

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032522\
 Data File : VX027708.D
 Acq On : 25 Mar 2022 20:03
 Operator : JC/MD
 Sample : N2057-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 UST-7-BOTTOM

Quant Time: Mar 26 06:23:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 16:26:59 2022
 Response via : Initial Calibration

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

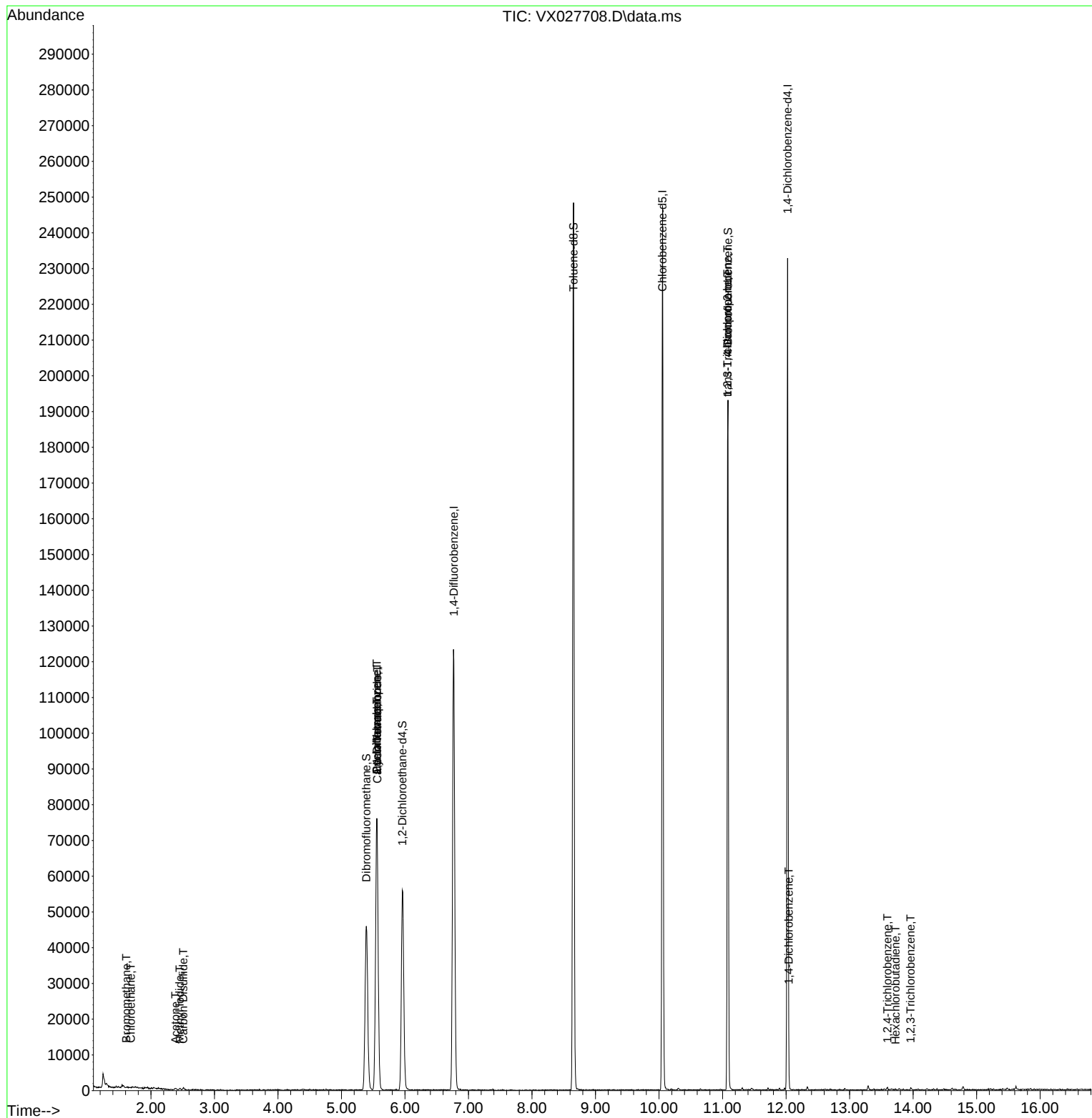
Internal Standards						
1) Pentafluorobenzene	5.556	168	62318	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	112441	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	98044	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	39076	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57115	55.880	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 111.760%		
35) Dibromofluoromethane	5.391	113	39728	53.804	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 107.600%		
50) Toluene-d8	8.653	98	138711	48.596	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 97.200%		
62) 4-Bromofluorobenzene	11.085	95	53076	45.826	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 91.660%		
Target Compounds						Qvalue
5) Bromomethane	1.611	94	137	0.474	ug/l	90
6) Chloroethane	1.685	64	117	0.253	ug/l #	43
10) Methyl Iodide	2.453	142	368	3.333	ug/l #	77
16) Acetone	2.386	43	524	1.212	ug/l #	84
17) Carbon Disulfide	2.508	76	647	0.364	ug/l #	75
29) Tetrahydrofuran	5.019	42	26	Below Cal	#	25
31) Cyclohexane	5.556	56	1862	1.502	ug/l #	18
36) 1,1-Dichloropropene	5.556	75	6408	5.494	ug/l #	50
38) Carbon Tetrachloride	5.562	117	7496	6.577	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	30002	27.576	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	30002	93.865	ug/l #	15
88) 1,4-Dichlorobenzene	12.043	146	362	0.264	ug/l #	25
93) 1,2,4-Trichlorobenzene	13.597	180	187	0.247	ug/l	80
94) Hexachlorobutadiene	13.725	225	83	0.225	ug/l #	16
96) 1,2,3-Trichlorobenzene	13.963	180	209	0.276	ug/l	78

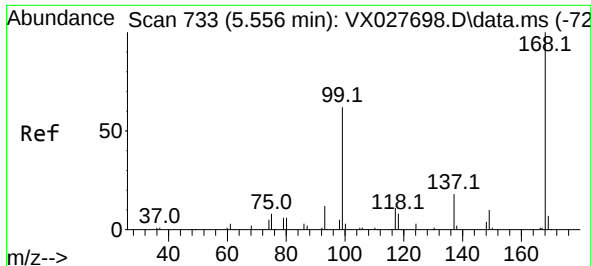
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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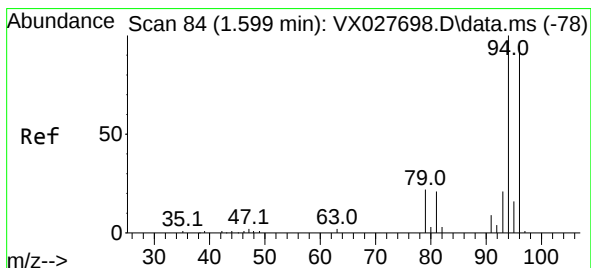
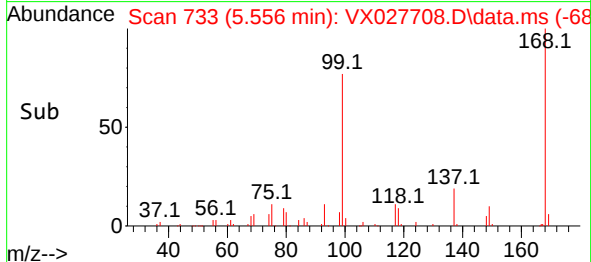
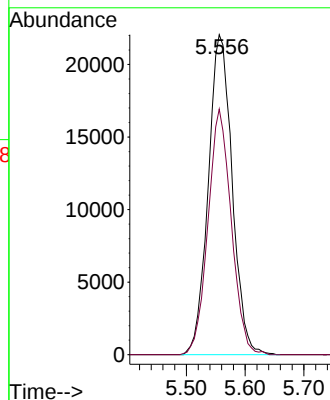
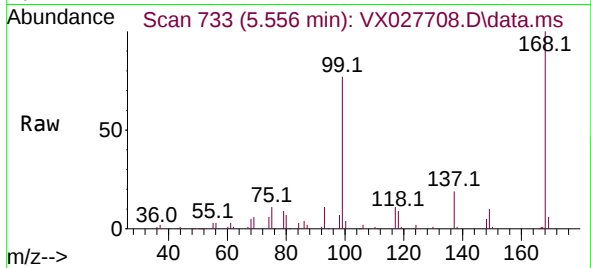




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027708.D
Acq: 25 Mar 2022 20:03

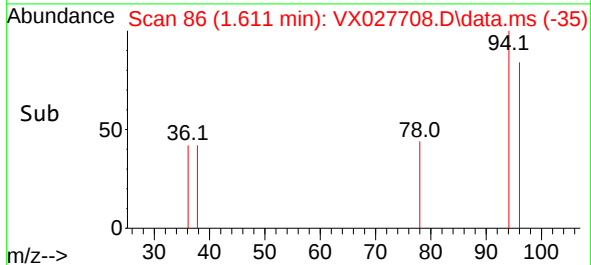
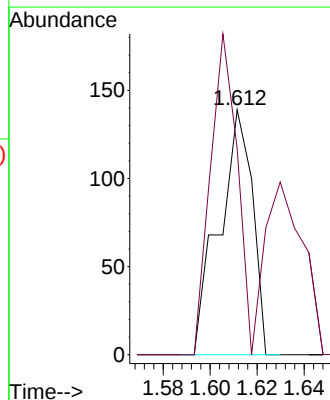
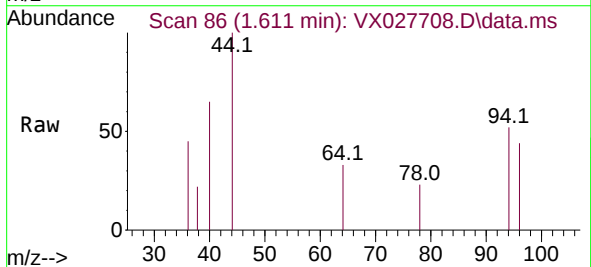
Instrument :
MSVOA_X
ClientSampleId :
UST-7-BOTTOM

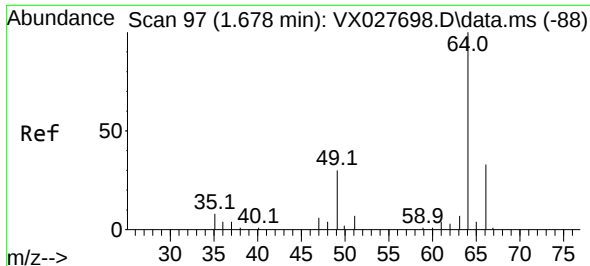
Tgt Ion:168 Resp: 62318
Ion Ratio Lower Upper
168 100
99 76.8 41.7 62.5#



#5
Bromomethane
Concen: 0.474 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027708.D
Acq: 25 Mar 2022 20:03

Tgt Ion: 94 Resp: 137
Ion Ratio Lower Upper
94 100
96 84.2 75.3 112.9

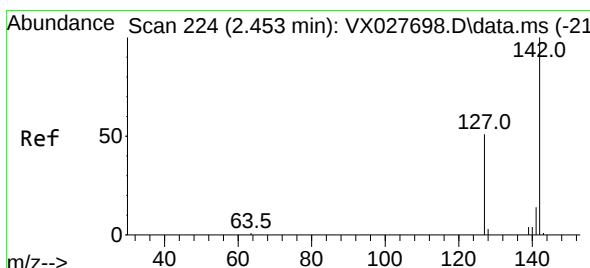
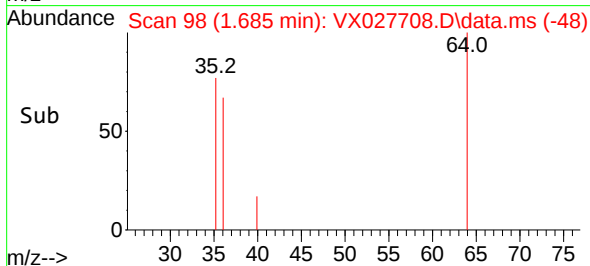
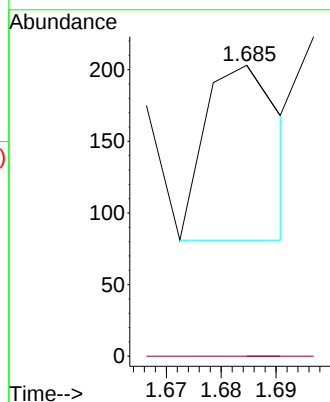
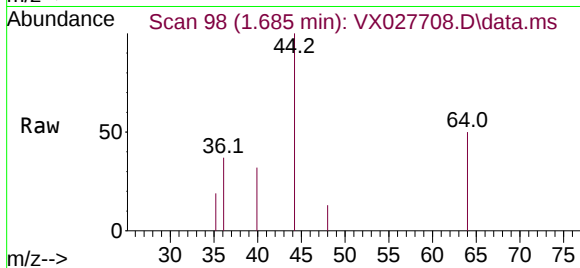




#6
Chloroethane
Concen: 0.253 ug/l
RT: 1.685 min Scan# 91
Delta R.T. 0.007 min
Lab File: VX027708.D
Acq: 25 Mar 2022 20:03

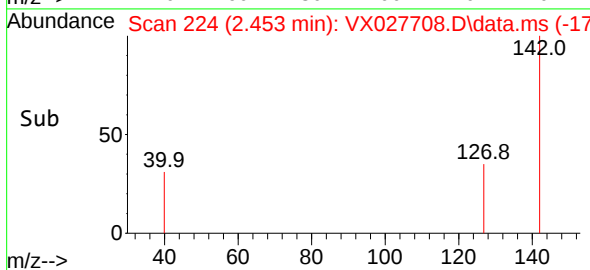
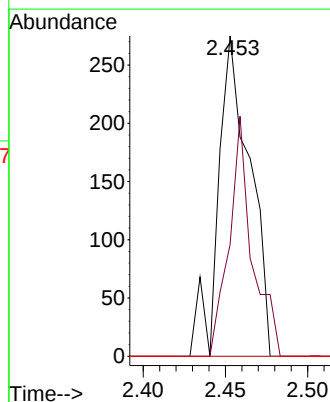
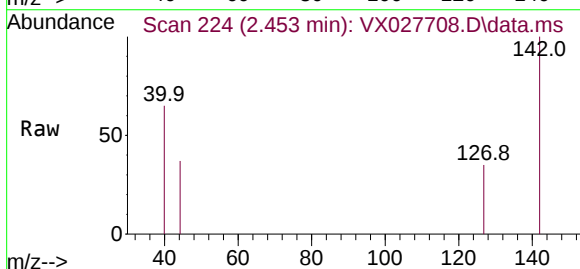
Instrument :
MSVOA_X
ClientSampleId :
UST-7-BOTTOM

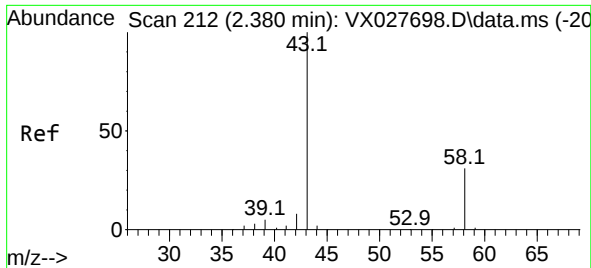
Tgt Ion: 64 Resp: 117
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 3.333 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX027708.D
Acq: 25 Mar 2022 20:03

Tgt Ion: 142 Resp: 368
Ion Ratio Lower Upper
142 100
127 54.3 33.9 50.9#
141 0.0 11.4 17.2#





#16

Acetone

Concen: 1.212 ug/l

RT: 2.386 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX027708.D

Acq: 25 Mar 2022 20:03

Instrument :

MSVOA_X

ClientSampleId :

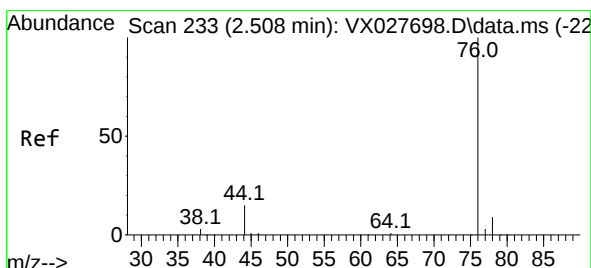
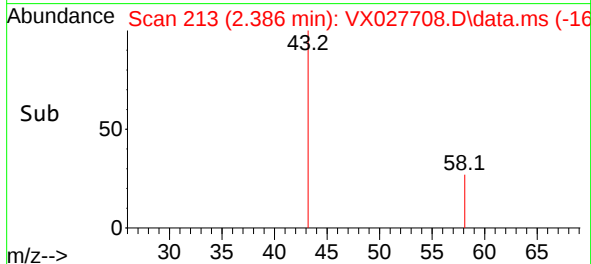
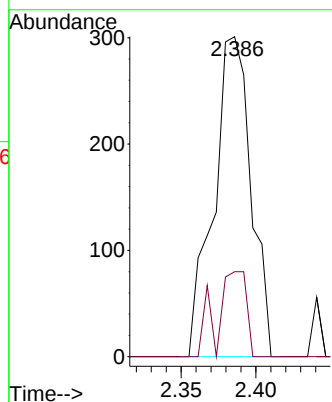
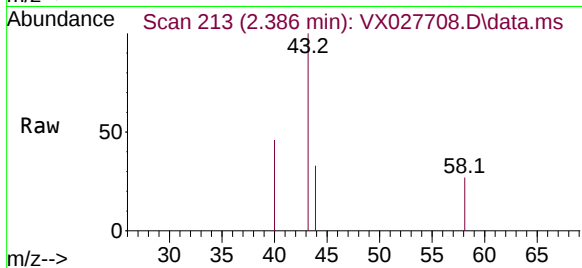
UST-7-BOTTOM

Tgt Ion: 43 Resp: 524

Ion Ratio Lower Upper

43 100

58 26.6 28.8 43.2#



#17

Carbon Disulfide

Concen: 0.364 ug/l

RT: 2.508 min Scan# 233

Delta R.T. -0.000 min

Lab File: VX027708.D

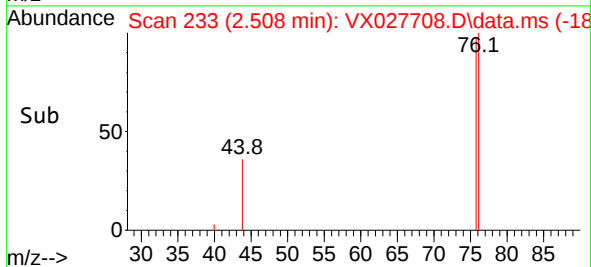
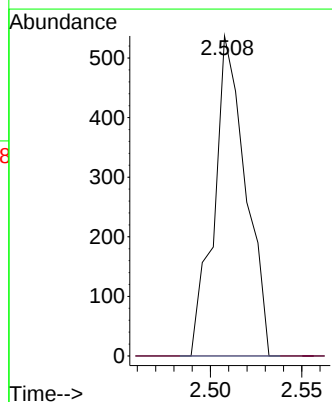
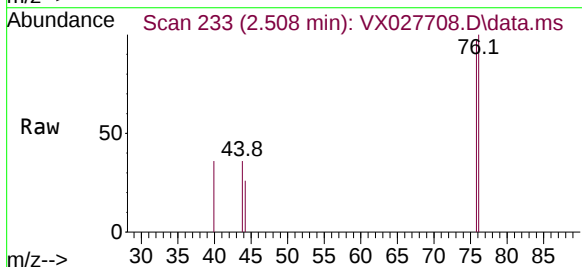
Acq: 25 Mar 2022 20:03

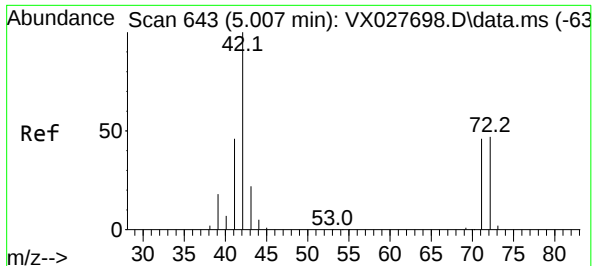
Tgt Ion: 76 Resp: 647

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#





#29

Tetrahydrofuran

Concen: Below Cal

RT: 5.019 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX027708.D

Acq: 25 Mar 2022 20:03

Instrument :

MSVOA_X

ClientSampleId :

UST-7-BOTTOM

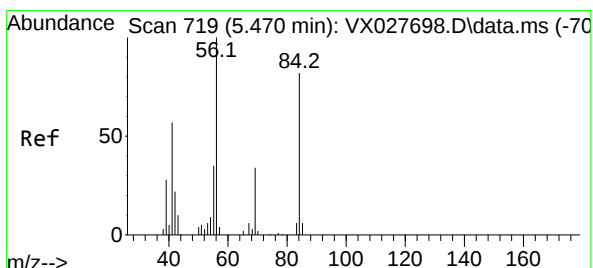
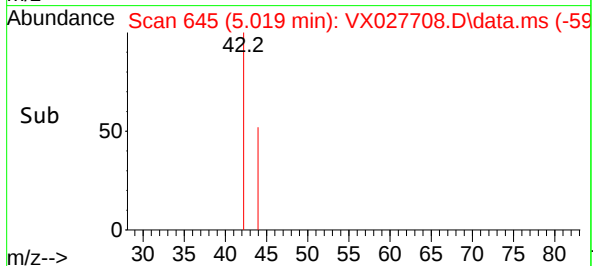
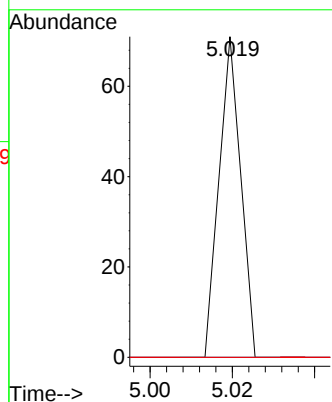
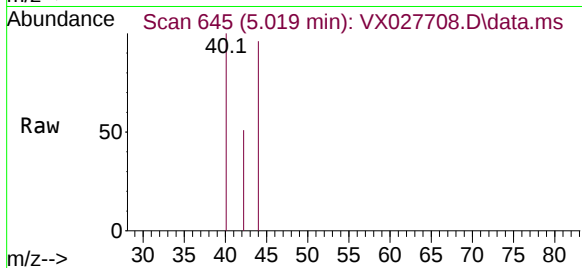
Tgt Ion: 42 Resp: 26

Ion Ratio Lower Upper

42 100

72 0.0 44.1 66.1#

71 0.0 40.5 60.7#



#31

Cyclohexane

Concen: 1.502 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX027708.D

Acq: 25 Mar 2022 20:03

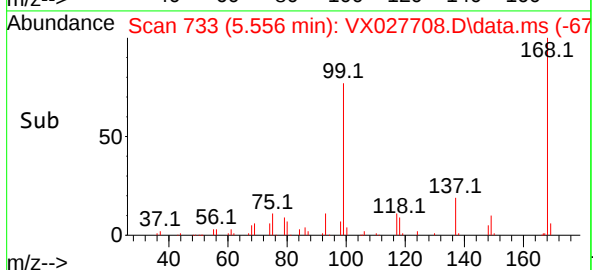
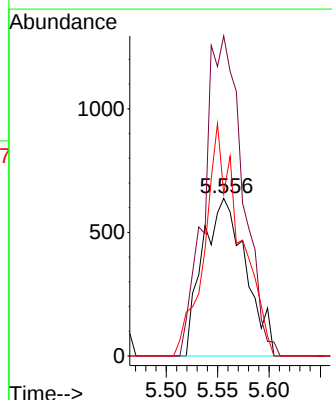
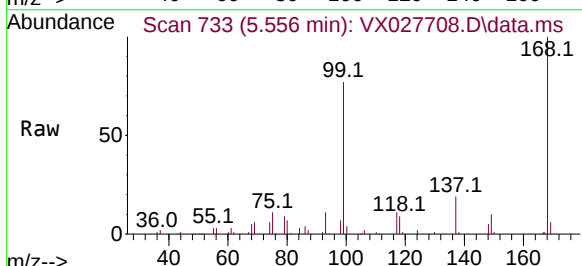
Tgt Ion: 56 Resp: 1862

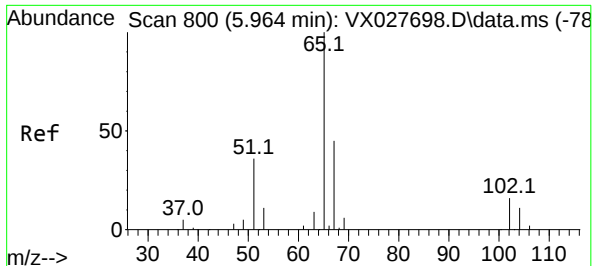
Ion Ratio Lower Upper

56 100

69 203.0 26.7 40.1#

84 103.0 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 55.880 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027708.D

Acq: 25 Mar 2022 20:03

Instrument :

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ClientSampleId :

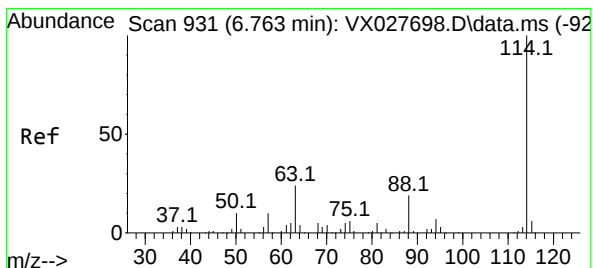
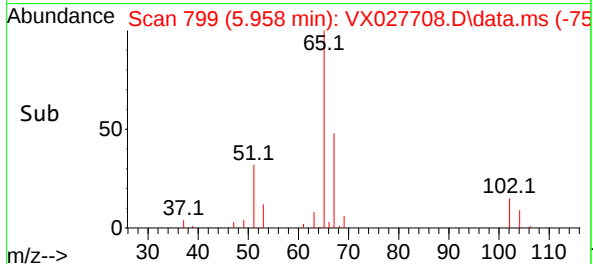
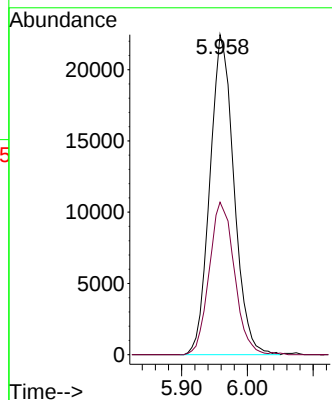
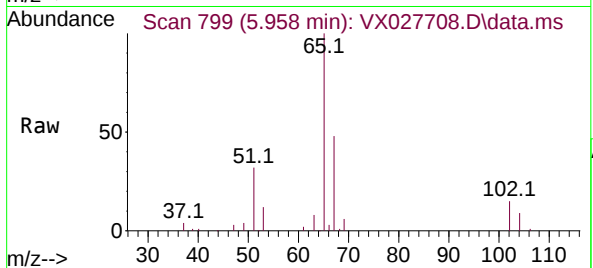
UST-7-BOTTOM

Tgt Ion: 65 Resp: 57115

Ion Ratio Lower Upper

65 100

67 49.8 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX027708.D

Acq: 25 Mar 2022 20:03

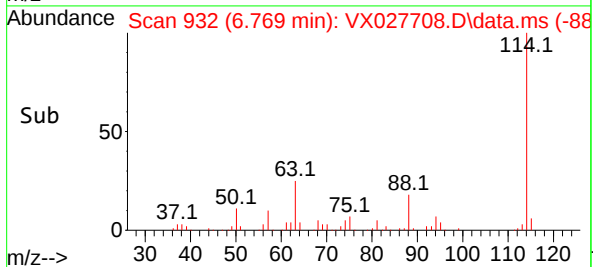
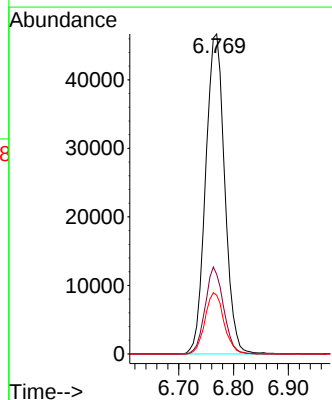
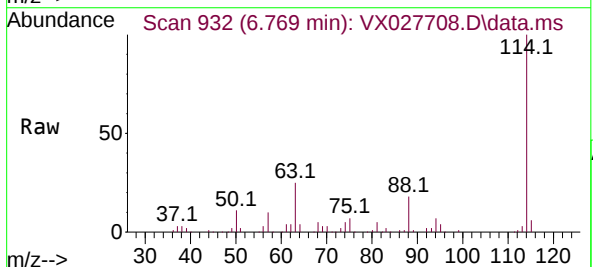
Tgt Ion: 114 Resp: 112441

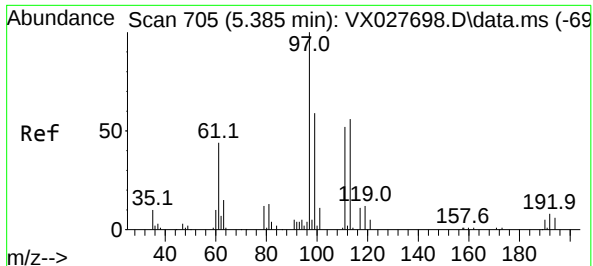
Ion Ratio Lower Upper

114 100

63 24.9 0.0 36.8

88 18.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 53.804 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX027708.D

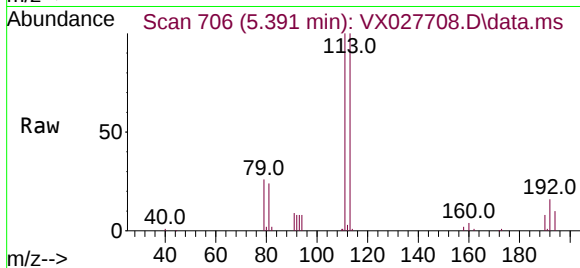
Acq: 25 Mar 2022 20:03

Instrument :

MSVOA_X

ClientSampleId :

UST-7-BOTTOM



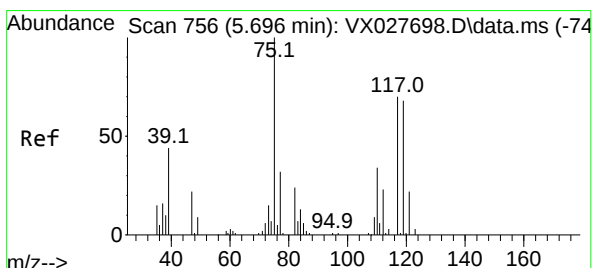
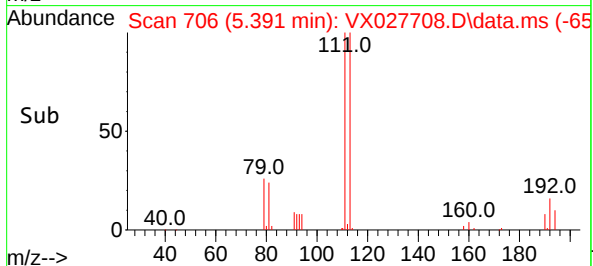
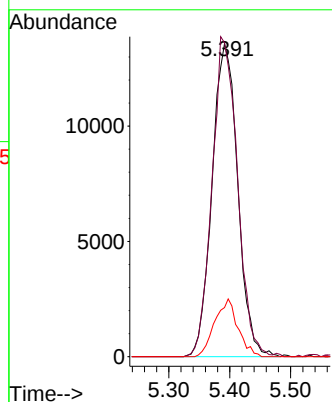
Tgt Ion:113 Resp: 39728

Ion Ratio Lower Upper

113 100

111 101.0 82.8 124.2

192 16.7 16.9 25.3#



#36

1,1-Dichloropropene

Concen: 5.494 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX027708.D

Acq: 25 Mar 2022 20:03

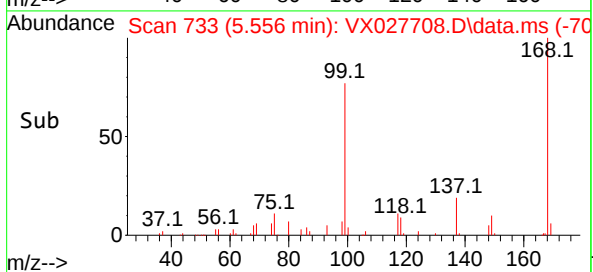
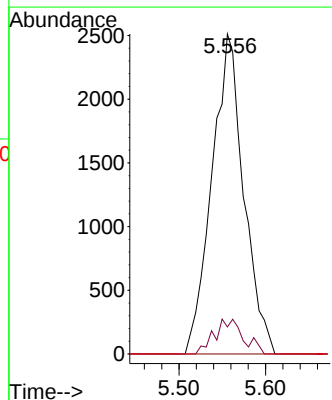
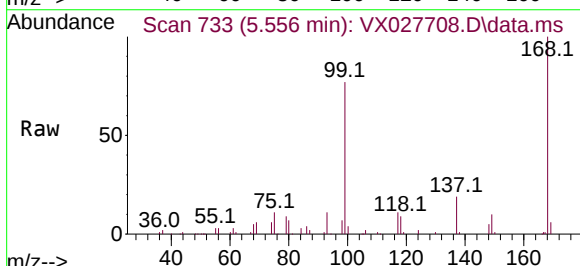
Tgt Ion: 75 Resp: 6408

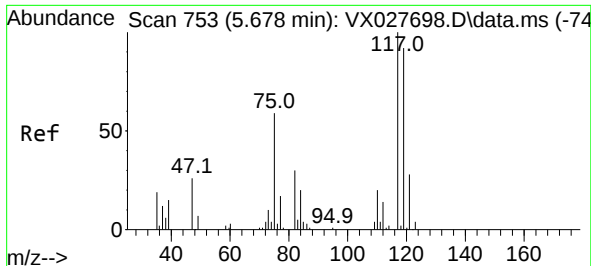
Ion Ratio Lower Upper

75 100

110 9.9 18.3 54.8#

77 0.0 24.8 37.2#

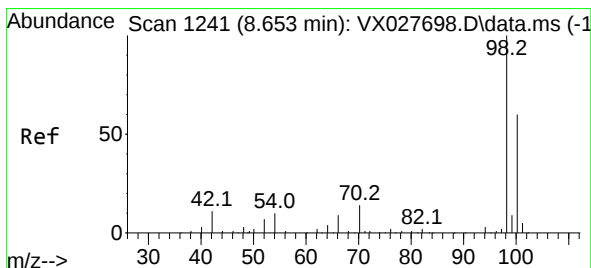
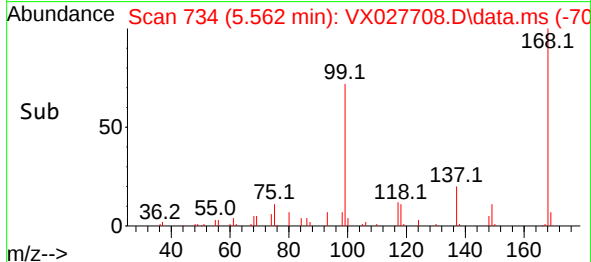
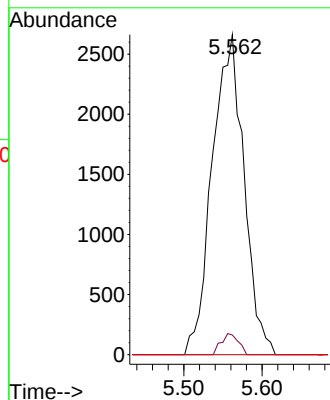
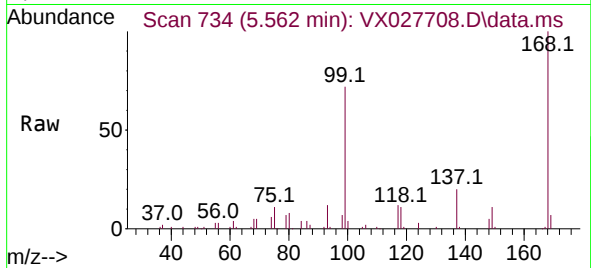




#38
Carbon Tetrachloride
Concen: 6.577 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX027708.D
Acq: 25 Mar 2022 20:03

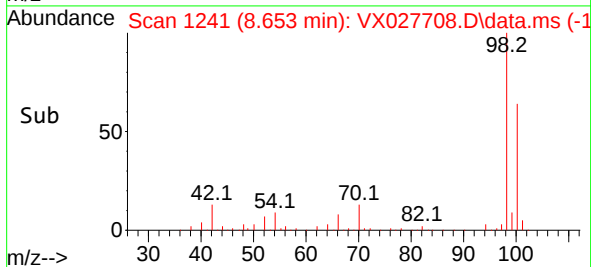
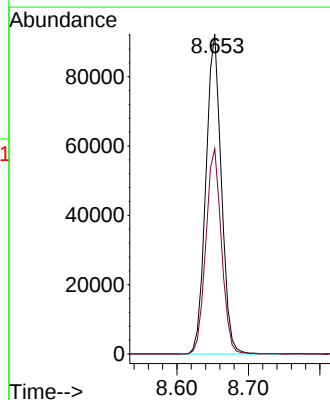
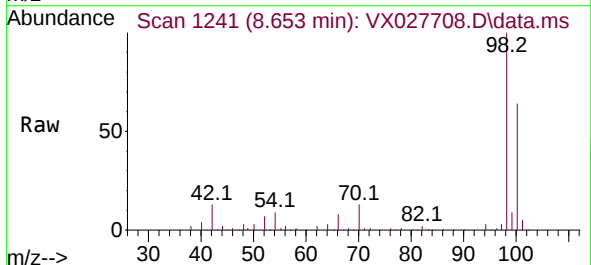
Instrument :
MSVOA_X
ClientSampleId :
UST-7-BOTTOM

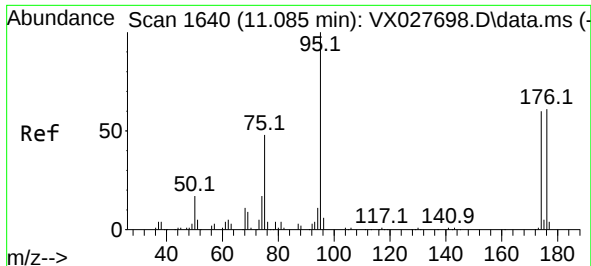
Tgt Ion:117 Resp: 7496
Ion Ratio Lower Upper
117 100
119 6.1 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.596 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027708.D
Acq: 25 Mar 2022 20:03

Tgt Ion: 98 Resp: 138711
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 45.826 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX027708.D

Acq: 25 Mar 2022 20:03

Instrument :

MSVOA_X

ClientSampleId :

UST-7-BOTTOM

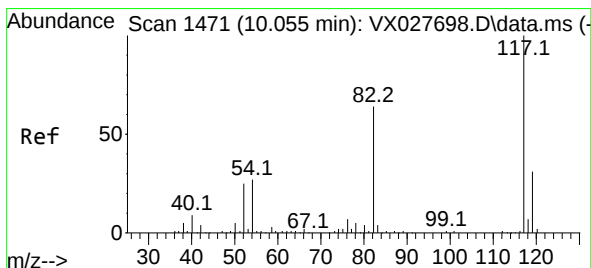
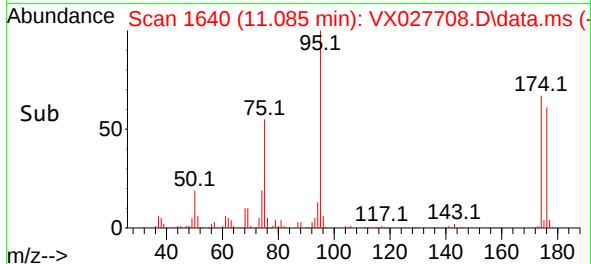
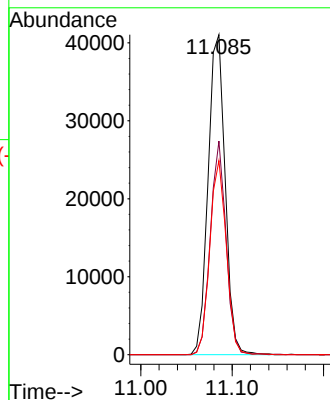
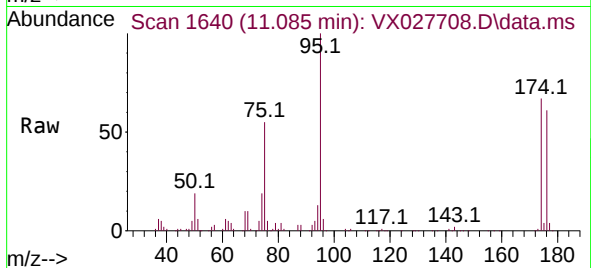
Tgt Ion: 95 Resp: 53076

Ion Ratio Lower Upper

95 100

174 61.5 0.0 163.0

176 58.8 0.0 155.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX027708.D

Acq: 25 Mar 2022 20:03

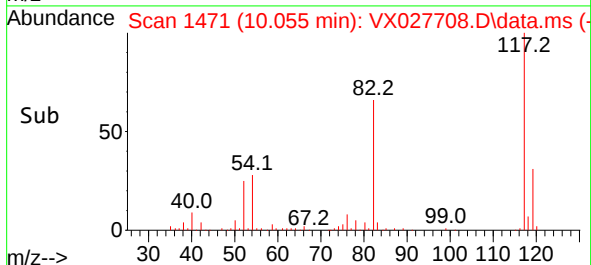
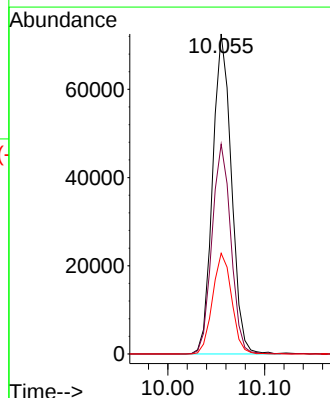
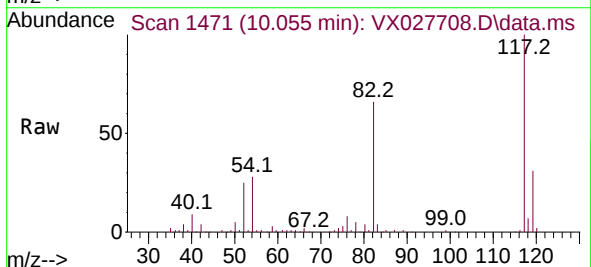
Tgt Ion: 117 Resp: 98044

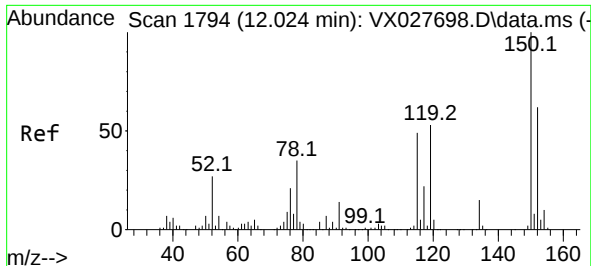
Ion Ratio Lower Upper

117 100

82 65.6 41.8 62.8#

119 31.4 24.8 37.2

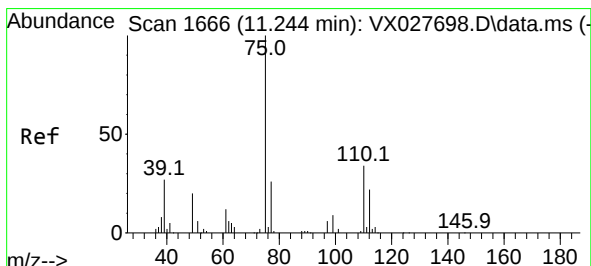
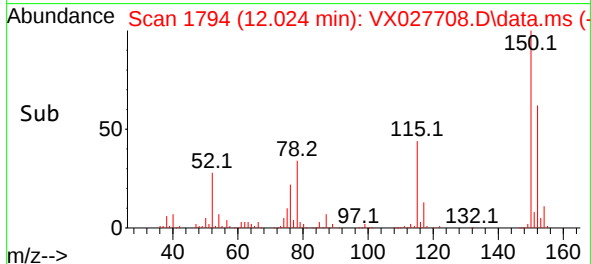
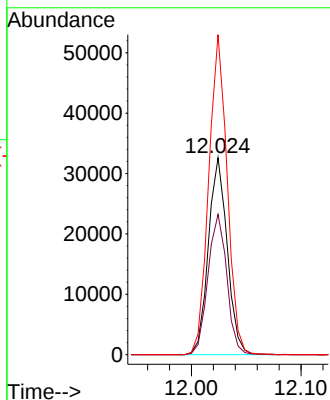
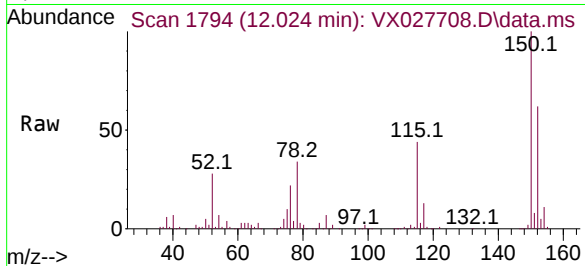




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027708.D
Acq: 25 Mar 2022 20:03

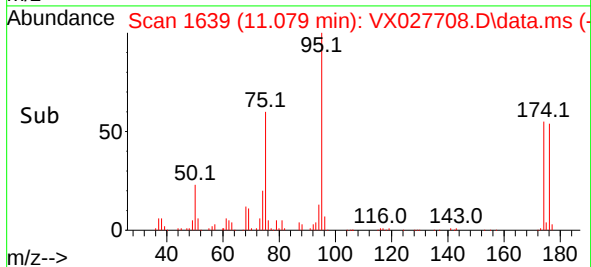
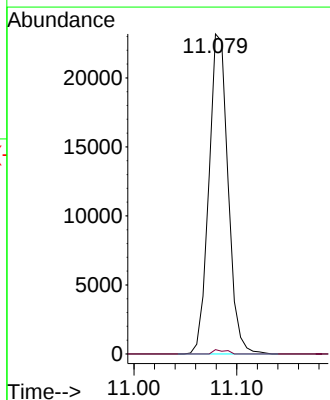
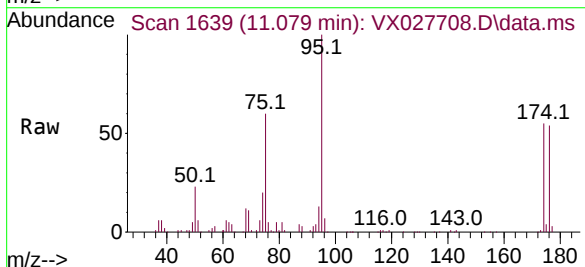
Instrument :
MSVOA_X
ClientSampleId :
UST-7-BOTTOM

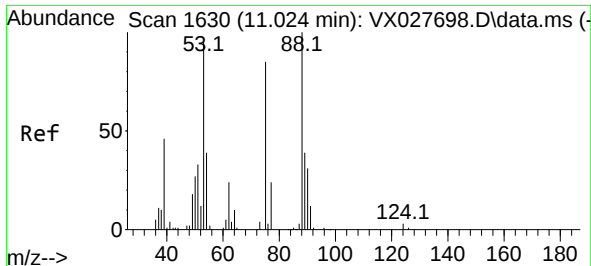
Tgt Ion:152 Resp: 39076
Ion Ratio Lower Upper
152 100
115 71.2 37.5 112.7
150 158.7 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 27.576 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027708.D
Acq: 25 Mar 2022 20:03

Tgt Ion: 75 Resp: 30002
Ion Ratio Lower Upper
75 100
77 0.9 19.4 58.2#

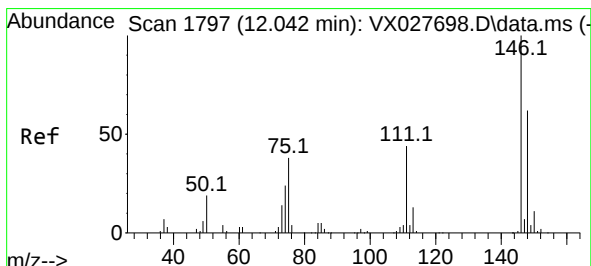
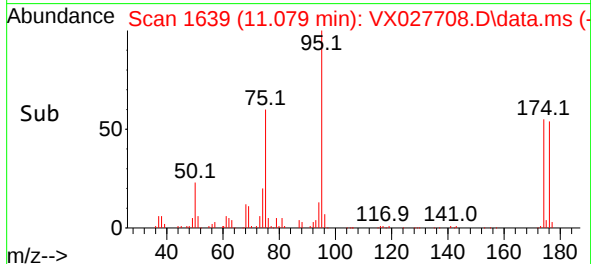
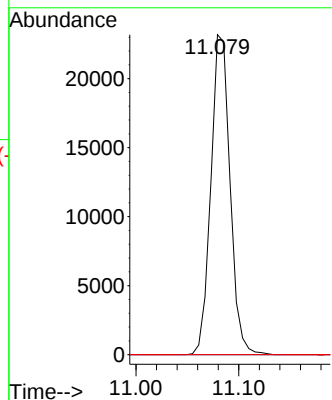
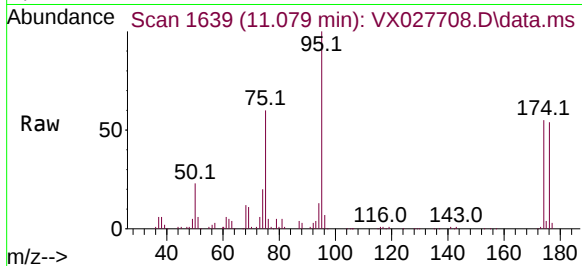




#81
trans-1,4-Dichloro-2-butene
Concen: 93.865 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX027708.D
Acq: 25 Mar 2022 20:03

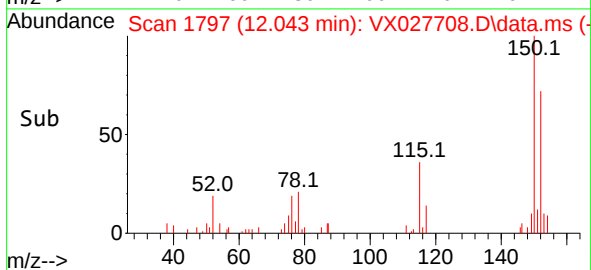
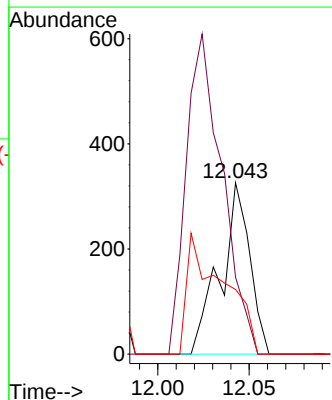
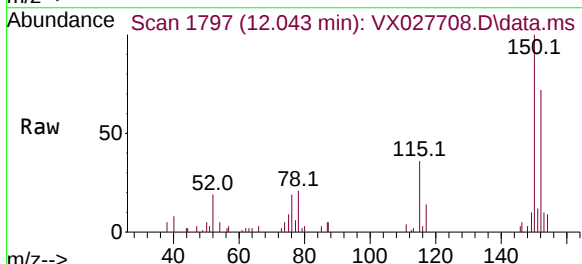
Instrument :
MSVOA_X
ClientSampleId :
UST-7-BOTTOM

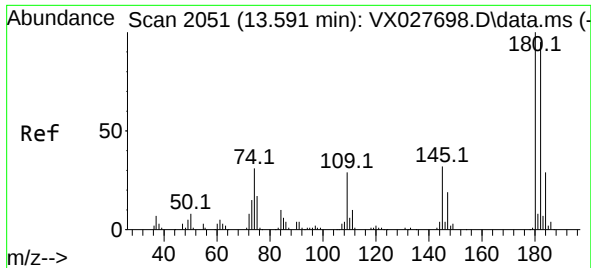
Tgt Ion: 75 Resp: 30002
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#88
1,4-Dichlorobenzene
Concen: 0.264 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.001 min
Lab File: VX027708.D
Acq: 25 Mar 2022 20:03

Tgt Ion: 146 Resp: 362
Ion Ratio Lower Upper
146 100
111 0.0 19.2 57.6#
148 0.0 32.3 96.9#

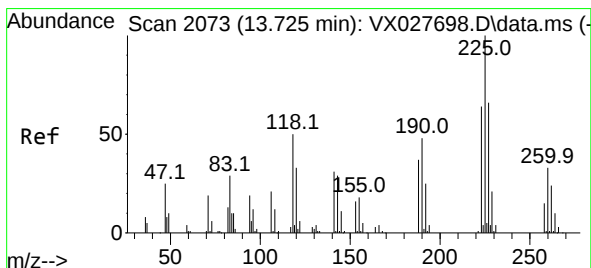
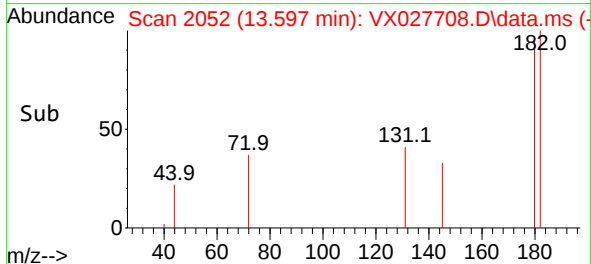
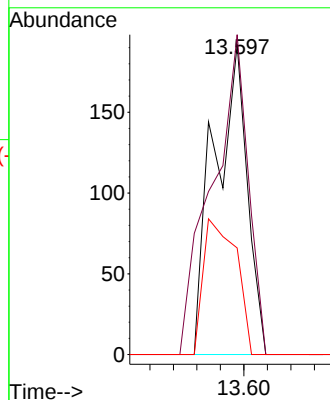
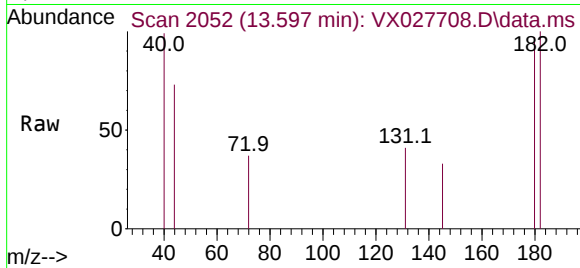




#93
1,2,4-Trichlorobenzene
Concen: 0.247 ug/l
RT: 13.597 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX027708.D
Acq: 25 Mar 2022 20:03

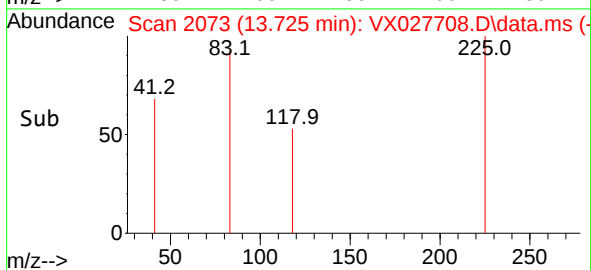
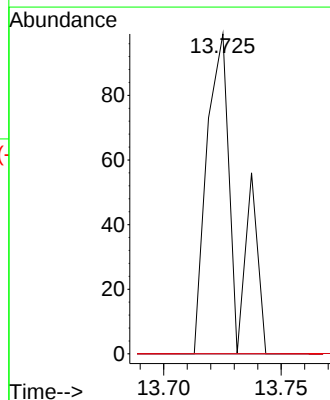
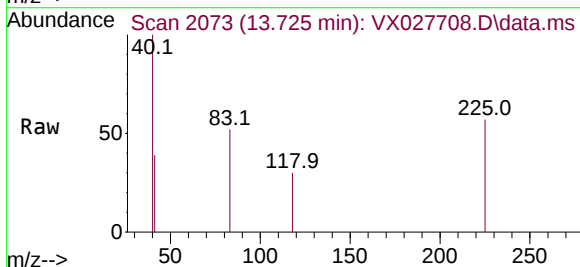
Instrument :
MSVOA_X
ClientSampleId :
UST-7-BOTTOM

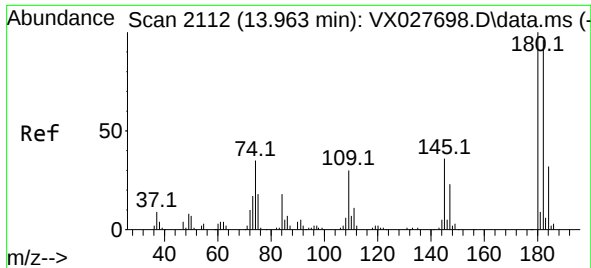
Tgt Ion:180 Resp: 187
Ion Ratio Lower Upper
180 100
182 112.8 47.7 143.1
145 43.9 15.2 45.5



#94
Hexachlorobutadiene
Concen: 0.225 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027708.D
Acq: 25 Mar 2022 20:03

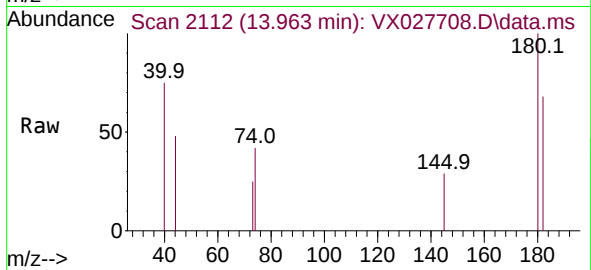
Tgt Ion:225 Resp: 83
Ion Ratio Lower Upper
225 100
223 0.0 34.2 102.5#
227 0.0 33.9 101.7#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.276 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX027708.D
 Acq: 25 Mar 2022 20:03

Instrument :
 MSVOA_X
 ClientSampleId :
 UST-7-BOTTOM



Tgt Ion:	180	Resp:	209
Ion	Ratio	Lower	Upper
180	100		
182	70.3	50.0	149.8
145	32.1	16.2	48.5

