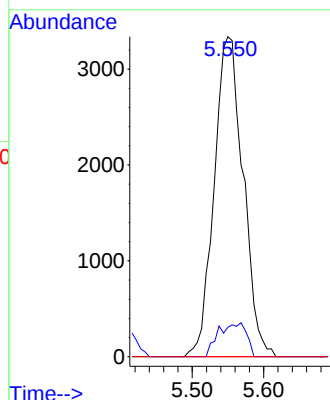
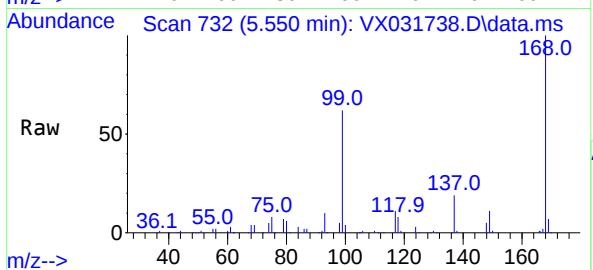




#36
1,1-Dichloropropene
Concen: 3.507 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX031738.D
Acq: 28 Sep 2022 19:34

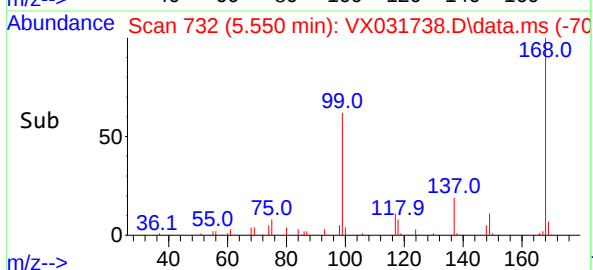
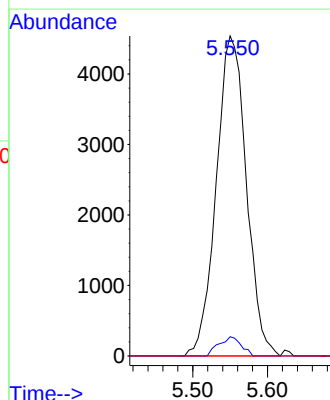
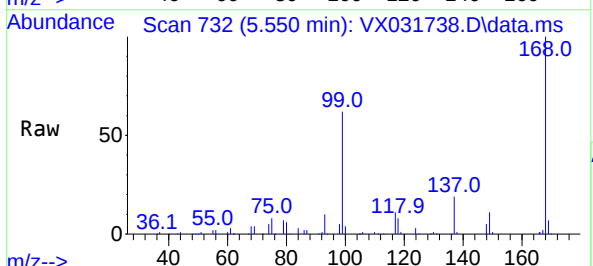
Instrument :
MSVOA_X
ClientSampleId :
A2720

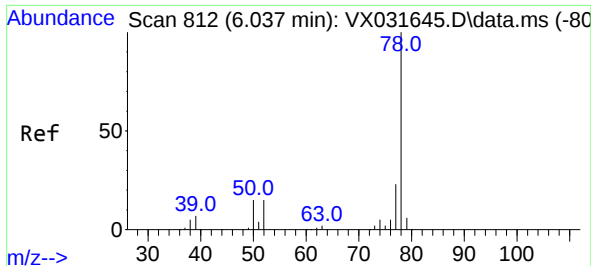
Tgt Ion: 75 Resp: 9394
Ion Ratio Lower Upper
75 100
110 10.2 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.205 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX031738.D
Acq: 28 Sep 2022 19:34

Tgt Ion: 117 Resp: 12697
Ion Ratio Lower Upper
117 100
119 6.0 74.6 112.0#
121 0.0 25.3 37.9#

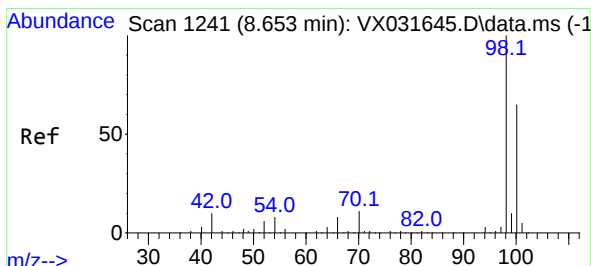
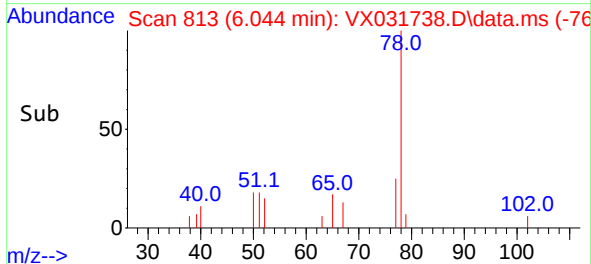
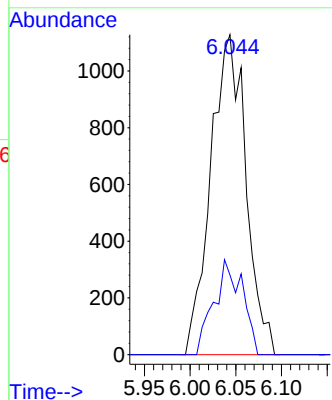
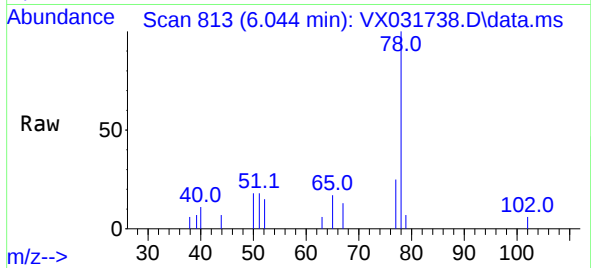




#40
Benzene
Concen: 0.368 ug/l
RT: 6.044 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX031738.D
Acq: 28 Sep 2022 19:34

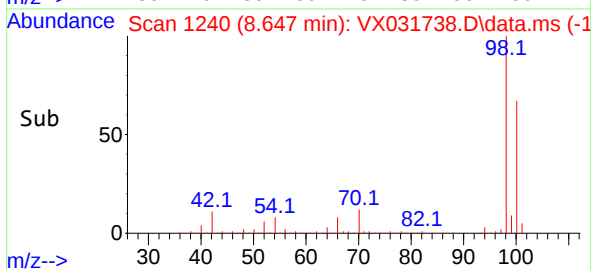
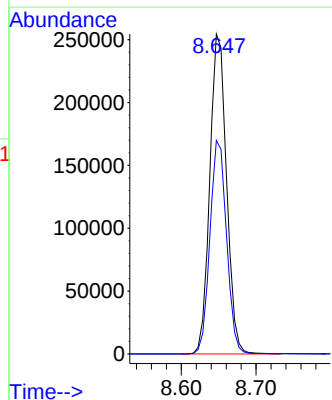
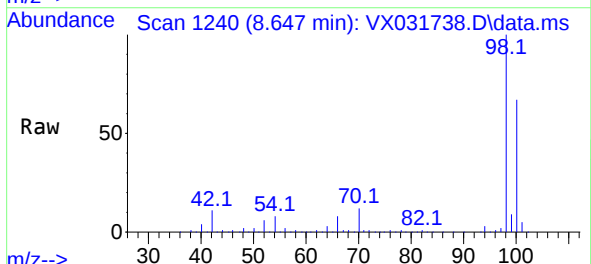
Instrument :
MSVOA_X
ClientSampleId :
A2720

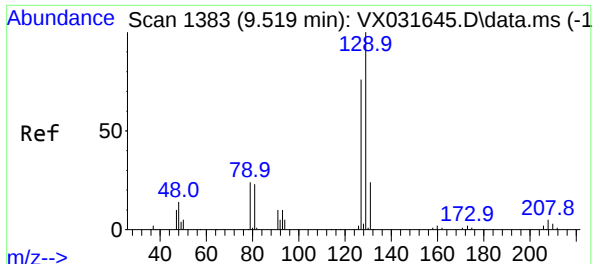
Tgt Ion: 78 Resp: 3025
Ion Ratio Lower Upper
78 100
77 24.9 18.7 28.1



#50
Toluene-d8
Concen: 46.881 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031738.D
Acq: 28 Sep 2022 19:34

Tgt Ion: 98 Resp: 396478
Ion Ratio Lower Upper
98 100
100 66.4 52.5 78.7





#60

Dibromochloromethane

Concen: 1.589 ug/l

RT: 9.281 min Scan# 11

Delta R.T. -0.244 min

Lab File: VX031738.D

Acq: 28 Sep 2022 19:34

Instrument :

MSVOA_X

ClientSampleId :

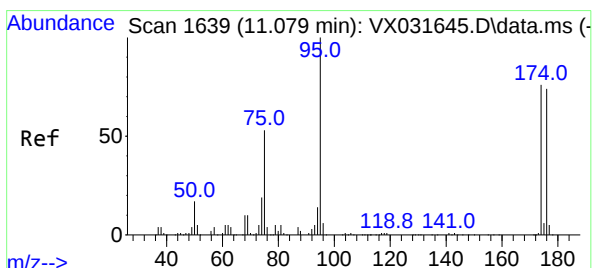
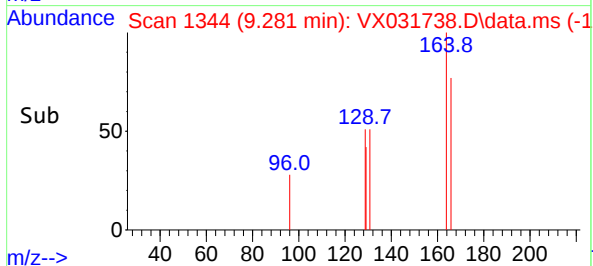
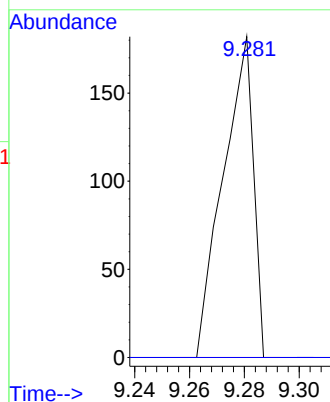
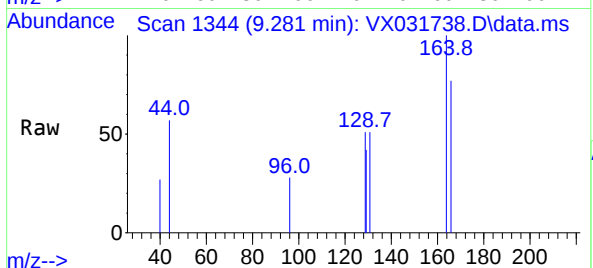
A2720

Tgt Ion:129 Resp: 139

Ion Ratio Lower Upper

129 100

127 0.0 38.7 116.1#



#62

4-Bromofluorobenzene

Concen: 43.767 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031738.D

Acq: 28 Sep 2022 19:34

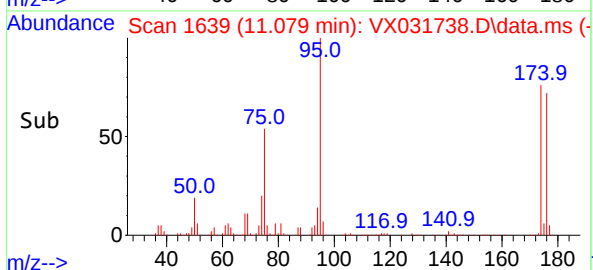
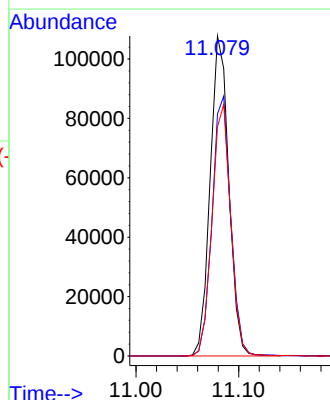
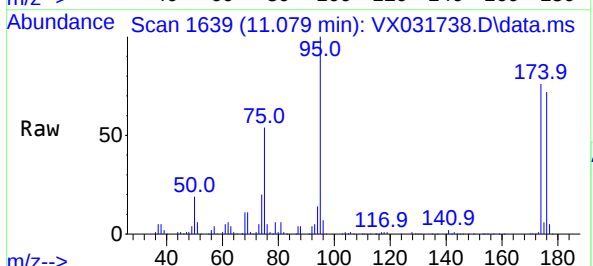
Tgt Ion: 95 Resp: 135664

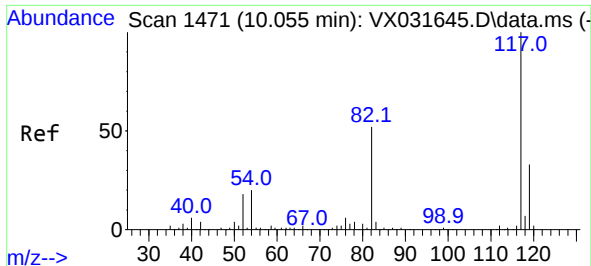
Ion Ratio Lower Upper

95 100

174 80.9 0.0 153.2

176 78.8 0.0 144.0

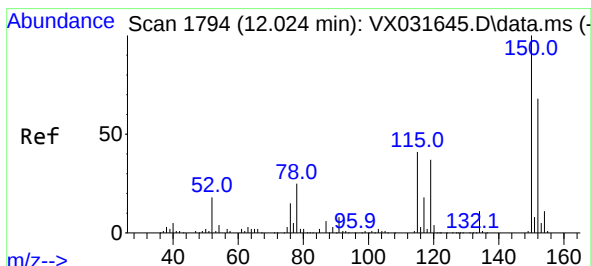
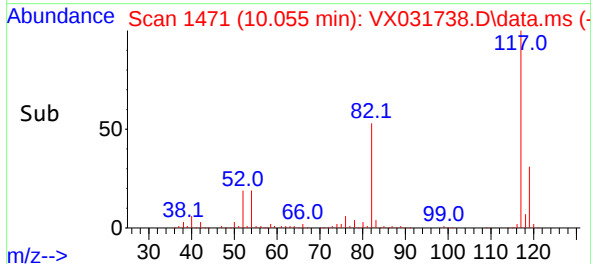
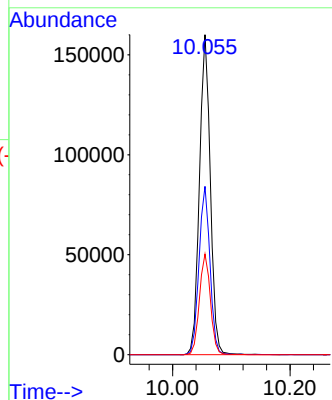
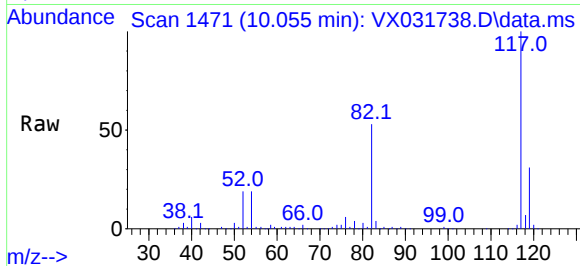




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031738.D
Acq: 28 Sep 2022 19:34

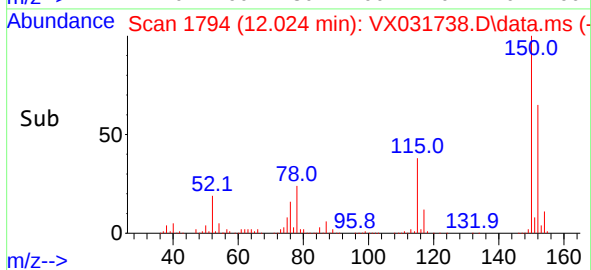
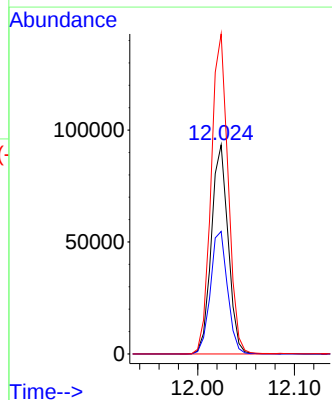
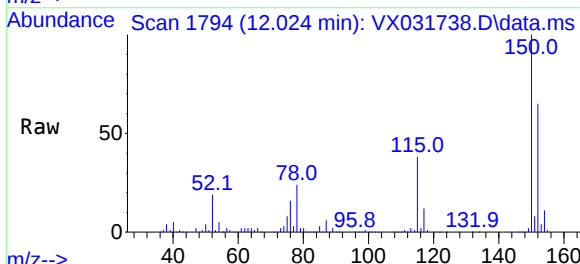
Instrument :
MSVOA_X
ClientSampleId :
A2720

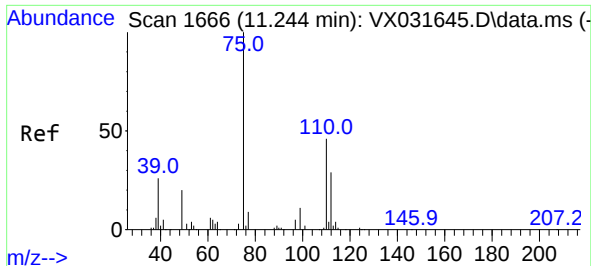
Tgt Ion:117 Resp: 205646
Ion Ratio Lower Upper
117 100
82 52.6 46.8 70.2
119 31.5 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031738.D
Acq: 28 Sep 2022 19:34

Tgt Ion:152 Resp: 112719
Ion Ratio Lower Upper
152 100
115 59.9 43.4 130.1
150 155.0 0.0 346.8

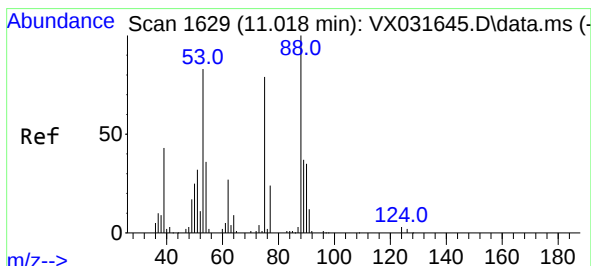
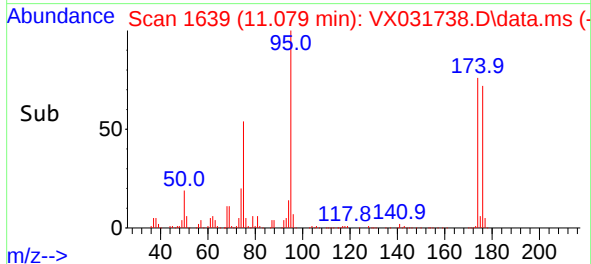
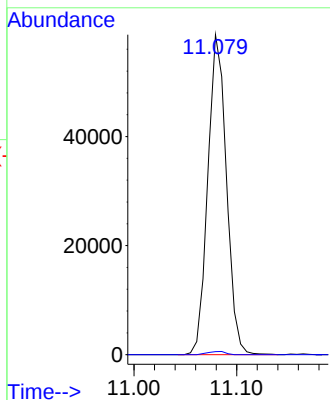
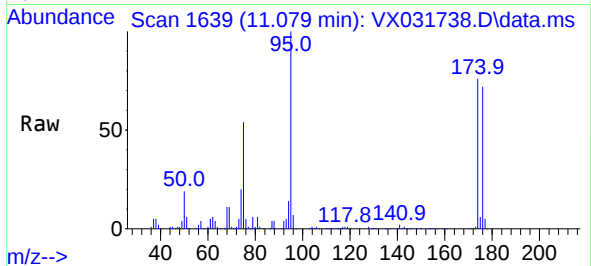




#76
1,2,3-Trichloropropane
Concen: 36.144 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031738.D
Acq: 28 Sep 2022 19:34

Instrument :
MSVOA_X
ClientSampleId :
A2720

Tgt Ion: 75 Resp: 73860
Ion Ratio Lower Upper
75 100
77 1.0 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.510 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031738.D
Acq: 28 Sep 2022 19:34

Tgt Ion: 75 Resp: 73860
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

