

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
 Data File : VX030958.D
 Acq On : 30 Aug 2022 22:52
 Operator : JC/MD
 Sample : N4281-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT205S1-20220819

Quant Time: Sep 06 01:20:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

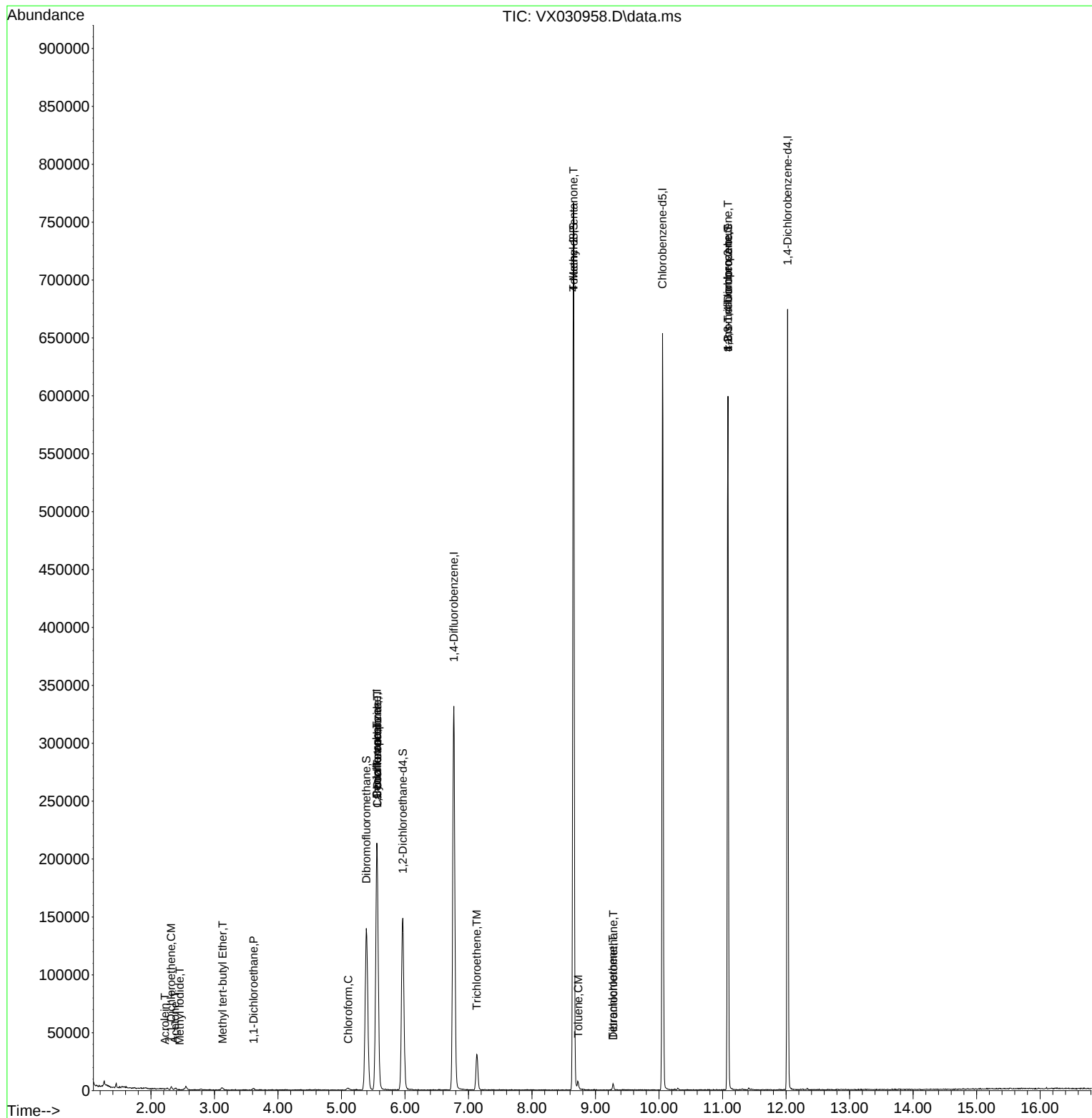
Internal Standards						
1) Pentafluorobenzene	5.556	168	199980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	353265	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	302060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	142327	49.621	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.240%		
35) Dibromofluoromethane	5.391	113	125717	48.277	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.560%		
50) Toluene-d8	8.653	98	470786	48.817	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.640%		
62) 4-Bromofluorobenzene	11.085	95	158300	46.095	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.180%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	290	Below Cal	#	72
10) Methyl Iodide	2.453	142	95	4.414	ug/l #	45
12) 1,1-Dichloroethene	2.319	96	587	0.242	ug/l #	59
13) Acrolein	2.221	56	25	7.344	ug/l #	1
16) Acetone	2.380	43	1404	1.085	ug/l #	82
19) Methyl tert-butyl Ether	3.129	73	2173	0.275	ug/l	92
24) 1,1-Dichloroethane	3.617	63	1631	0.343	ug/l #	94
30) Chloroform	5.105	83	2108	0.427	ug/l	91
31) Cyclohexane	5.556	56	4076	0.960	ug/l #	4
36) 1,1-Dichloropropene	5.562	75	15072	3.894	ug/l #	50
38) Carbon Tetrachloride	5.562	117	20417	5.541	ug/l #	18
44) Trichloroethene	7.129	130	11924	3.628	ug/l	79
51) 4-Methyl-2-Pentanone	8.653	43	1787	0.429	ug/l #	1
52) Toluene	8.726	92	2381	0.349	ug/l	92
60) Dibromochloromethane	9.281	129	936	0.319	ug/l #	11
64) Tetrachloroethene	9.275	164	935	0.327	ug/l #	89
76) 1,2,3-Trichloropropane	11.085	75	77502	22.660	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	77502	67.370	ug/l #	12

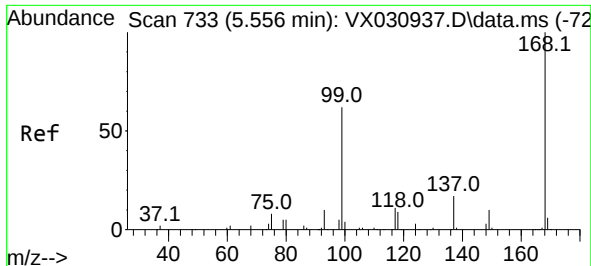
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
Data File : VX030958.D
Acq On : 30 Aug 2022 22:52
Operator : JC/MD
Sample : N4281-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20220819

Quant Time: Sep 06 01:20:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 30 14:24:53 2022
Response via : Initial Calibration

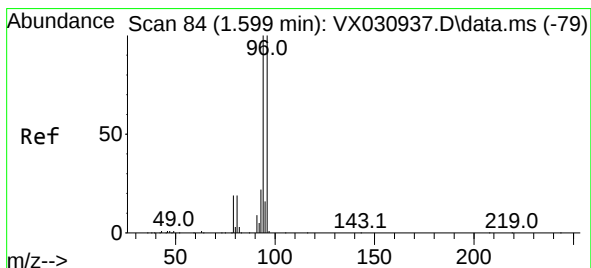
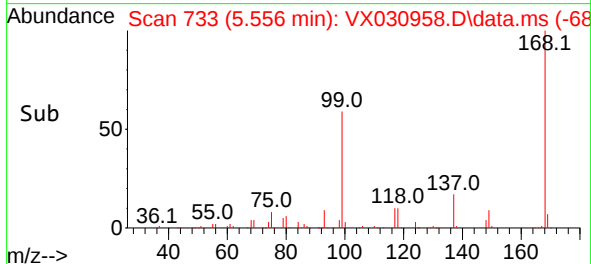
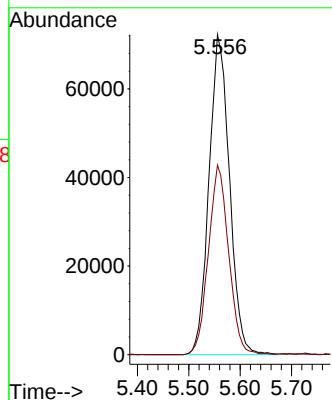
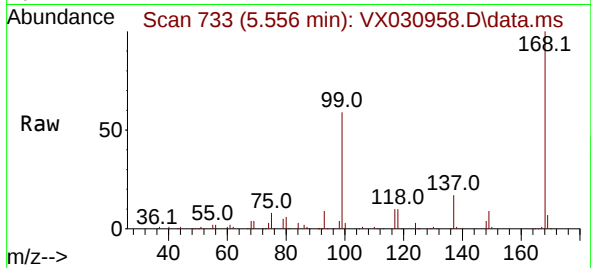




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030958.D
Acq: 30 Aug 2022 22:52

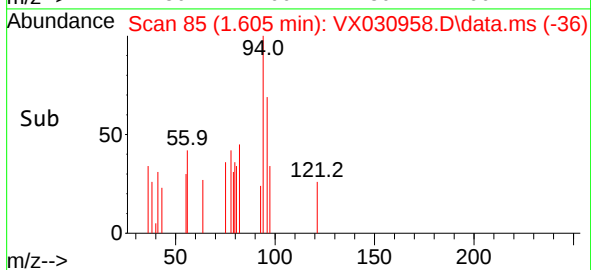
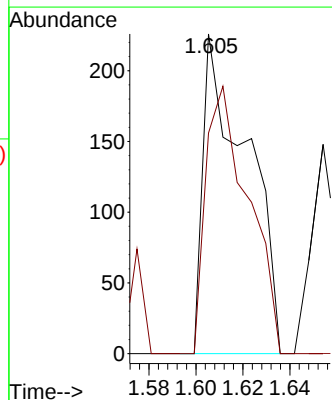
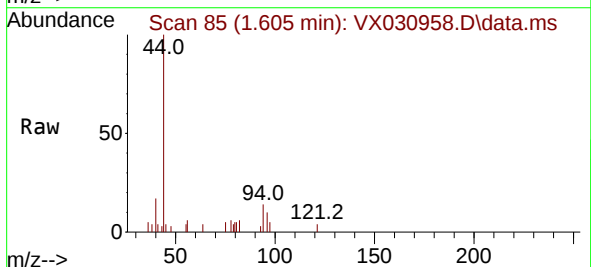
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20220819

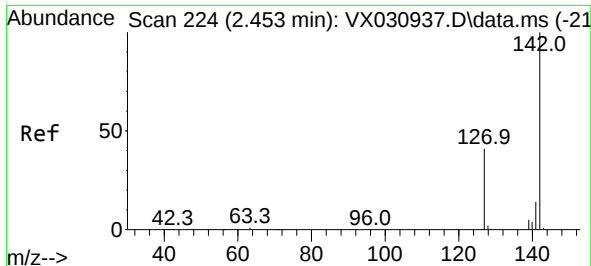
Tgt Ion:168 Resp: 199980
Ion Ratio Lower Upper
168 100
99 59.2 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.000 min
Lab File: VX030958.D
Acq: 30 Aug 2022 22:52

Tgt Ion: 94 Resp: 290
Ion Ratio Lower Upper
94 100
96 69.0 76.9 115.3#

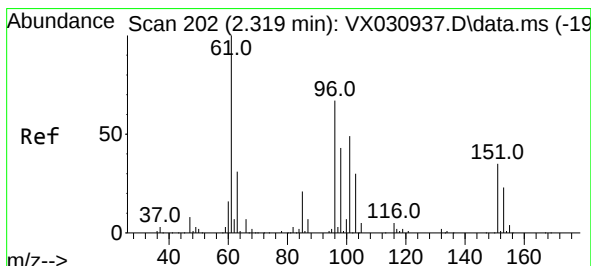
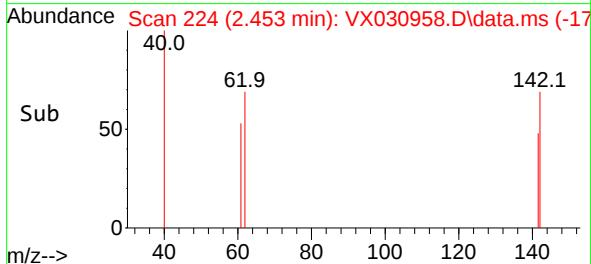
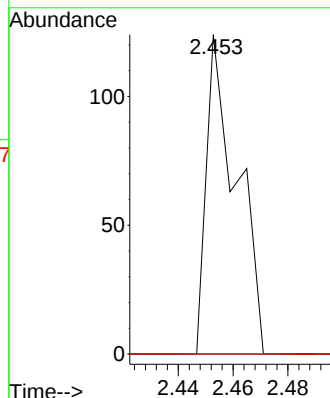
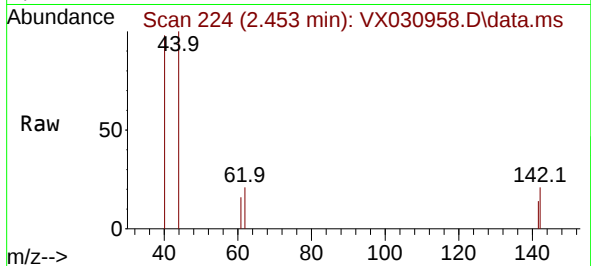




#10
Methyl Iodide
Concen: 4.414 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX030958.D
Acq: 30 Aug 2022 22:52

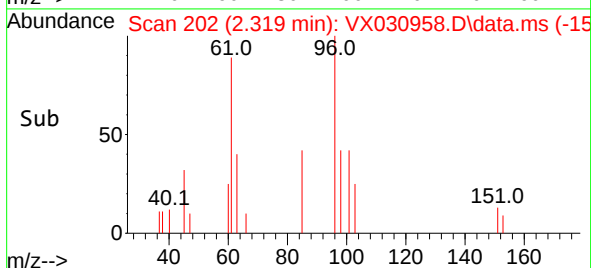
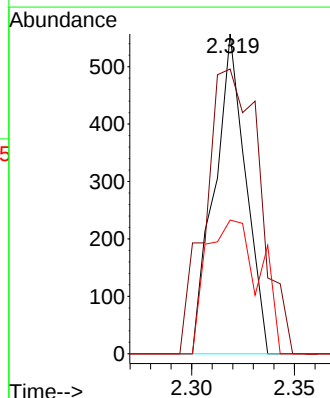
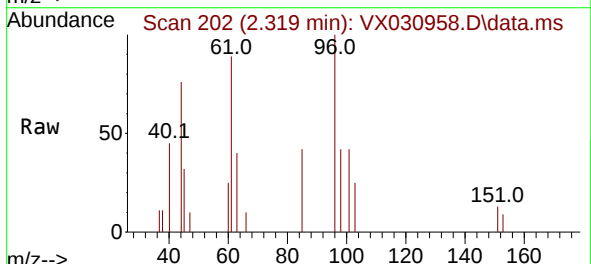
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20220819

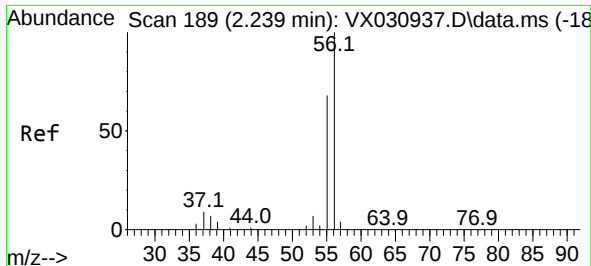
Tgt Ion:142 Resp: 95
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#12
1,1-Dichloroethene
Concen: 0.242 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX030958.D
Acq: 30 Aug 2022 22:52

Tgt Ion: 96 Resp: 587
Ion Ratio Lower Upper
96 100
61 89.0 117.4 176.0#
98 41.8 52.2 78.4#

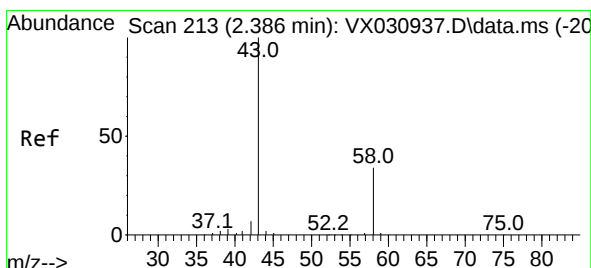
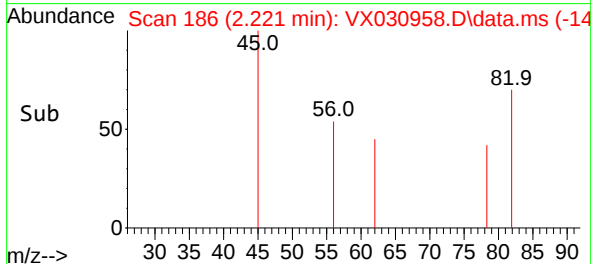
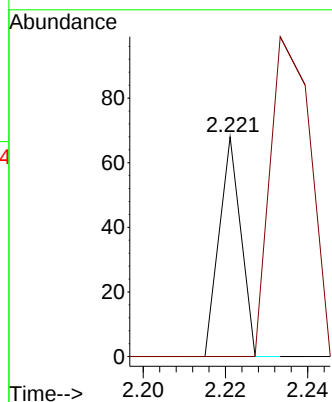
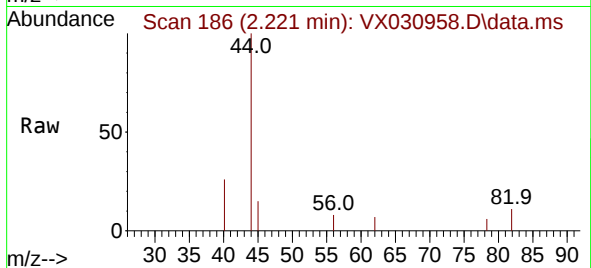




#13
Acrolein
Concen: 7.344 ug/l
RT: 2.221 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX030958.D
Acq: 30 Aug 2022 22:52

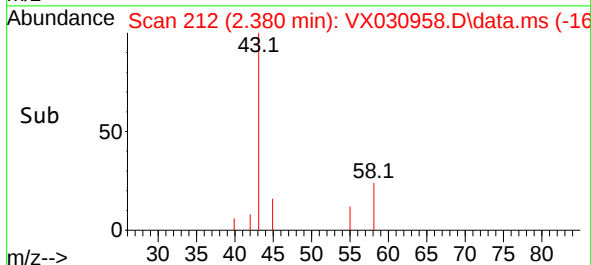
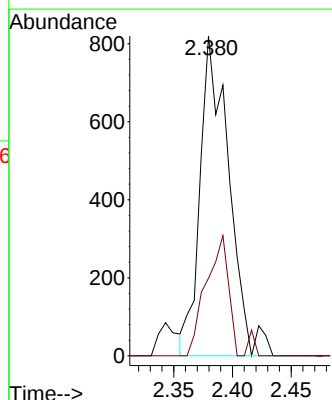
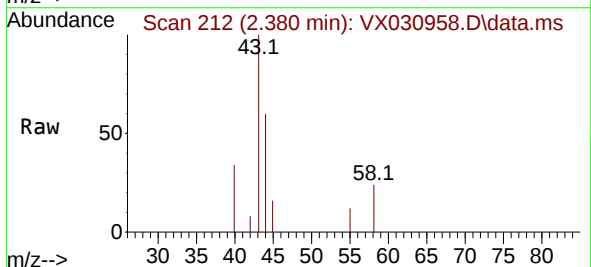
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20220819

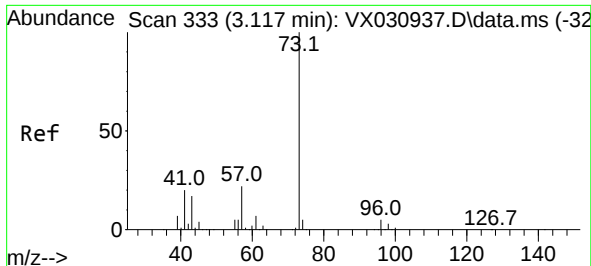
Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 268.0 56.6 84.8#



#16
Acetone
Concen: 1.085 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX030958.D
Acq: 30 Aug 2022 22:52

Tgt Ion: 43 Resp: 1404
Ion Ratio Lower Upper
43 100
58 24.3 27.7 41.5#

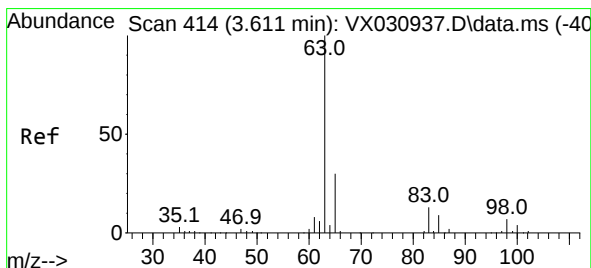
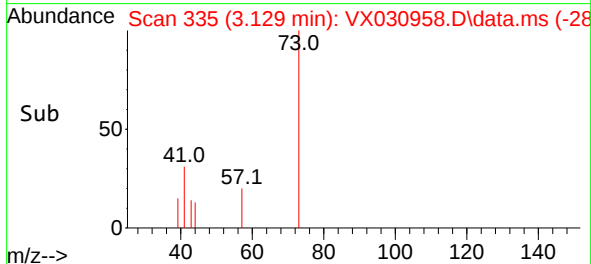
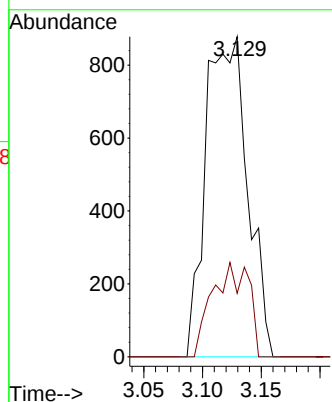
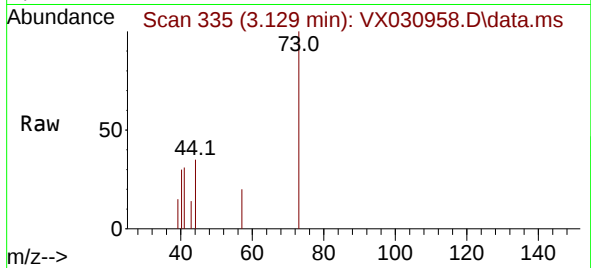




#19
Methyl tert-butyl Ether
Concen: 0.275 ug/l
RT: 3.129 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX030958.D
Acq: 30 Aug 2022 22:52

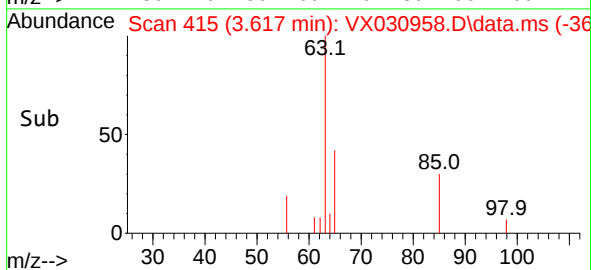
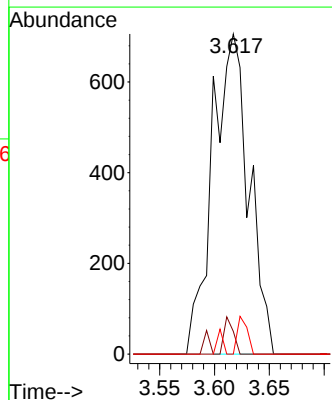
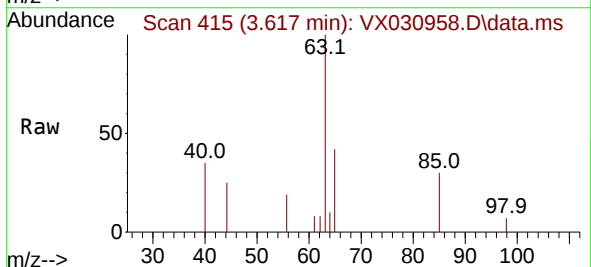
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20220819

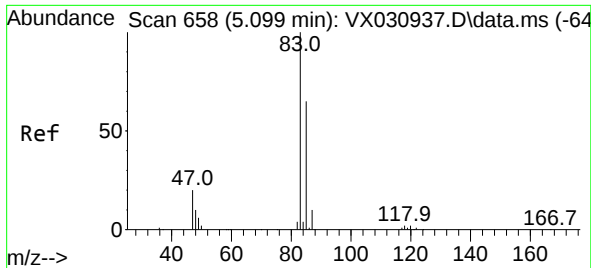
Tgt Ion: 73 Resp: 2173
Ion Ratio Lower Upper
73 100
57 19.8 19.0 28.6



#24
1,1-Dichloroethane
Concen: 0.343 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX030958.D
Acq: 30 Aug 2022 22:52

Tgt Ion: 63 Resp: 1631
Ion Ratio Lower Upper
63 100
98 7.1 3.5 10.5
100 0.0 2.3 6.9#

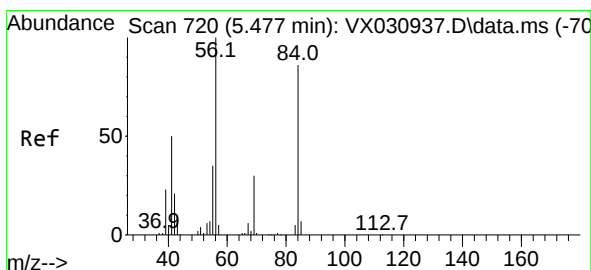
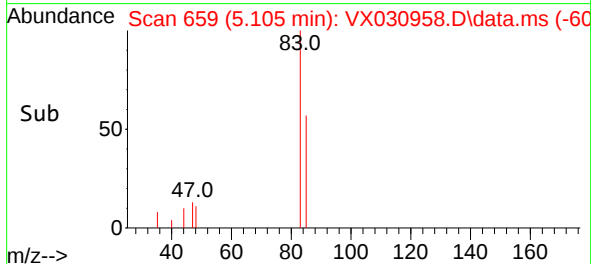
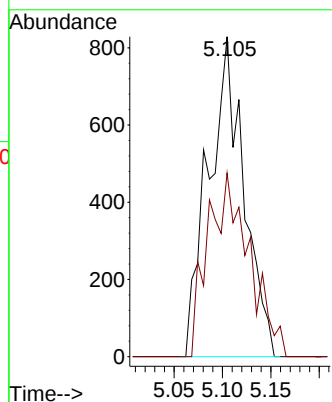
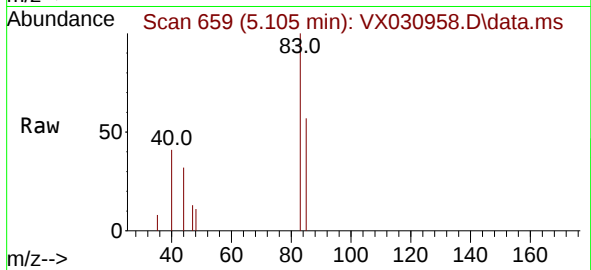




#30
Chloroform
Concen: 0.427 ug/l
RT: 5.105 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX030958.D
Acq: 30 Aug 2022 22:52

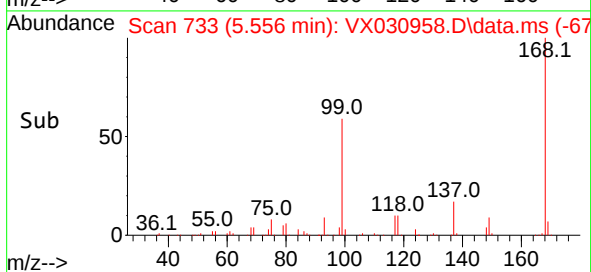
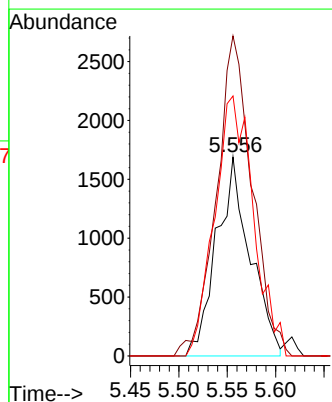
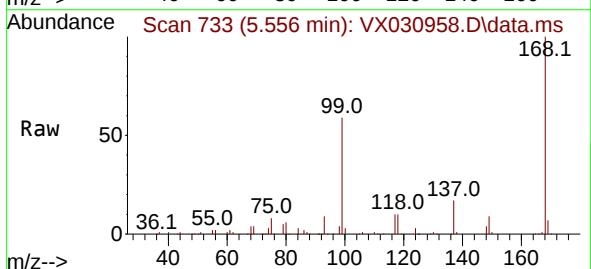
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20220819

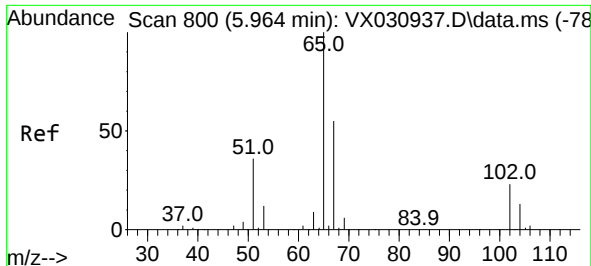
Tgt Ion: 83 Resp: 2108
Ion Ratio Lower Upper
83 100
85 57.4 51.5 77.3



#31
Cyclohexane
Concen: 0.960 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX030958.D
Acq: 30 Aug 2022 22:52

Tgt Ion: 56 Resp: 4076
Ion Ratio Lower Upper
56 100
69 156.1 25.4 38.0#
84 130.7 68.9 103.3#

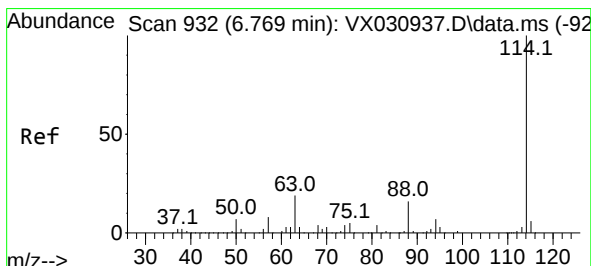
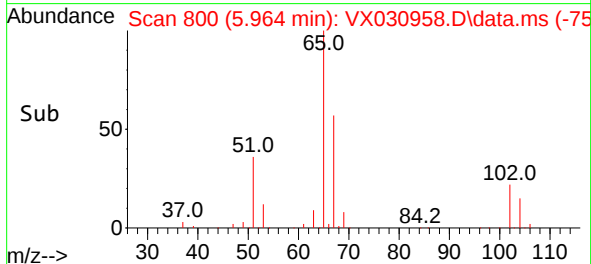
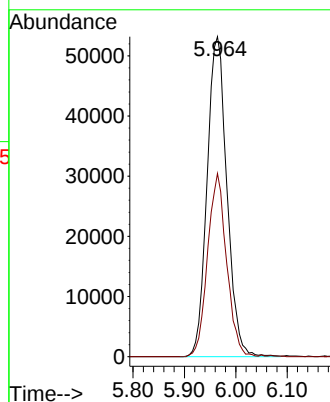
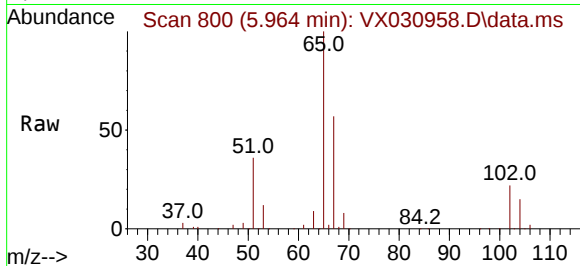




#33
 1,2-Dichloroethane-d4
 Concen: 49.621 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.006 min
 Lab File: VX030958.D
 Acq: 30 Aug 2022 22:52

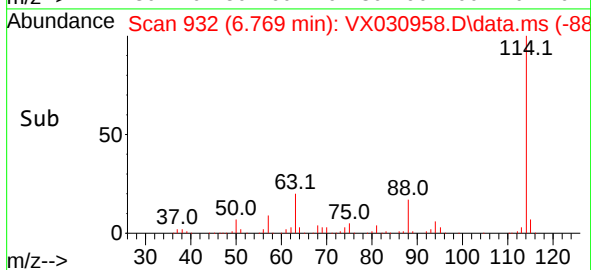
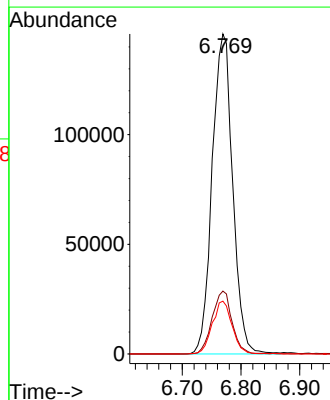
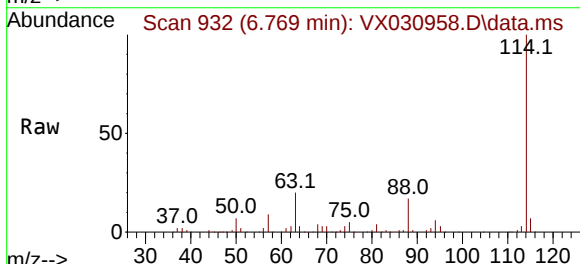
Instrument :
 MSVOA_X
 ClientSampleId :
 TT205S1-20220819

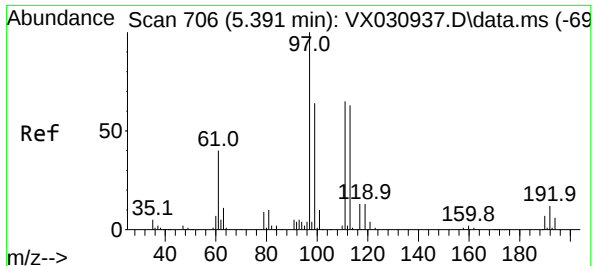
Tgt Ion: 65 Resp: 142327
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX030958.D
 Acq: 30 Aug 2022 22:52

Tgt Ion: 114 Resp: 353265
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.4
 88 16.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.277 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030958.D

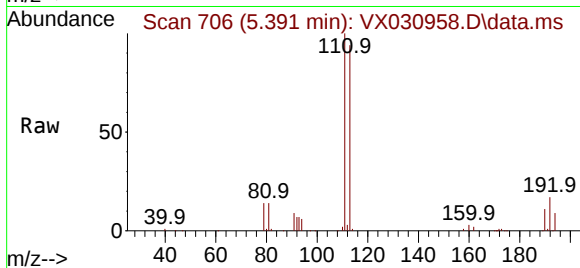
Acq: 30 Aug 2022 22:52

Instrument :

MSVOA_X

ClientSampleId :

TT205S1-20220819



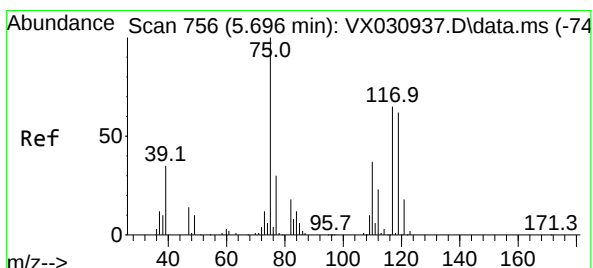
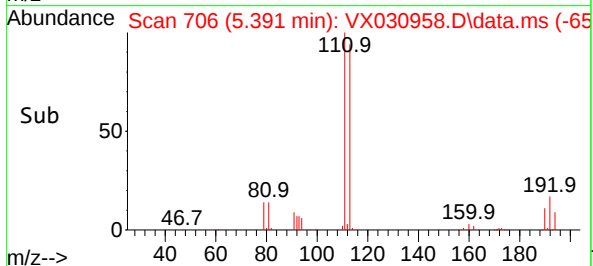
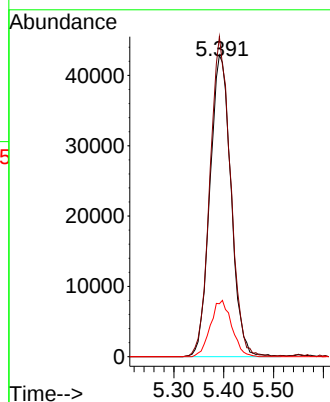
Tgt Ion:113 Resp: 125717

Ion Ratio Lower Upper

113 100

111 103.6 83.2 124.8

192 18.8 14.8 22.2



#36

1,1-Dichloropropene

Concen: 3.894 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX030958.D

Acq: 30 Aug 2022 22:52

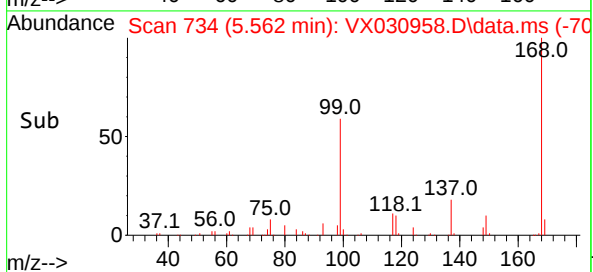
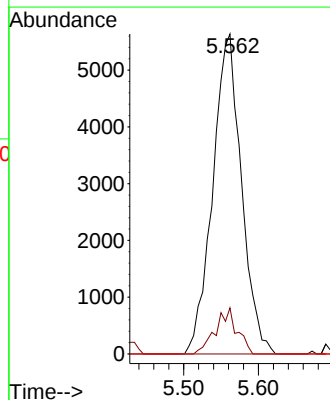
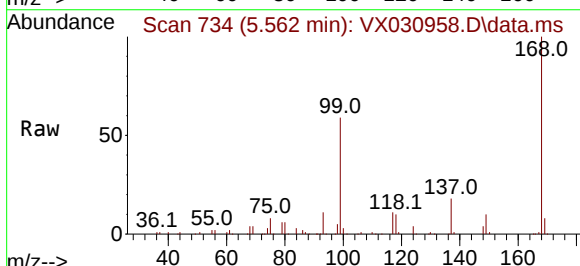
Tgt Ion: 75 Resp: 15072

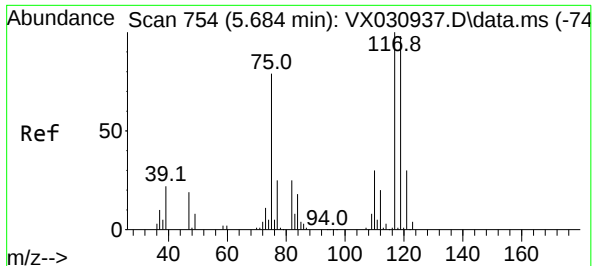
Ion Ratio Lower Upper

75 100

110 10.8 19.3 57.9#

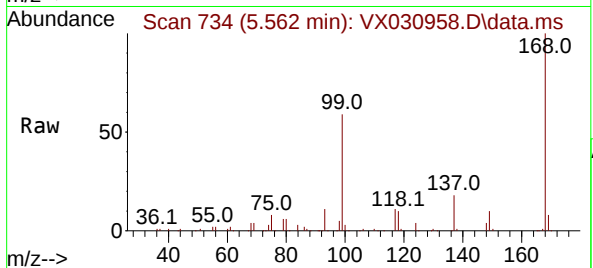
77 0.0 24.4 36.6#



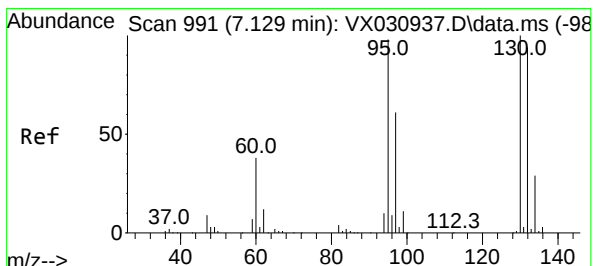
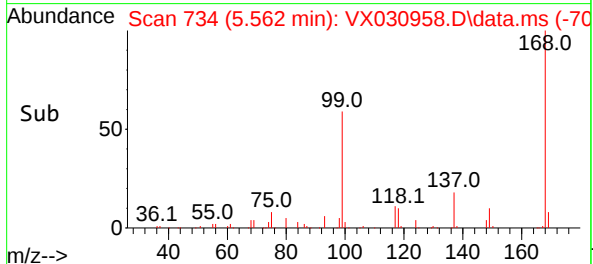
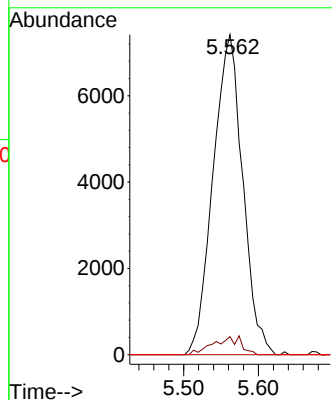


#38
Carbon Tetrachloride
Concen: 5.541 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX030958.D
Acq: 30 Aug 2022 22:52

Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20220819

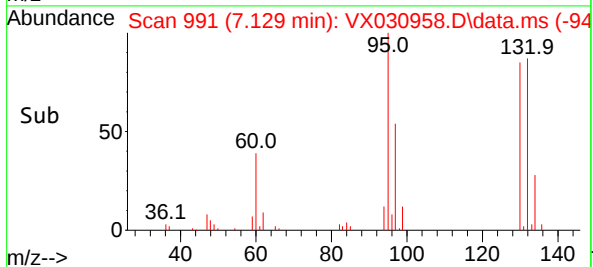
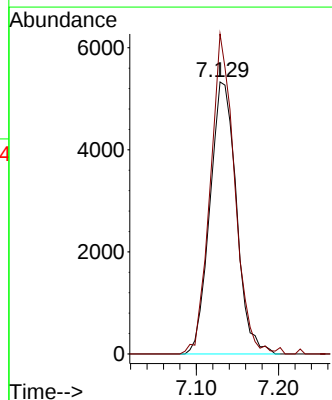
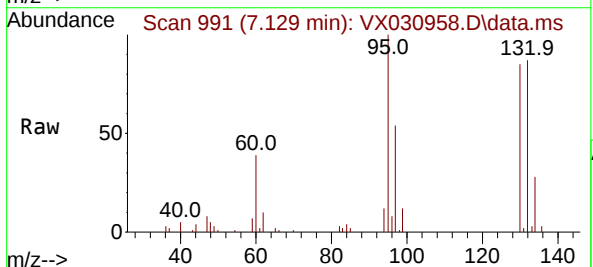


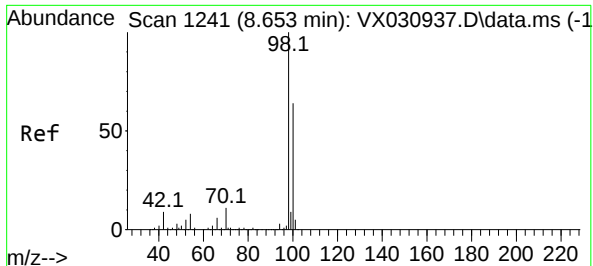
Tgt Ion:117 Resp: 20417
Ion Ratio Lower Upper
117 100
119 5.7 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 3.628 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030958.D
Acq: 30 Aug 2022 22:52

Tgt Ion:130 Resp: 11924
Ion Ratio Lower Upper
130 100
95 117.6 0.0 194.8





#50

Toluene-d8

Concen: 48.817 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX030958.D

Acq: 30 Aug 2022 22:52

Instrument :

MSVOA_X

ClientSampleId :

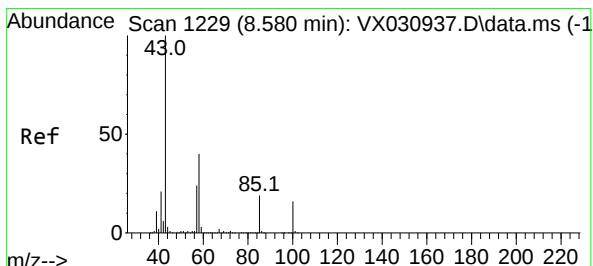
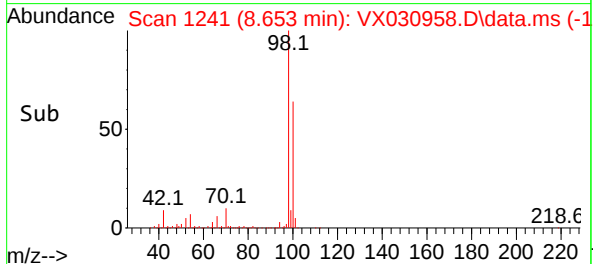
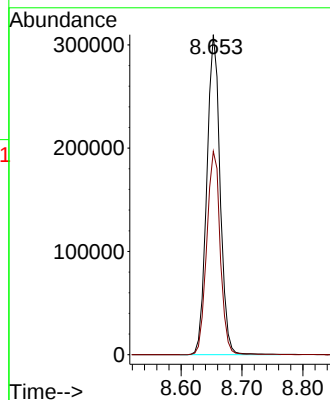
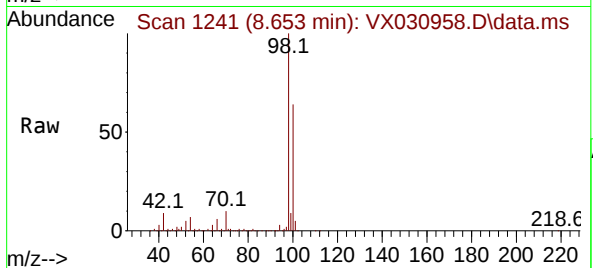
TT205S1-20220819

Tgt Ion: 98 Resp: 470786

Ion Ratio Lower Upper

98 100

100 64.3 52.3 78.5



#51

4-Methyl-2-Pentanone

Concen: 0.429 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX030958.D

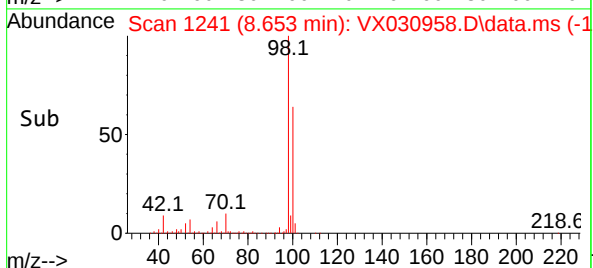
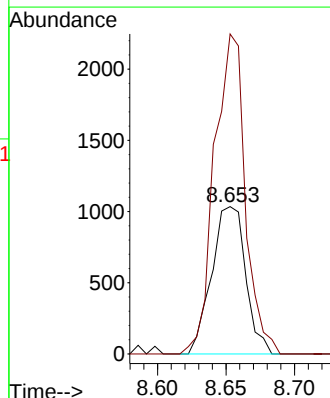
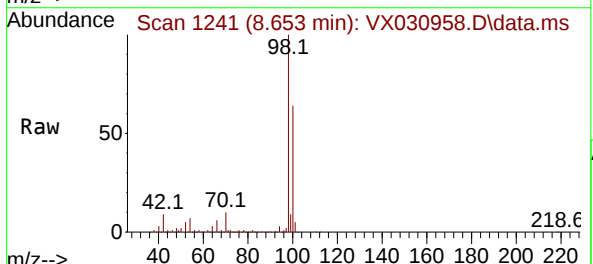
Acq: 30 Aug 2022 22:52

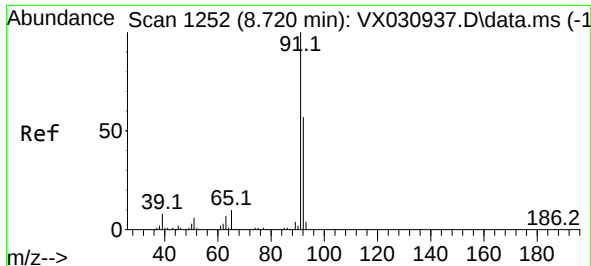
Tgt Ion: 43 Resp: 1787

Ion Ratio Lower Upper

43 100

58 197.0 31.4 47.2#

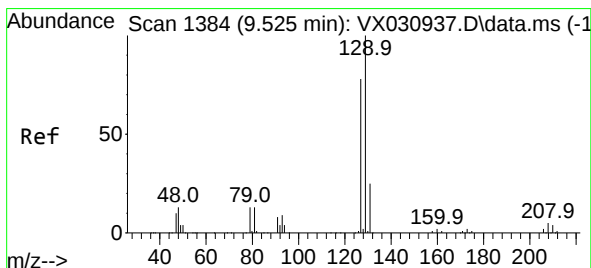
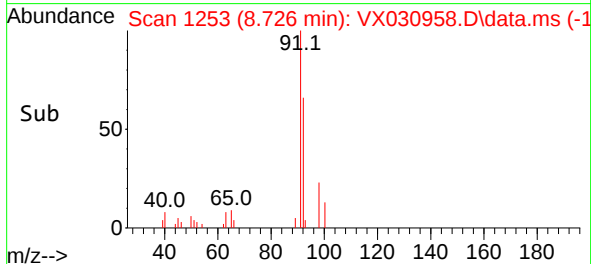
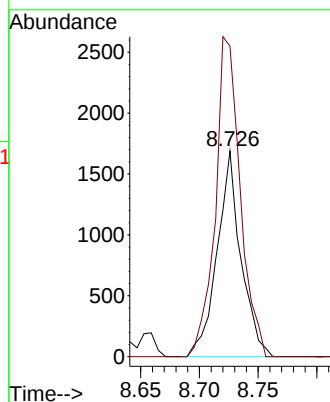
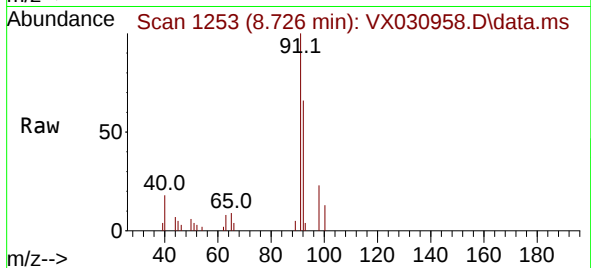




#52
Toluene
Concen: 0.349 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030958.D
Acq: 30 Aug 2022 22:52

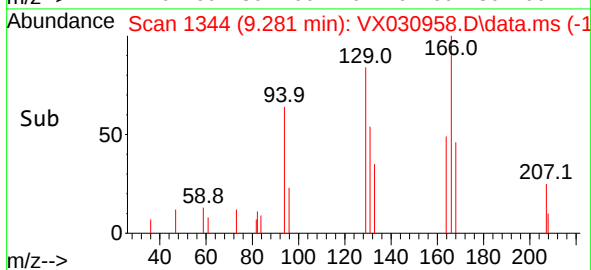
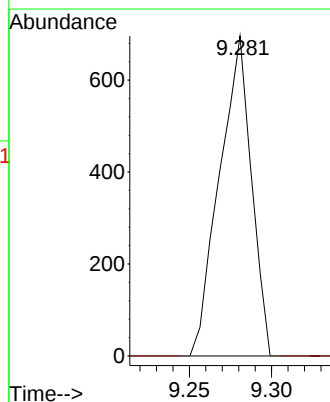
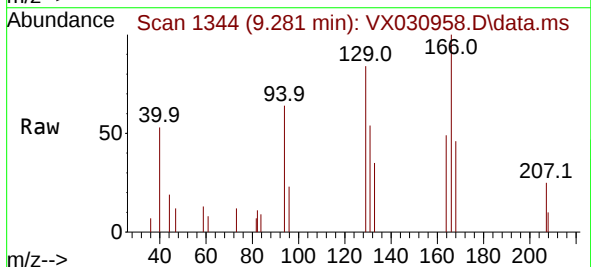
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20220819

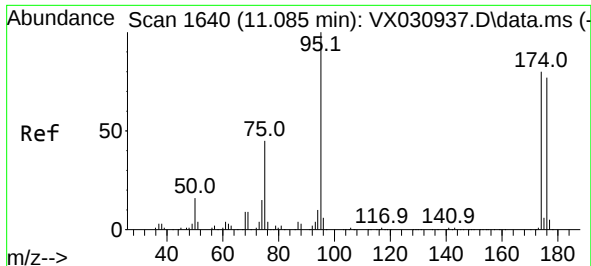
Tgt Ion: 92 Resp: 2381
Ion Ratio Lower Upper
92 100
91 162.7 139.2 208.8



#60
Dibromochloromethane
Concen: 0.319 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX030958.D
Acq: 30 Aug 2022 22:52

Tgt Ion: 129 Resp: 936
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

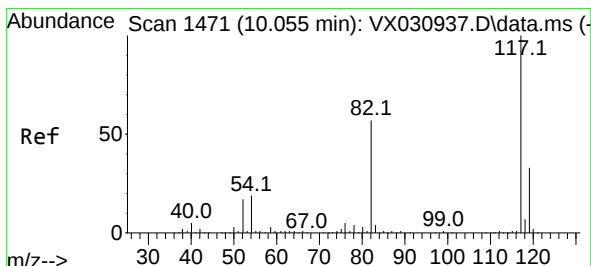
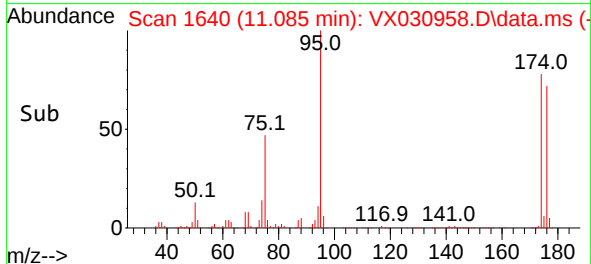
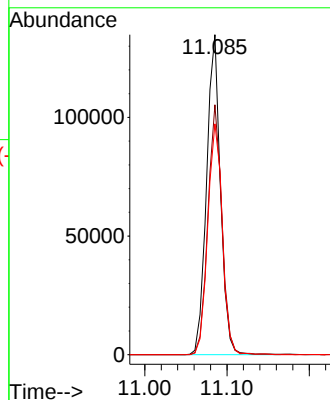
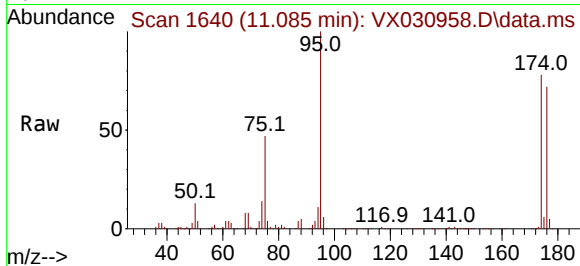




#62
4-Bromofluorobenzene
Concen: 46.095 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030958.D
Acq: 30 Aug 2022 22:52

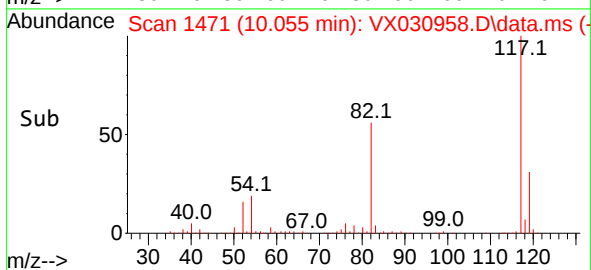
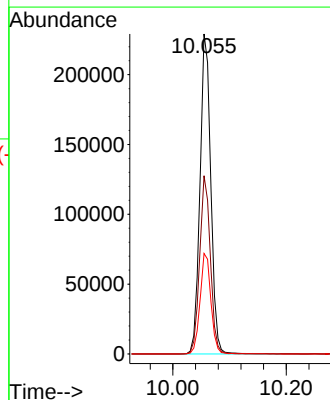
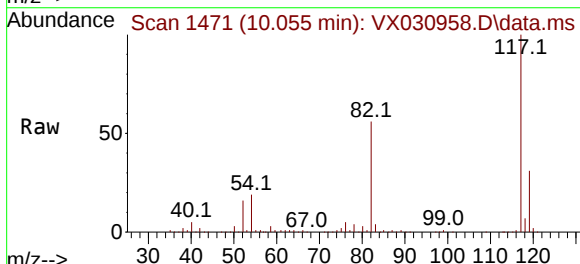
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20220819

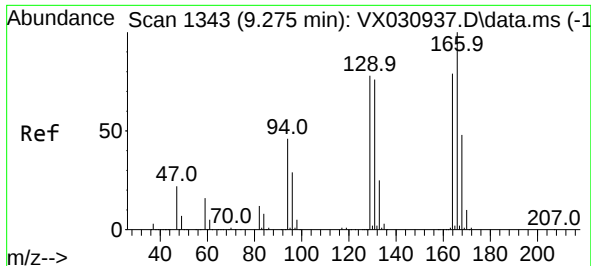
Tgt Ion: 95 Resp: 158300
Ion Ratio Lower Upper
95 100
174 79.3 0.0 149.0
176 75.5 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030958.D
Acq: 30 Aug 2022 22:52

Tgt Ion: 117 Resp: 302060
Ion Ratio Lower Upper
117 100
82 55.7 42.7 64.1
119 31.4 25.4 38.2

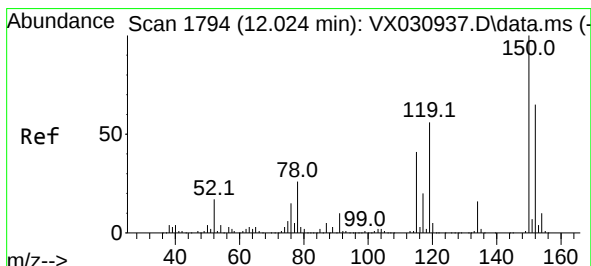
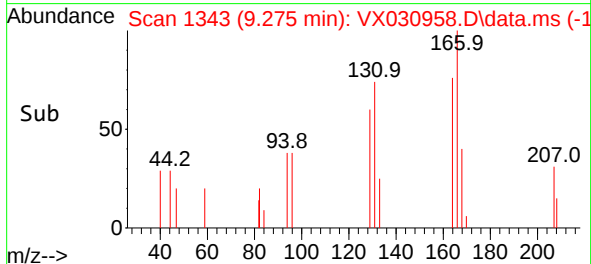
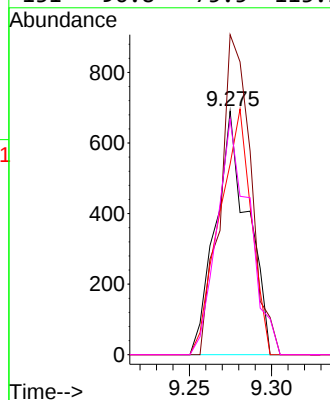
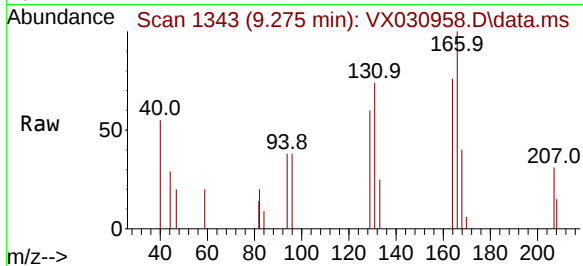




#64
Tetrachloroethene
Concen: 0.327 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030958.D
Acq: 30 Aug 2022 22:52

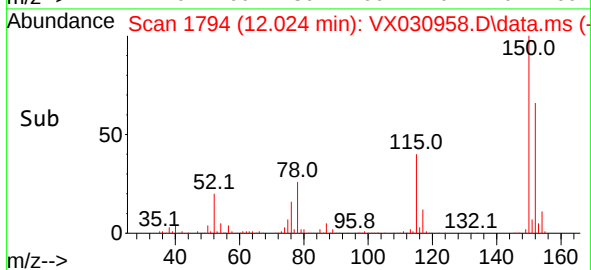
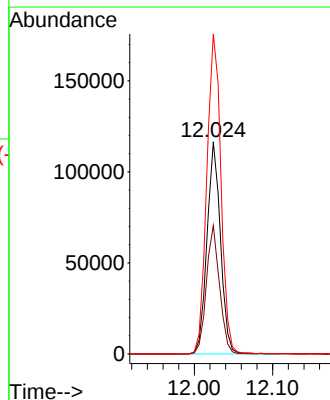
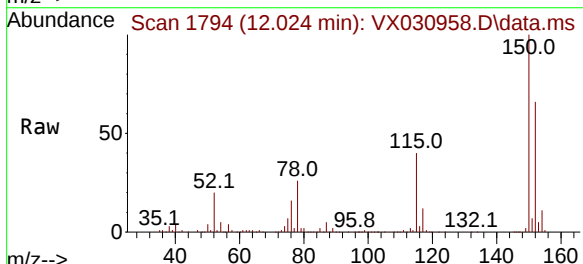
Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20220819

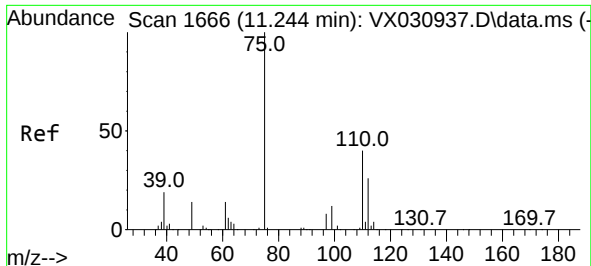
Tgt Ion:164	Resp:	935	
Ion	Ratio	Lower	Upper
164	100		
166	131.4	98.2	147.4
129	78.3	80.8	121.2#
131	96.8	75.5	113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030958.D
Acq: 30 Aug 2022 22:52

Tgt Ion:152	Resp:	138929	
Ion	Ratio	Lower	Upper
152	100		
115	59.2	40.5	121.5
150	158.6	0.0	347.0

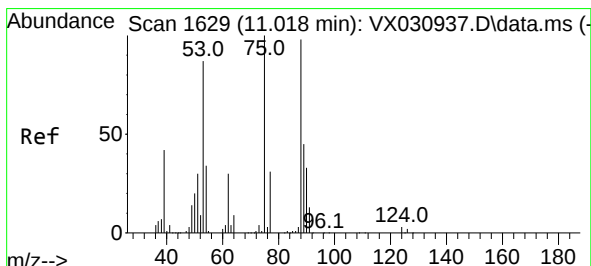
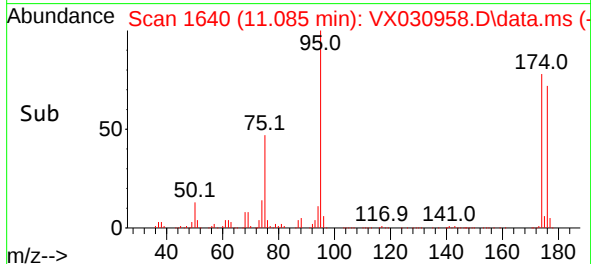
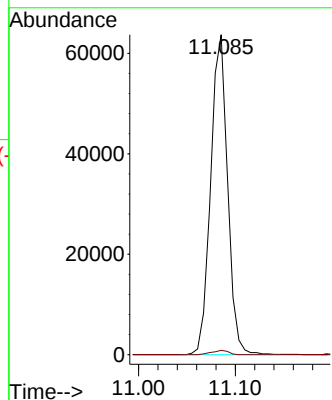
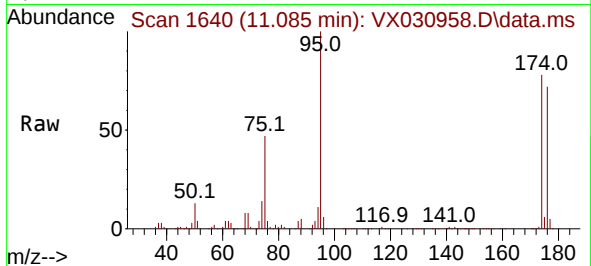




#76
1,2,3-Trichloropropane
Concen: 22.660 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030958.D
Acq: 30 Aug 2022 22:52

Instrument :
MSVOA_X
ClientSampleId :
TT205S1-20220819

Tgt Ion: 75 Resp: 77502
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.370 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX030958.D
Acq: 30 Aug 2022 22:52

Tgt Ion: 75 Resp: 77502
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

