

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029868.D
 Acq On : 29 Jun 2022 17:40
 Operator : JC/MD
 Sample : N3485-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT205S1-20220623

Quant Time: Jun 29 23:00:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

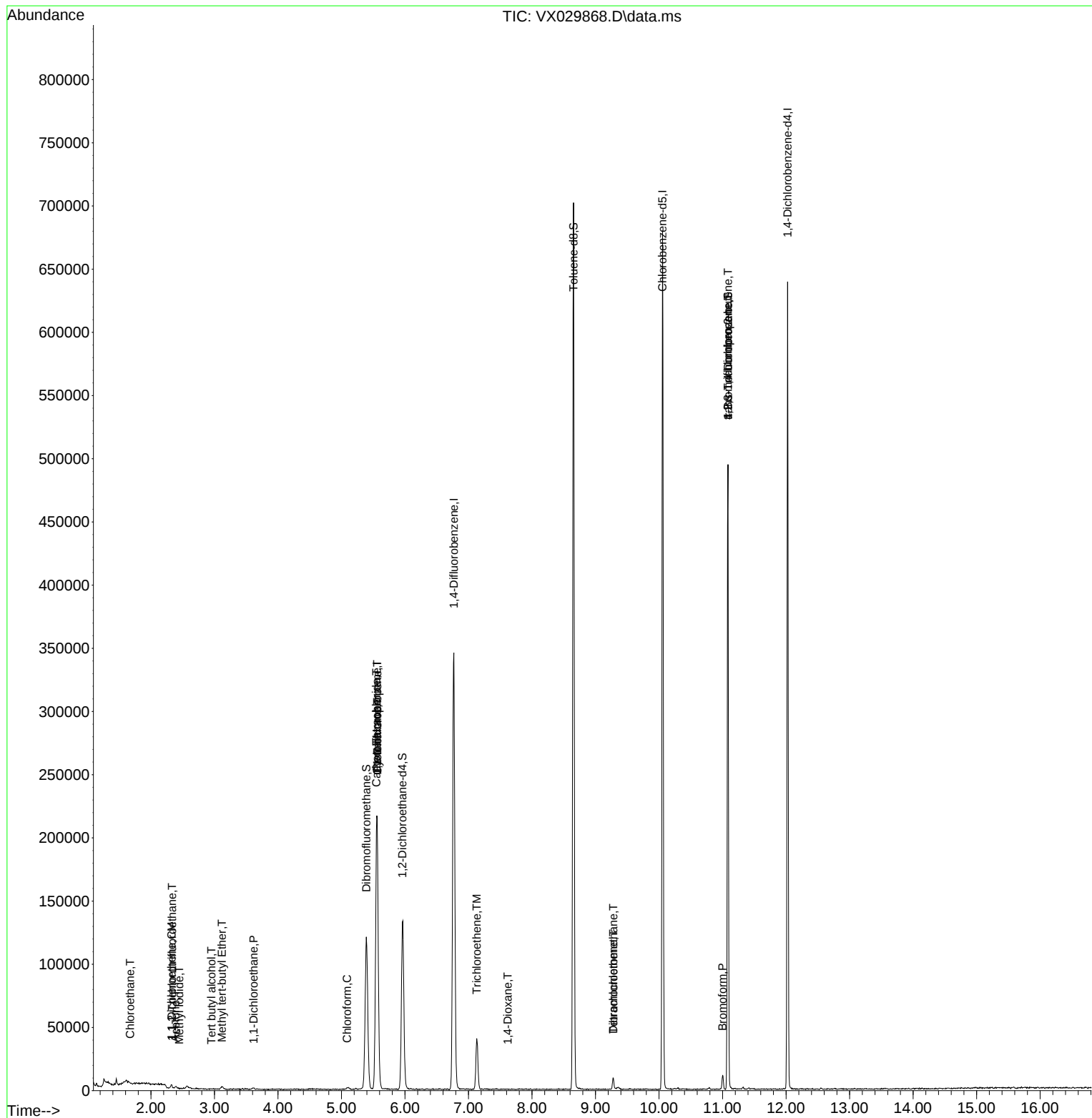
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	217122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	374275	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	119152	43.353	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.700%
35) Dibromofluoromethane	5.391	113	105327	45.030	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.060%
50) Toluene-d8	8.653	98	422847	48.189	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.380%
62) 4-Bromofluorobenzene	11.085	95	138461	44.640	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.280%
Target Compounds						
					Qvalue	
6) Chloroethane	1.672	64	205	1.149	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	463	0.213	ug/l #	71
10) Methyl Iodide	2.447	142	50	1.889	ug/l #	45
11) Tert butyl alcohol	2.953	59	156	0.217	ug/l #	74
12) 1,1-Dichloroethene	2.325	96	776	0.347	ug/l #	63
13) Acrolein	2.233	56	98	Below Cal	#	14
16) Acetone	2.386	43	2453	1.824	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	1929	0.256	ug/l	99
24) 1,1-Dichloroethane	3.617	63	1743	0.396	ug/l #	91
30) Chloroform	5.086	83	1902	0.441	ug/l	99
31) Cyclohexane	5.562	56	4413	1.152	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	16552	5.321	ug/l #	47
38) Carbon Tetrachloride	5.550	117	20324	7.540	ug/l #	17
44) Trichloroethene	7.129	130	16249	5.998	ug/l	99
49) 1,4-Dioxane	7.616	88	81	1.126	ug/l #	75
60) Dibromochloromethane	9.281	129	913	0.391	ug/l #	11
64) Tetrachloroethene	9.281	164	988	0.523	ug/l	89
71) Bromoform	11.000	173	417	0.278	ug/l #	29
76) 1,2,3-Trichloropropane	11.085	75	64758	20.548	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	64758	65.255	ug/l #	12

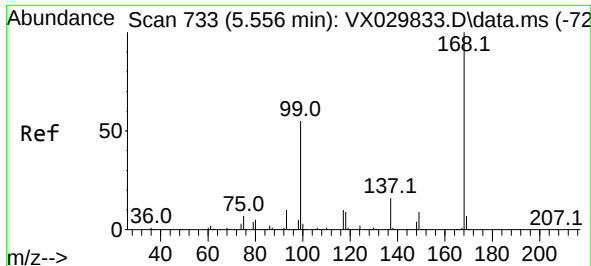
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 29 05:54:51 2022
Response via : Initial Calibration

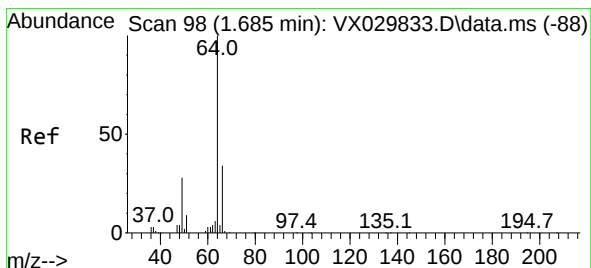
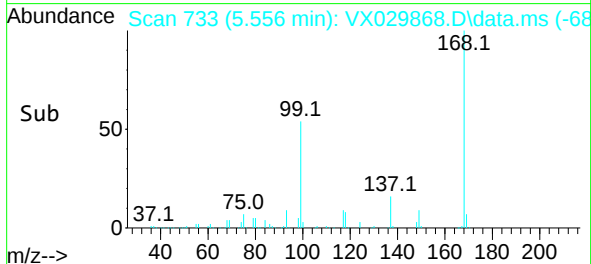
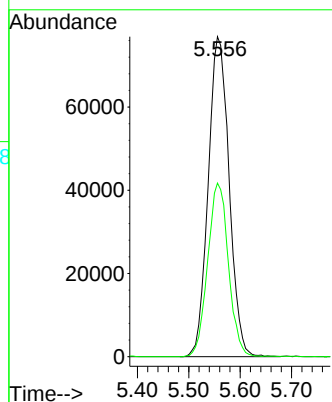
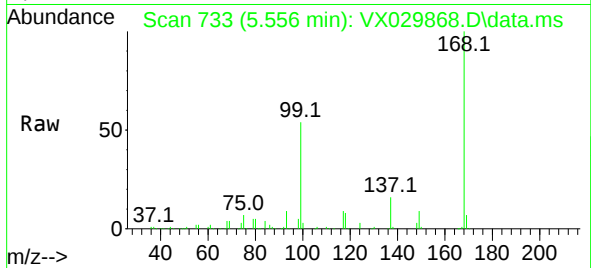




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029868.D
Acq: 29 Jun 2022 17:40

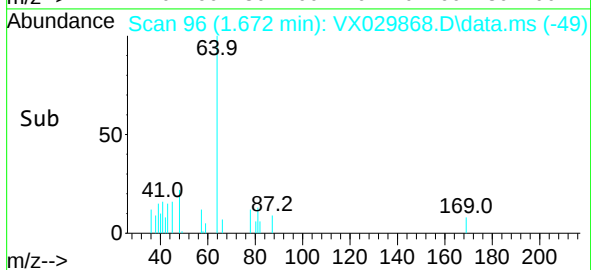
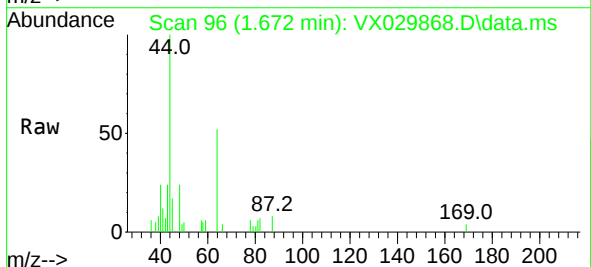
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20220623

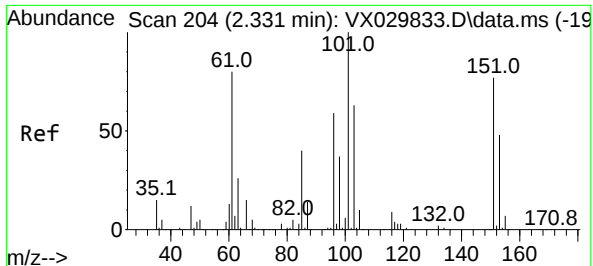
Tgt Ion:168 Resp: 217122
Ion Ratio Lower Upper
168 100
99 54.3 44.0 66.0



#6
Chloroethane
Concen: 1.149 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.013 min
Lab File: VX029868.D
Acq: 29 Jun 2022 17:40

Tgt Ion: 64 Resp: 205
Ion Ratio Lower Upper
64 100
66 28.4 27.2 40.8

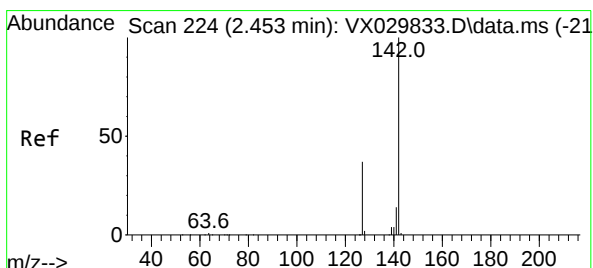
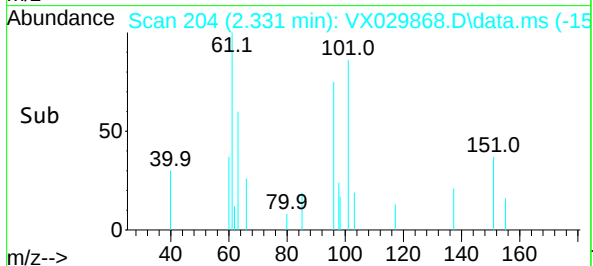
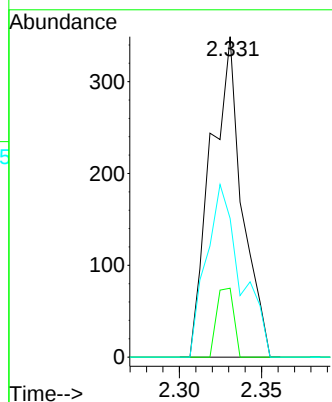
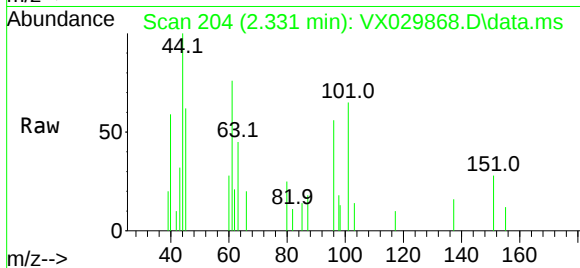




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.213 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX029868.D
Acq: 29 Jun 2022 17:40

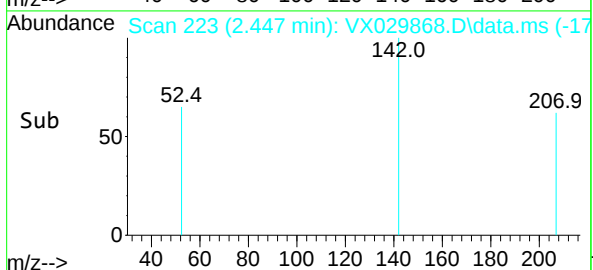
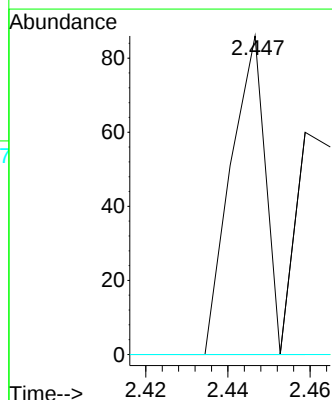
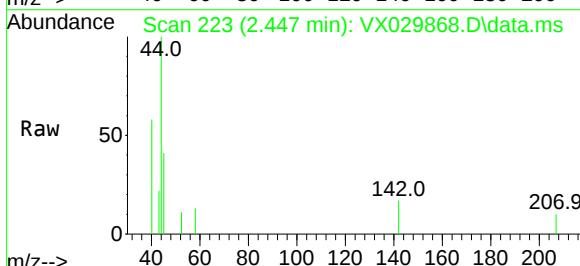
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20220623

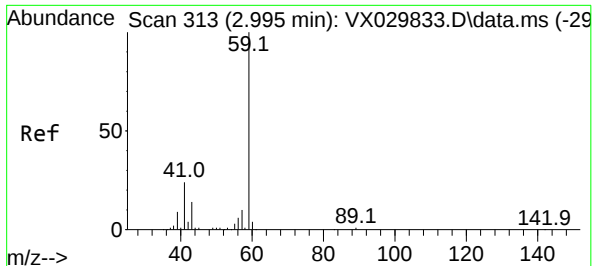
Tgt Ion:101 Resp: 463
Ion Ratio Lower Upper
101 100
85 11.7 34.0 51.0#
151 59.2 59.4 89.0#



#10
Methyl Iodide
Concen: 1.889 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX029868.D
Acq: 29 Jun 2022 17:40

Tgt Ion:142 Resp: 50
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: 0.217 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.043 min

Lab File: VX029868.D

Acq: 29 Jun 2022 17:40

Instrument :

MSVOA_X

ClientSampleId :

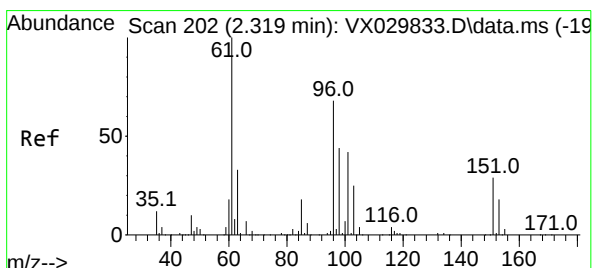
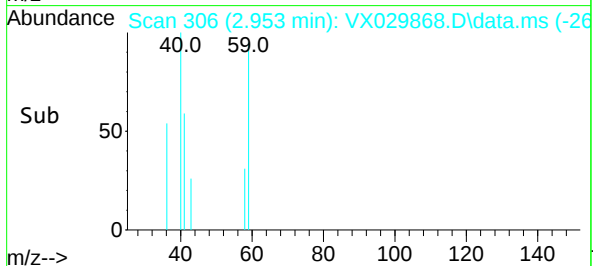
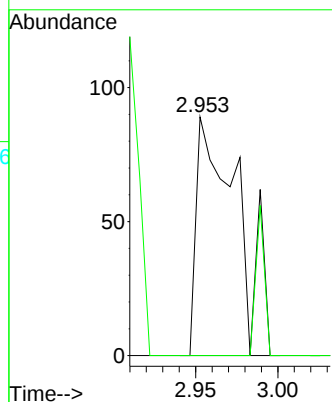
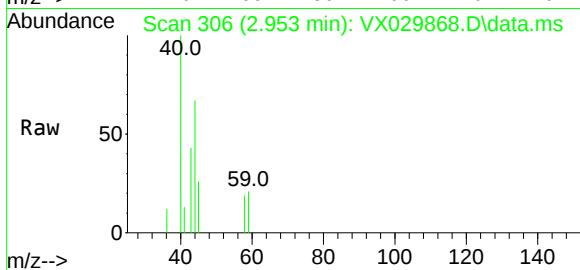
TT205S1-20220623

Tgt Ion: 59 Resp: 156

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#12

1,1-Dichloroethene

Concen: 0.347 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX029868.D

Acq: 29 Jun 2022 17:40

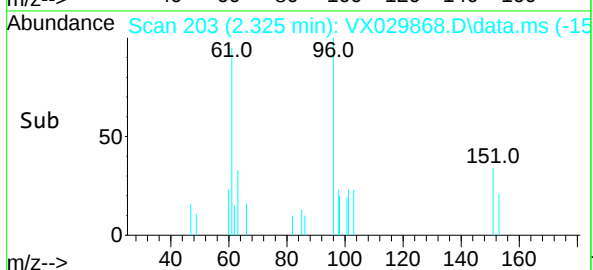
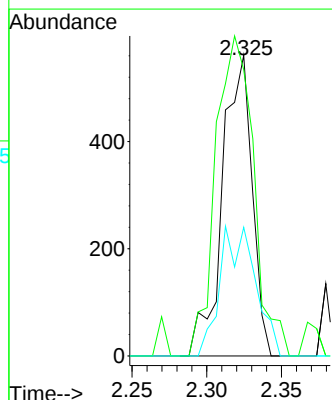
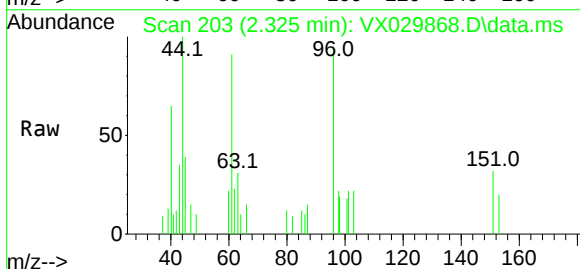
Tgt Ion: 96 Resp: 776

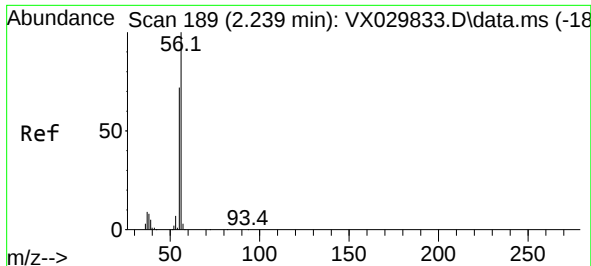
Ion Ratio Lower Upper

96 100

61 95.2 117.4 176.0#

98 42.8 52.2 78.4#





#13

Acrolein

Concen: Below Cal

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX029868.D

Acq: 29 Jun 2022 17:40

Instrument :

MSVOA_X

ClientSampleId :

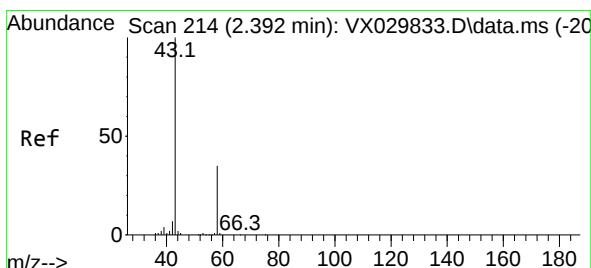
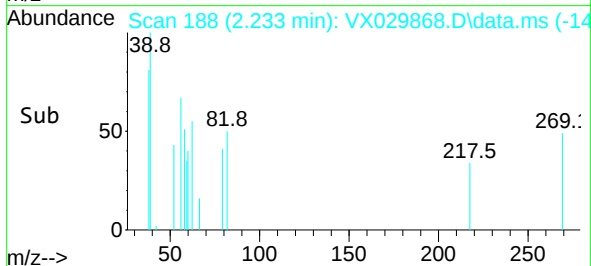
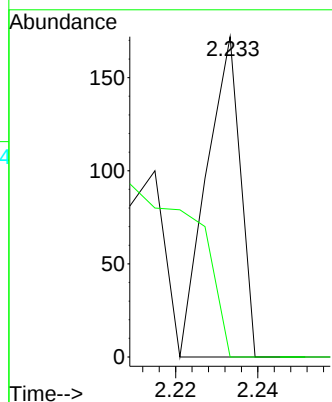
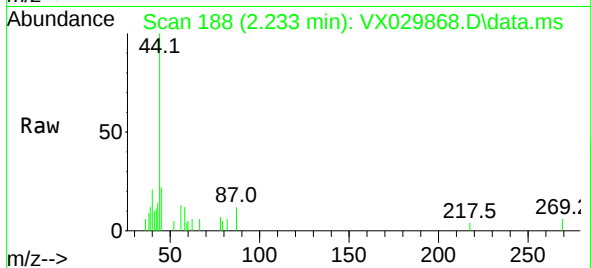
TT205S1-20220623

Tgt Ion: 56 Resp: 98

Ion Ratio Lower Upper

56 100

55 0.0 56.6 84.8#



#16

Acetone

Concen: 1.824 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX029868.D

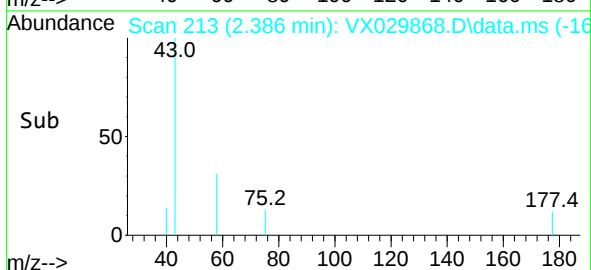
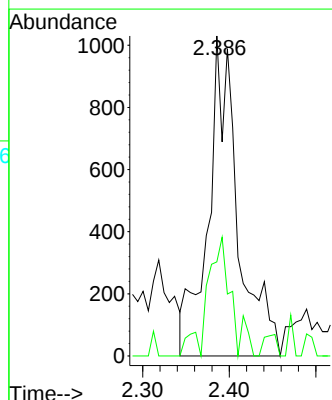
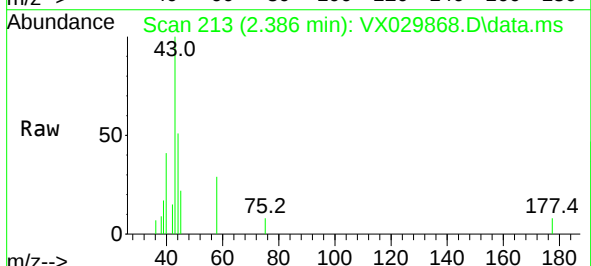
Acq: 29 Jun 2022 17:40

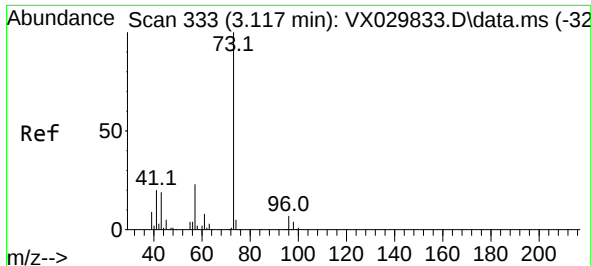
Tgt Ion: 43 Resp: 2453

Ion Ratio Lower Upper

43 100

58 29.4 27.7 41.5

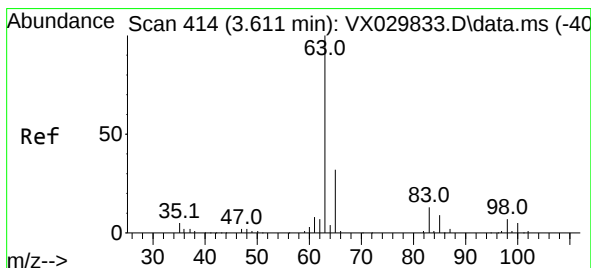
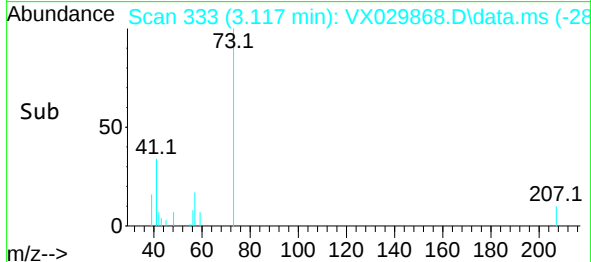
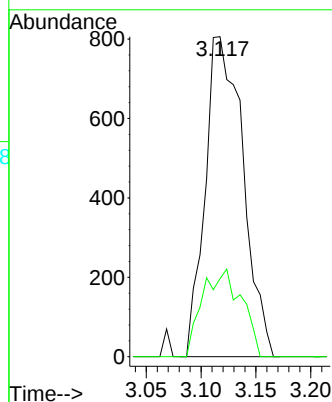
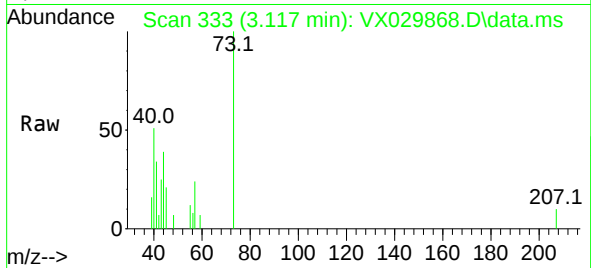




#19
Methyl tert-butyl Ether
Concen: 0.256 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX029868.D
Acq: 29 Jun 2022 17:40

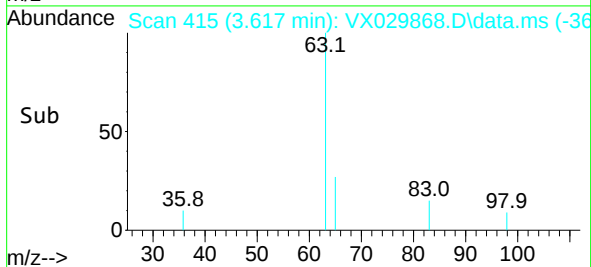
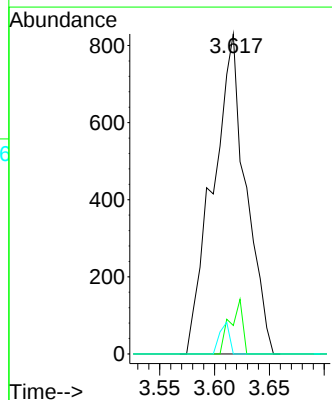
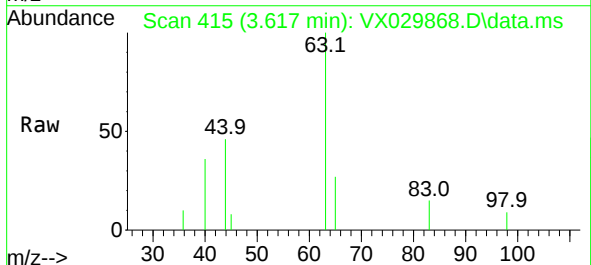
Instrument :
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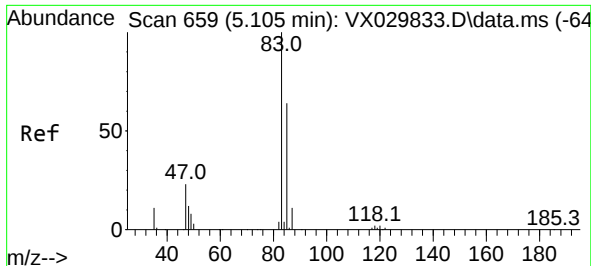
Tgt Ion: 73 Resp: 1929
Ion Ratio Lower Upper
73 100
57 24.4 19.0 28.6



#24
1,1-Dichloroethane
Concen: 0.396 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX029868.D
Acq: 29 Jun 2022 17:40

Tgt Ion: 63 Resp: 1743
Ion Ratio Lower Upper
63 100
98 8.9 3.5 10.5
100 0.0 2.3 6.9#





#30

Chloroform

Concen: 0.441 ug/l

RT: 5.086 min Scan# 61

Delta R.T. -0.018 min

Lab File: VX029868.D

Acq: 29 Jun 2022 17:40

Instrument :

MSVOA_X

ClientSampleId :

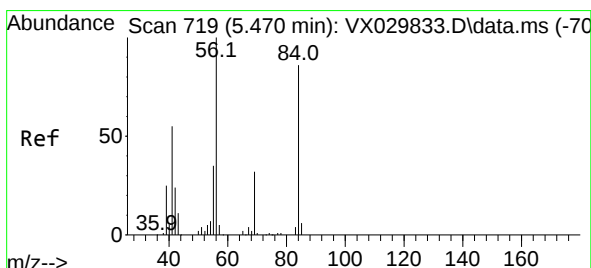
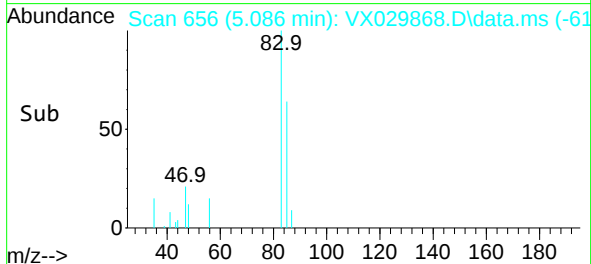
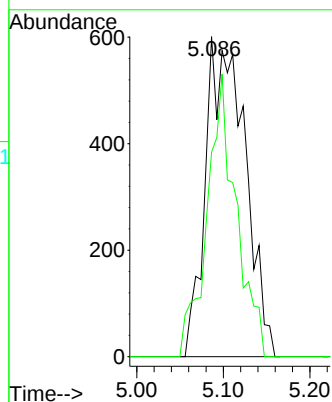
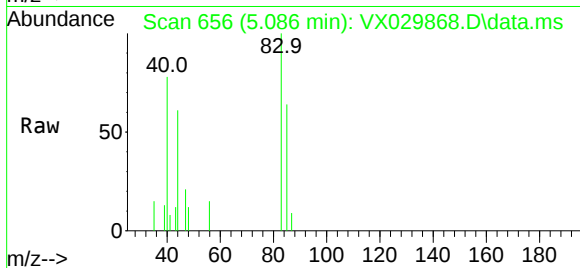
TT205S1-20220623

Tgt Ion: 83 Resp: 1902

Ion Ratio Lower Upper

83 100

85 63.9 51.5 77.3



#31

Cyclohexane

Concen: 1.152 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.091 min

Lab File: VX029868.D

Acq: 29 Jun 2022 17:40

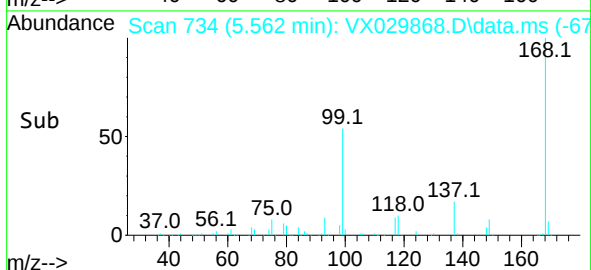
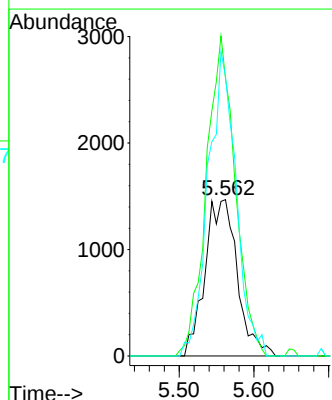
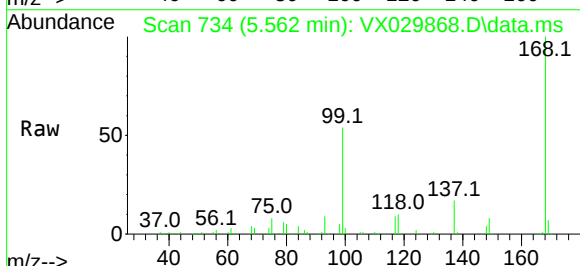
Tgt Ion: 56 Resp: 4413

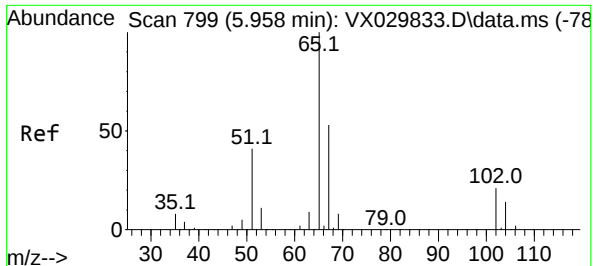
Ion Ratio Lower Upper

56 100

69 177.6 25.4 38.0#

84 178.9 68.9 103.3#

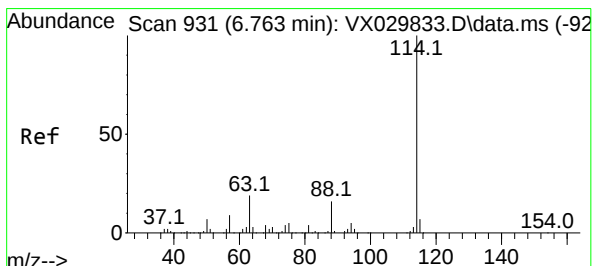
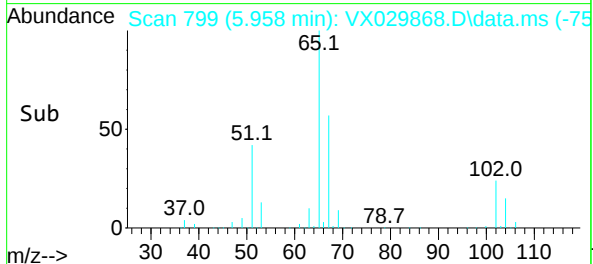
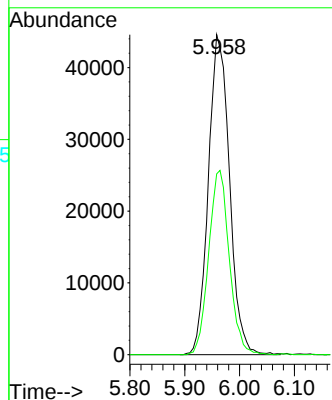
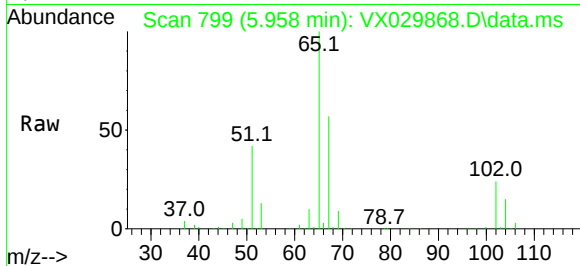




#33
 1,2-Dichloroethane-d4
 Concen: 43.353 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX029868.D
 Acq: 29 Jun 2022 17:40

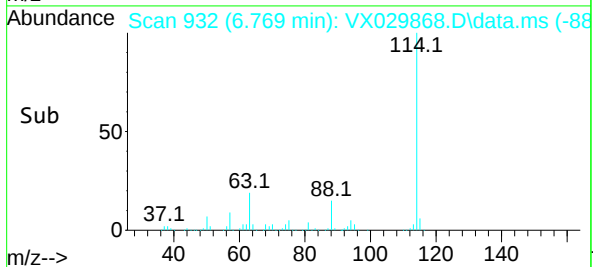
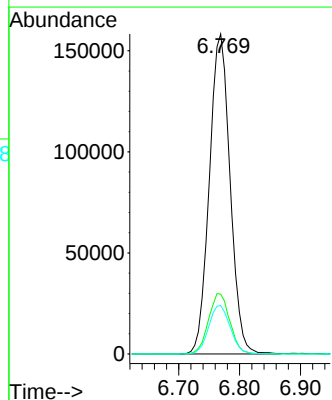
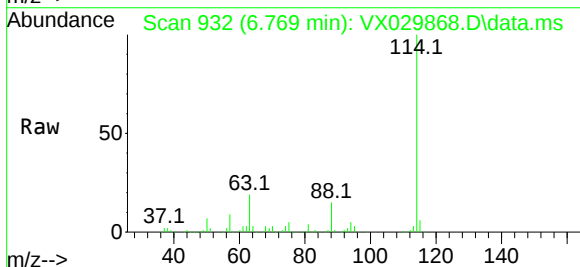
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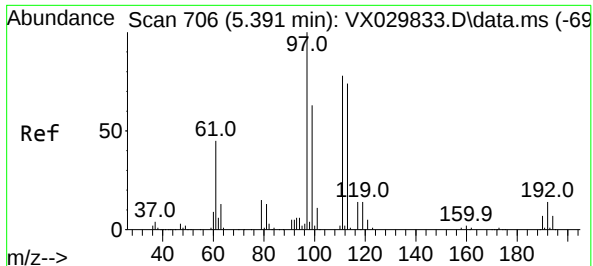
Tgt Ion: 65 Resp: 119152
 Ion Ratio Lower Upper
 65 100
 67 56.2 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.006 min
 Lab File: VX029868.D
 Acq: 29 Jun 2022 17:40

Tgt Ion: 114 Resp: 374275
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.4
 88 15.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 45.030 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029868.D

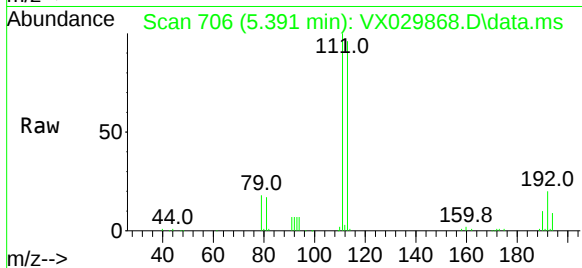
Acq: 29 Jun 2022 17:40

Instrument :

MSVOA_X

ClientSampleId :

TT205S1-20220623



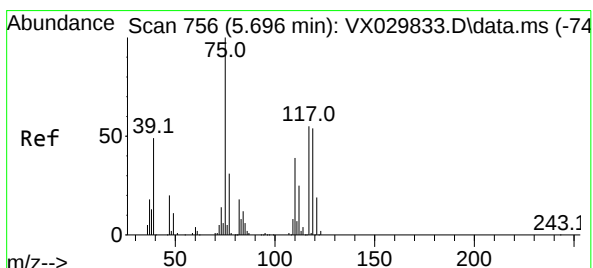
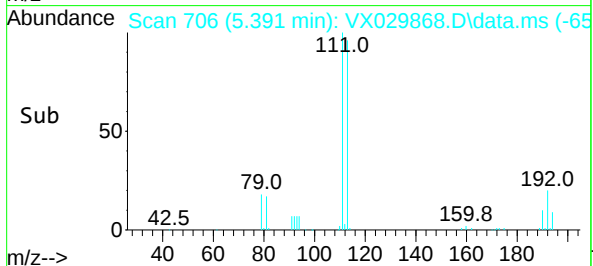
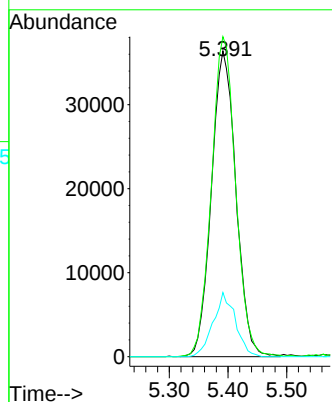
Tgt Ion:113 Resp: 105327

Ion Ratio Lower Upper

113 100

111 103.6 83.2 124.8

192 19.0 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.321 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX029868.D

Acq: 29 Jun 2022 17:40

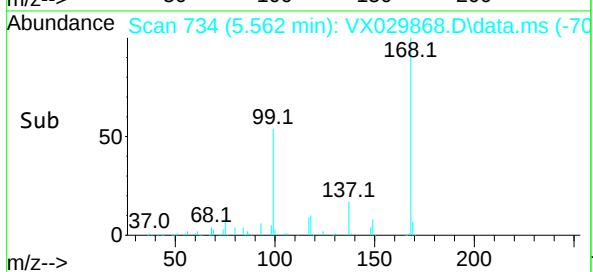
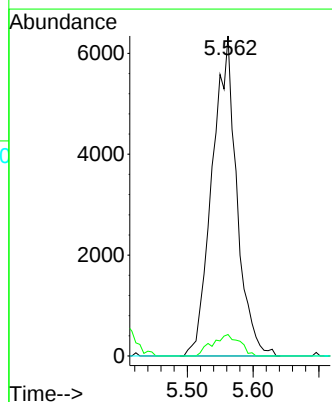
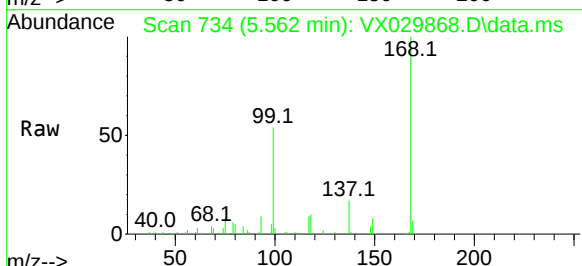
Tgt Ion: 75 Resp: 16552

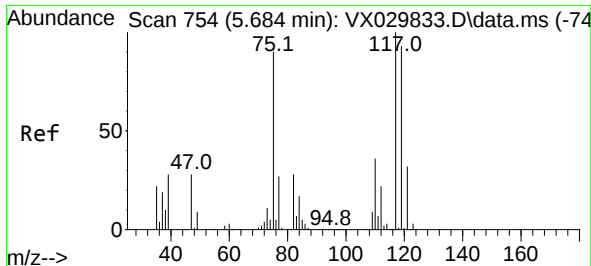
Ion Ratio Lower Upper

75 100

110 7.5 19.3 57.9#

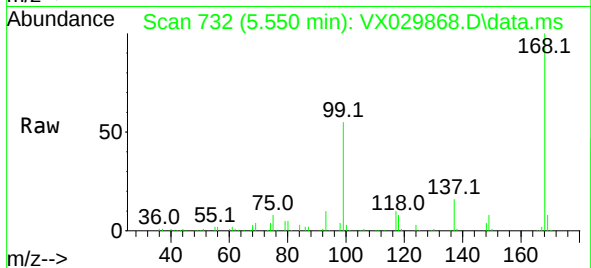
77 0.0 24.4 36.6#



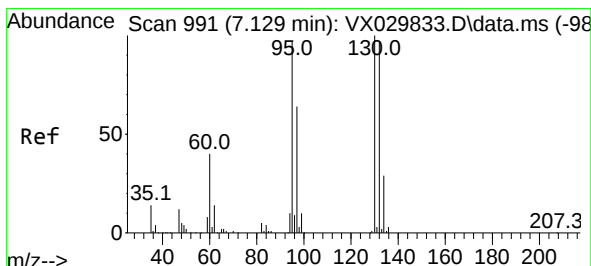
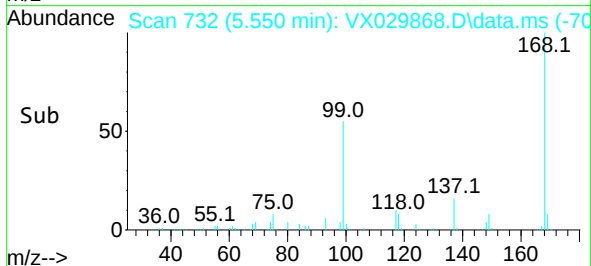
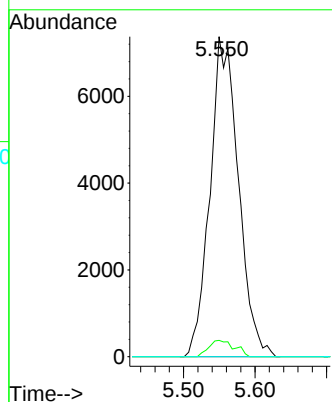


#38
Carbon Tetrachloride
Concen: 7.540 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX029868.D
Acq: 29 Jun 2022 17:40

Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20220623

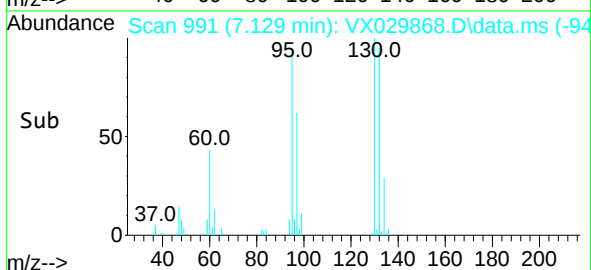
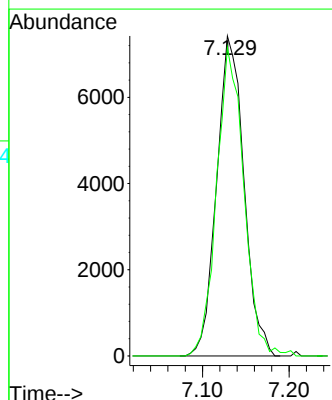
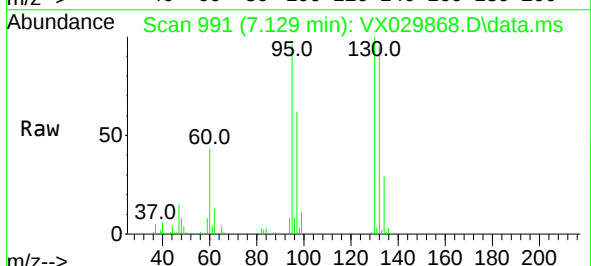


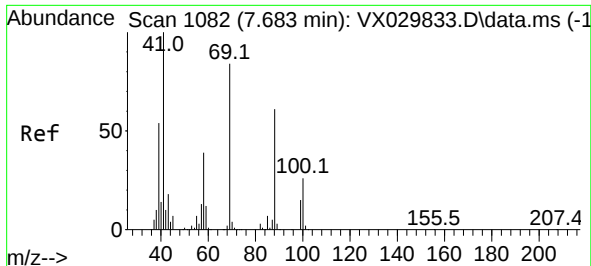
Tgt Ion:117 Resp: 20324
Ion Ratio Lower Upper
117 100
119 5.1 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 5.998 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX029868.D
Acq: 29 Jun 2022 17:40

Tgt Ion:130 Resp: 16249
Ion Ratio Lower Upper
130 100
95 96.4 0.0 194.8





#49

1,4-Dioxane

Concen: 1.126 ug/l

RT: 7.616 min Scan# 1082

Delta R.T. -0.067 min

Lab File: VX029868.D

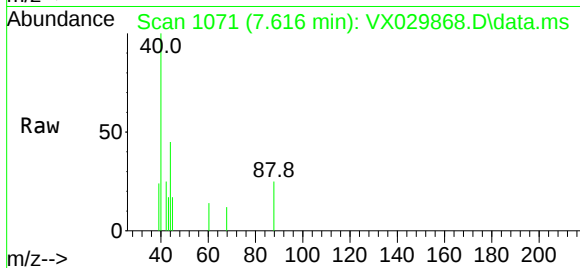
Acq: 29 Jun 2022 17:40

Instrument :

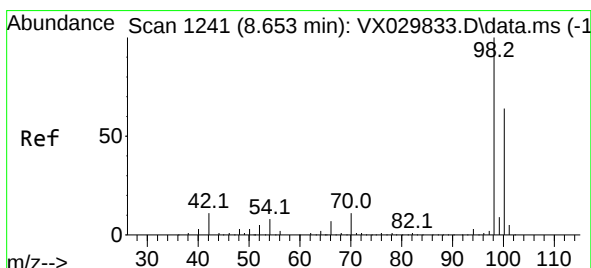
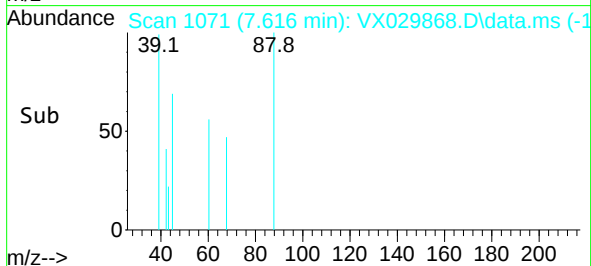
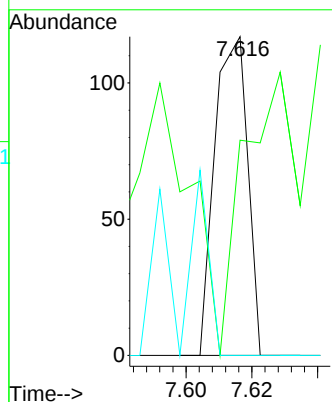
MSVOA_X

ClientSampleId :

TT205S1-20220623



Tgt Ion:	88	Resp:	81
Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.8	35.8#
58	58.0	53.8	80.6



#50

Toluene-d8

Concen: 48.189 ug/l

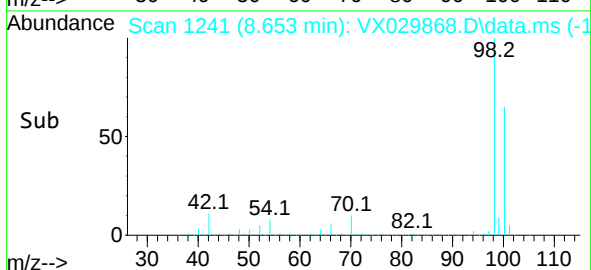
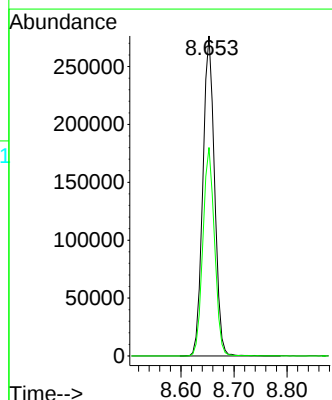
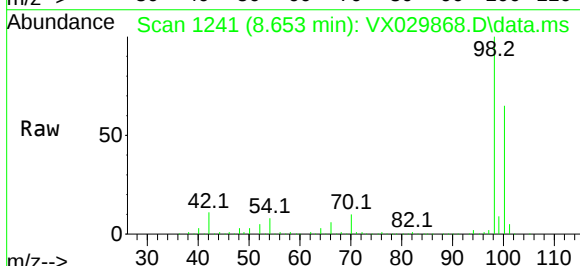
RT: 8.653 min Scan# 1241

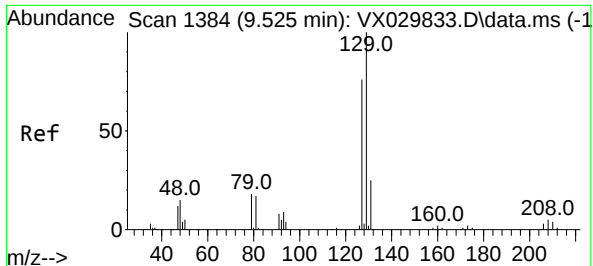
Delta R.T. 0.000 min

Lab File: VX029868.D

Acq: 29 Jun 2022 17:40

Tgt Ion:	98	Resp:	422847
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.3	78.5

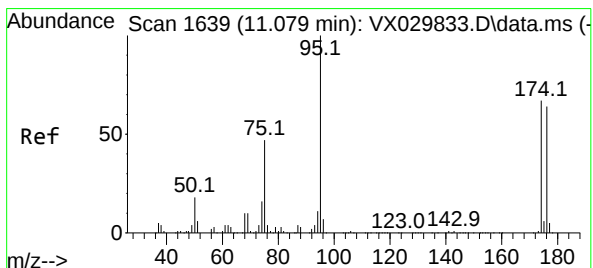
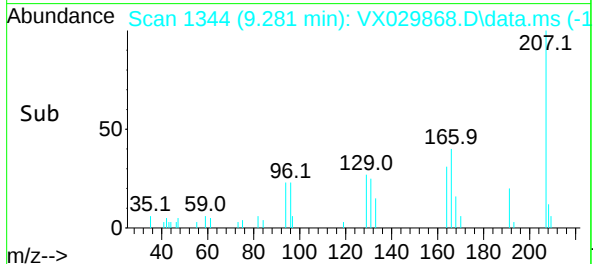
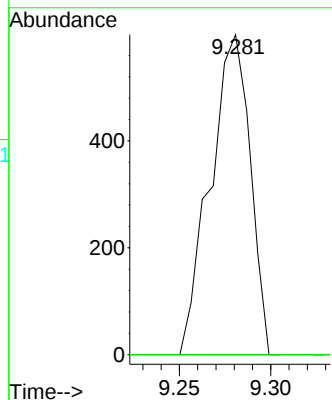
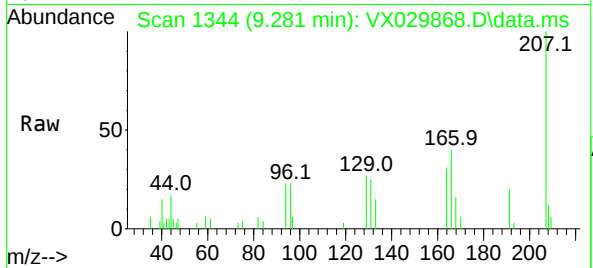




#60
Dibromochloromethane
Concen: 0.391 ug/l
RT: 9.281 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX029868.D
Acq: 29 Jun 2022 17:40

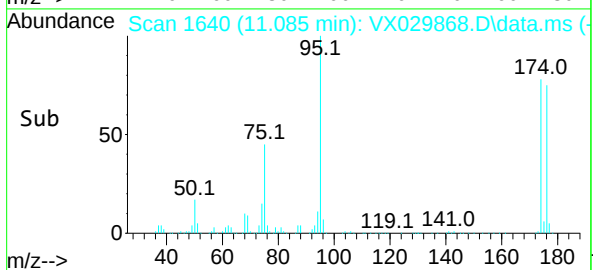
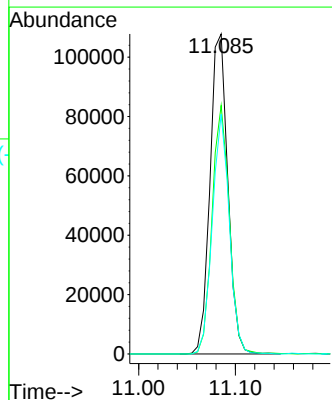
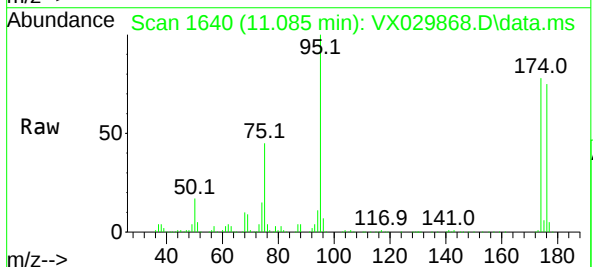
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20220623

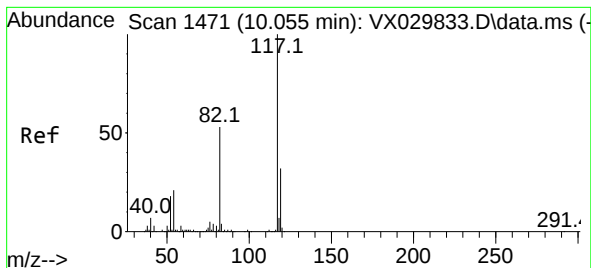
Tgt Ion:129 Resp: 913
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 44.640 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029868.D
Acq: 29 Jun 2022 17:40

Tgt Ion: 95 Resp: 138461
Ion Ratio Lower Upper
95 100
174 75.1 0.0 149.0
176 71.1 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX029868.D

Acq: 29 Jun 2022 17:40

Instrument :

MSVOA_X

ClientSampleId :

TT205S1-20220623

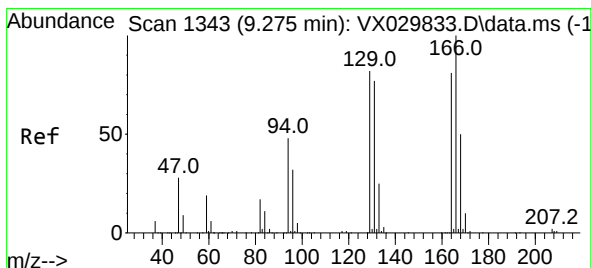
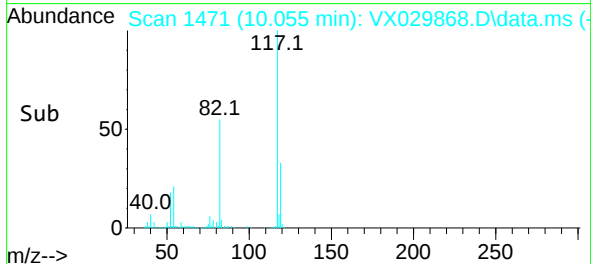
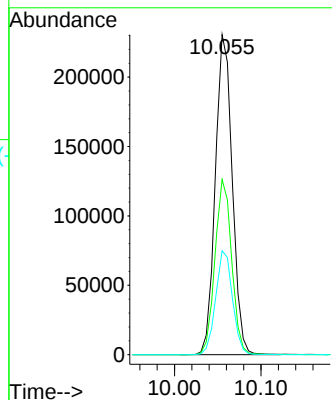
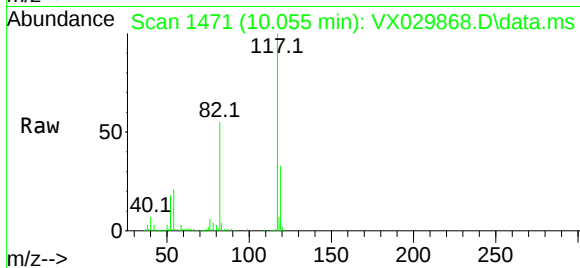
Tgt Ion:117 Resp: 313300

Ion Ratio Lower Upper

117 100

82 54.8 42.7 64.1

119 32.5 25.4 38.2



#64

Tetrachloroethene

Concen: 0.523 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. 0.006 min

Lab File: VX029868.D

Acq: 29 Jun 2022 17:40

Tgt Ion:164 Resp: 988

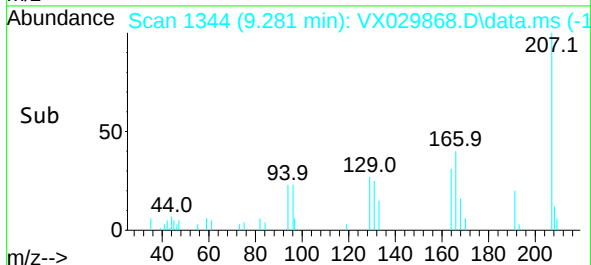
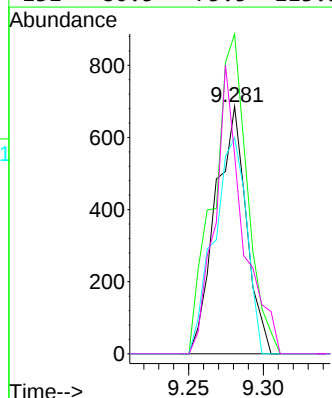
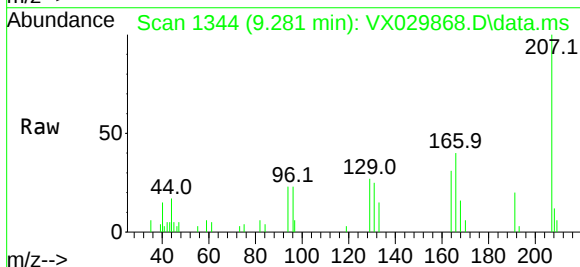
Ion Ratio Lower Upper

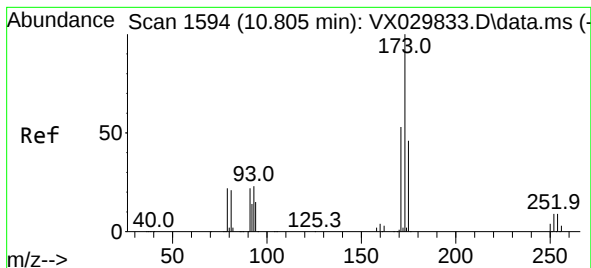
164 100

166 129.3 98.2 147.4

129 87.3 80.8 121.2

131 80.5 75.5 113.3





#71

Bromoform

Concen: 0.278 ug/l

RT: 11.000 min Scan# 1

Delta R.T. 0.195 min

Lab File: VX029868.D

Acq: 29 Jun 2022 17:40

Instrument :

MSVOA_X

ClientSampleId :

TT205S1-20220623

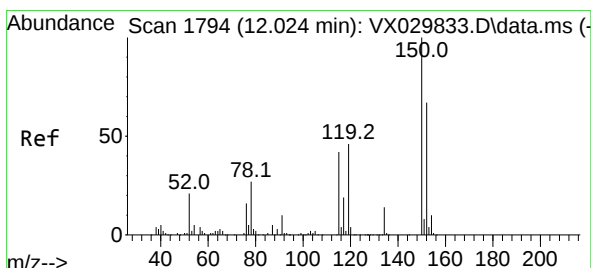
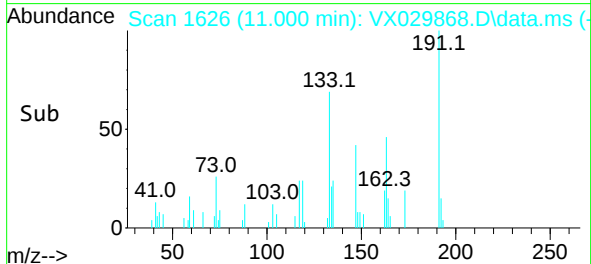
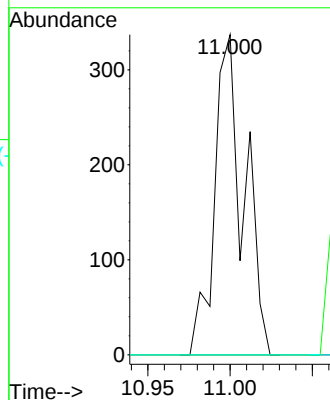
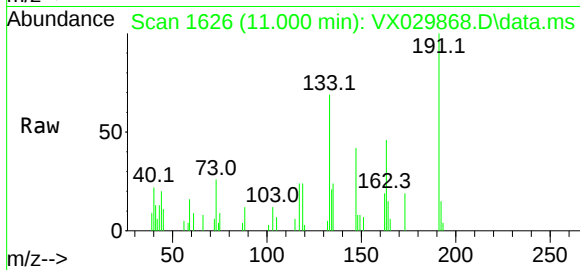
Tgt Ion:173 Resp: 417

Ion Ratio Lower Upper

173 100

175 0.0 23.8 71.2#

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX029868.D

Acq: 29 Jun 2022 17:40

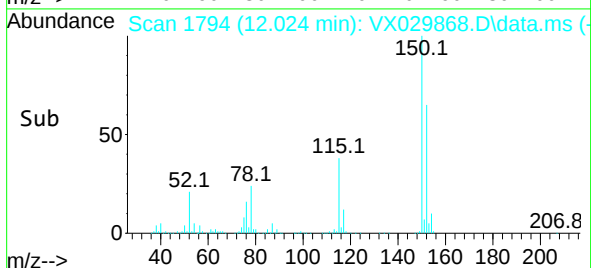
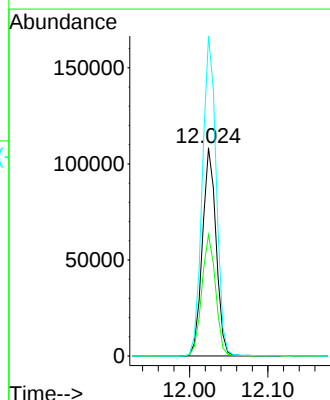
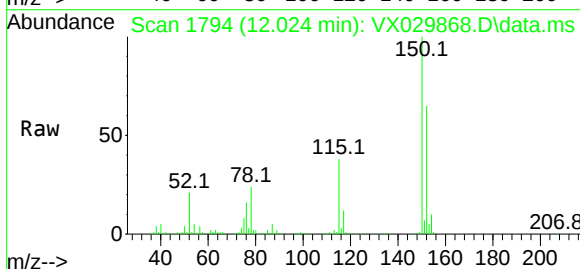
Tgt Ion:152 Resp: 131652

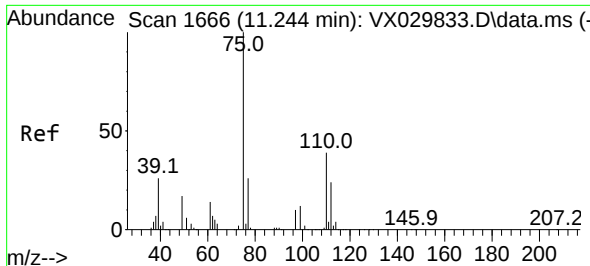
Ion Ratio Lower Upper

152 100

115 58.5 40.5 121.5

150 155.6 0.0 347.0

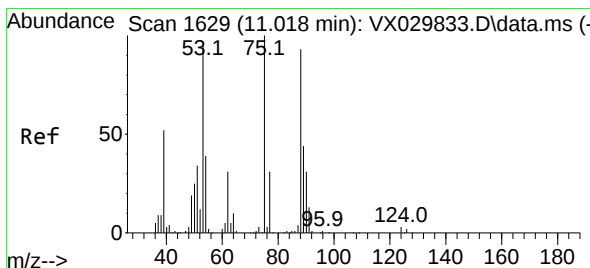
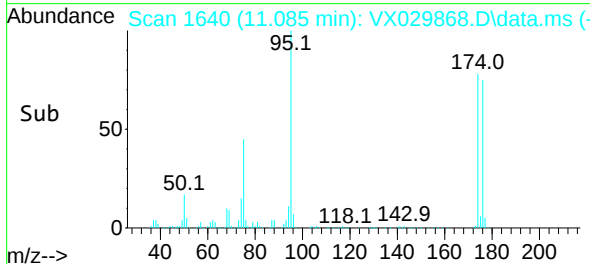
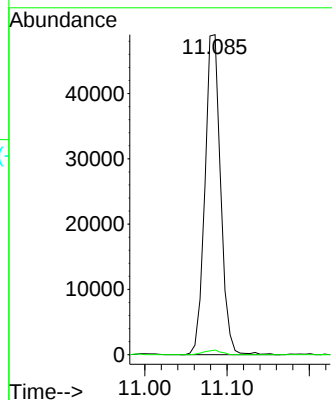
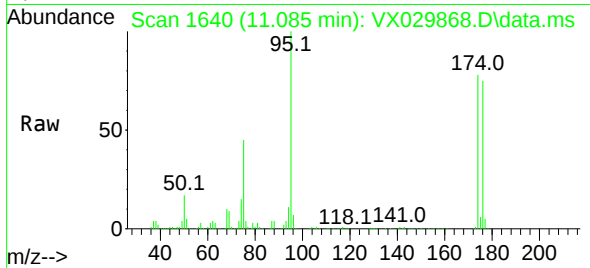




#76
1,2,3-Trichloropropane
Concen: 20.548 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX029868.D
Acq: 29 Jun 2022 17:40

Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20220623

Tgt Ion: 75 Resp: 64758
Ion Ratio Lower Upper
75 100
77 1.5 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.255 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX029868.D
Acq: 29 Jun 2022 17:40

Tgt Ion: 75 Resp: 64758
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

