

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092722\
 Data File : VX031701.D
 Acq On : 27 Sep 2022 14:49
 Operator : JC/MD
 Sample : N4833-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 004-1

Quant Time: Sep 28 06:30:40 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)

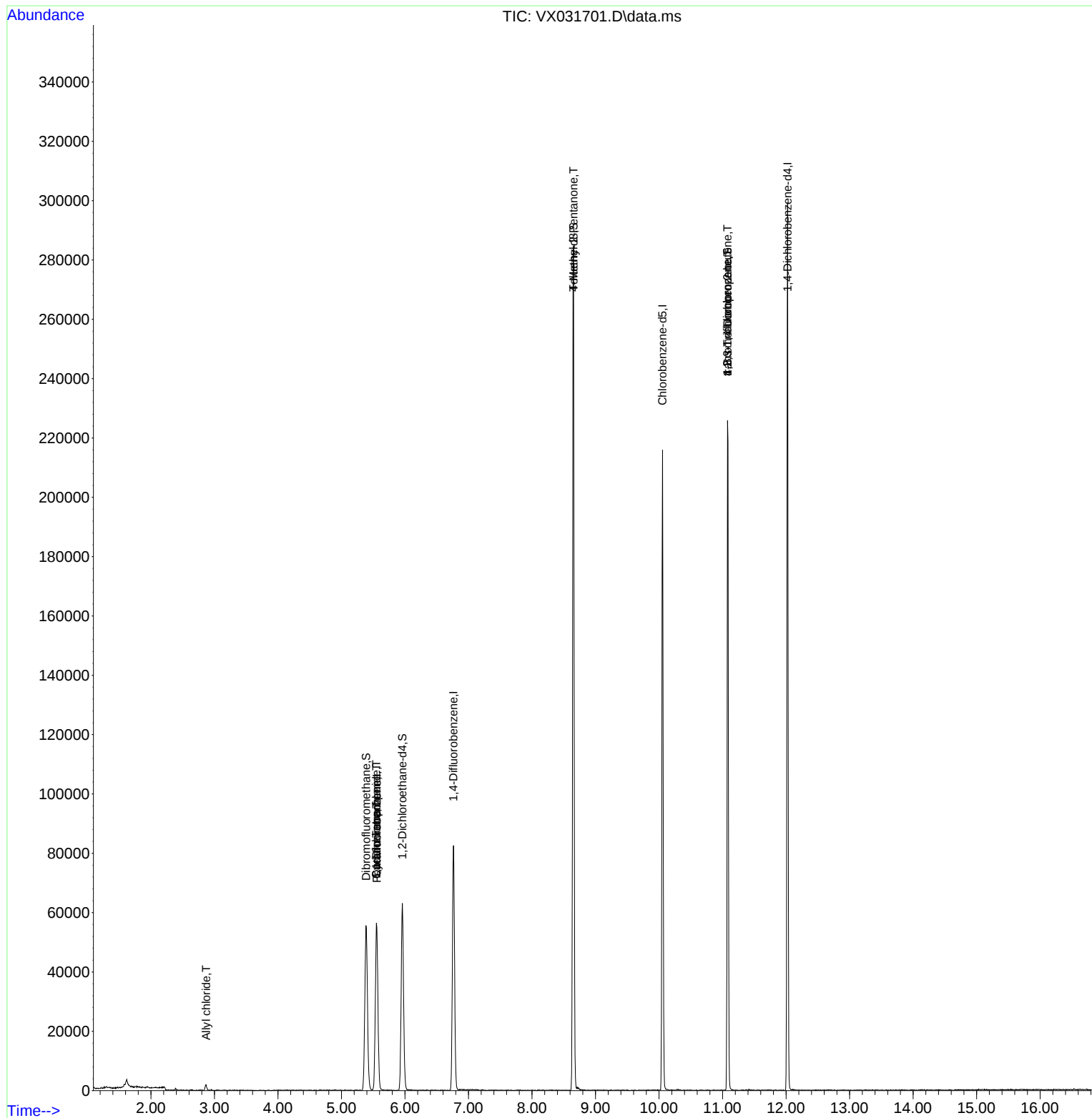
Internal Standards						
1) Pentafluorobenzene	5.556	168	53812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	84998	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	92836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57924	50.717	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.440%			
35) Dibromofluoromethane	5.385	113	45666	45.090	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.180%			
50) Toluene-d8	8.653	98	169918	46.278	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.560%			
62) 4-Bromofluorobenzene	11.079	95	56868	42.258	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 84.520%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	22	Below Cal	#	41
5) Bromomethane	1.618	94	361	Below Cal		91
11) Tert butyl alcohol	2.934	59	21	Below Cal	#	73
12) 1,1-Dichloroethene	2.044	96	19	Below Cal	#	1
14) Allyl chloride	2.867	41	554	0.589	ug/l #	78
16) Acetone	2.386	43	730	Below Cal		96
17) Carbon Disulfide	2.514	76	25	Below Cal	#	75
31) Cyclohexane	5.550	56	1264	1.164	ug/l #	43
36) 1,1-Dichloropropene	5.550	75	4093	3.519	ug/l #	52
38) Carbon Tetrachloride	5.550	117	5407	4.125	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	729	0.624	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32101	29.920	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32101	98.626	ug/l #	11

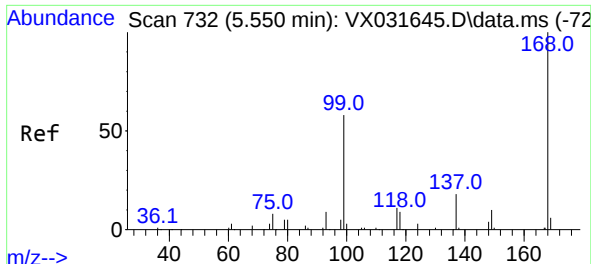
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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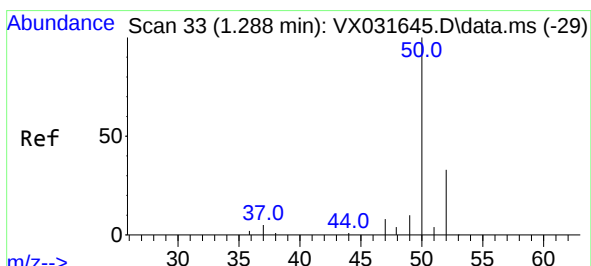
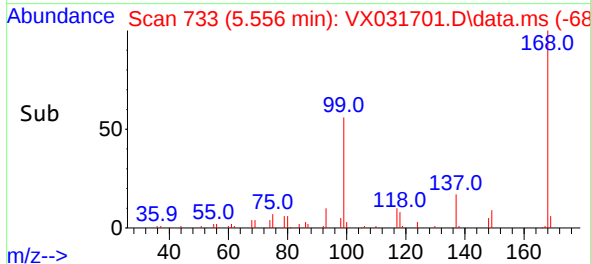
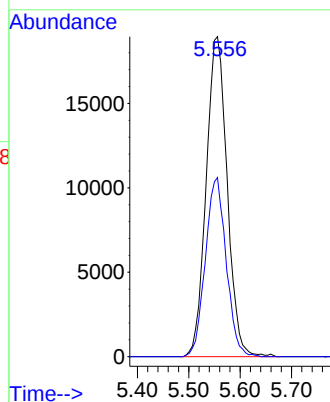
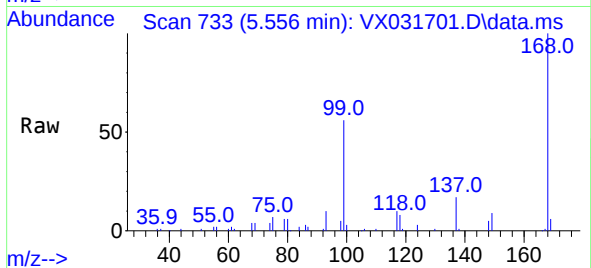




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031701.D
Acq: 27 Sep 2022 14:49

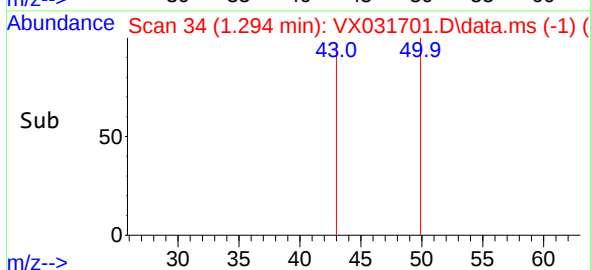
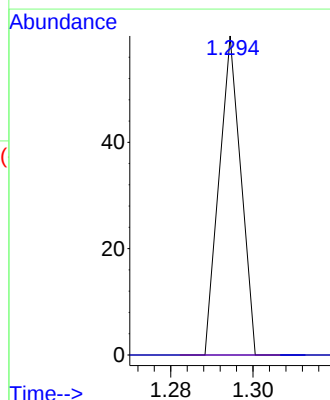
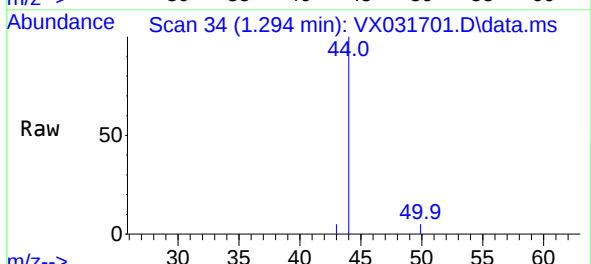
Instrument :
MSVOA_X
ClientSampleId :
004-1

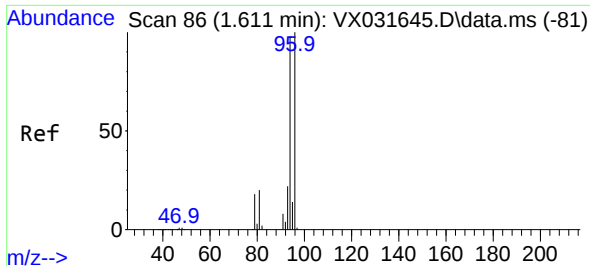
Tgt Ion:168 Resp: 53812
Ion Ratio Lower Upper
168 100
99 56.0 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031701.D
Acq: 27 Sep 2022 14:49

Tgt Ion: 50 Resp: 22
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

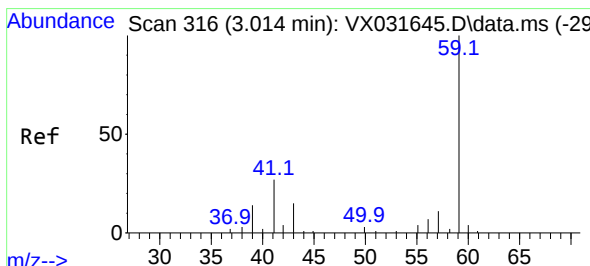
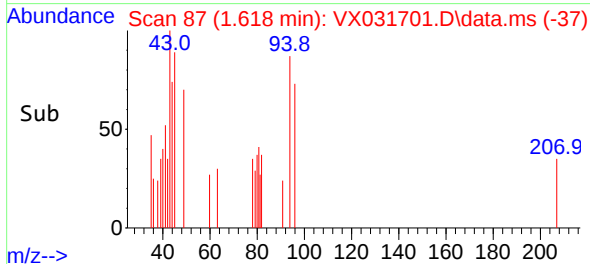
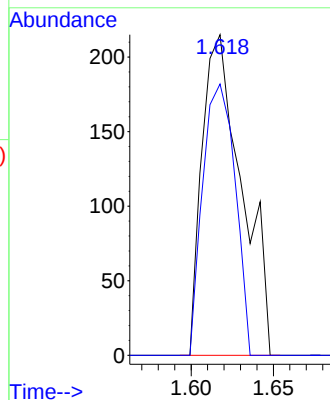
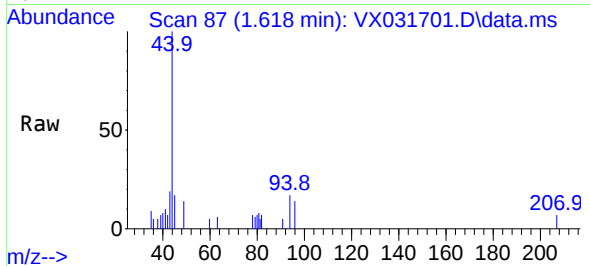




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX031701.D
Acq: 27 Sep 2022 14:49

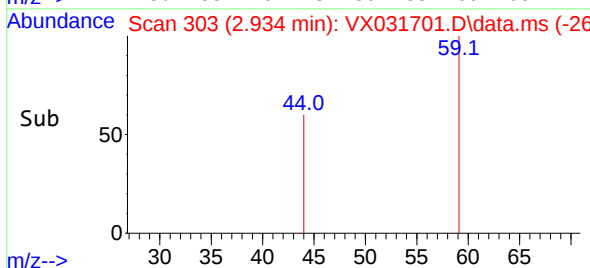
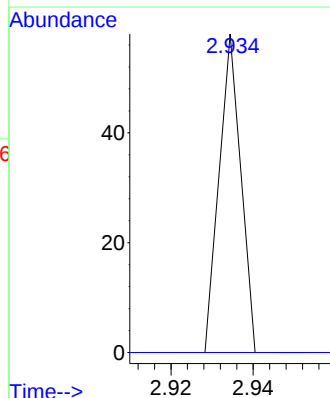
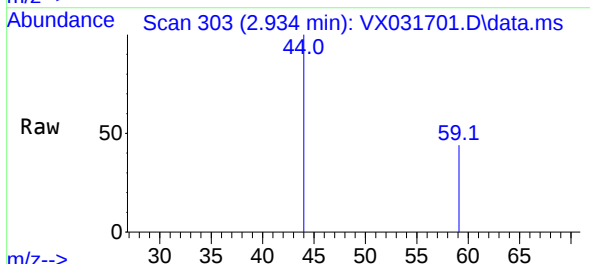
Instrument :
MSVOA_X
ClientSampleId :
004-1

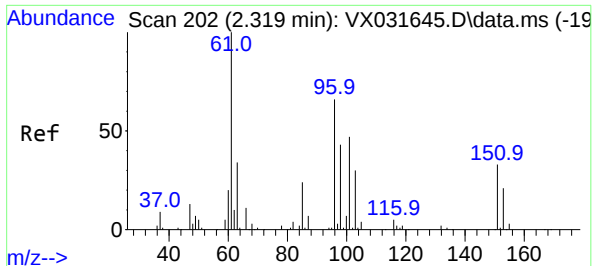
Tgt Ion: 94 Resp: 361
Ion Ratio Lower Upper
94 100
96 84.7 74.4 111.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.934 min Scan# 303
Delta R.T. -0.055 min
Lab File: VX031701.D
Acq: 27 Sep 2022 14:49

Tgt Ion: 59 Resp: 21
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

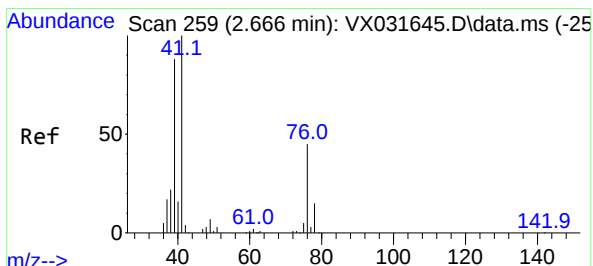
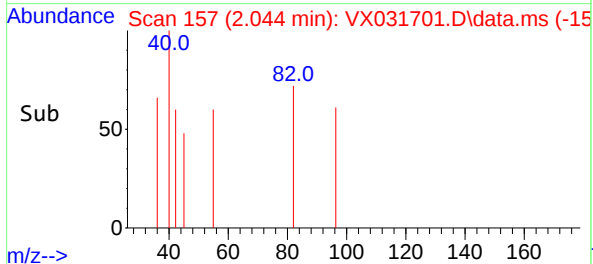
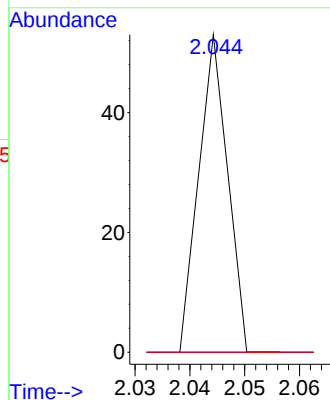
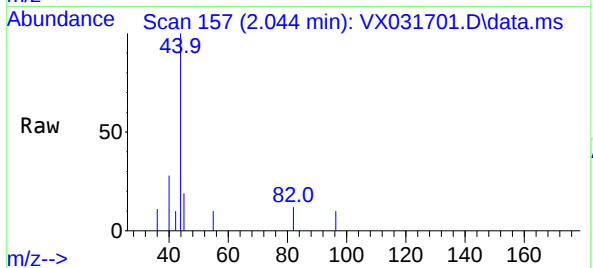




#12
1,1-Dichloroethene
Concen: Below Cal
RT: 2.044 min Scan# 11
Delta R.T. -0.275 min
Lab File: VX031701.D
Acq: 27 Sep 2022 14:49

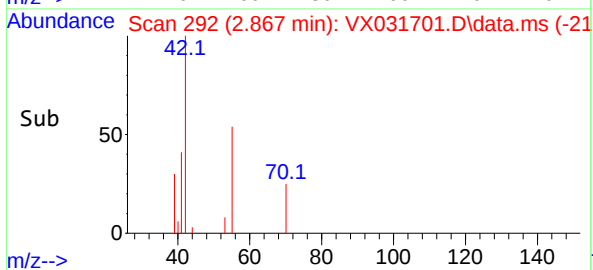
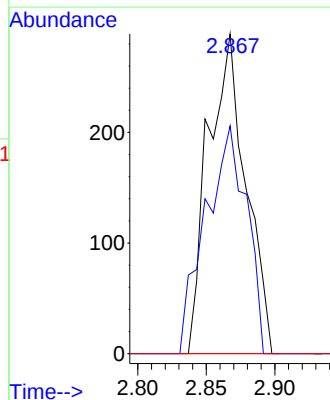
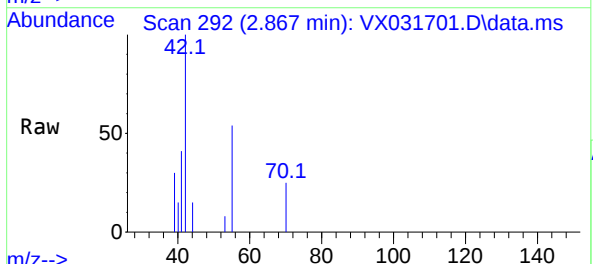
Instrument :
MSVOA_X
ClientSampleId :
004-1

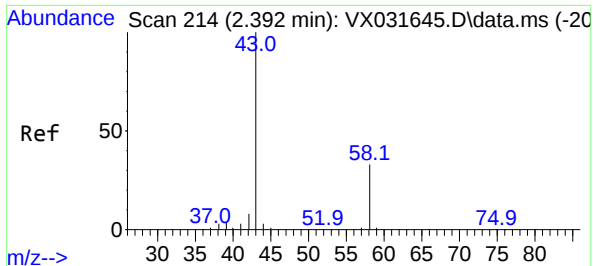
Tgt Ion: 96 Resp: 19
Ion Ratio Lower Upper
96 100
61 0.0 135.3 202.9#
98 0.0 49.4 74.2#



#14
Allyl chloride
Concen: 0.589 ug/l
RT: 2.867 min Scan# 292
Delta R.T. 0.201 min
Lab File: VX031701.D
Acq: 27 Sep 2022 14:49

Tgt Ion: 41 Resp: 554
Ion Ratio Lower Upper
41 100
39 77.4 58.2 87.4
76 0.0 26.9 40.3#

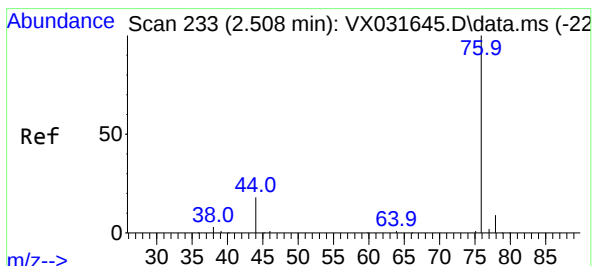
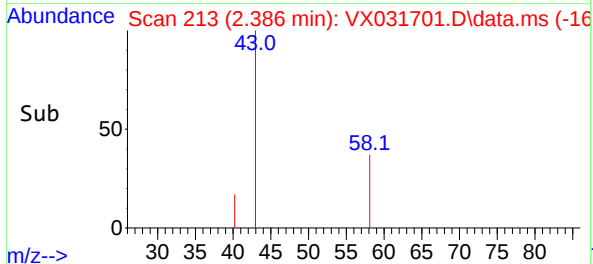
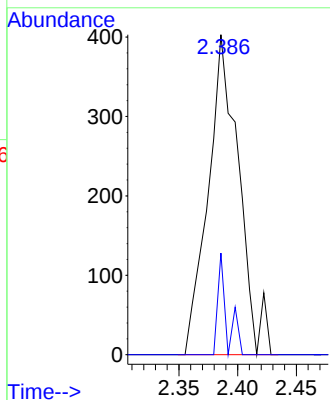
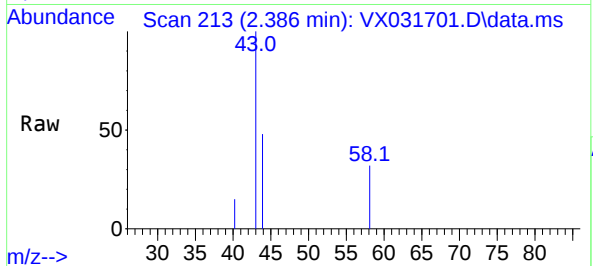




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031701.D
Acq: 27 Sep 2022 14:49

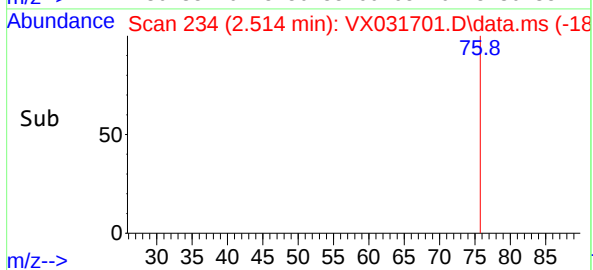
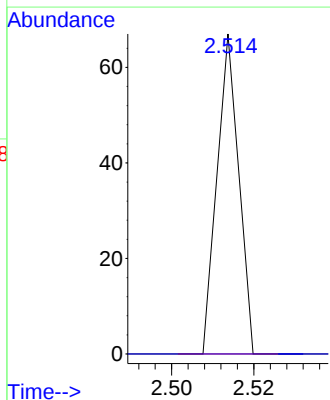
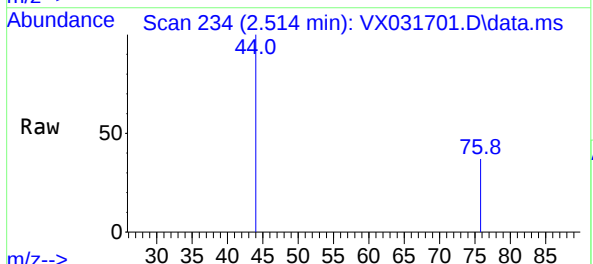
Instrument :
MSVOA_X
ClientSampleId :
004-1

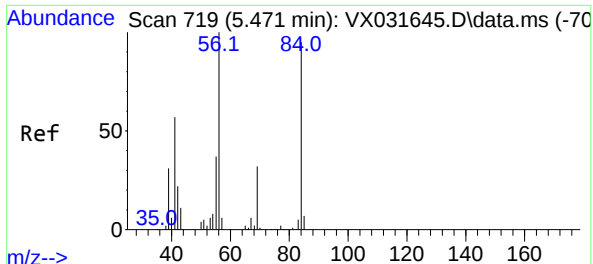
Tgt Ion: 43 Resp: 730
Ion Ratio Lower Upper
43 100
58 31.8 23.8 35.8



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX031701.D
Acq: 27 Sep 2022 14:49

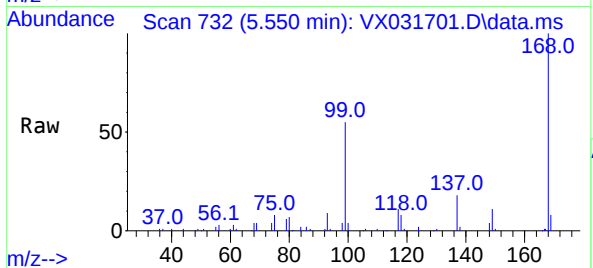
Tgt Ion: 76 Resp: 25
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



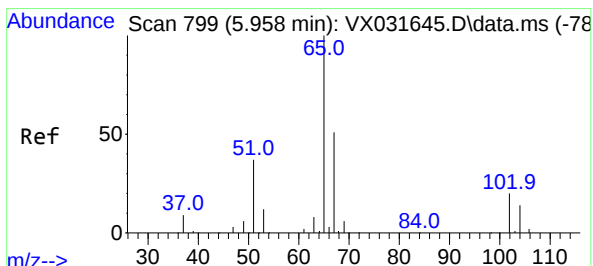
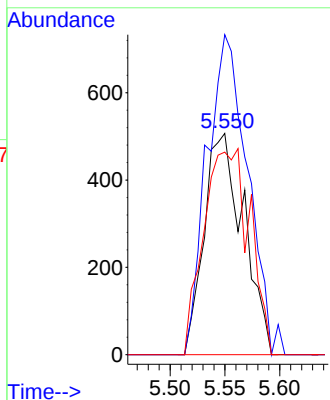
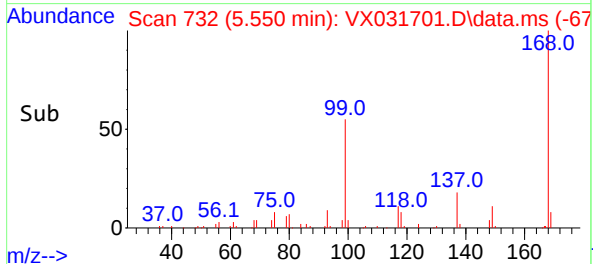


#31
Cyclohexane
Concen: 1.164 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX031701.D
Acq: 27 Sep 2022 14:49

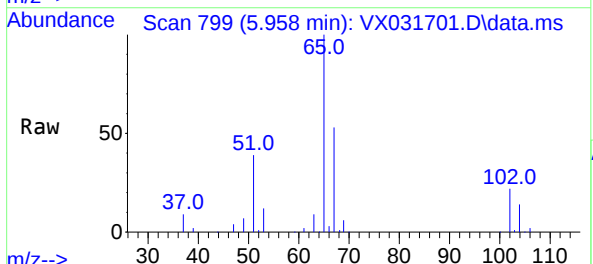
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MSVOA_X
ClientSampleId :
004-1



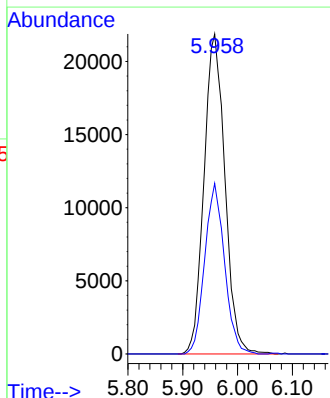
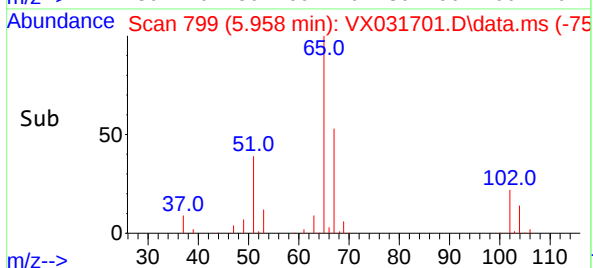
Tgt Ion: 56 Resp: 1264
Ion Ratio Lower Upper
56 100
69 144.6 25.1 37.7#
84 91.5 70.2 105.4

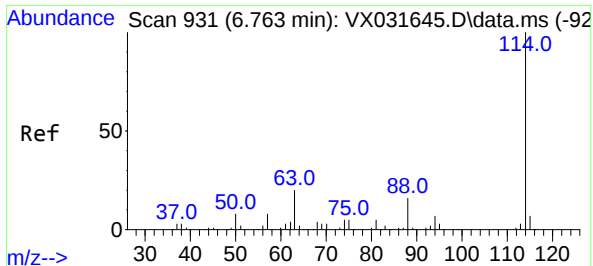


#33
1,2-Dichloroethane-d4
Concen: 50.717 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031701.D
Acq: 27 Sep 2022 14:49



Tgt Ion: 65 Resp: 57924
Ion Ratio Lower Upper
65 100
67 50.4 0.0 102.4

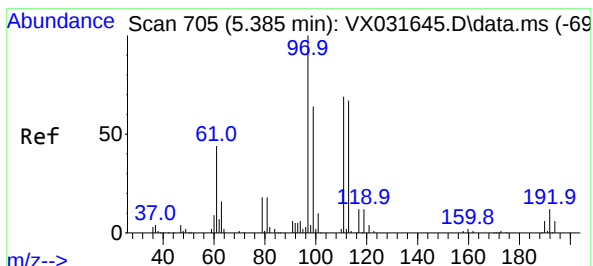
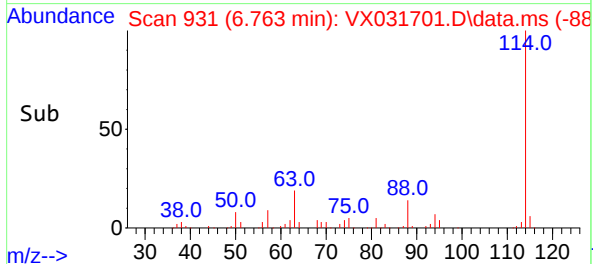
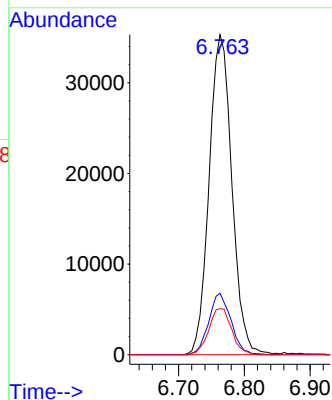
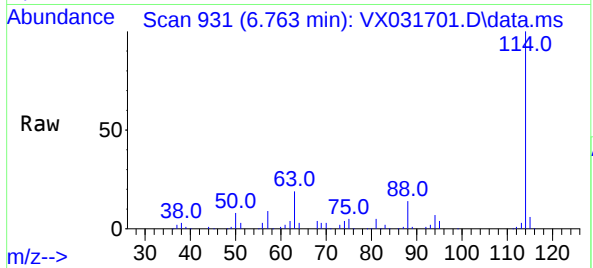




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031701.D
Acq: 27 Sep 2022 14:49

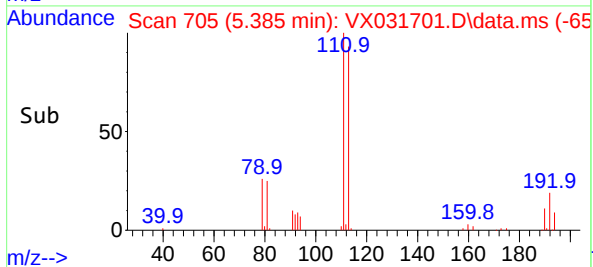
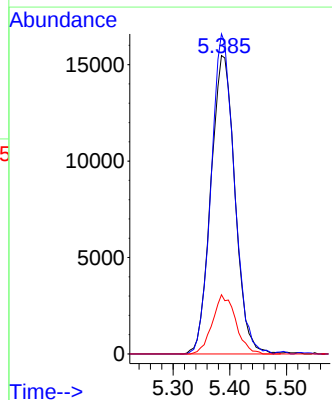
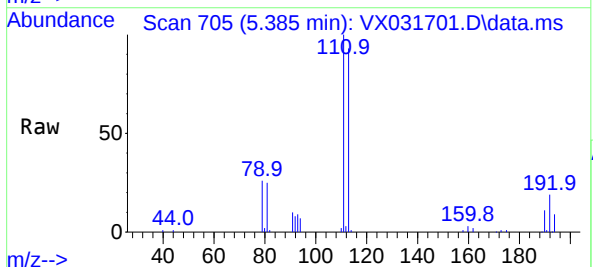
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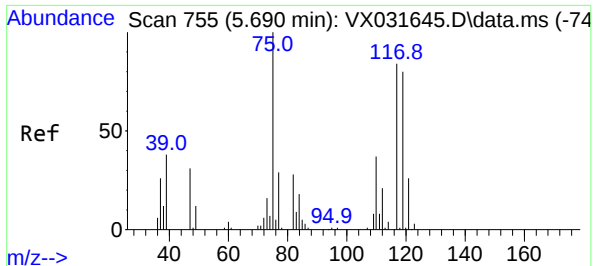
Tgt Ion:114 Resp: 84998
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.6
88 14.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 45.090 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031701.D
Acq: 27 Sep 2022 14:49

Tgt Ion:113 Resp: 45666
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 19.2 14.1 21.1

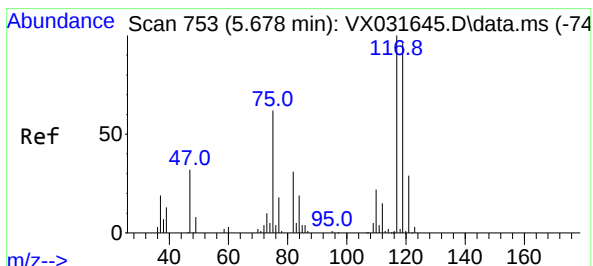
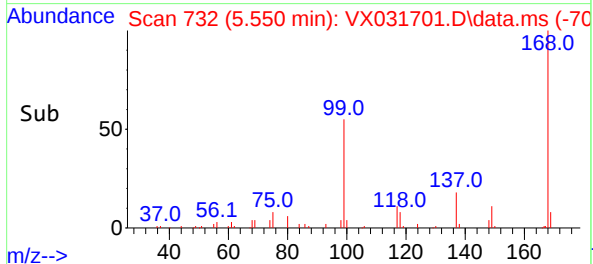
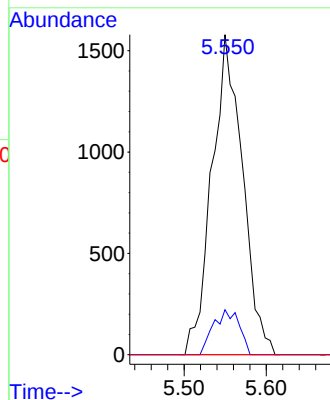
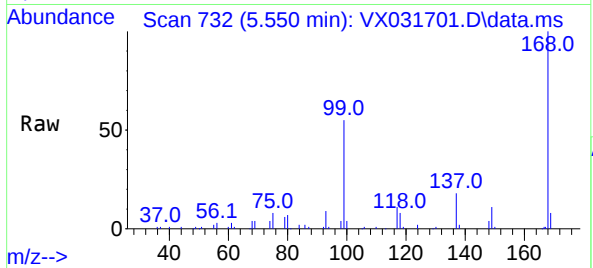




#36
1,1-Dichloropropene
Concen: 3.519 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX031701.D
Acq: 27 Sep 2022 14:49

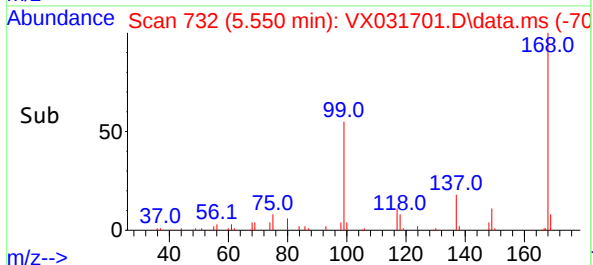
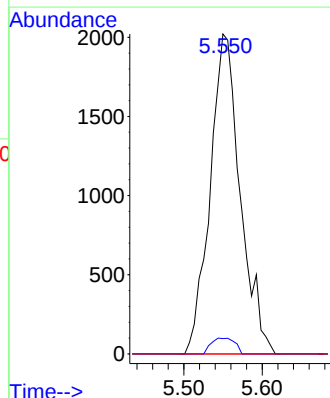
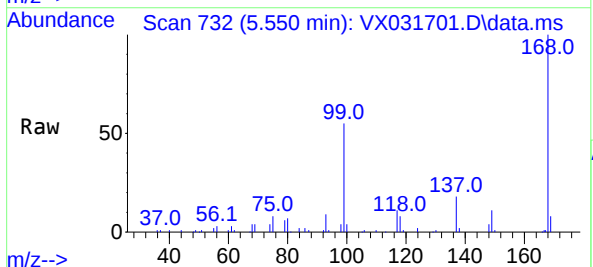
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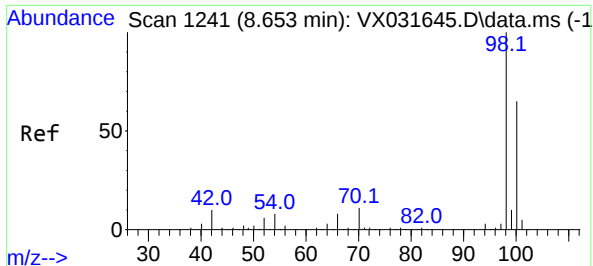
Tgt Ion: 75 Resp: 4093
Ion Ratio Lower Upper
75 100
110 11.8 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.125 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX031701.D
Acq: 27 Sep 2022 14:49

Tgt Ion: 117 Resp: 5407
Ion Ratio Lower Upper
117 100
119 4.8 74.6 112.0#
121 0.0 25.3 37.9#

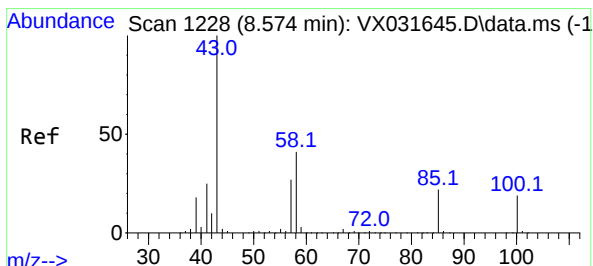
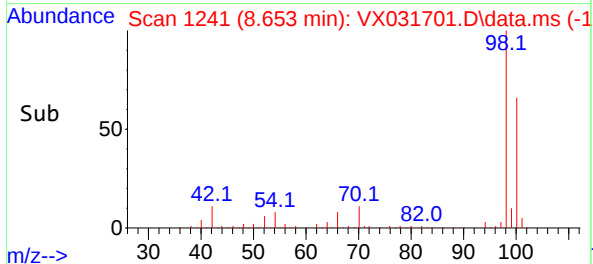
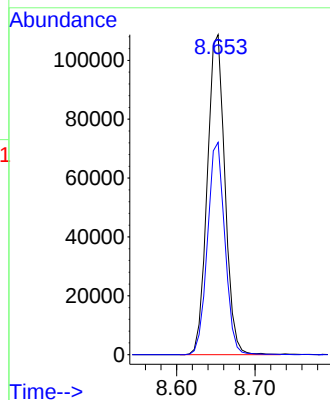
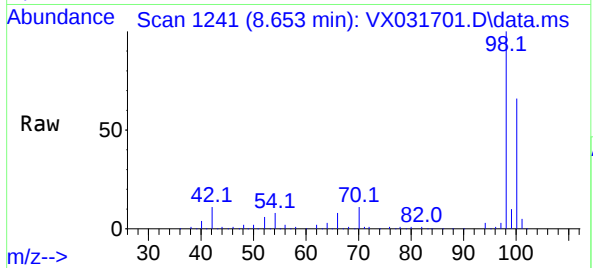




#50
Toluene-d8
Concen: 46.278 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031701.D
Acq: 27 Sep 2022 14:49

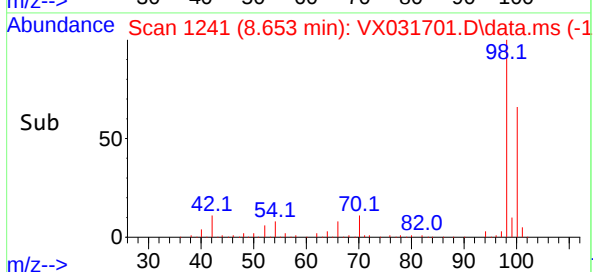
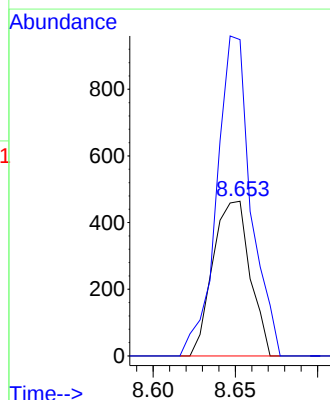
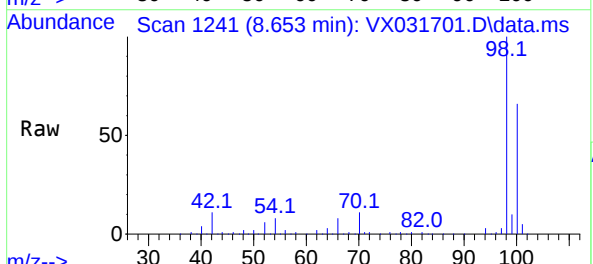
Instrument :
MSVOA_X
ClientSampleId :
004-1

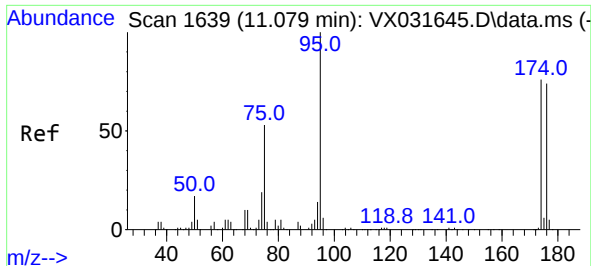
Tgt Ion: 98 Resp: 169918
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.624 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX031701.D
Acq: 27 Sep 2022 14:49

Tgt Ion: 43 Resp: 729
Ion Ratio Lower Upper
43 100
58 191.1 30.6 46.0#





#62

4-Bromofluorobenzene

Concen: 42.258 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031701.D

Acq: 27 Sep 2022 14:49

Instrument :

MSVOA_X

ClientSampleId :

004-1

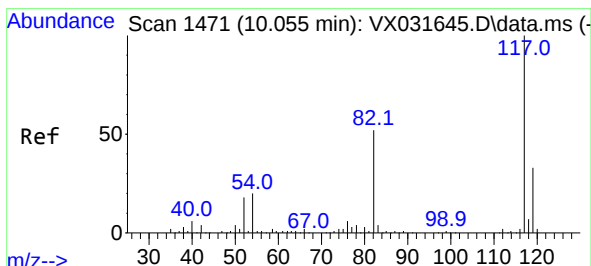
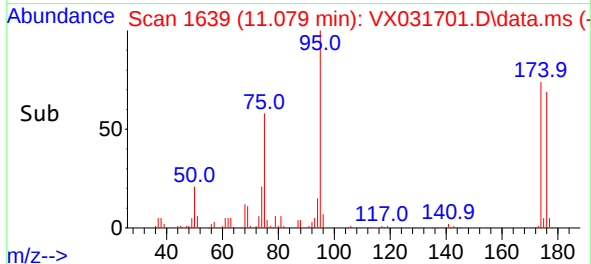
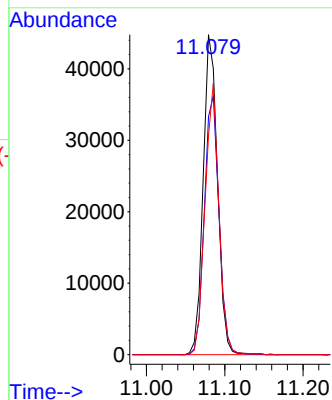
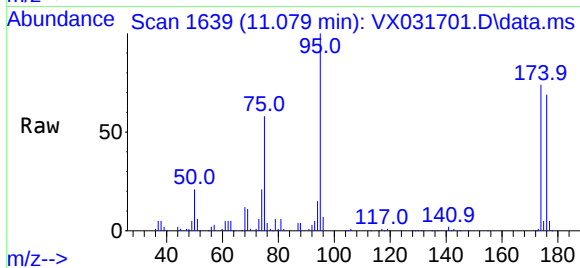
Tgt Ion: 95 Resp: 56868

Ion Ratio Lower Upper

95 100

174 82.8 0.0 153.2

176 82.1 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: VX031701.D

Acq: 27 Sep 2022 14:49

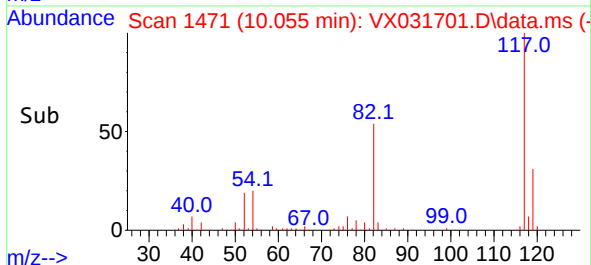
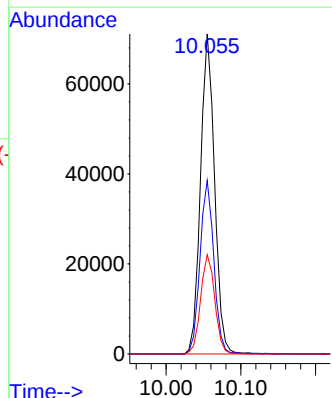
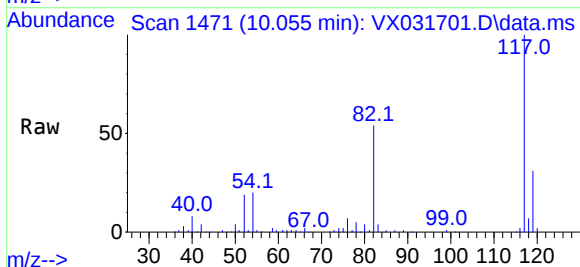
Tgt Ion: 117 Resp: 92836

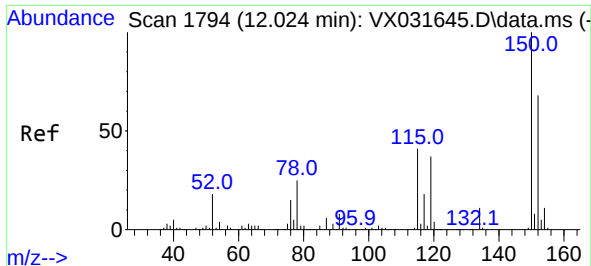
Ion Ratio Lower Upper

117 100

82 54.2 46.8 70.2

119 31.0 26.4 39.6

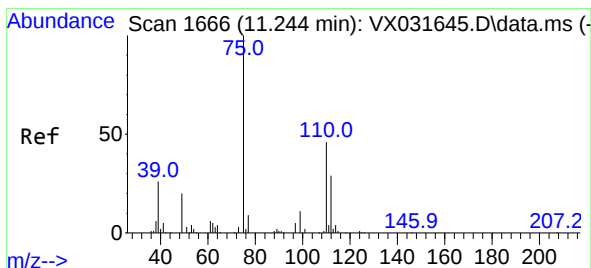
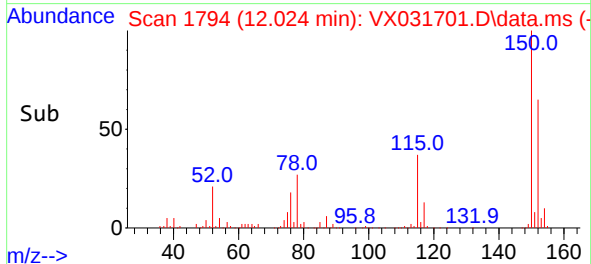
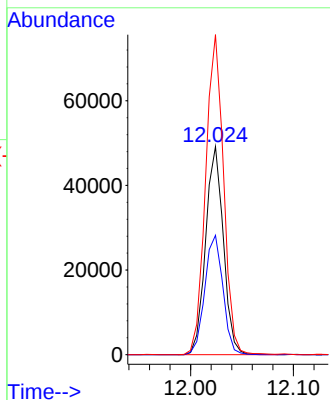
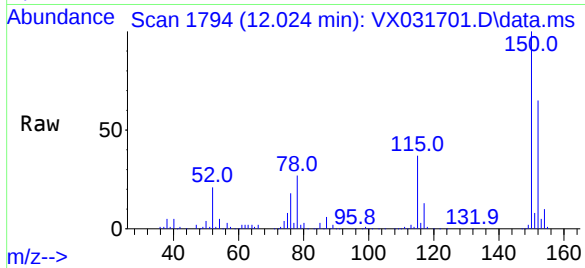




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031701.D
Acq: 27 Sep 2022 14:49

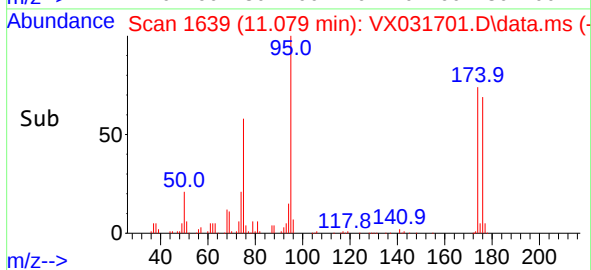
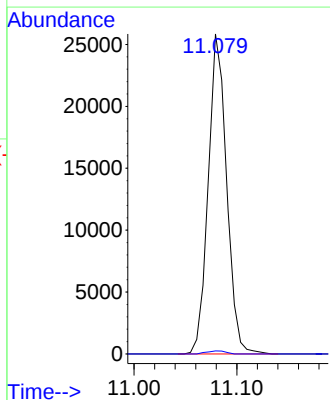
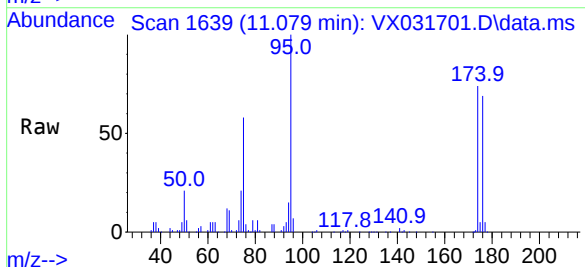
Instrument :
MSVOA_X
ClientSampleId :
004-1

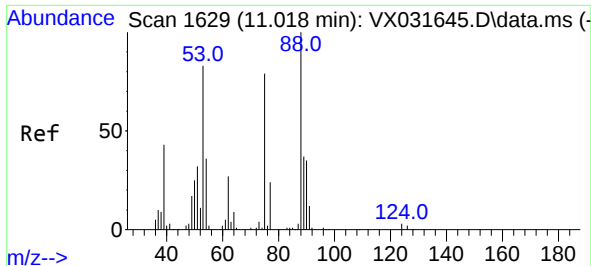
Tgt Ion:152 Resp: 59182
Ion Ratio Lower Upper
152 100
115 58.6 43.4 130.1
150 155.6 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 29.920 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031701.D
Acq: 27 Sep 2022 14:49

Tgt Ion: 75 Resp: 32101
Ion Ratio Lower Upper
75 100
77 1.0 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.626 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031701.D
 Acq: 27 Sep 2022 14:49

Instrument :
 MSVOA_X
 ClientSampleId :
 004-1

Tgt Ion: 75 Resp: 32101
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

