

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071422\
 Data File : VX030065.D
 Acq On : 14 Jul 2022 16:57
 Operator : JC/MD
 Sample : N3705-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-14911-20220711

Quant Time: Jul 15 04:18:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

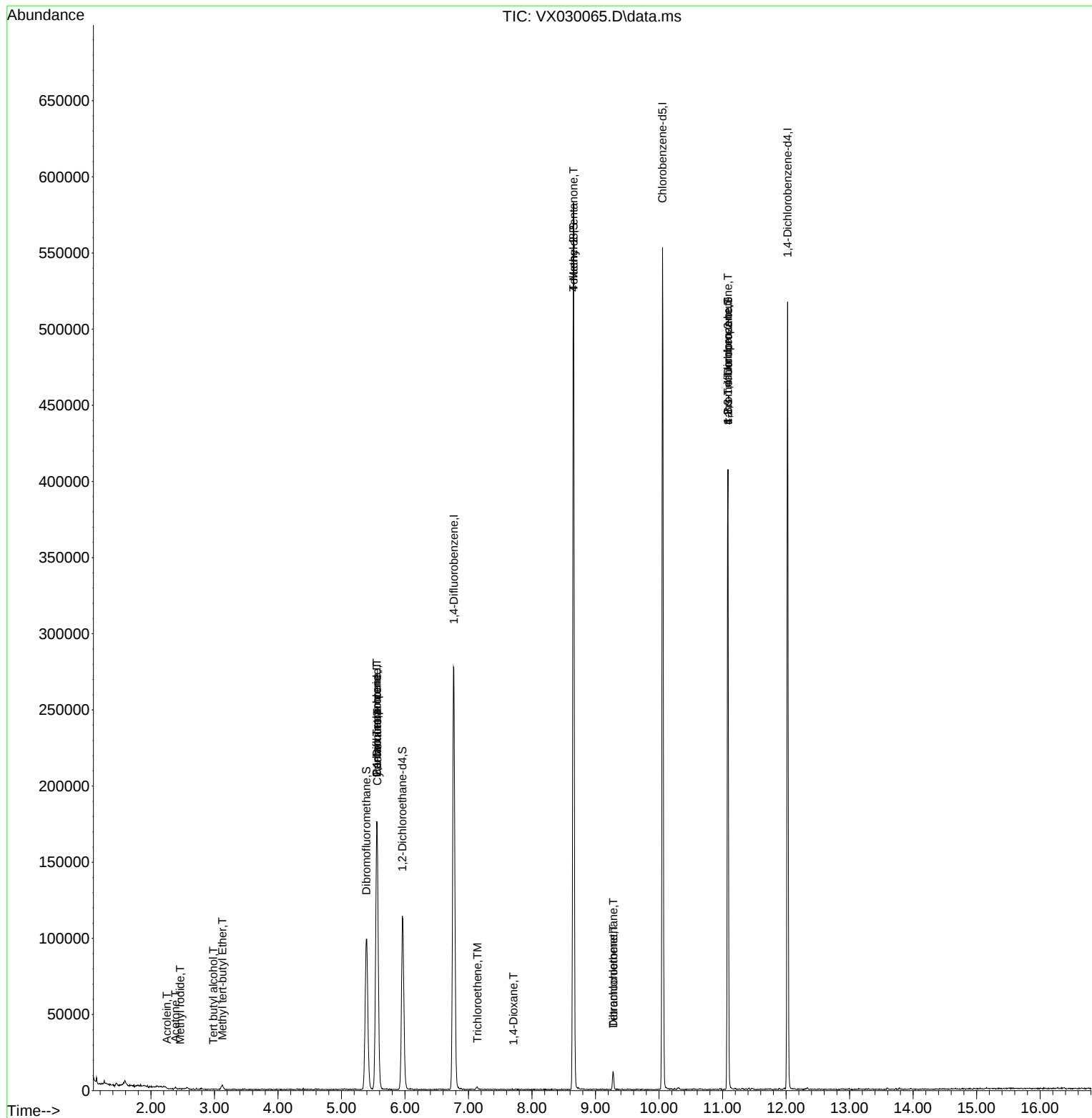
Internal Standards						
1) Pentafluorobenzene	5.556	168	173887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	302238	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	258485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98629	46.600	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.200%
35) Dibromofluoromethane	5.391	113	91384	47.329	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.660%
50) Toluene-d8	8.653	98	339743	46.786	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.580%
62) 4-Bromofluorobenzene	11.085	95	111596	44.284	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	63	Below Cal	#	42
10) Methyl Iodide	2.459	142	545	2.706	ug/l #	75
11) Tert butyl alcohol	2.983	59	345	0.632	ug/l #	74
13) Acrolein	2.251	56	46	0.423	ug/l #	14
16) Acetone	2.386	43	1036	1.039	ug/l	93
17) Carbon Disulfide	2.514	76	814	Below Cal	#	74
19) Methyl tert-butyl Ether	3.123	73	2516	0.449	ug/l #	79
20) Methylene Chloride	2.794	84	291	Below Cal	#	63
31) Cyclohexane	5.562	56	3553	1.158	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	13256	5.315	ug/l #	47
38) Carbon Tetrachloride	5.556	117	15990	6.875	ug/l #	16
44) Trichloroethene	7.141	130	701	0.306	ug/l	85
49) 1,4-Dioxane	7.708	88	65	1.125	ug/l #	25
51) 4-Methyl-2-Pentanone	8.653	43	1485	0.466	ug/l #	1
60) Dibromochloromethane	9.281	129	2178	1.088	ug/l #	11
64) Tetrachloroethene	9.281	164	2461	1.186	ug/l	88
76) 1,2,3-Trichloropropane	11.085	75	52056	20.955	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	52056	60.474	ug/l #	12

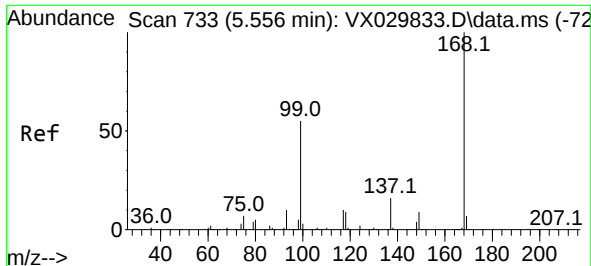
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 13 09:05:23 2022
Response via : Initial Calibration

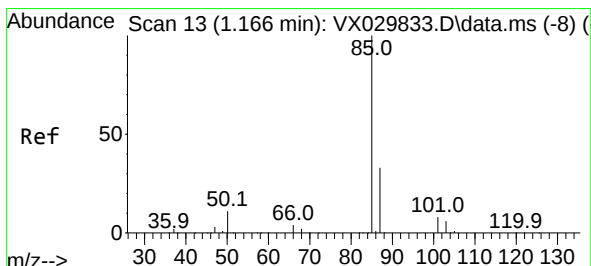
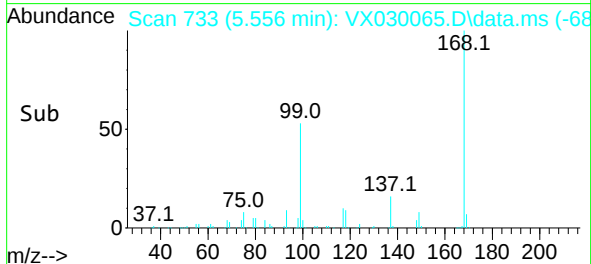
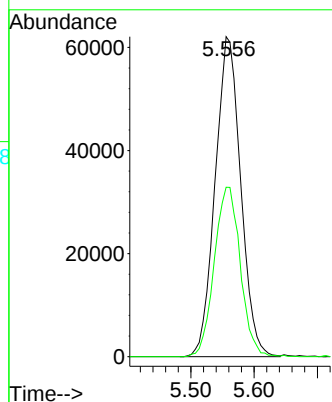
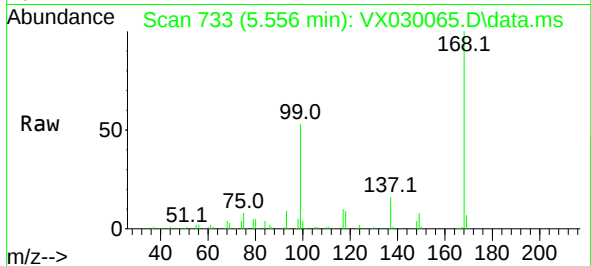




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030065.D
Acq: 14 Jul 2022 16:57

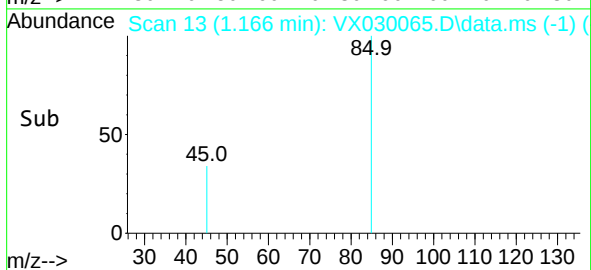
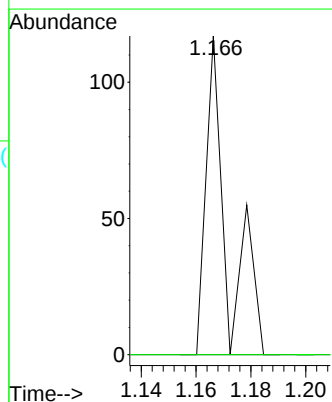
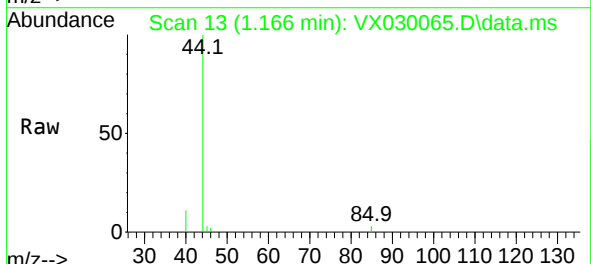
Instrument :
MSVOA_X
ClientSampleId :
TT-14911-20220711

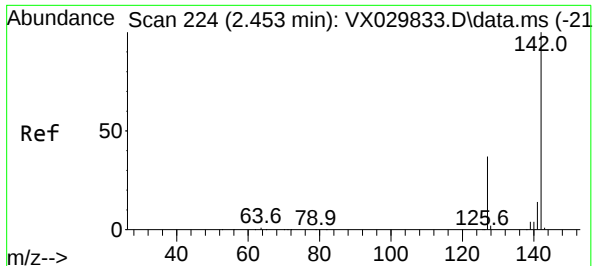
Tgt Ion:168 Resp: 173887
Ion Ratio Lower Upper
168 100
99 52.9 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030065.D
Acq: 14 Jul 2022 16:57

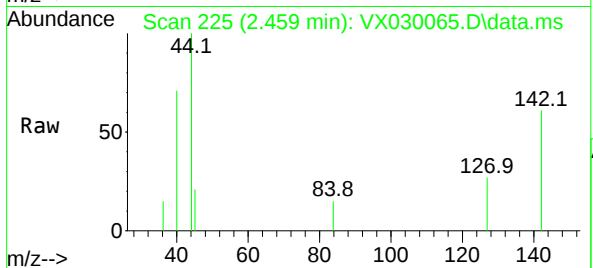
Tgt Ion: 85 Resp: 63
Ion Ratio Lower Upper
85 100
87 0.0 16.5 49.5#



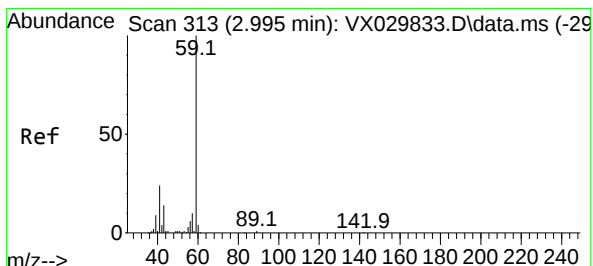
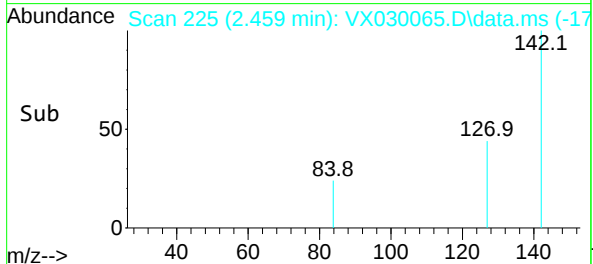
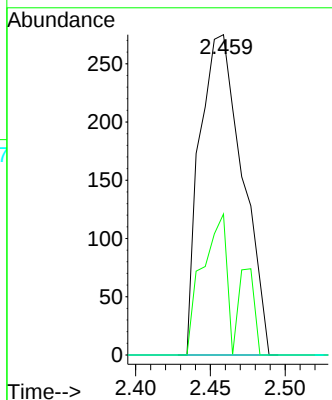


#10
Methyl Iodide
Concen: 2.706 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030065.D
Acq: 14 Jul 2022 16:57

Instrument :
MSVOA_X
ClientSampleId :
TT-14911-20220711

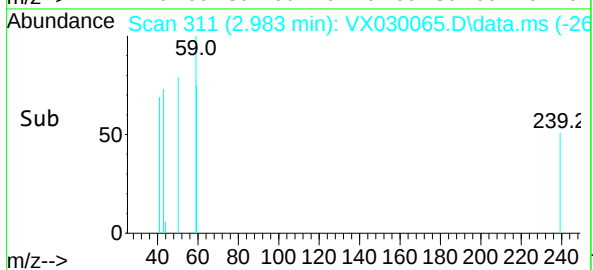
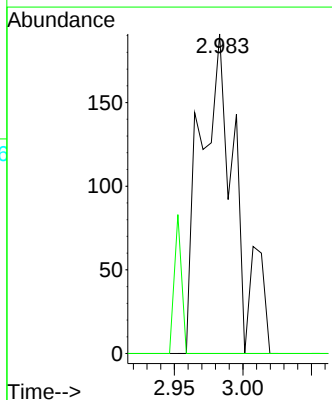
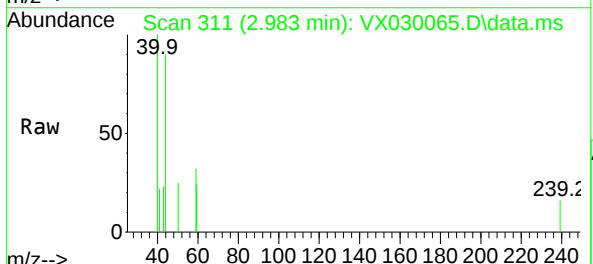


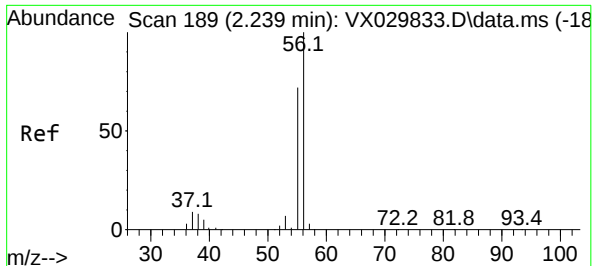
Tgt Ion:142 Resp: 545
Ion Ratio Lower Upper
142 100
127 25.0 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.632 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX030065.D
Acq: 14 Jul 2022 16:57

Tgt Ion: 59 Resp: 345
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

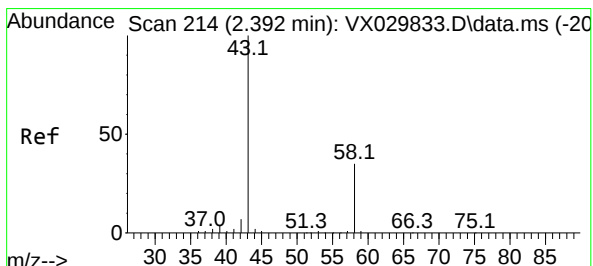
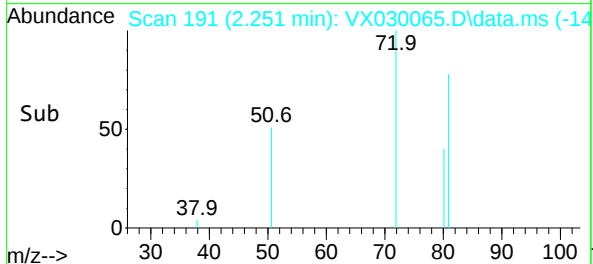
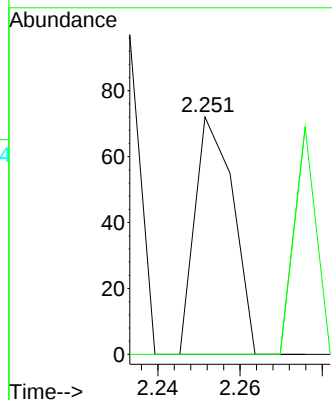
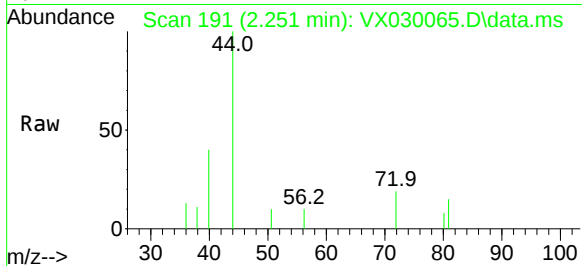




#13
Acrolein
Concen: 0.423 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.012 min
Lab File: VX030065.D
Acq: 14 Jul 2022 16:57

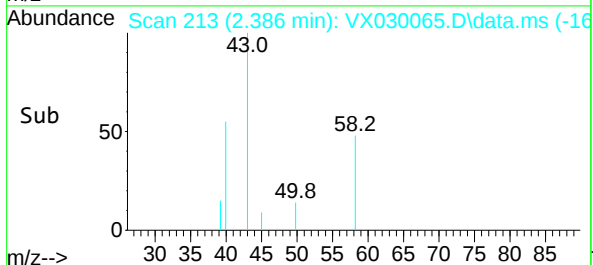
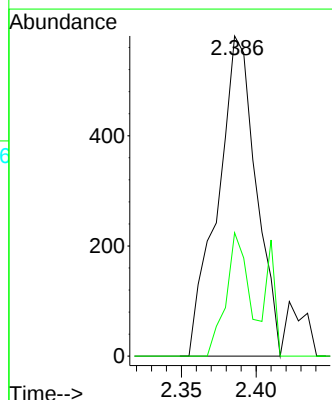
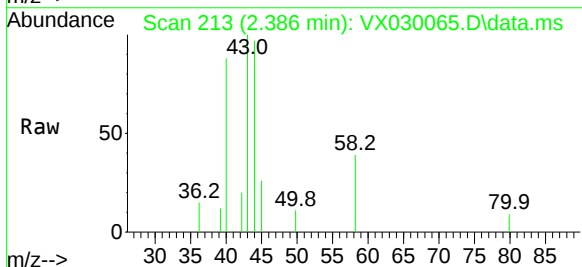
Instrument :
MSVOA_X
ClientSampleId :
TT-14911-20220711

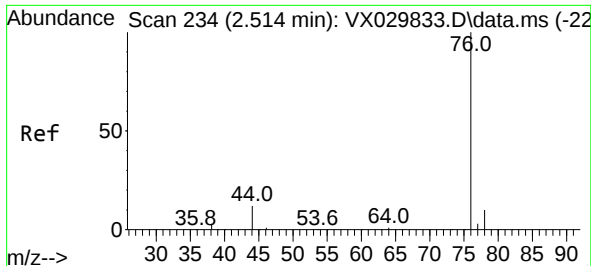
Tgt Ion: 56 Resp: 46
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#16
Acetone
Concen: 1.039 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030065.D
Acq: 14 Jul 2022 16:57

Tgt Ion: 43 Resp: 1036
Ion Ratio Lower Upper
43 100
58 38.6 27.7 41.5

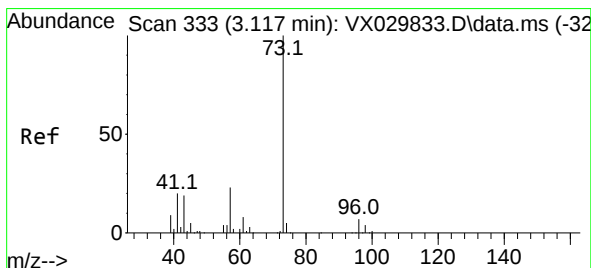
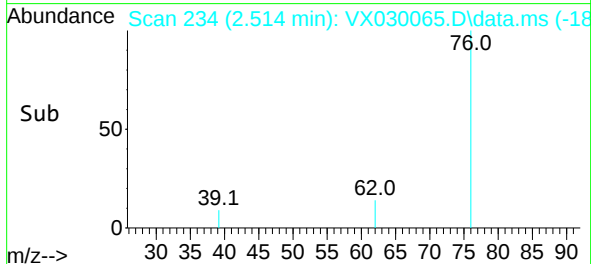
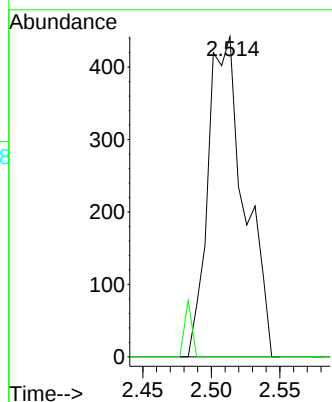
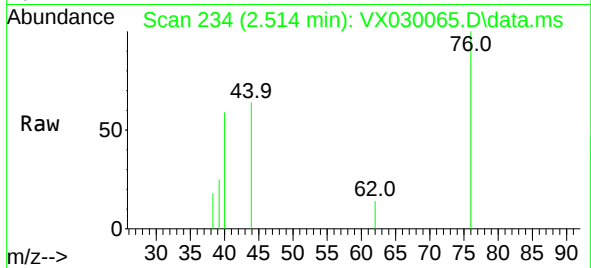




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX030065.D
Acq: 14 Jul 2022 16:57

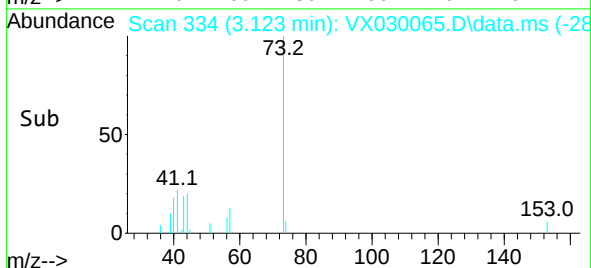
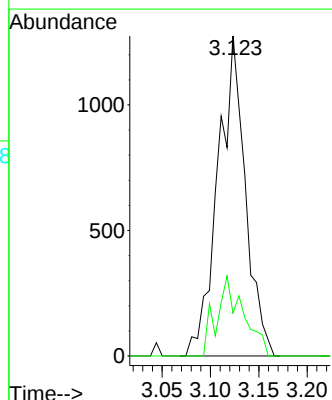
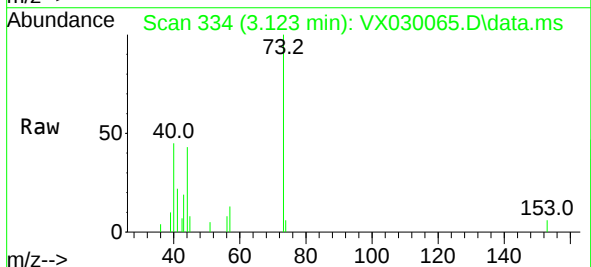
Instrument :
MSVOA_X
ClientSampleId :
TT-14911-20220711

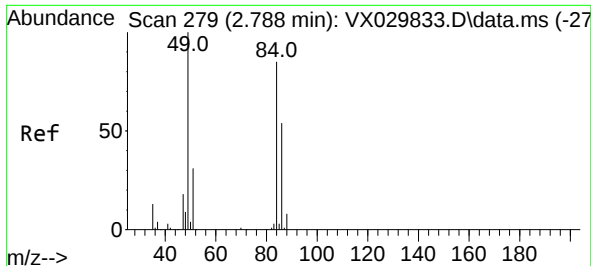
Tgt Ion: 76 Resp: 814
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#19
Methyl tert-butyl Ether
Concen: 0.449 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX030065.D
Acq: 14 Jul 2022 16:57

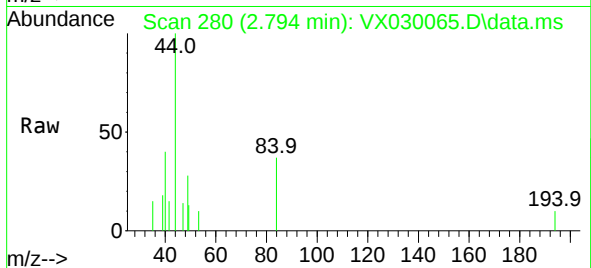
Tgt Ion: 73 Resp: 2516
Ion Ratio Lower Upper
73 100
57 13.4 19.0 28.6#



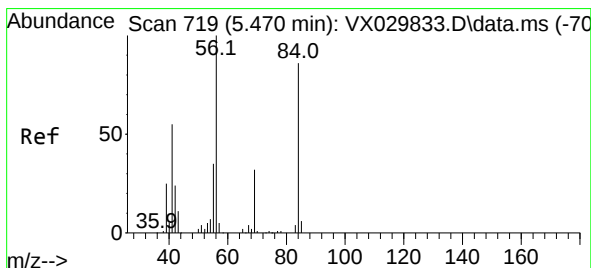
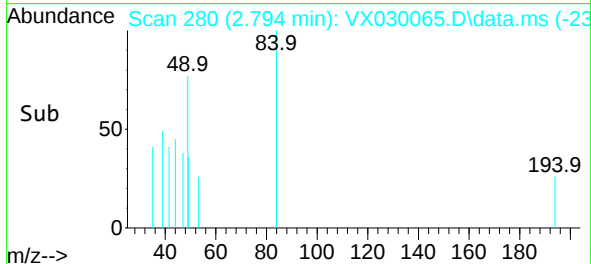
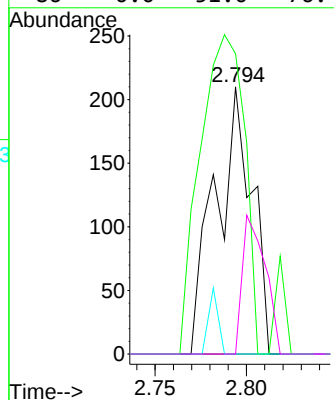


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030065.D
Acq: 14 Jul 2022 16:57

Instrument :
MSVOA_X
ClientSampleId :
TT-14911-20220711

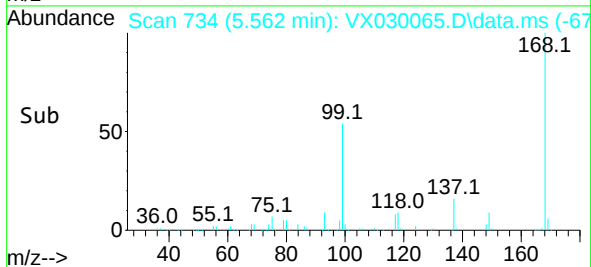
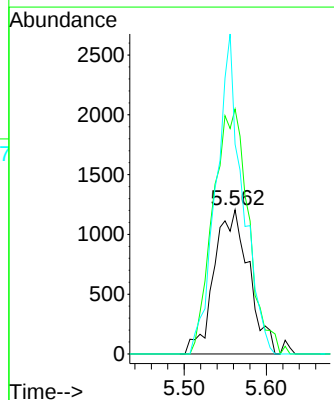
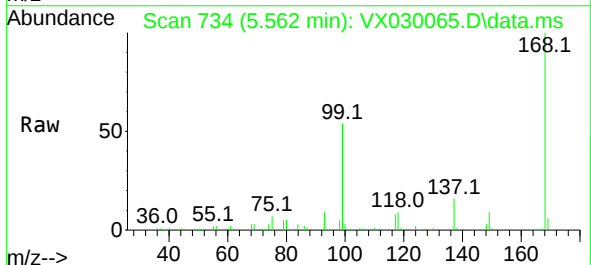


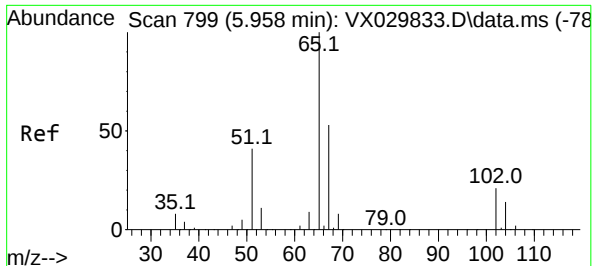
Tgt Ion: 84	Resp: 291
Ion Ratio	Lower Upper
84 100	
49 112.4	93.8 140.6
51 0.0	29.4 44.0#
86 0.0	51.0 76.4#



#31
Cyclohexane
Concen: 1.158 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.092 min
Lab File: VX030065.D
Acq: 14 Jul 2022 16:57

Tgt Ion: 56	Resp: 3553
Ion Ratio	Lower Upper
56 100	
69 169.9	25.4 38.0#
84 145.4	68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 46.600 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX030065.D

Acq: 14 Jul 2022 16:57

Instrument :

MSVOA_X

ClientSampleId :

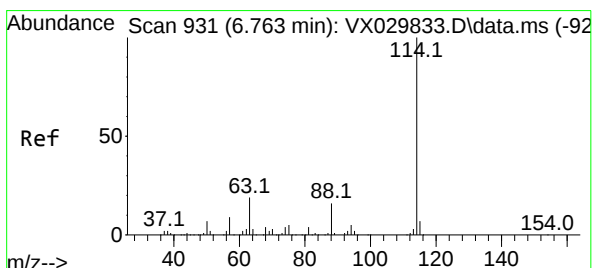
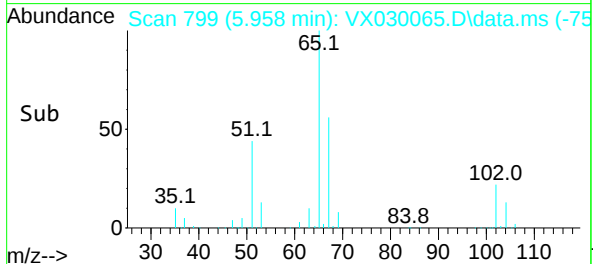
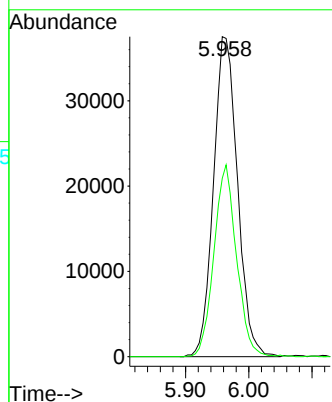
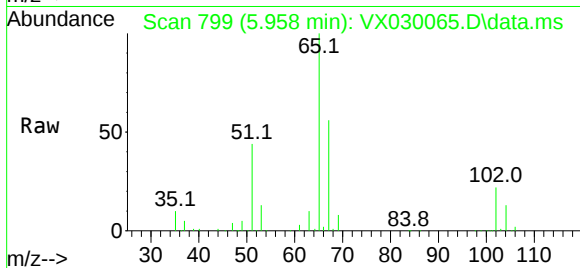
TT-14911-20220711

Tgt Ion: 65 Resp: 98629

Ion Ratio Lower Upper

65 100

67 56.4 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: VX030065.D

Acq: 14 Jul 2022 16:57

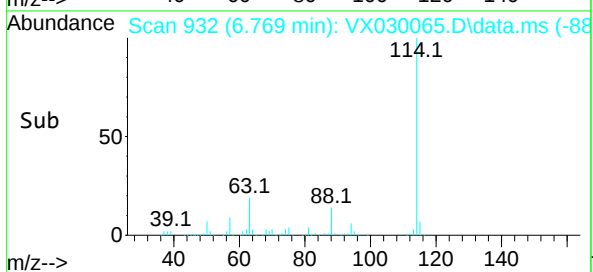
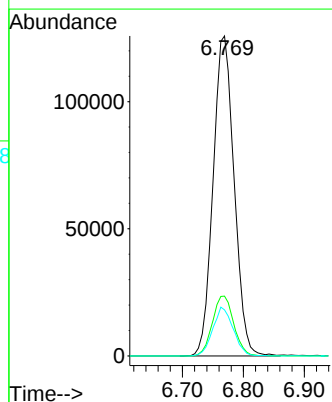
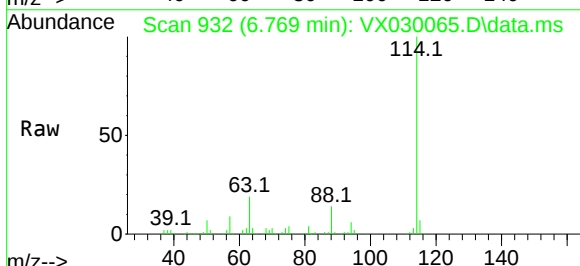
Tgt Ion: 114 Resp: 302238

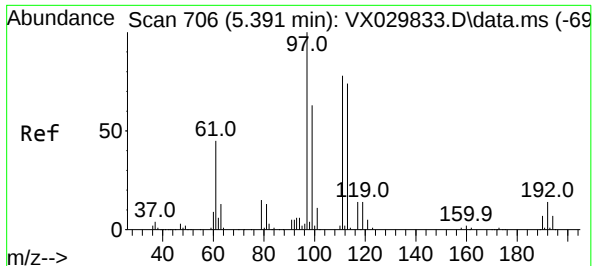
Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.4

88 14.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.329 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030065.D

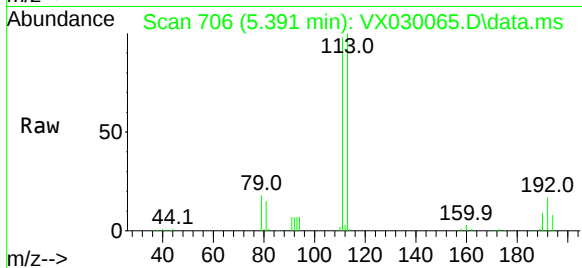
Acq: 14 Jul 2022 16:57

Instrument :

MSVOA_X

ClientSampleId :

TT-14911-20220711



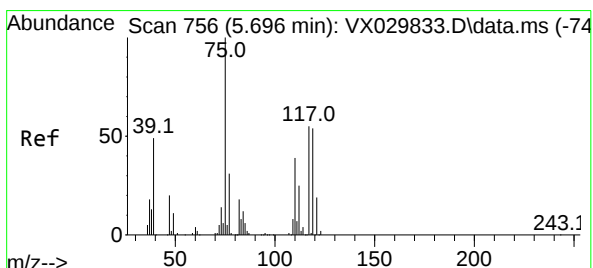
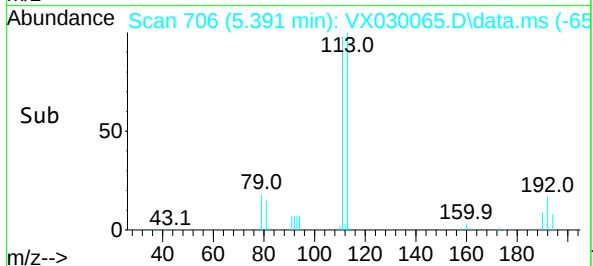
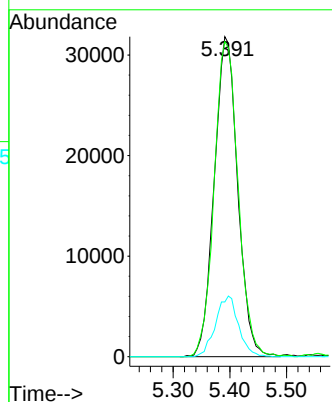
Tgt Ion:113 Resp: 91384

Ion Ratio Lower Upper

113 100

111 100.5 83.2 124.8

192 18.6 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.315 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX030065.D

Acq: 14 Jul 2022 16:57

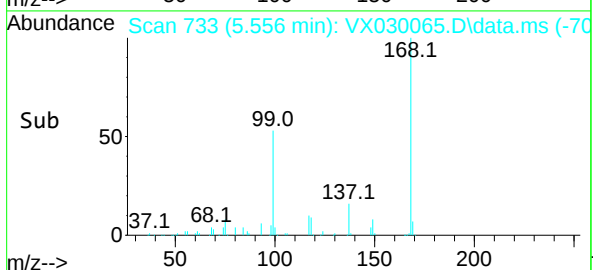
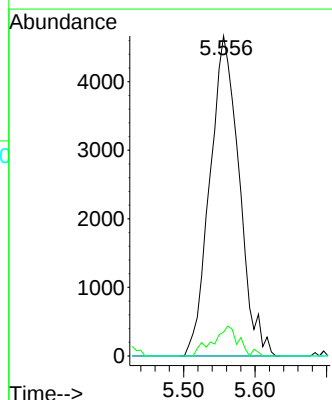
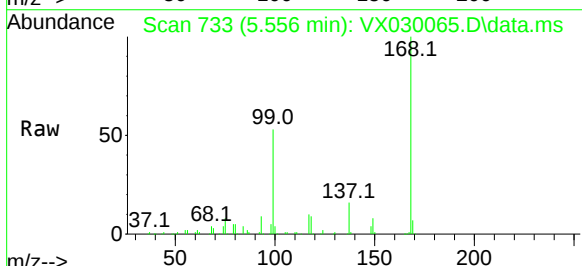
Tgt Ion: 75 Resp: 13256

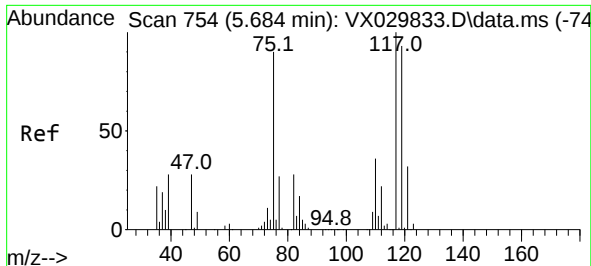
Ion Ratio Lower Upper

75 100

110 7.8 19.3 57.9#

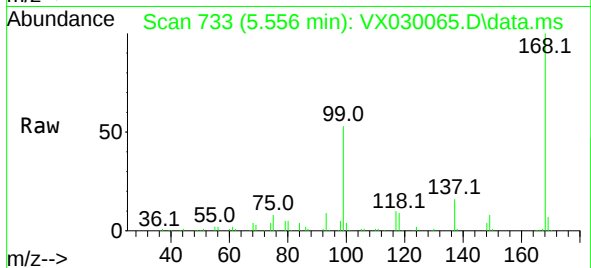
77 0.0 24.4 36.6#



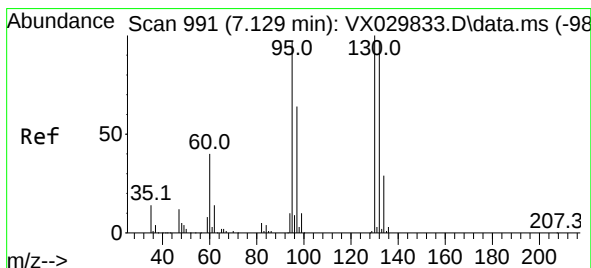
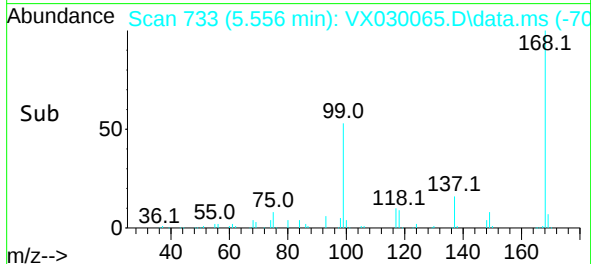
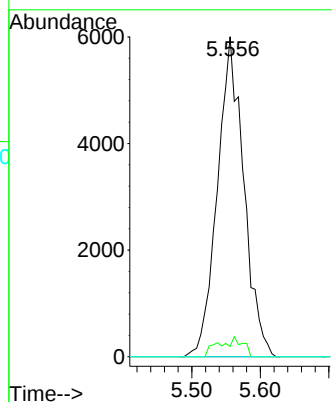


#38
Carbon Tetrachloride
Concen: 6.875 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX030065.D
Acq: 14 Jul 2022 16:57

Instrument :
MSVOA_X
ClientSampleId :
TT-14911-20220711

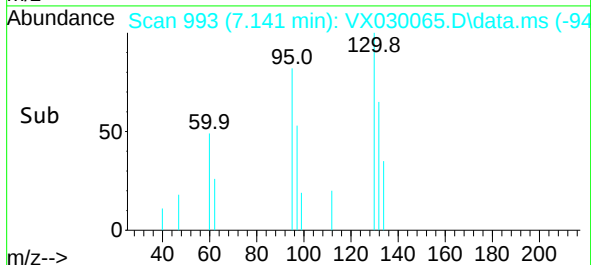
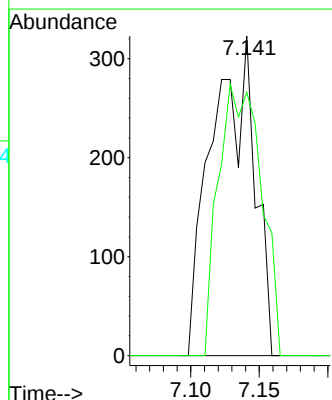
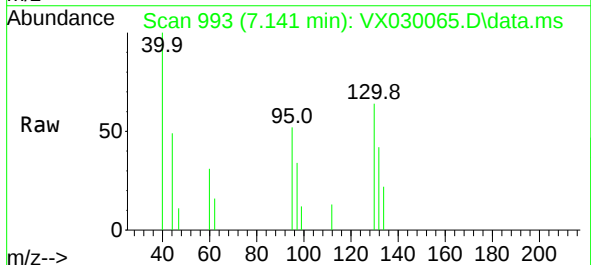


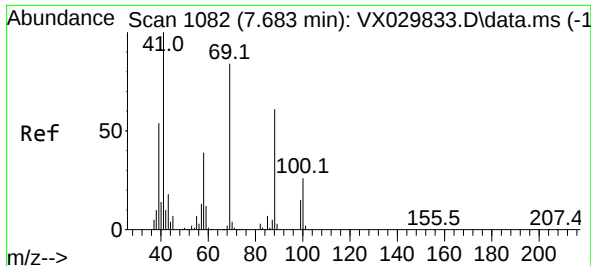
Tgt Ion:117 Resp: 15990
Ion Ratio Lower Upper
117 100
119 3.2 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.306 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX030065.D
Acq: 14 Jul 2022 16:57

Tgt Ion:130 Resp: 701
Ion Ratio Lower Upper
130 100
95 82.4 0.0 194.8





#49

1,4-Dioxane

Concen: 1.125 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. 0.025 min

Lab File: VX030065.D

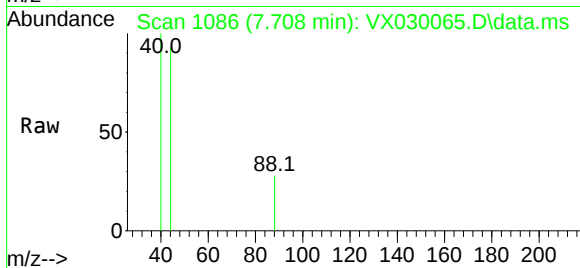
Acq: 14 Jul 2022 16:57

Instrument :

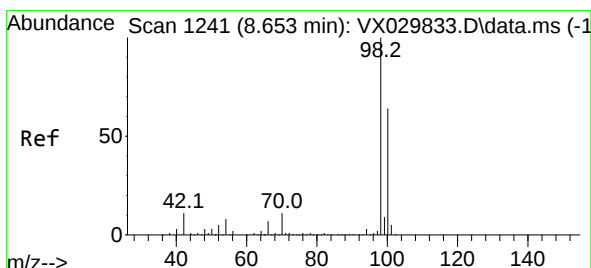
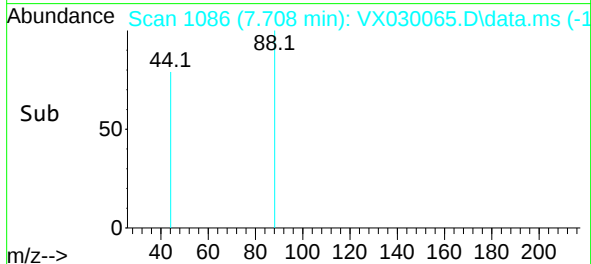
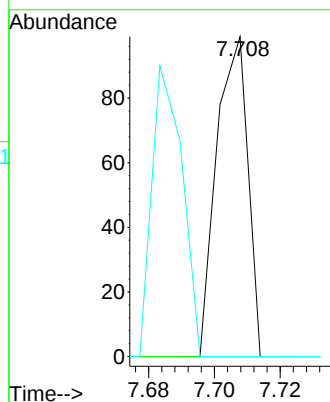
MSVOA_X

ClientSampleId :

TT-14911-20220711



Tgt Ion:	88	Resp:	65
Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.8	35.8#
58	0.0	53.8	80.6#



#50

Toluene-d8

Concen: 46.786 ug/l

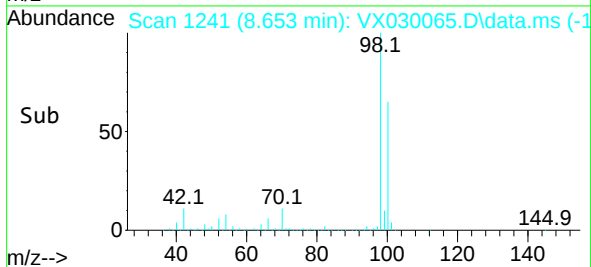
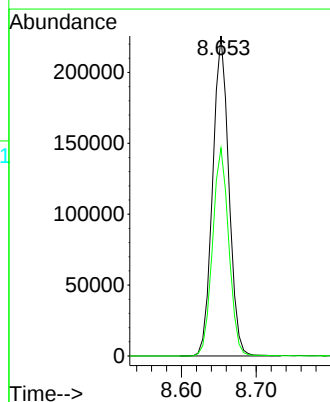
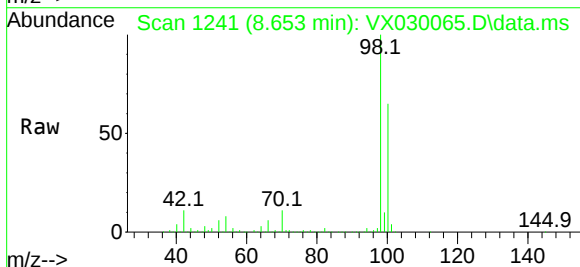
RT: 8.653 min Scan# 1241

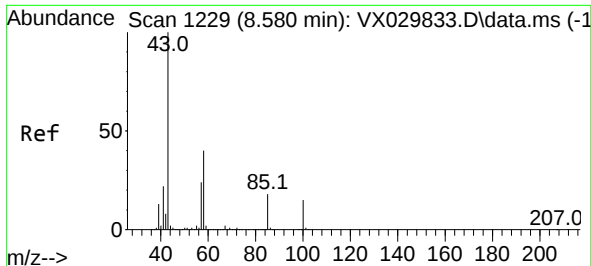
Delta R.T. -0.000 min

Lab File: VX030065.D

Acq: 14 Jul 2022 16:57

Tgt Ion:	98	Resp:	339743
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 0.466 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX030065.D

Acq: 14 Jul 2022 16:57

Instrument :

MSVOA_X

ClientSampleId :

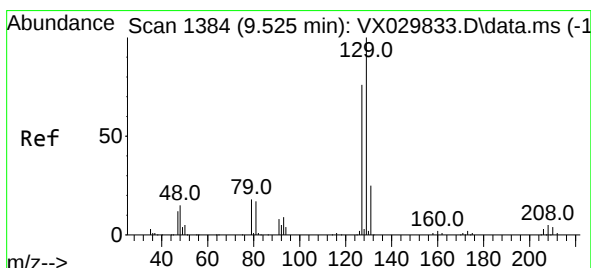
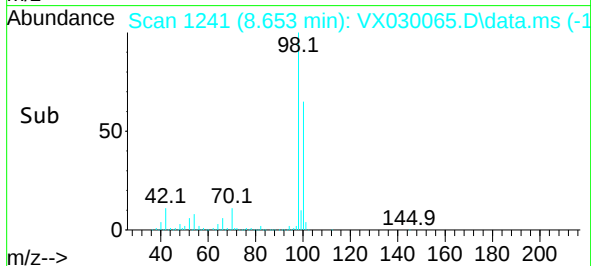
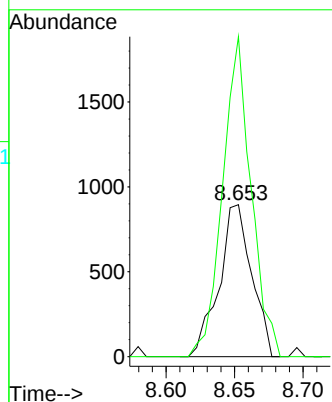
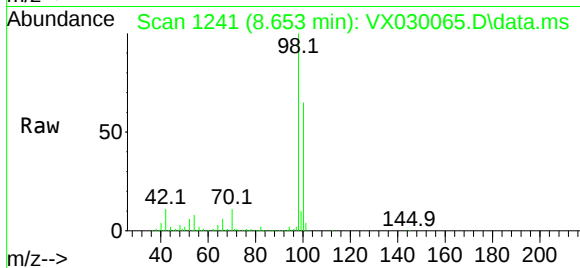
TT-14911-20220711

Tgt Ion: 43 Resp: 1485

Ion Ratio Lower Upper

43 100

58 183.8 31.4 47.2#



#60

Dibromochloromethane

Concen: 1.088 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. -0.244 min

Lab File: VX030065.D

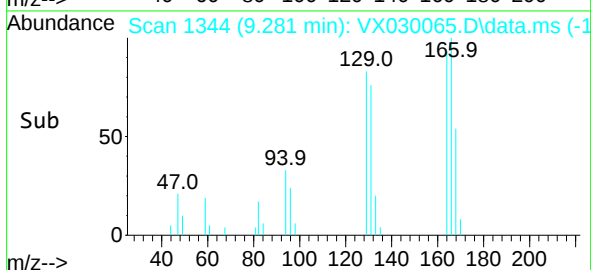
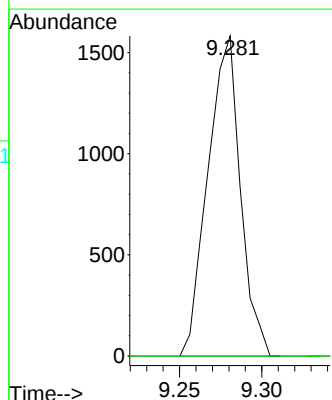
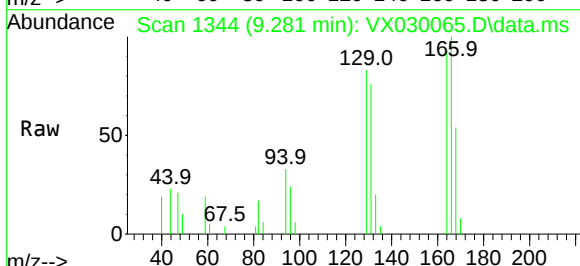
Acq: 14 Jul 2022 16:57

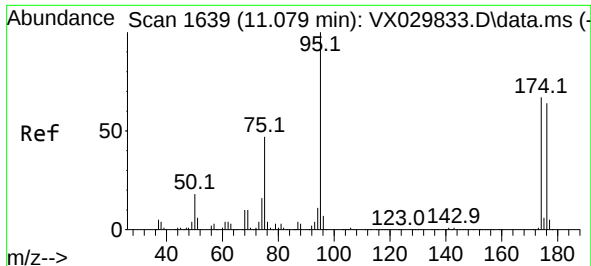
Tgt Ion: 129 Resp: 2178

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.5#

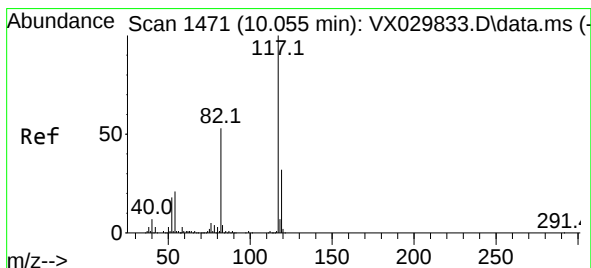
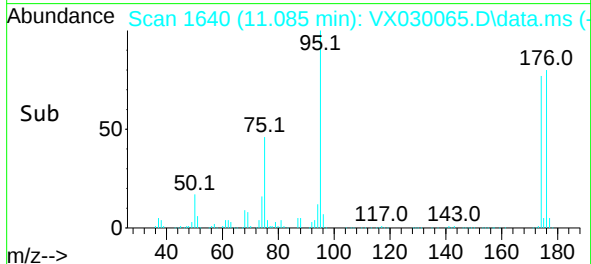
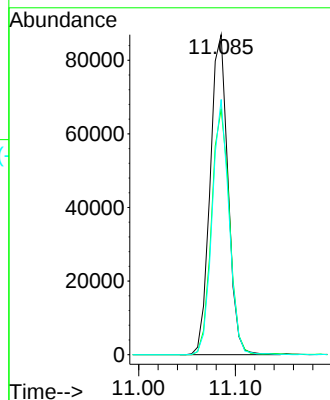
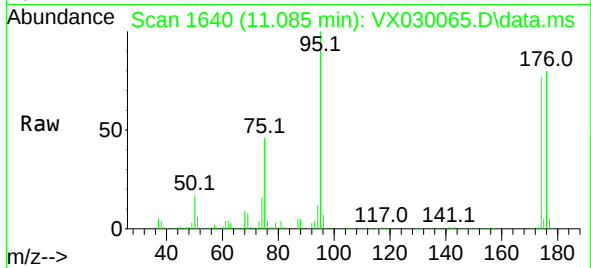




#62
4-Bromofluorobenzene
Concen: 44.284 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX030065.D
Acq: 14 Jul 2022 16:57

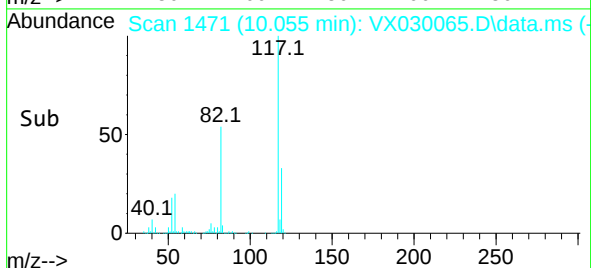
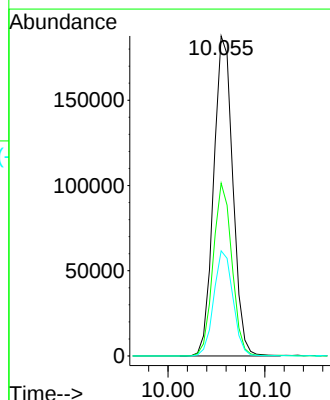
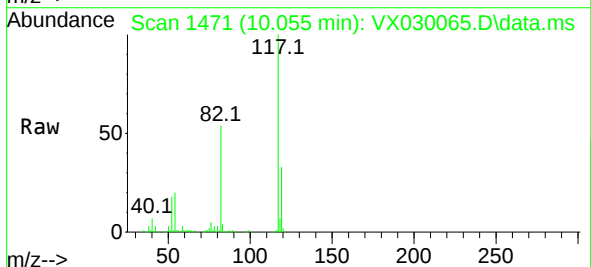
Instrument :
MSVOA_X
ClientSampleId :
TT-14911-20220711

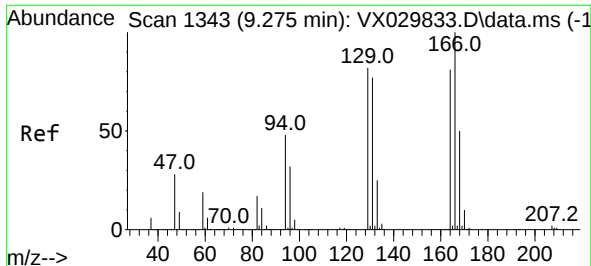
Tgt Ion: 95 Resp: 111596
Ion Ratio Lower Upper
95 100
174 77.1 0.0 149.0
176 75.3 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030065.D
Acq: 14 Jul 2022 16:57

Tgt Ion: 117 Resp: 258485
Ion Ratio Lower Upper
117 100
82 54.0 42.7 64.1
119 32.9 25.4 38.2



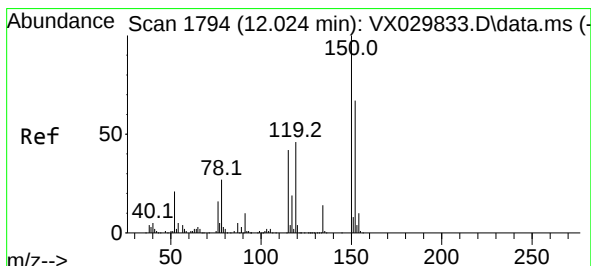
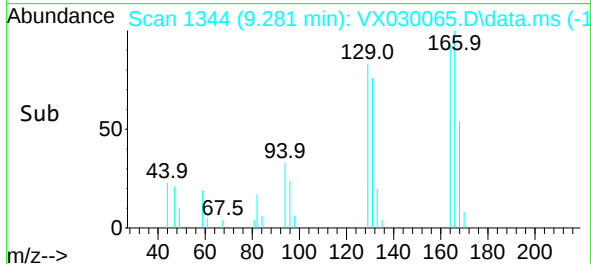
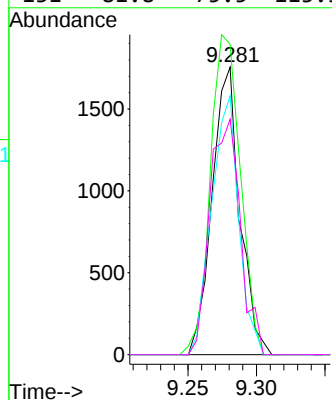
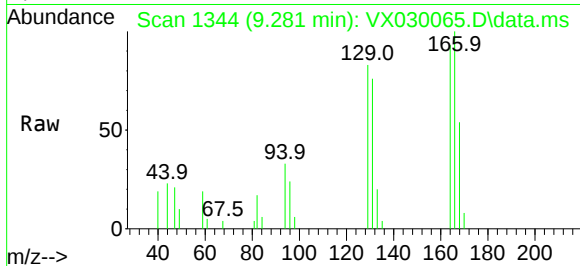


#64
 Tetrachloroethene
 Concen: 1.186 ug/l
 RT: 9.281 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX030065.D
 Acq: 14 Jul 2022 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-14911-20220711

Tgt Ion:164 Resp: 2461

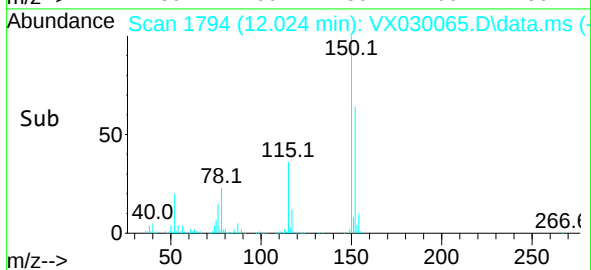
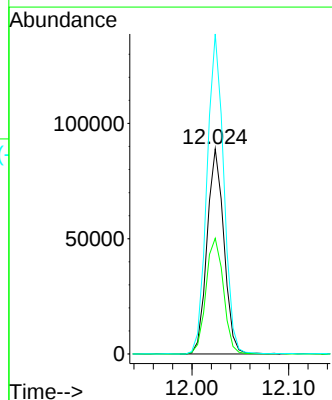
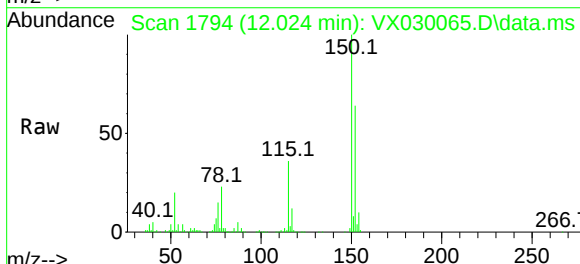
Ion	Ratio	Lower	Upper
164	100		
166	107.9	98.2	147.4
129	90.1	80.8	121.2
131	81.8	75.5	113.3

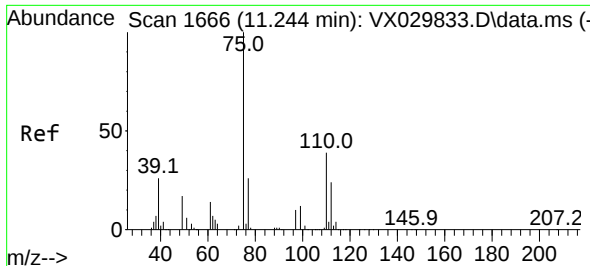


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX030065.D
 Acq: 14 Jul 2022 16:57

Tgt Ion:152 Resp: 108047

Ion	Ratio	Lower	Upper
152	100		
115	58.6	40.5	121.5
150	155.4	0.0	347.0

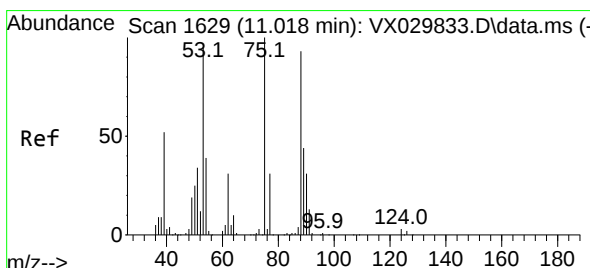
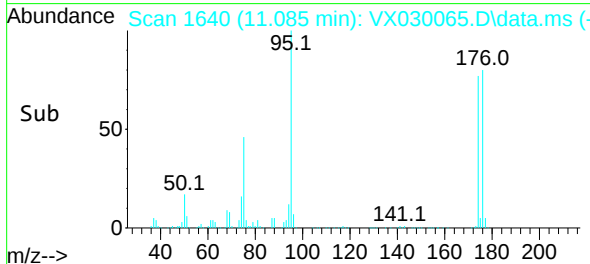
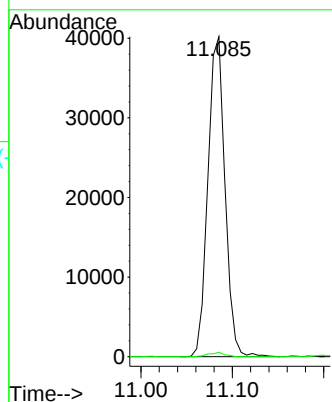
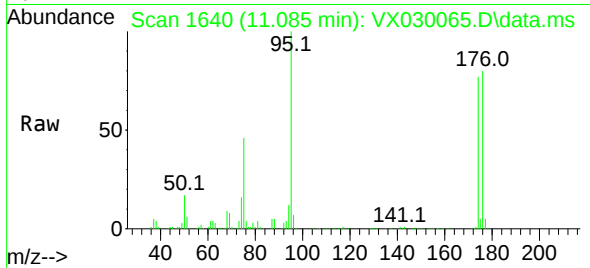




#76
1,2,3-Trichloropropane
Concen: 20.955 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030065.D
Acq: 14 Jul 2022 16:57

Instrument :
MSVOA_X
ClientSampleId :
TT-14911-20220711

Tgt Ion: 75 Resp: 52056
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.474 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX030065.D
Acq: 14 Jul 2022 16:57

Tgt Ion: 75 Resp: 52056
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

