

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092722\
 Data File : VX031708.D
 Acq On : 27 Sep 2022 17:44
 Operator : JC/MD
 Sample : N4837-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 251563-3

Quant Time: Sep 28 06:31:49 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)

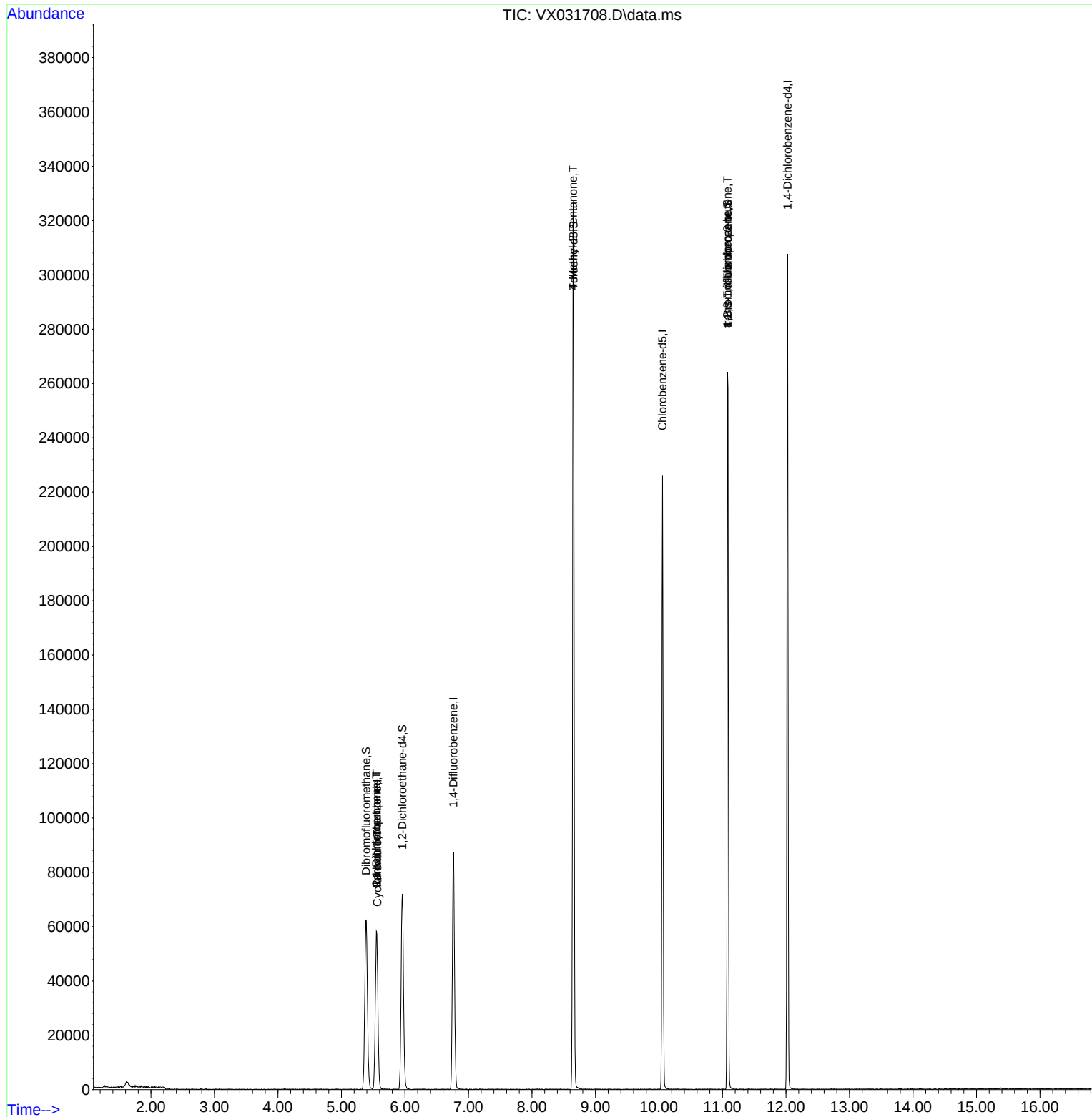
Internal Standards						
1) Pentafluorobenzene	5.556	168	55083	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	89034	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	97349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61378	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67993	58.159	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.320%
35) Dibromofluoromethane	5.385	113	52943	49.906	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.820%
50) Toluene-d8	8.653	98	195489	50.828	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.660%
62) 4-Bromofluorobenzene	11.079	95	65662	46.580	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.160%
Target Compounds						
						Qvalue
5) Bromomethane	1.612	94	364	Below Cal	#	79
6) Chloroethane	1.746	64	52	Below Cal	#	43
16) Acetone	2.386	43	491	Below Cal	#	80
20) Methylene Chloride	2.788	84	120	Below Cal	#	18
31) Cyclohexane	5.562	56	1293	1.163	ug/l #	64
36) 1,1-Dichloropropene	5.550	75	4301	3.530	ug/l #	51
38) Carbon Tetrachloride	5.556	117	5664	4.125	ug/l #	13
51) 4-Methyl-2-Pentanone	8.647	43	884	0.722	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35894	32.258	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35894	106.096	ug/l #	11

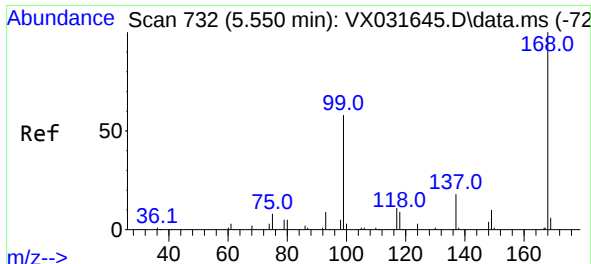
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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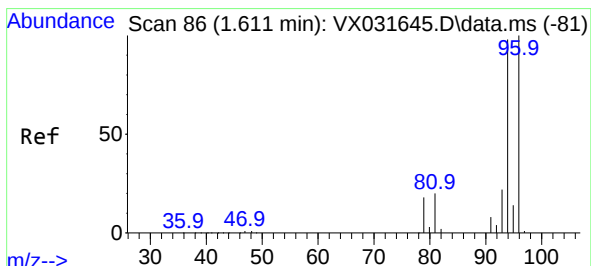
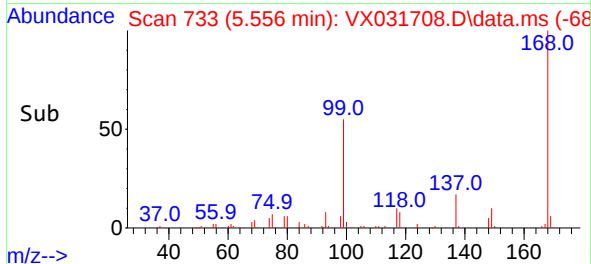
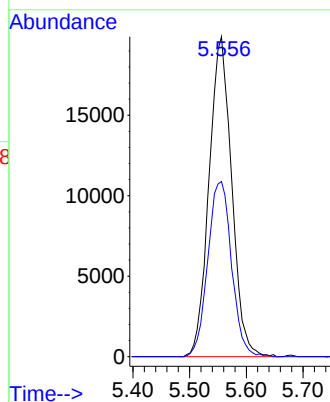
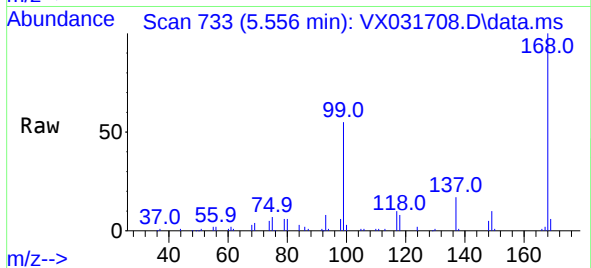




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031708.D
Acq: 27 Sep 2022 17:44

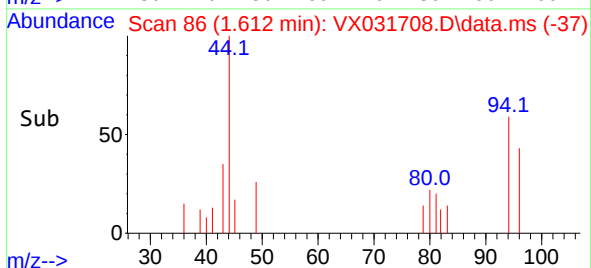
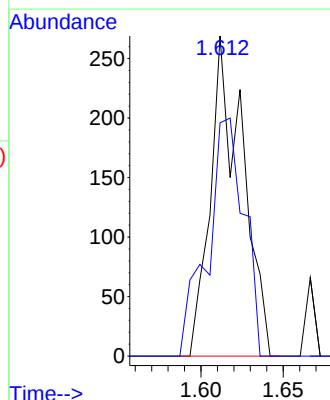
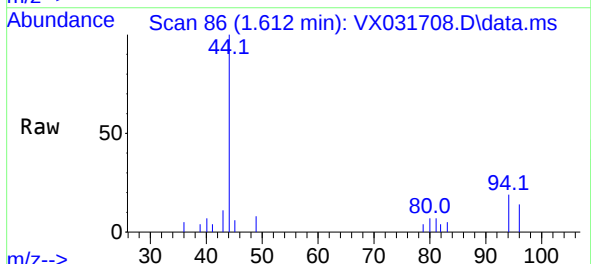
Instrument :
MSVOA_X
ClientSampleId :
251563-3

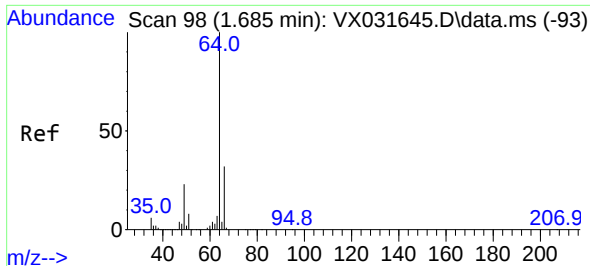
Tgt Ion:168 Resp: 55083
Ion Ratio Lower Upper
168 100
99 54.7 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.001 min
Lab File: VX031708.D
Acq: 27 Sep 2022 17:44

Tgt Ion: 94 Resp: 364
Ion Ratio Lower Upper
94 100
96 72.9 74.4 111.6#

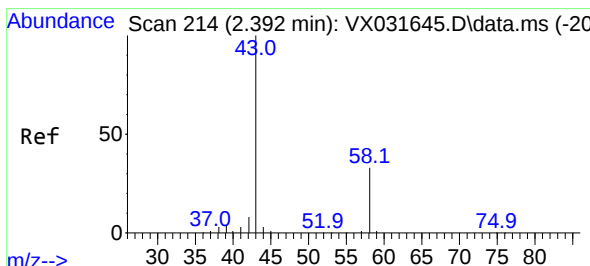
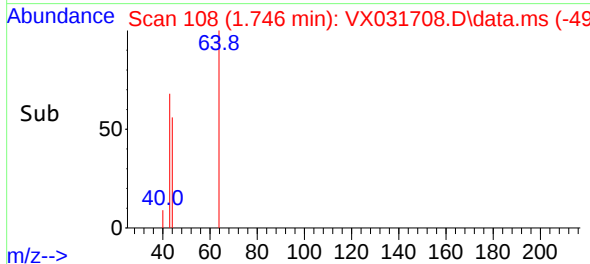
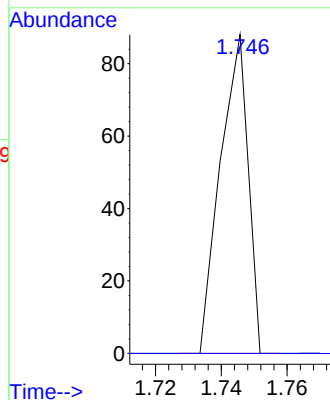
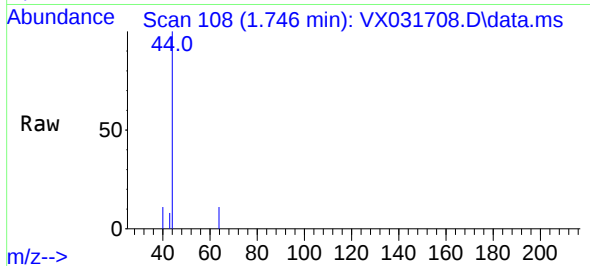




#6
Chloroethane
Concen: Below Cal
RT: 1.746 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX031708.D
Acq: 27 Sep 2022 17:44

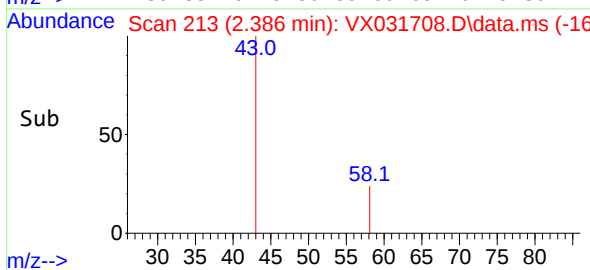
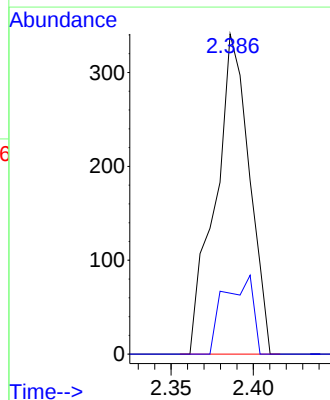
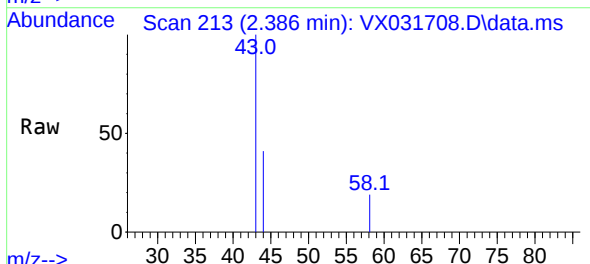
Instrument :
MSVOA_X
ClientSampleId :
251563-3

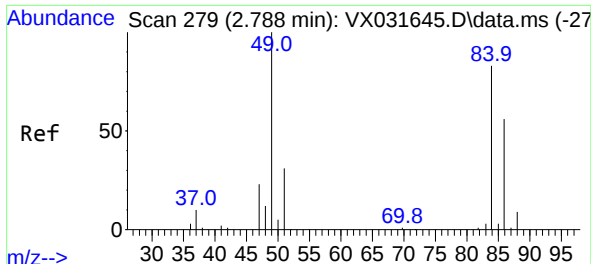
Tgt Ion: 64 Resp: 52
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031708.D
Acq: 27 Sep 2022 17:44

Tgt Ion: 43 Resp: 491
Ion Ratio Lower Upper
43 100
58 19.1 23.8 35.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX031708.D

Acq: 27 Sep 2022 17:44

Instrument :

MSVOA_X

ClientSampleId :

251563-3

Tgt Ion: 84 Resp: 120

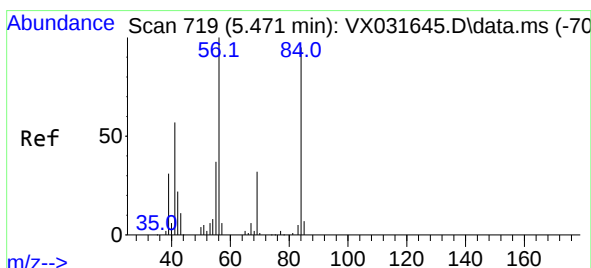
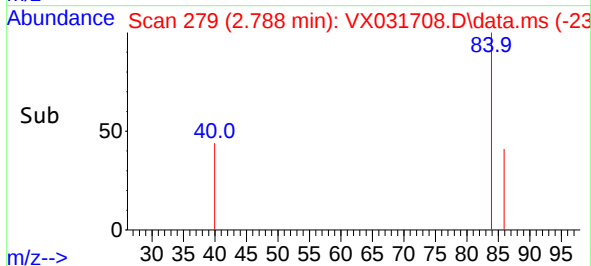
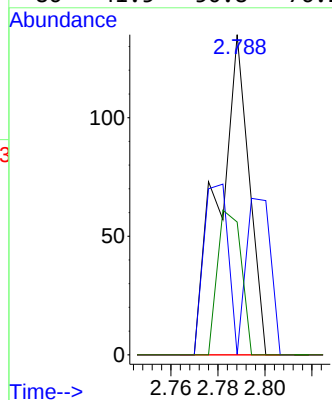
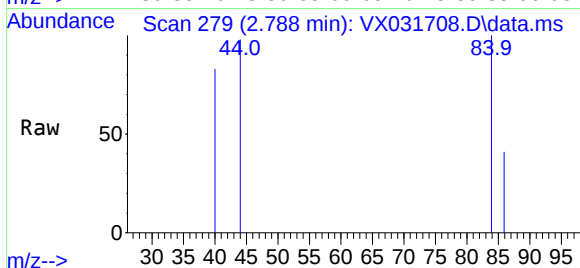
Ion Ratio Lower Upper

84 100

49 0.0 105.9 158.9#

51 0.0 32.2 48.2#

86 41.5 50.8 76.2#



#31

Cyclohexane

Concen: 1.163 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.091 min

Lab File: VX031708.D

Acq: 27 Sep 2022 17:44

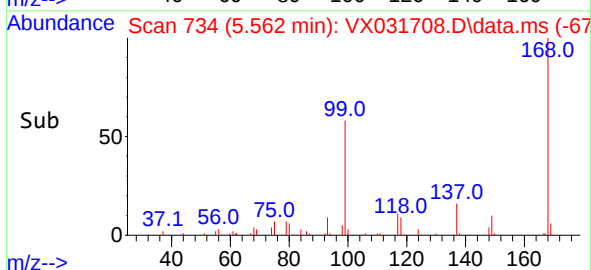
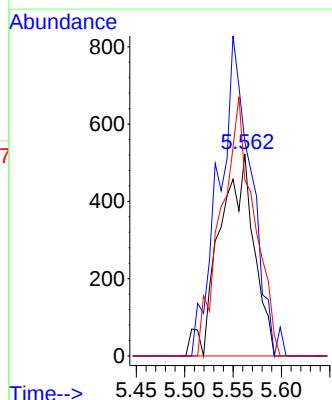
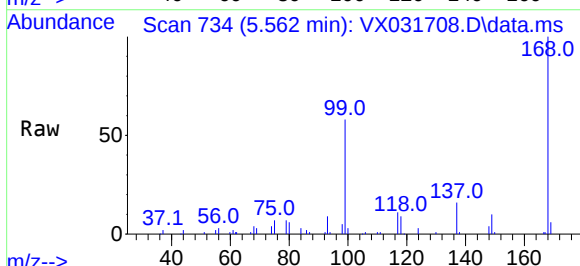
Tgt Ion: 56 Resp: 1293

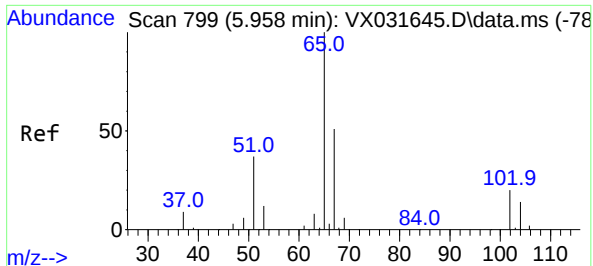
Ion Ratio Lower Upper

56 100

69 105.9 25.1 37.7#

84 87.0 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 58.159 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031708.D

Acq: 27 Sep 2022 17:44

Instrument :

MSVOA_X

ClientSampleId :

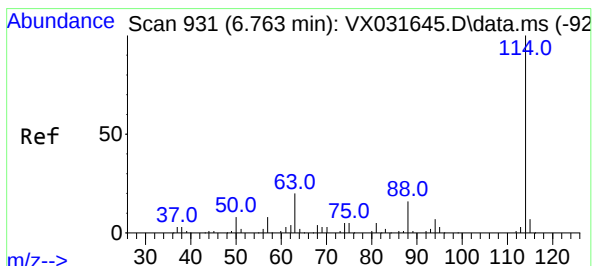
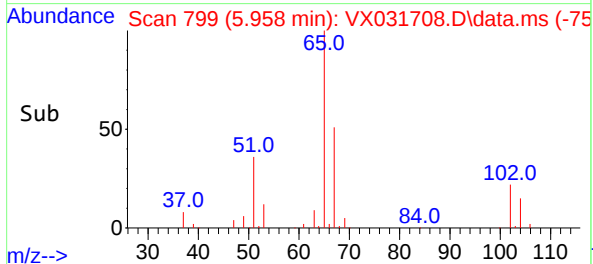
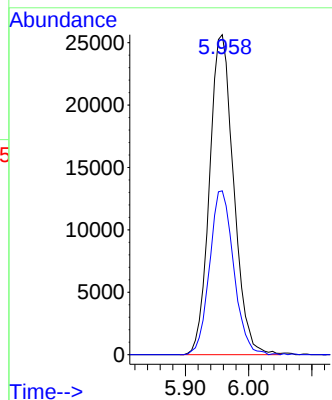
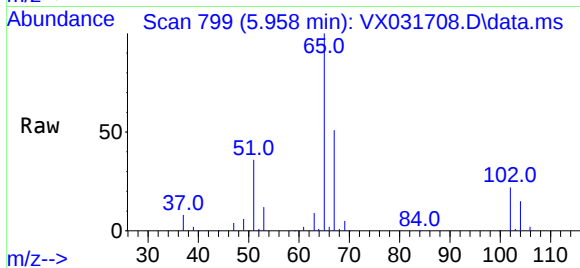
251563-3

Tgt Ion: 65 Resp: 67993

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031708.D

Acq: 27 Sep 2022 17:44

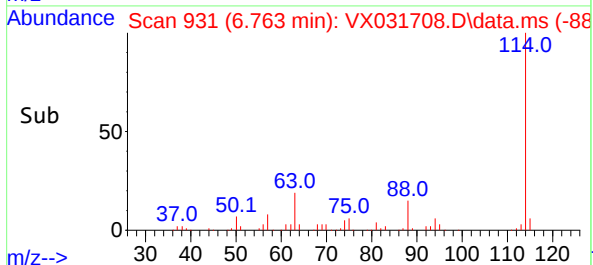
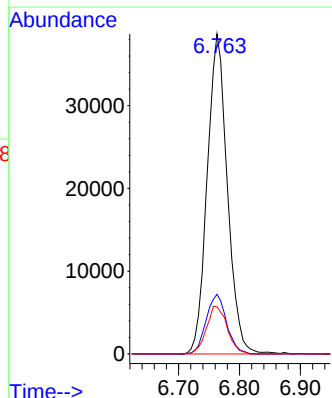
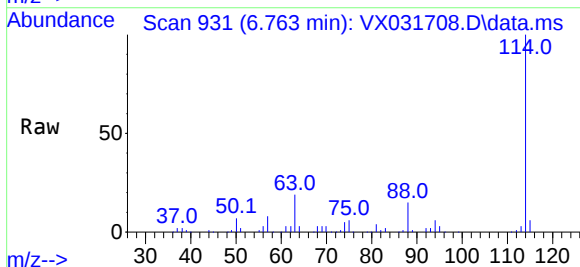
Tgt Ion: 114 Resp: 89034

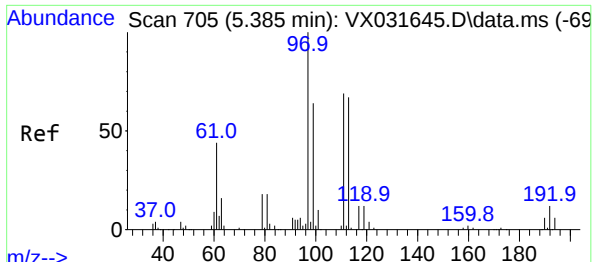
Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.6

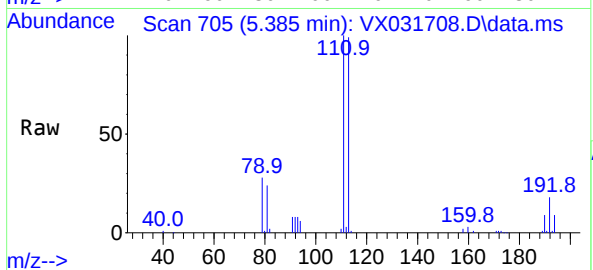
88 14.8 0.0 33.0



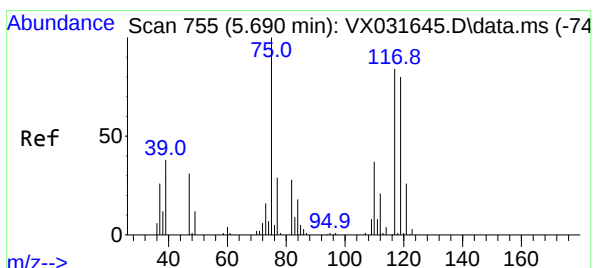
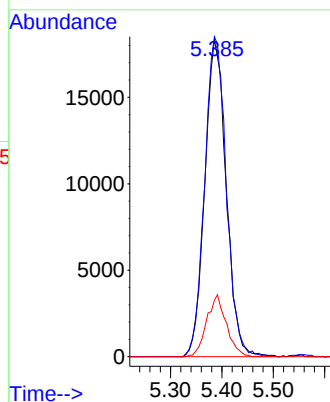
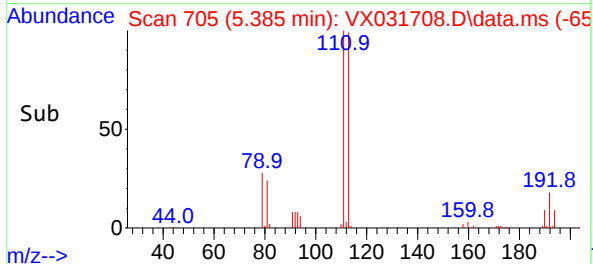


#35
Dibromofluoromethane
Concen: 49.906 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031708.D
Acq: 27 Sep 2022 17:44

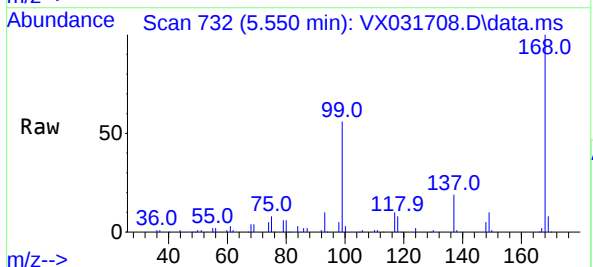
Instrument :
MSVOA_X
ClientSampleId :
251563-3



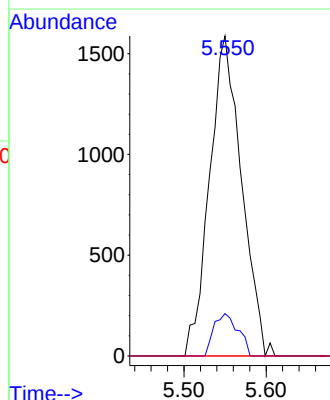
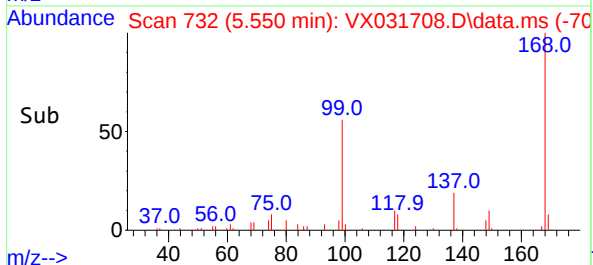
Tgt Ion:113 Resp: 52943
Ion Ratio Lower Upper
113 100
111 102.2 82.4 123.6
192 18.0 14.1 21.1

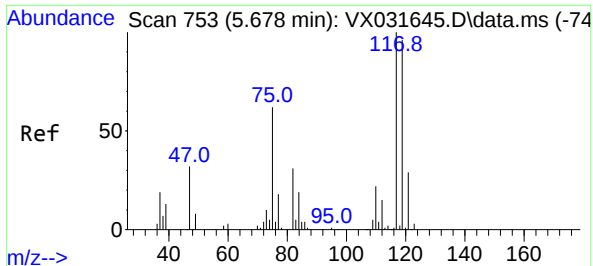


#36
1,1-Dichloropropene
Concen: 3.530 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX031708.D
Acq: 27 Sep 2022 17:44



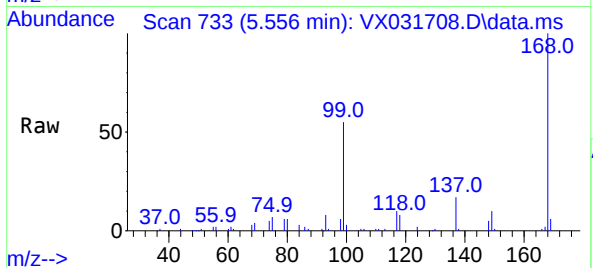
Tgt Ion: 75 Resp: 4301
Ion Ratio Lower Upper
75 100
110 10.0 17.5 52.5#
77 0.0 24.9 37.3#



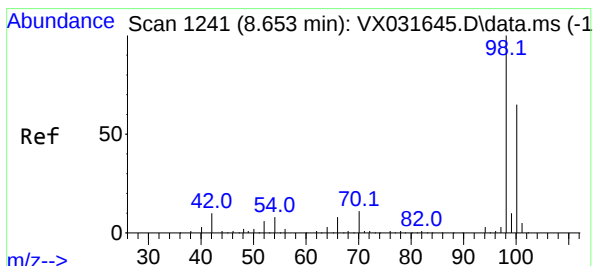
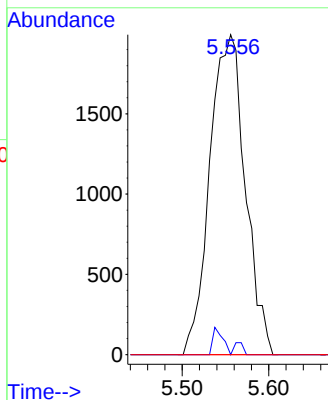
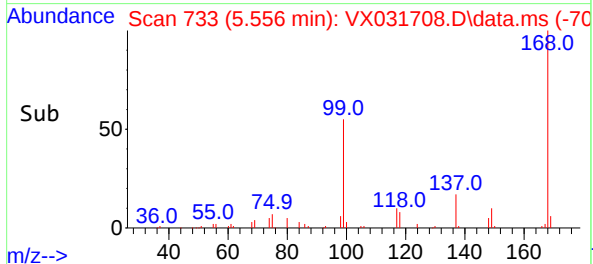


#38
Carbon Tetrachloride
Concen: 4.125 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031708.D
Acq: 27 Sep 2022 17:44

Instrument :
MSVOA_X
ClientSampleId :
251563-3

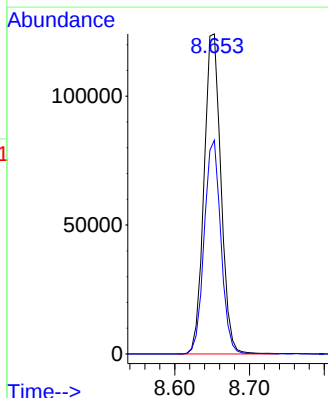
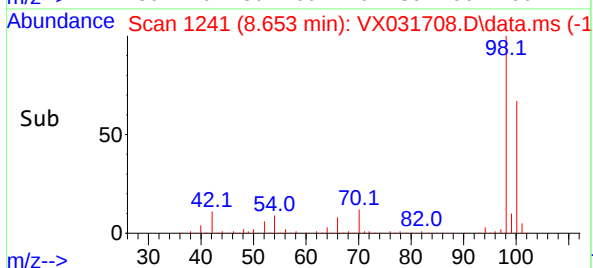
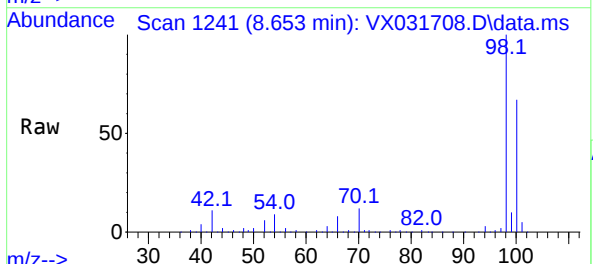


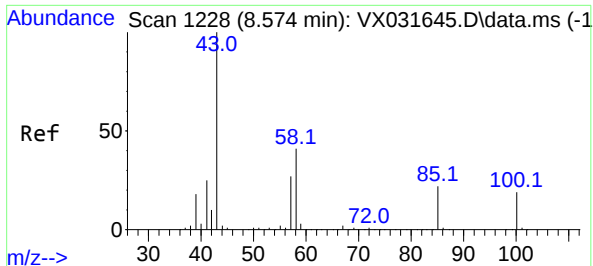
Tgt Ion:117 Resp: 5664
Ion Ratio Lower Upper
117 100
119 0.0 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 50.828 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031708.D
Acq: 27 Sep 2022 17:44

Tgt Ion: 98 Resp: 195489
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.722 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX031708.D

Acq: 27 Sep 2022 17:44

Instrument :

MSVOA_X

ClientSampleId :

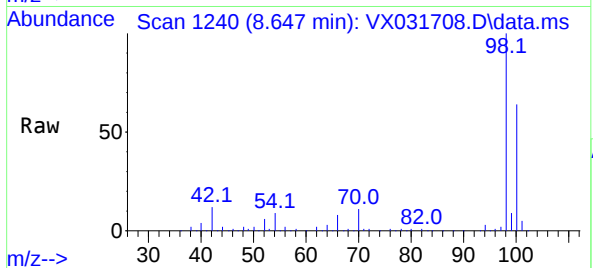
251563-3

Tgt Ion: 43 Resp: 884

Ion Ratio Lower Upper

43 100

58 180.3 30.6 46.0#



Abundance

1000

800

600

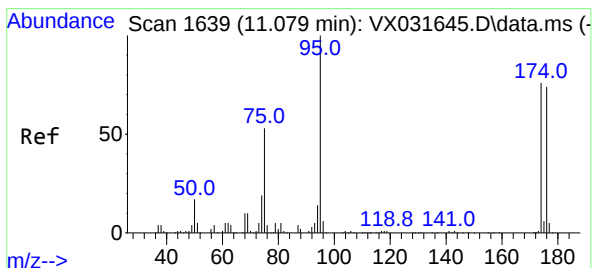
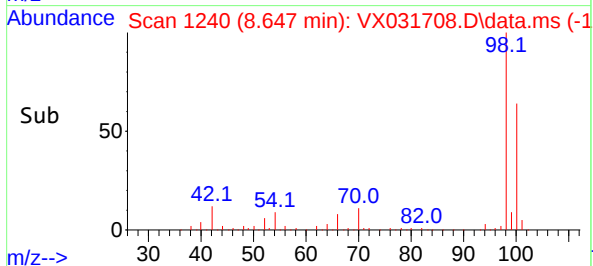
400

200

0

8.647

Time-->



#62

4-Bromofluorobenzene

Concen: 46.580 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031708.D

Acq: 27 Sep 2022 17:44

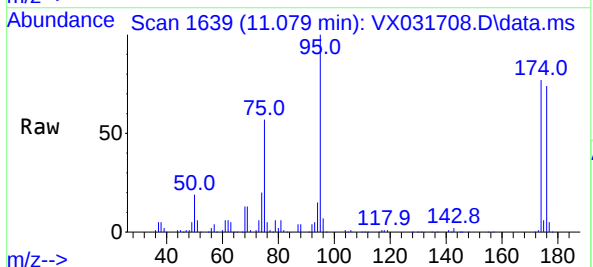
Tgt Ion: 95 Resp: 65662

Ion Ratio Lower Upper

95 100

174 84.6 0.0 153.2

176 79.4 0.0 144.0



Abundance

50000

40000

30000

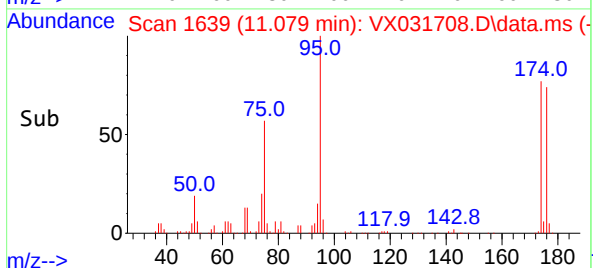
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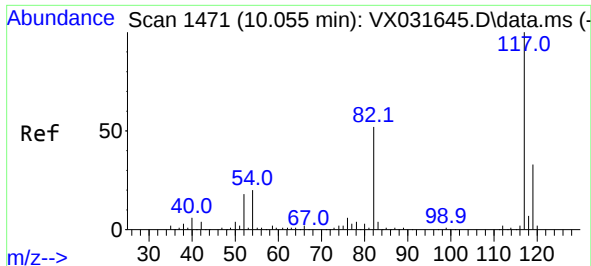
10000

0

11.079

Time-->

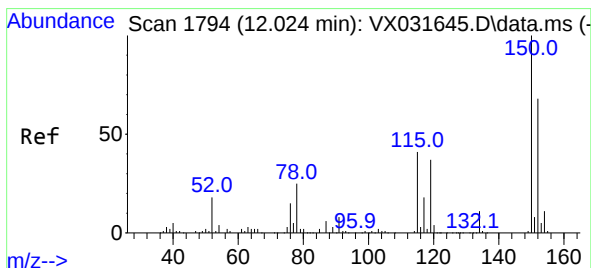
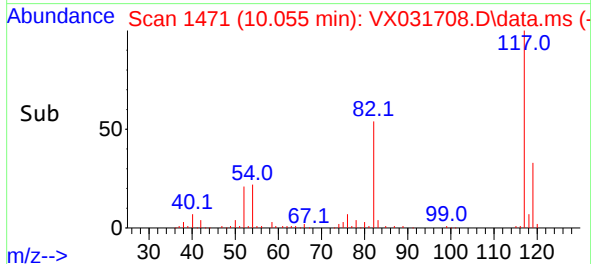
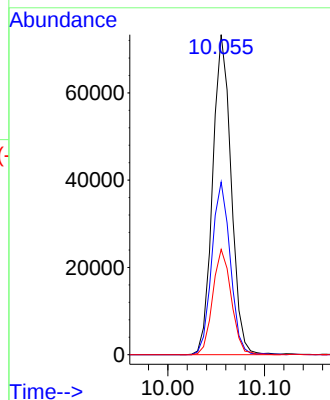
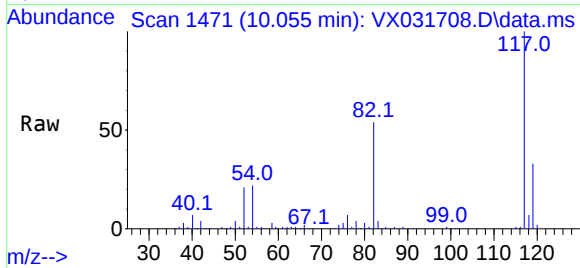




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031708.D
Acq: 27 Sep 2022 17:44

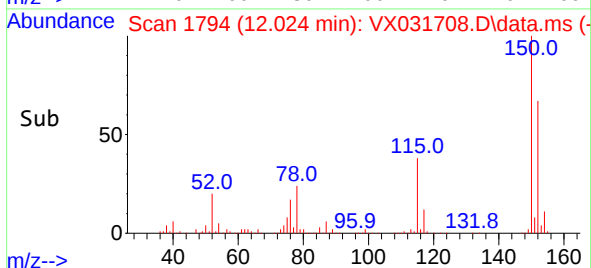
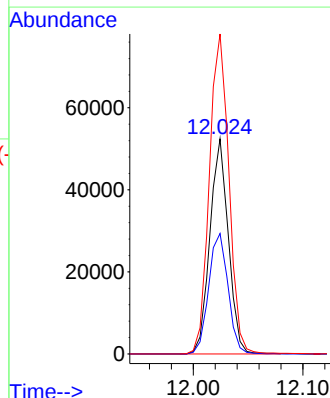
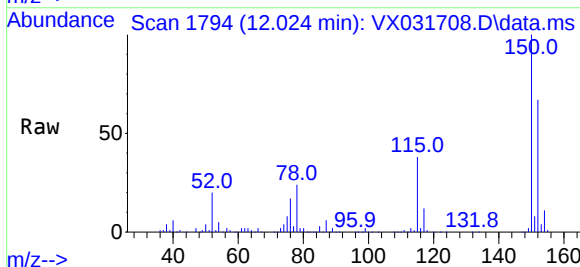
Instrument :
MSVOA_X
ClientSampleId :
251563-3

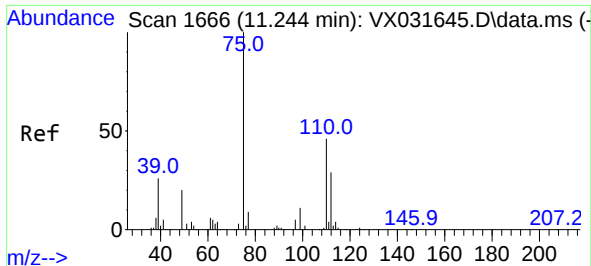
Tgt Ion:	117	Resp:	97349
Ion	Ratio	Lower	Upper
117	100		
82	54.0	46.8	70.2
119	32.9	26.4	39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031708.D
Acq: 27 Sep 2022 17:44

Tgt Ion:	152	Resp:	61378
Ion	Ratio	Lower	Upper
152	100		
115	58.8	43.4	130.1
150	157.6	0.0	346.8

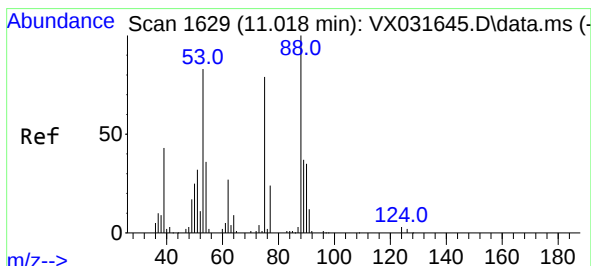
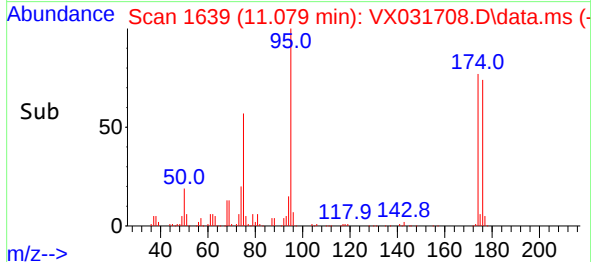
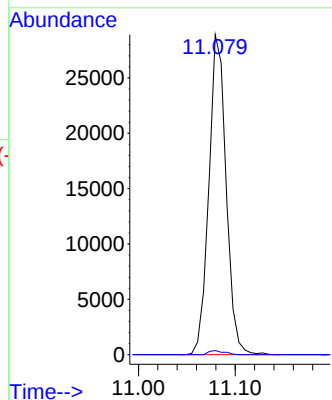
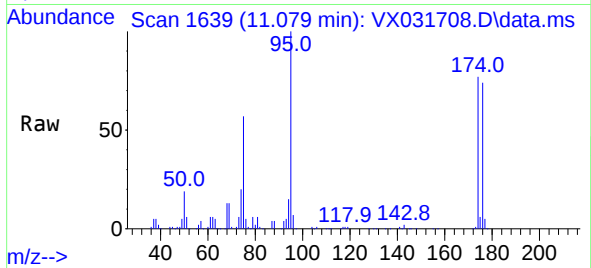




#76
1,2,3-Trichloropropane
Concen: 32.258 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031708.D
Acq: 27 Sep 2022 17:44

Instrument :
MSVOA_X
ClientSampleId :
251563-3

Tgt Ion: 75 Resp: 35894
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.096 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031708.D
Acq: 27 Sep 2022 17:44

Tgt Ion: 75 Resp: 35894
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

