

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092722\
 Data File : VX031709.D
 Acq On : 27 Sep 2022 18:07
 Operator : JC/MD
 Sample : N4837-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 251563-4

Quant Time: Sep 28 06:32:01 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)

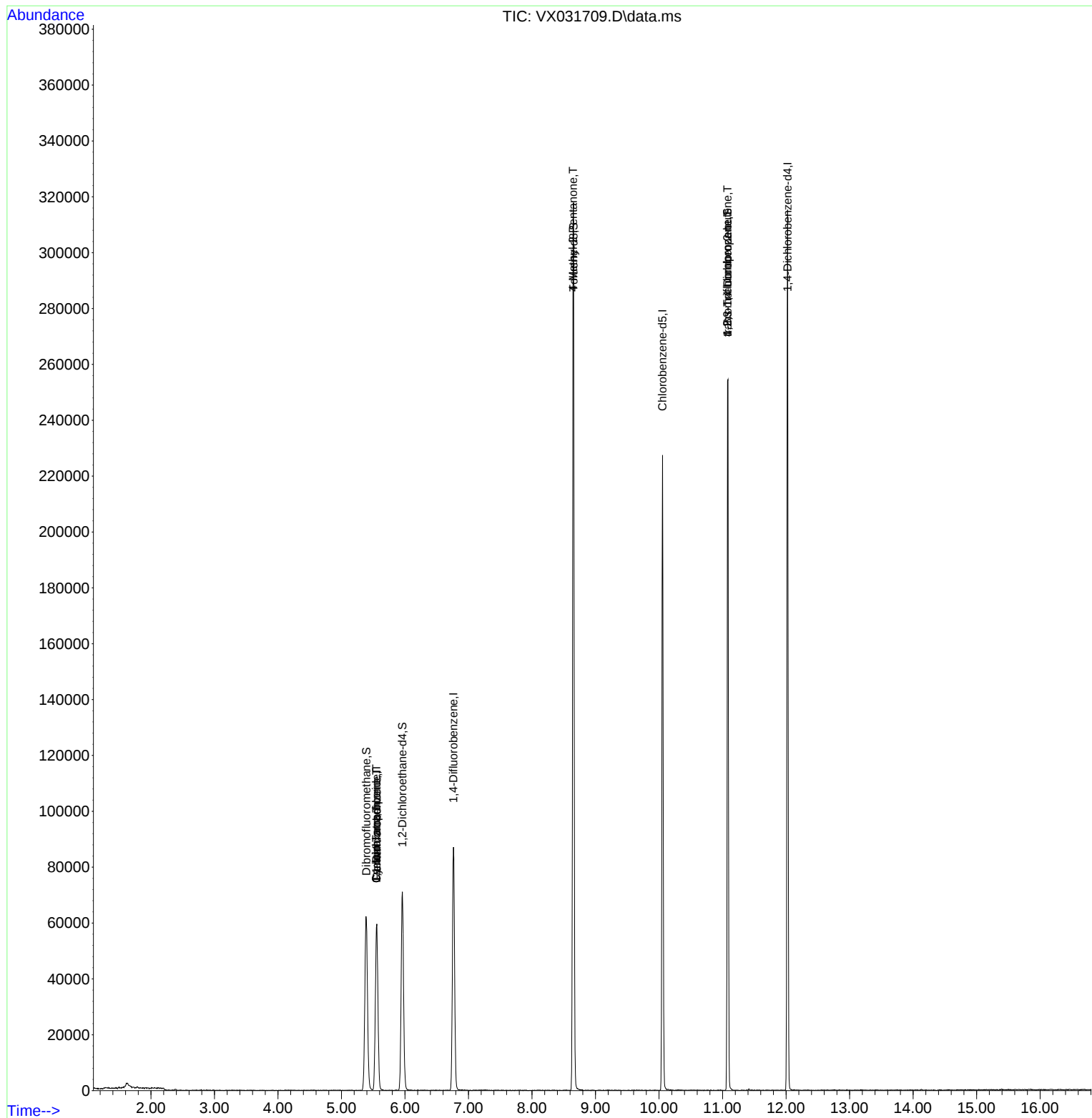
Internal Standards						
1) Pentafluorobenzene	5.556	168	56385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	89864	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62678	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66080	55.218	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.440%
35) Dibromofluoromethane	5.391	113	52034	48.596	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.200%
50) Toluene-d8	8.653	98	193416	49.825	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.660%
62) 4-Bromofluorobenzene	11.079	95	64781	45.531	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.060%
Target Compounds						
						Qvalue
5) Bromomethane	1.611	94	283	Below Cal	#	56
11) Tert butyl alcohol	2.977	59	19	Below Cal	#	73
16) Acetone	2.398	43	515	Below Cal	#	45
31) Cyclohexane	5.549	56	1455	1.279	ug/l #	59
36) 1,1-Dichloropropene	5.549	75	4532	3.686	ug/l #	48
38) Carbon Tetrachloride	5.549	117	5882	4.244	ug/l #	17
51) 4-Methyl-2-Pentanone	8.646	43	839	0.679	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34889	30.705	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34889	101.133	ug/l #	11

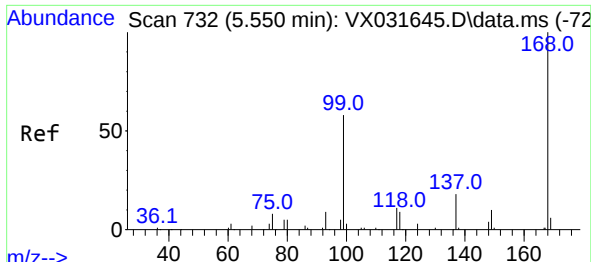
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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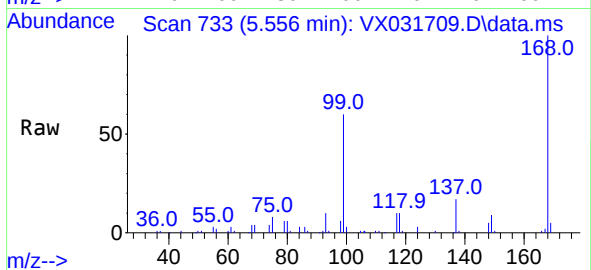
Quant Time: Sep 28 06:32:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
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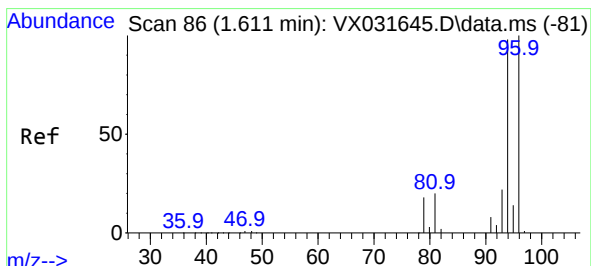
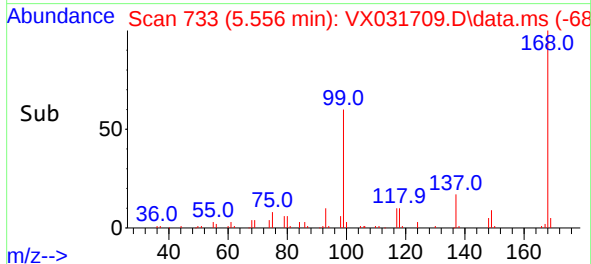
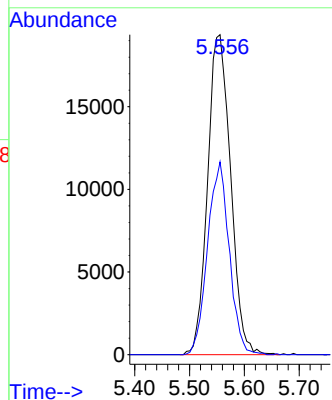


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031709.D
Acq: 27 Sep 2022 18:07

Instrument :
MSVOA_X
ClientSampleId :
251563-4

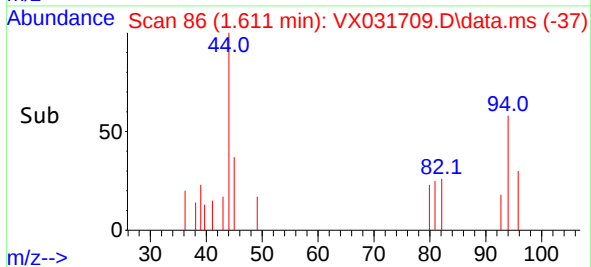
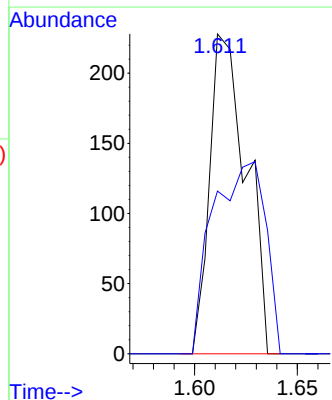
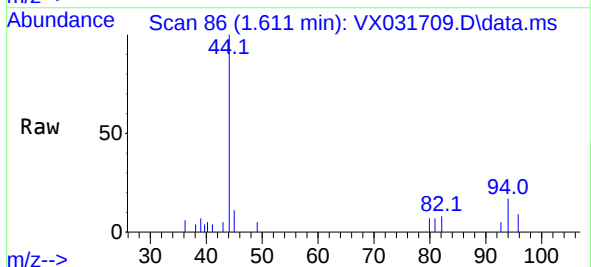


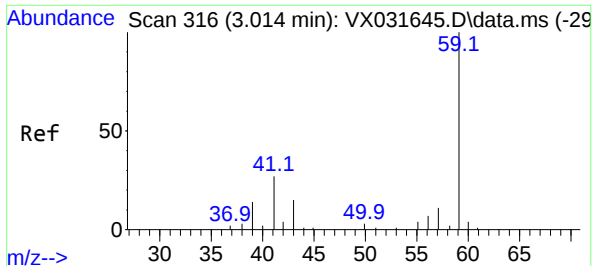
Tgt Ion:168 Resp: 56385
Ion Ratio Lower Upper
168 100
99 60.3 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX031709.D
Acq: 27 Sep 2022 18:07

Tgt Ion: 94 Resp: 283
Ion Ratio Lower Upper
94 100
96 50.9 74.4 111.6#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.977 min Scan# 31

Delta R.T. -0.012 min

Lab File: VX031709.D

Acq: 27 Sep 2022 18:07

Instrument :

MSVOA_X

ClientSampleId :

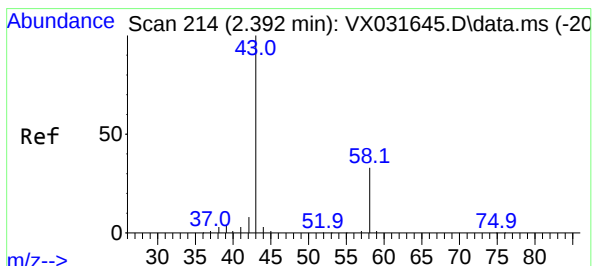
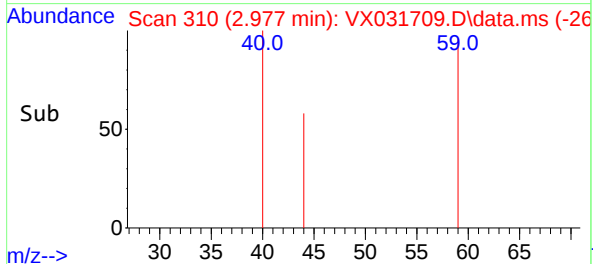
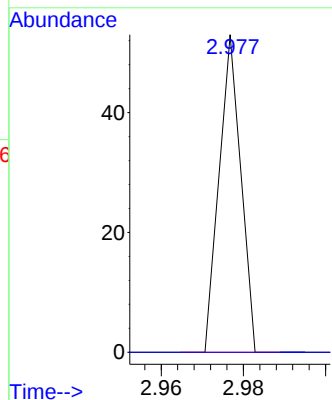
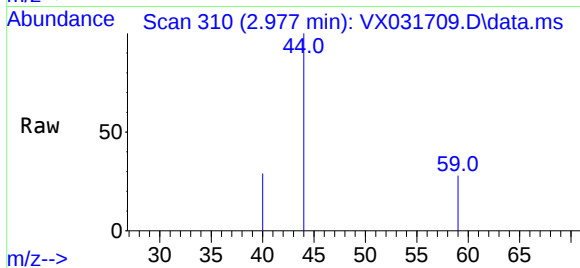
251563-4

Tgt Ion: 59 Resp: 19

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: Below Cal

RT: 2.398 min Scan# 215

Delta R.T. 0.012 min

Lab File: VX031709.D

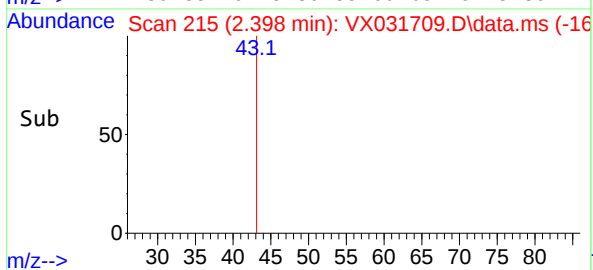
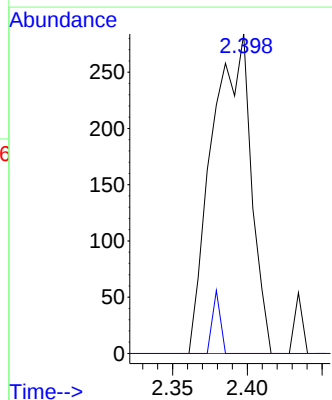
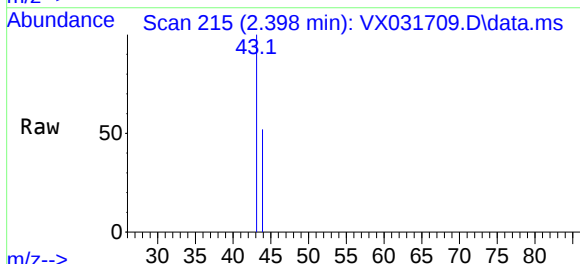
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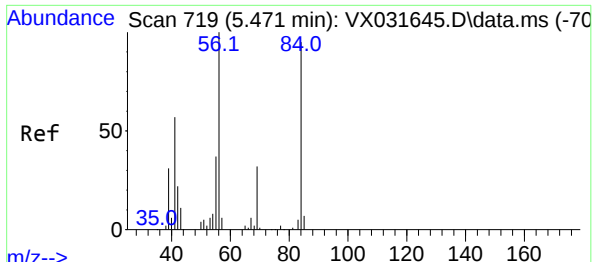
Tgt Ion: 43 Resp: 515

Ion Ratio Lower Upper

43 100

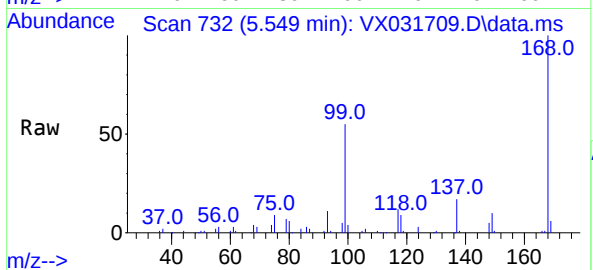
58 0.0 23.8 35.8#



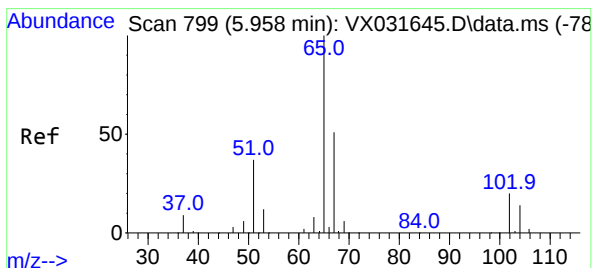
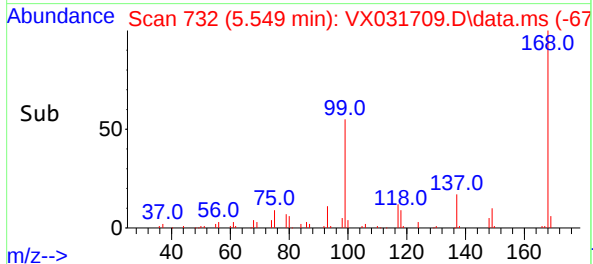
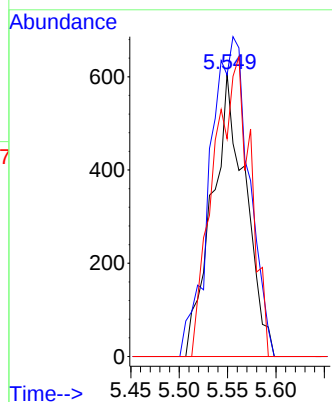


#31
Cyclohexane
Concen: 1.279 ug/l
RT: 5.549 min Scan# 719
Delta R.T. 0.078 min
Lab File: VX031709.D
Acq: 27 Sep 2022 18:07

Instrument :
MSVOA_X
ClientSampleId :
251563-4

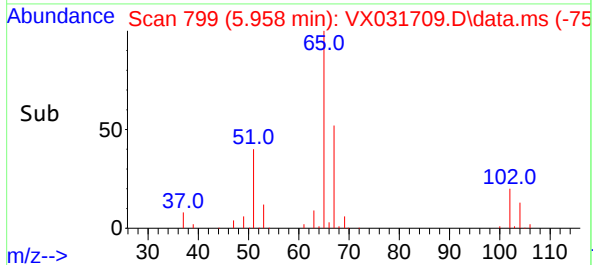
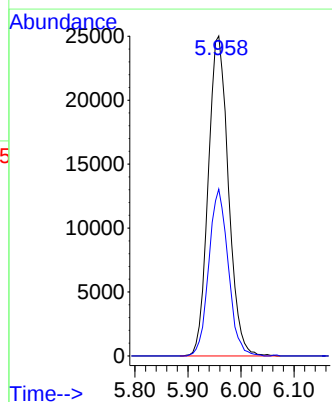
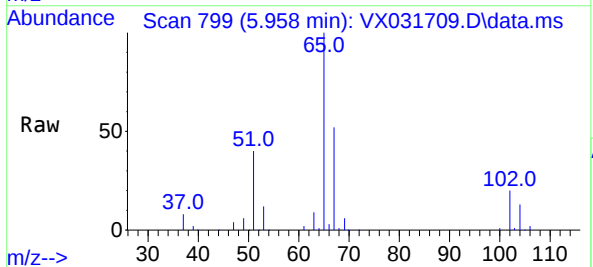


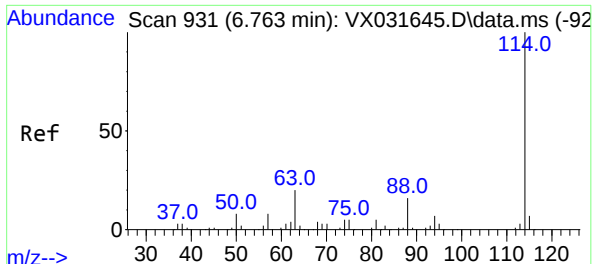
Tgt Ion: 56 Resp: 1455
Ion Ratio Lower Upper
56 100
69 99.5 25.1 37.7#
84 76.9 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 55.218 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX031709.D
Acq: 27 Sep 2022 18:07

Tgt Ion: 65 Resp: 66080
Ion Ratio Lower Upper
65 100
67 50.2 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: VX031709.D

Acq: 27 Sep 2022 18:07

Instrument :

MSVOA_X

ClientSampleId :

251563-4

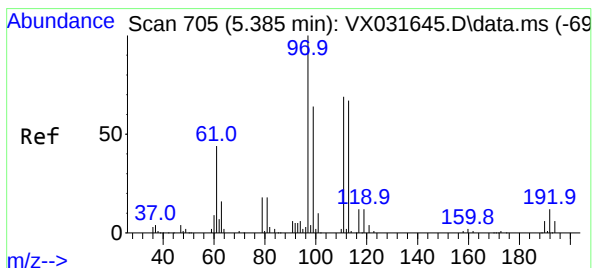
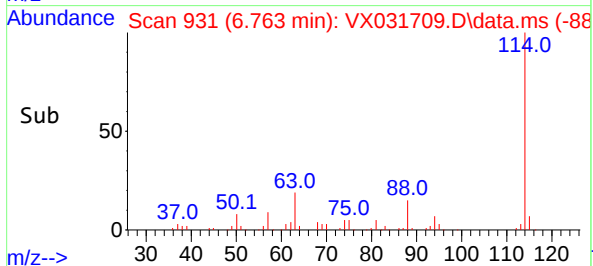
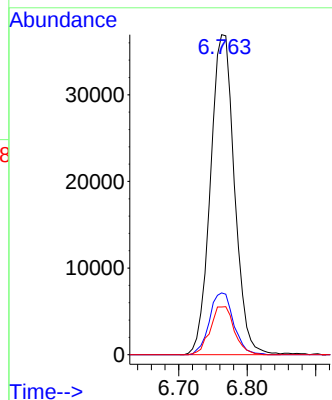
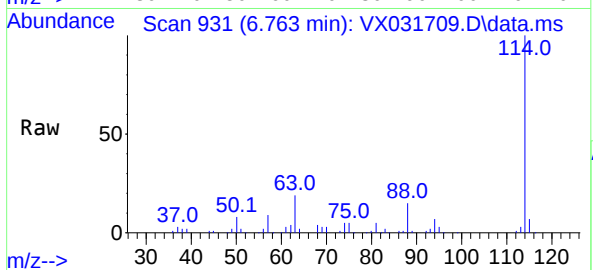
Tgt Ion:114 Resp: 89864

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.6

88 14.9 0.0 33.0



#35

Dibromofluoromethane

Concen: 48.596 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX031709.D

Acq: 27 Sep 2022 18:07

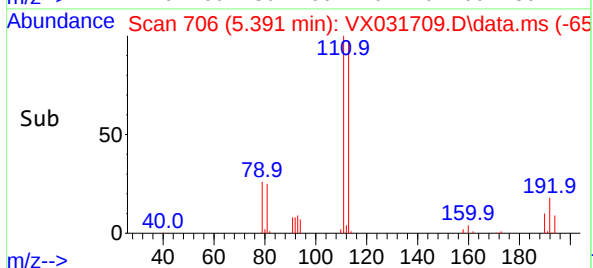
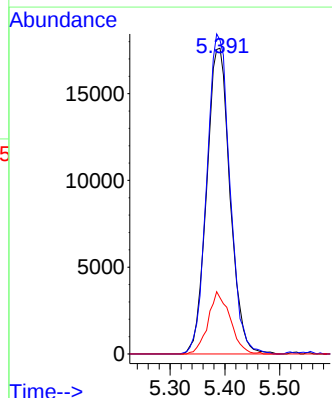
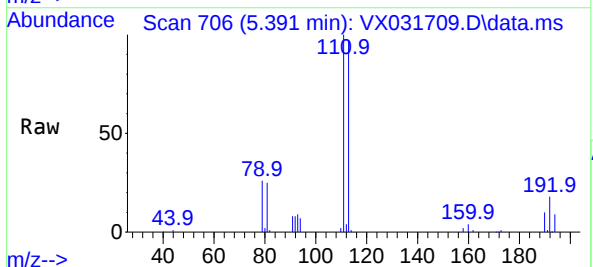
Tgt Ion:113 Resp: 52034

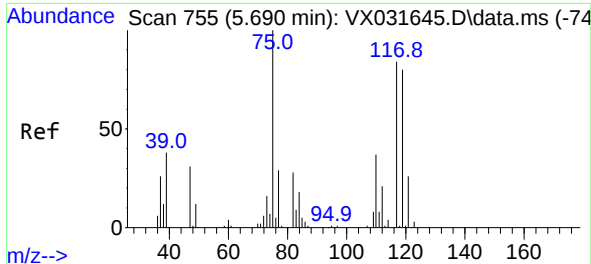
Ion Ratio Lower Upper

113 100

111 103.3 82.4 123.6

192 19.3 14.1 21.1





#36
1,1-Dichloropropene
Concen: 3.686 ug/l
RT: 5.549 min Scan# 711
Delta R.T. -0.141 min
Lab File: VX031709.D
Acq: 27 Sep 2022 18:07

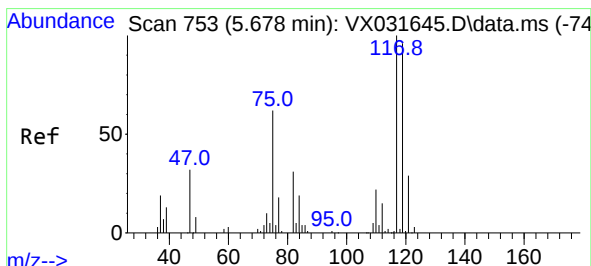
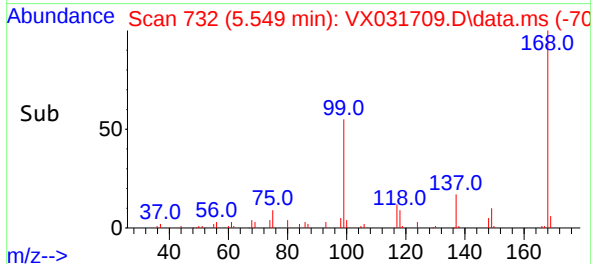
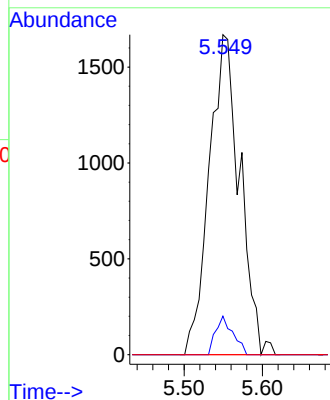
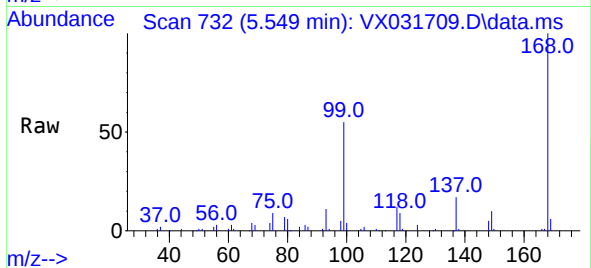
Instrument :

MSVOA_X

ClientSampleId :

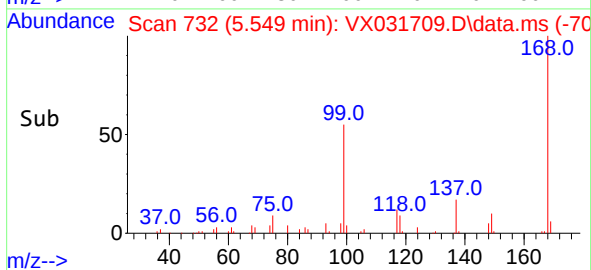
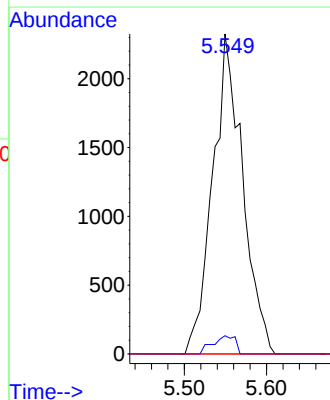
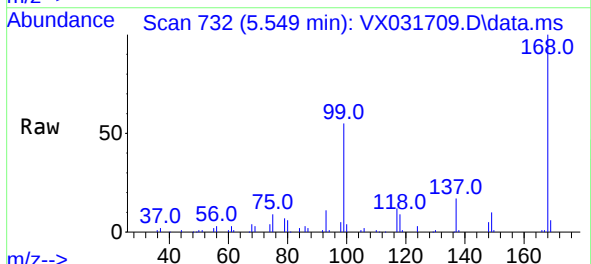
251563-4

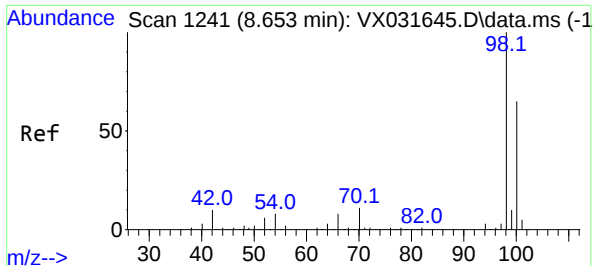
Tgt Ion: 75 Resp: 4532
Ion Ratio Lower Upper
75 100
110 6.8 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.244 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.129 min
Lab File: VX031709.D
Acq: 27 Sep 2022 18:07

Tgt Ion: 117 Resp: 5882
Ion Ratio Lower Upper
117 100
119 5.7 74.6 112.0#
121 0.0 25.3 37.9#

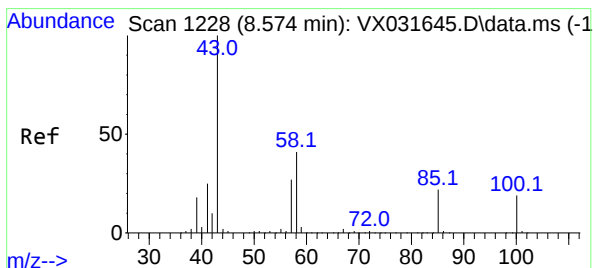
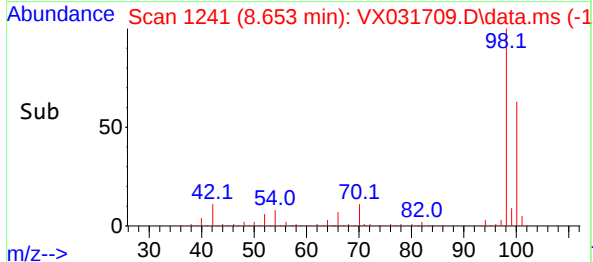
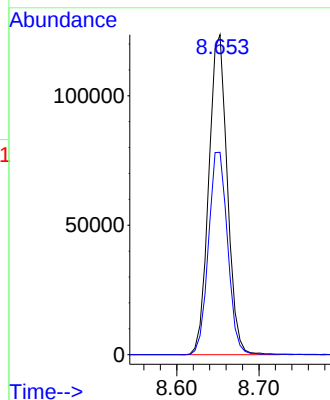
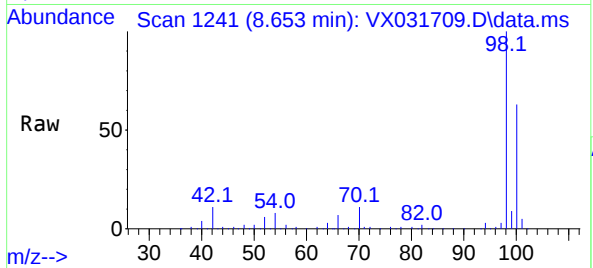




#50
Toluene-d8
Concen: 49.825 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031709.D
Acq: 27 Sep 2022 18:07

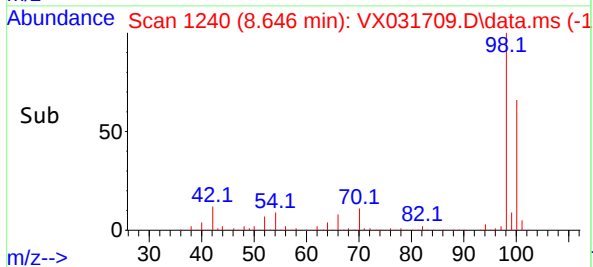
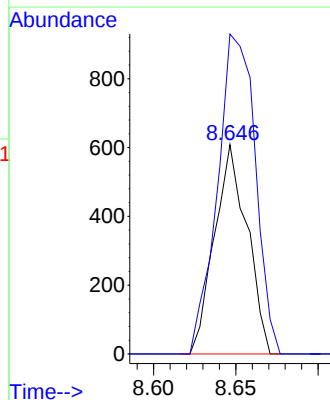
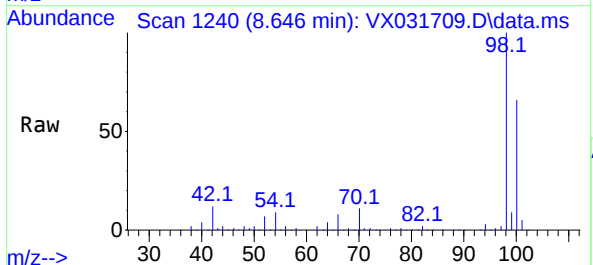
Instrument :
MSVOA_X
ClientSampleId :
251563-4

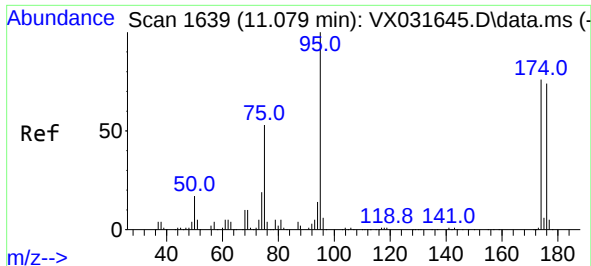
Tgt Ion: 98 Resp: 193416
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.679 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.066 min
Lab File: VX031709.D
Acq: 27 Sep 2022 18:07

Tgt Ion: 43 Resp: 839
Ion Ratio Lower Upper
43 100
58 176.9 30.6 46.0#





#62

4-Bromofluorobenzene

Concen: 45.531 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX031709.D

Acq: 27 Sep 2022 18:07

Instrument :

MSVOA_X

ClientSampleId :

251563-4

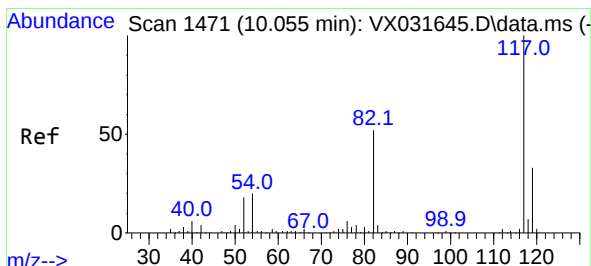
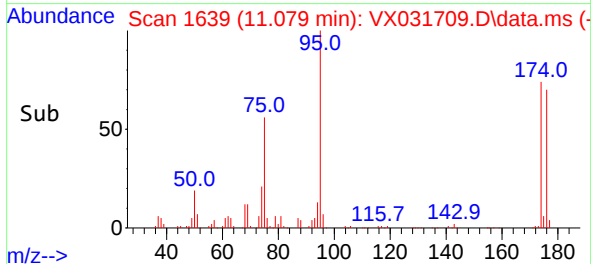
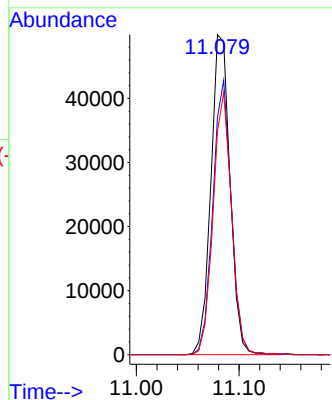
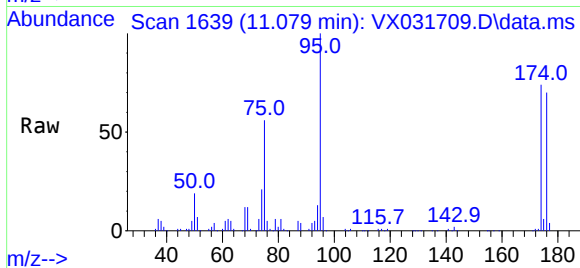
Tgt Ion: 95 Resp: 64781

Ion Ratio Lower Upper

95 100

174 82.6 0.0 153.2

176 78.9 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: VX031709.D

Acq: 27 Sep 2022 18:07

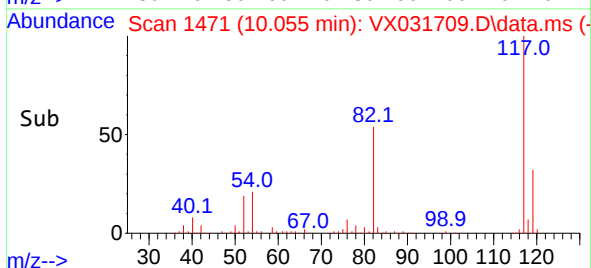
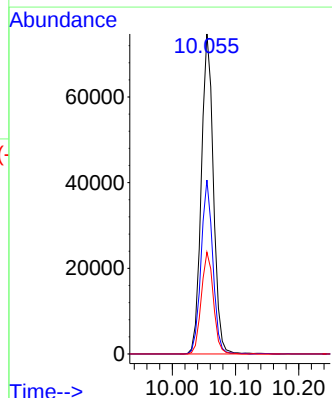
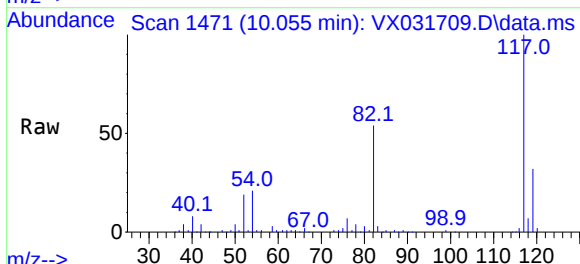
Tgt Ion: 117 Resp: 99581

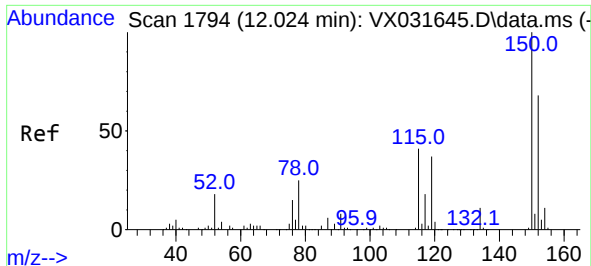
Ion Ratio Lower Upper

117 100

82 54.4 46.8 70.2

119 31.8 26.4 39.6

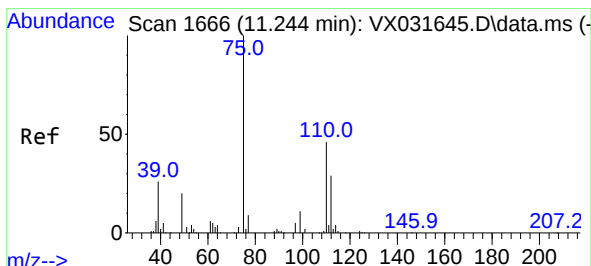
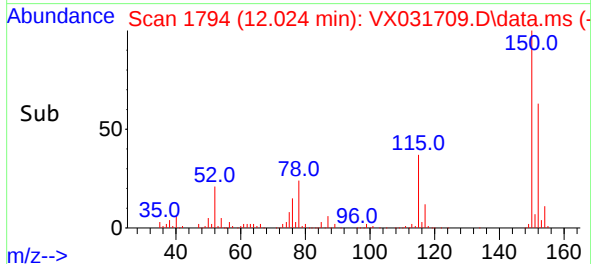
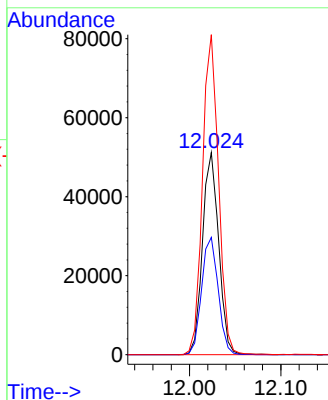
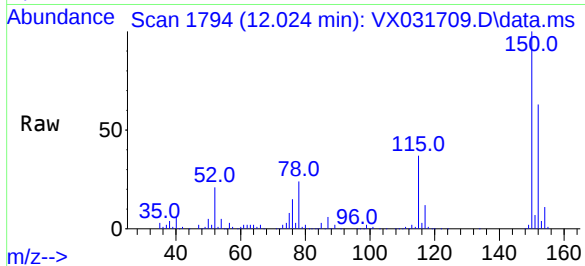




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031709.D
Acq: 27 Sep 2022 18:07

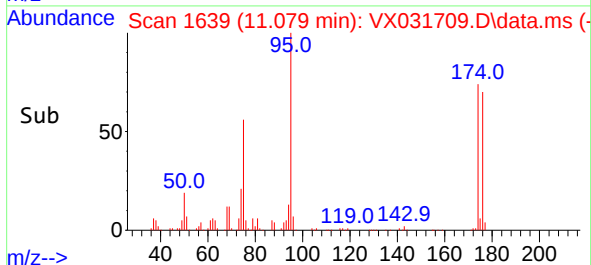
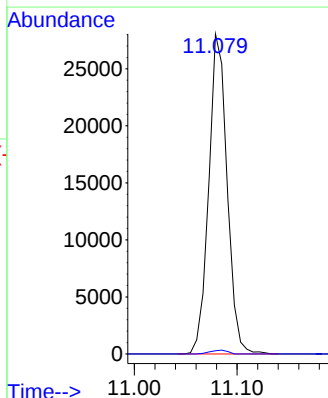
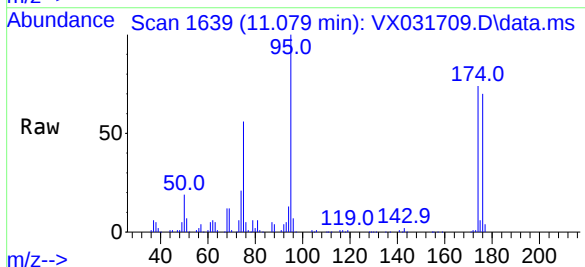
Instrument :
MSVOA_X
ClientSampleId :
251563-4

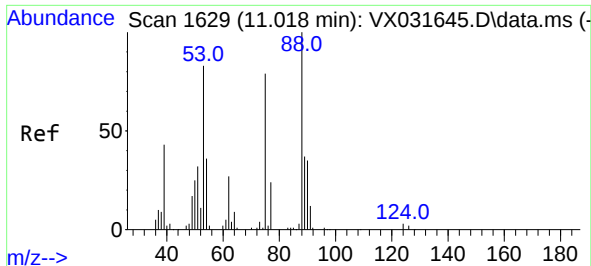
Tgt Ion:152 Resp: 62678
Ion Ratio Lower Upper
152 100
115 59.6 43.4 130.1
150 157.2 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 30.705 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031709.D
Acq: 27 Sep 2022 18:07

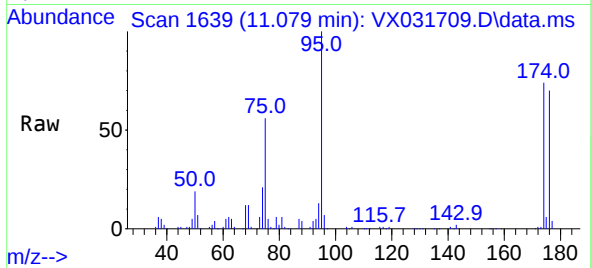
Tgt Ion: 75 Resp: 34889
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 101.133 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX031709.D
Acq: 27 Sep 2022 18:07

Instrument :
MSVOA_X
ClientSampleId :
251563-4



Tgt Ion: 75 Resp: 34889
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

