

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060322\
 Data File : VX029221.D
 Acq On : 04 Jun 2022 03:39
 Operator : JC/MD
 Sample : N3165-17 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 12S-20220601

Quant Time: Jun 06 02:40:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

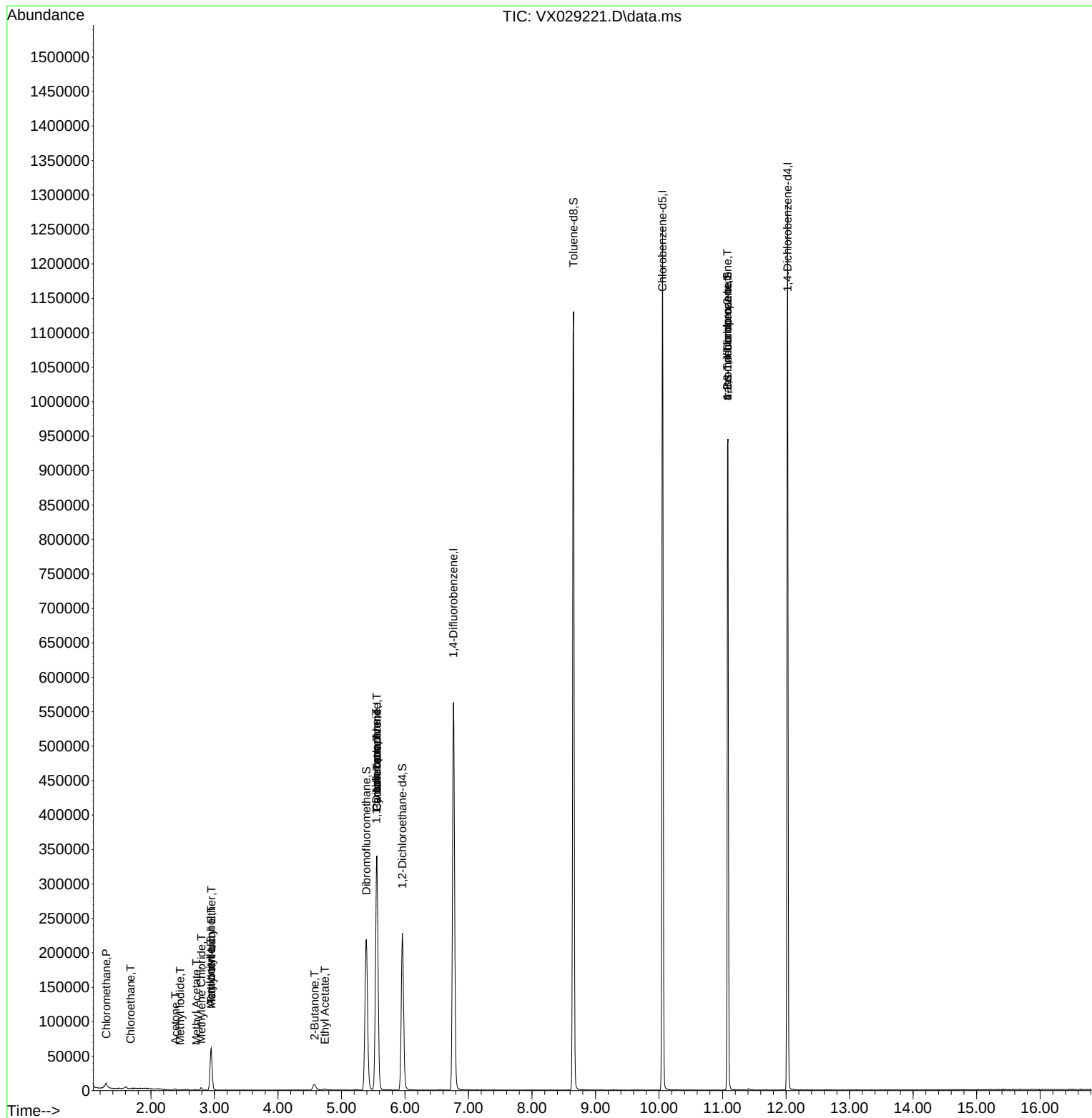
Internal Standards						
1) Pentafluorobenzene	5.556	168	312583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	589524	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	568203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	256809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	213312	60.517	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	121.040%
35) Dibromofluoromethane	5.391	113	196753	50.247	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.500%
50) Toluene-d8	8.653	98	703297	49.108	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.220%
62) 4-Bromofluorobenzene	11.079	95	273885	49.473	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.940%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	746	0.262	ug/l #	80
5) Bromomethane	1.618	94	686	Below Cal	#	72
6) Chloroethane	1.679	64	755	1.672	ug/l #	43
10) Methyl Iodide	2.459	142	493	4.355	ug/l #	90
11) Tert butyl alcohol	2.947	59	34857	42.689	ug/l #	77
15) Acrylonitrile	2.940	53	603	0.359	ug/l #	18
16) Acetone	2.386	43	2061	1.485	ug/l	91
18) Methyl Acetate	2.715	43	875	0.244	ug/l #	65
19) Methyl tert-butyl Ether	2.953	73	2014	0.211	ug/l	99
20) Methylene Chloride	2.794	84	1430	0.442	ug/l #	79
25) 2-Butanone	4.574	43	780	0.348	ug/l #	44
31) Cyclohexane	5.556	56	5923	1.293	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	24961	4.954	ug/l #	49
37) Ethyl Acetate	4.739	43	3201	0.656	ug/l #	89
38) Carbon Tetrachloride	5.556	117	31999	5.557	ug/l #	17
44) Trichloroethene	7.129	130	81	Below Cal		77
76) 1,2,3-Trichloropropane	11.079	75	132872	25.523	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	132872	74.880	ug/l #	15

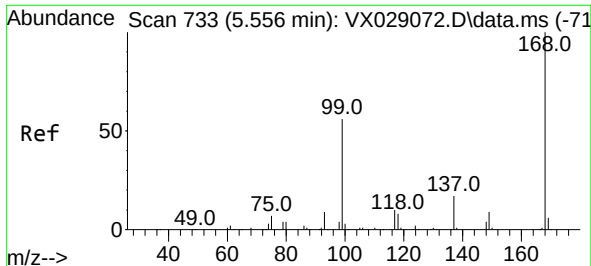
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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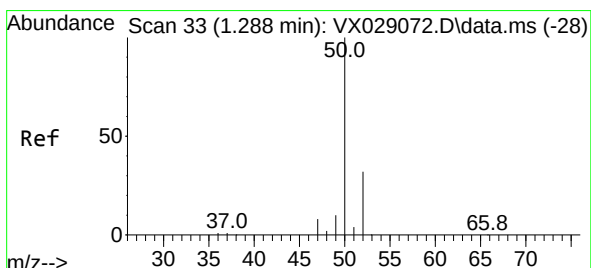
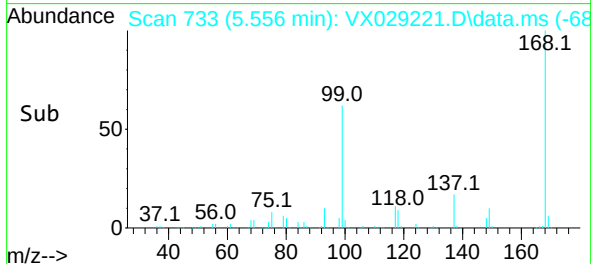
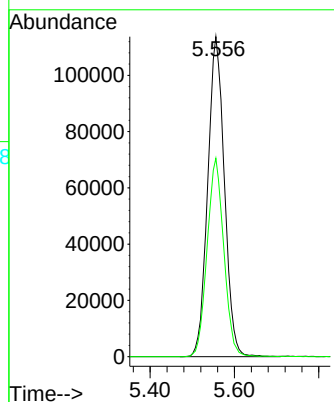
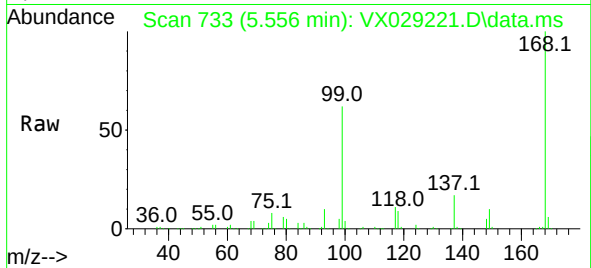




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029221.D
Acq: 04 Jun 2022 03:39

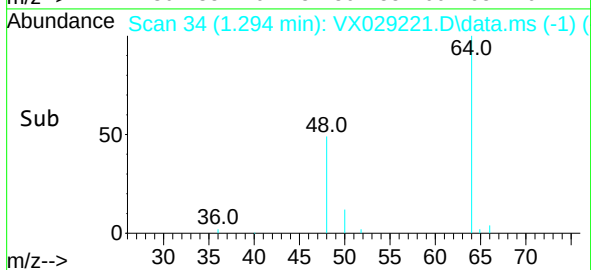
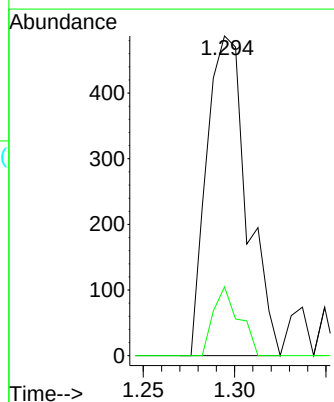
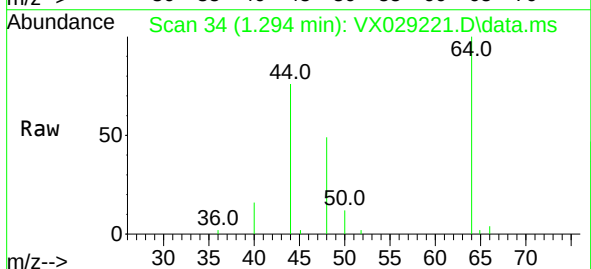
Instrument :
MSVOA_X
ClientSampleId :
12S-20220601

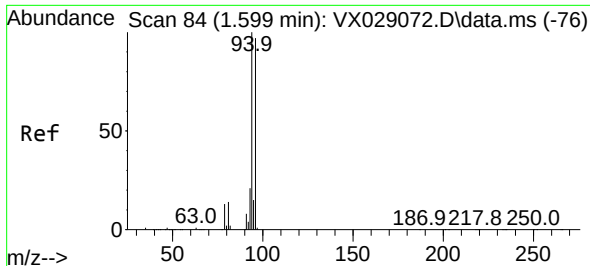
Tgt Ion:168 Resp: 312583
Ion Ratio Lower Upper
168 100
99 62.0 41.7 62.5



#3
Chloromethane
Concen: 0.262 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029221.D
Acq: 04 Jun 2022 03:39

Tgt Ion: 50 Resp: 746
Ion Ratio Lower Upper
50 100
52 21.6 26.4 39.6#

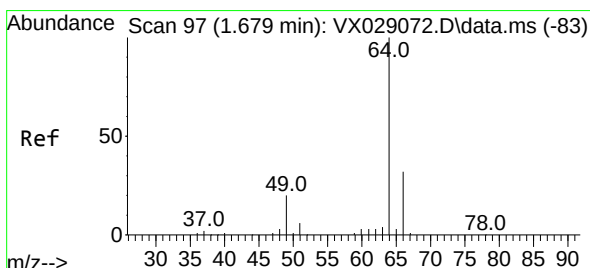
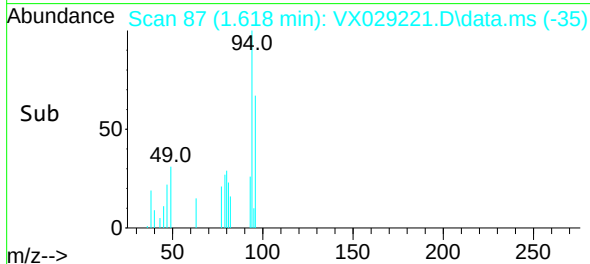
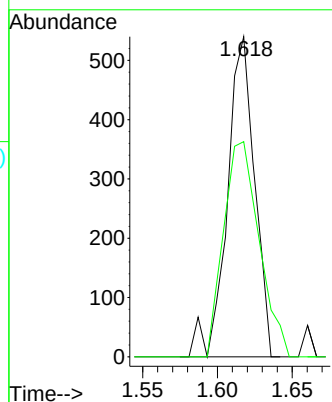
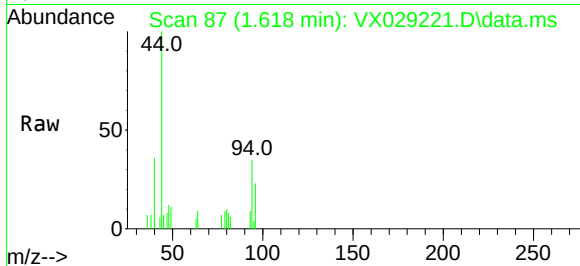




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX029221.D
Acq: 04 Jun 2022 03:39

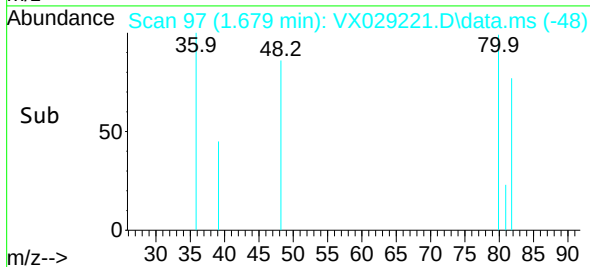
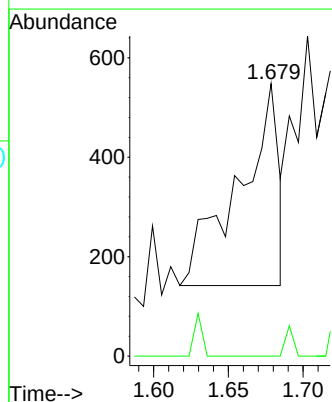
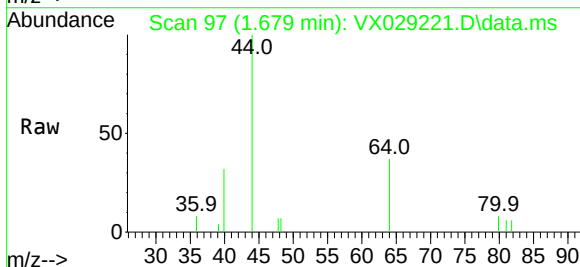
Instrument :
MSVOA_X
ClientSampleId :
12S-20220601

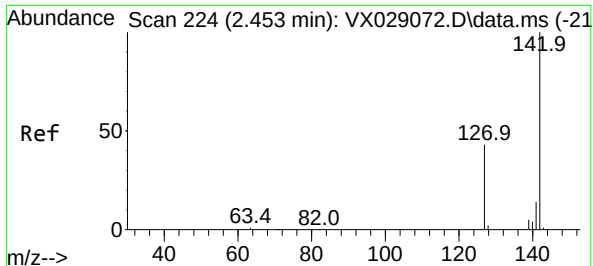
Tgt Ion: 94 Resp: 686
Ion Ratio Lower Upper
94 100
96 67.2 75.3 112.9#



#6
Chloroethane
Concen: 1.672 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX029221.D
Acq: 04 Jun 2022 03:39

Tgt Ion: 64 Resp: 755
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

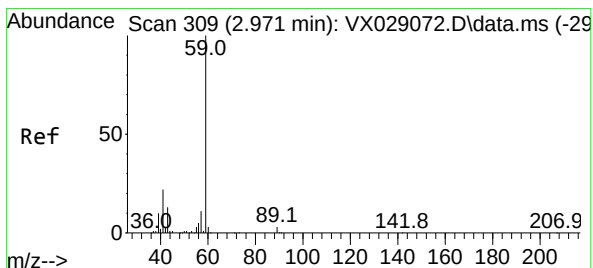
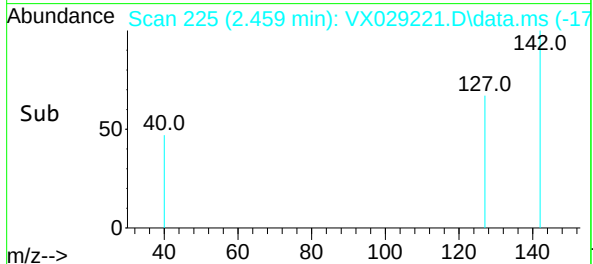
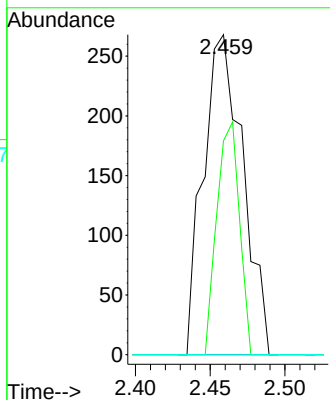
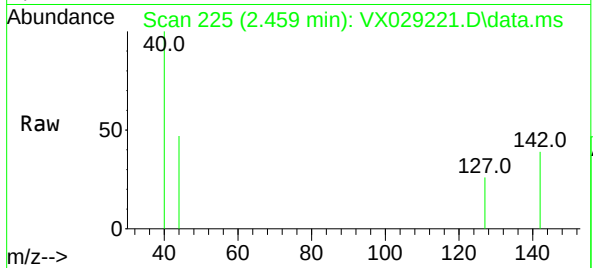




#10
Methyl Iodide
Concen: 4.355 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029221.D
Acq: 04 Jun 2022 03:39

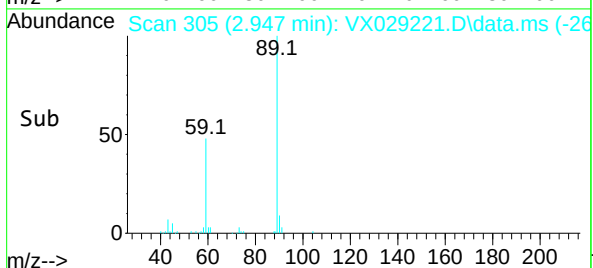
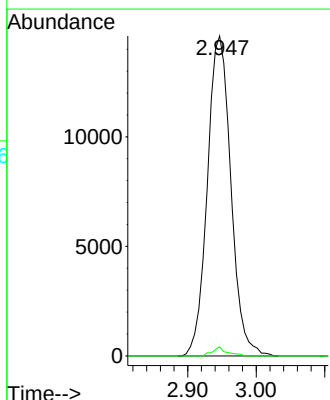
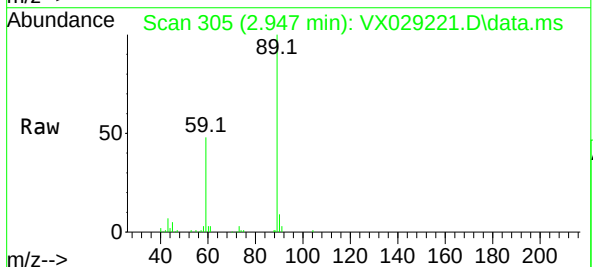
Instrument :
MSVOA_X
ClientSampleId :
12S-20220601

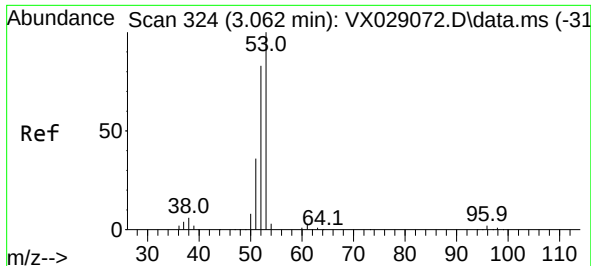
Tgt Ion:142 Resp: 493
Ion Ratio Lower Upper
142 100
127 41.6 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 42.689 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.024 min
Lab File: VX029221.D
Acq: 04 Jun 2022 03:39

Tgt Ion: 59 Resp: 34857
Ion Ratio Lower Upper
59 100
57 1.7 8.3 12.5#





#15

Acrylonitrile

Concen: 0.359 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.122 min

Lab File: VX029221.D

Acq: 04 Jun 2022 03:39

Instrument :

MSVOA_X

ClientSampleId :

12S-20220601

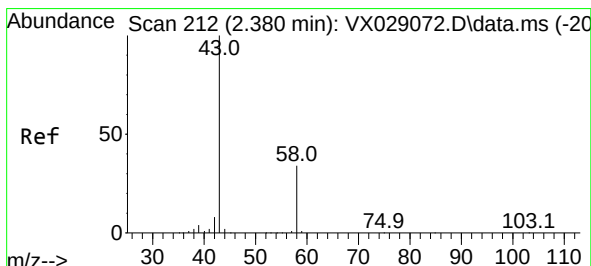
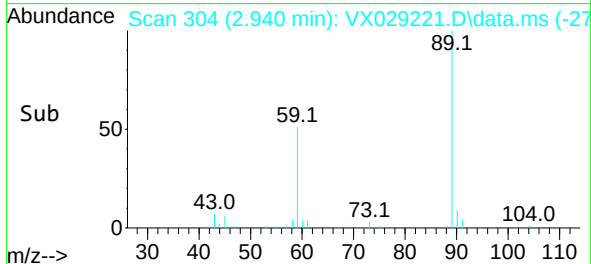
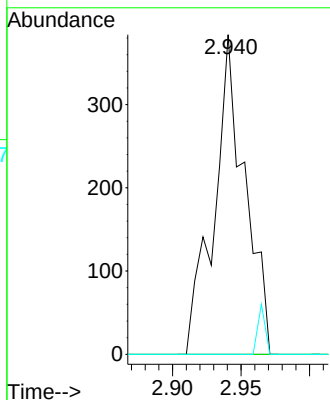
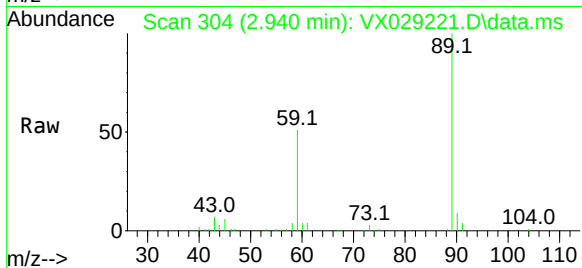
Tgt Ion: 53 Resp: 603

Ion Ratio Lower Upper

53 100

52 0.0 65.7 98.5#

51 0.0 28.4 42.6#



#16

Acetone

Concen: 1.485 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX029221.D

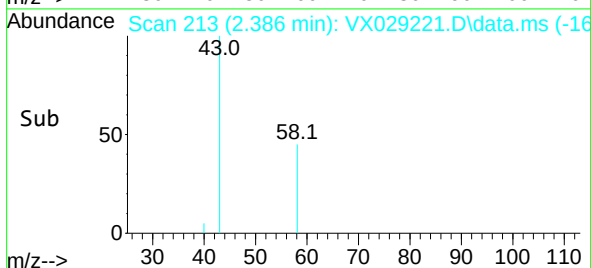
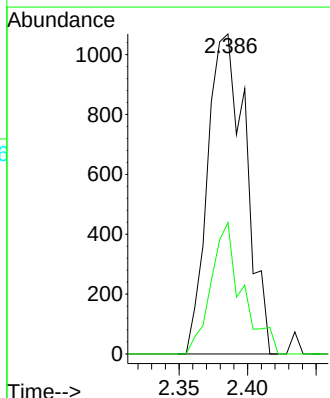
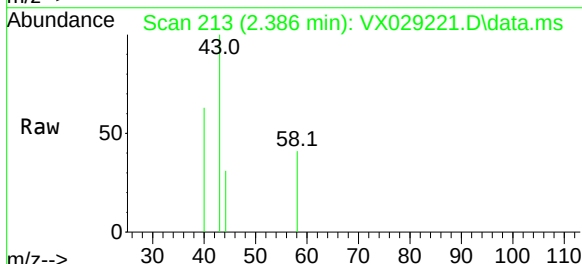
Acq: 04 Jun 2022 03:39

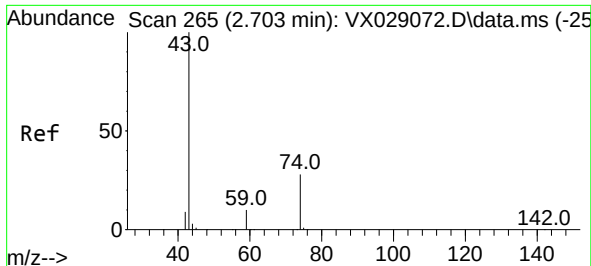
Tgt Ion: 43 Resp: 2061

Ion Ratio Lower Upper

43 100

58 41.1 28.8 43.2

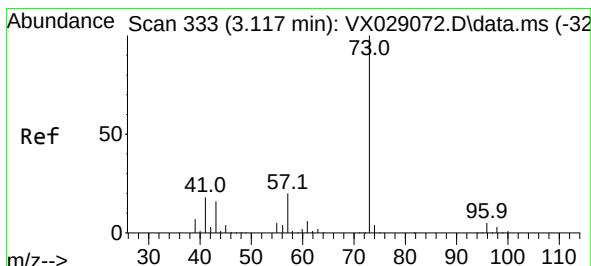
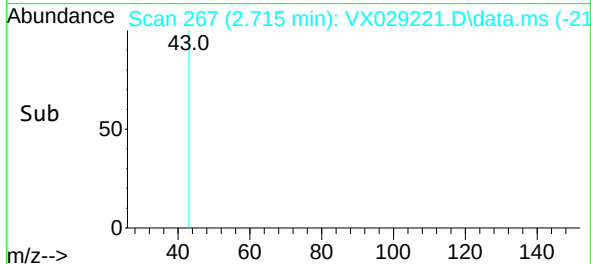
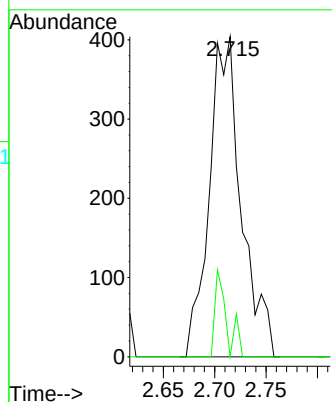
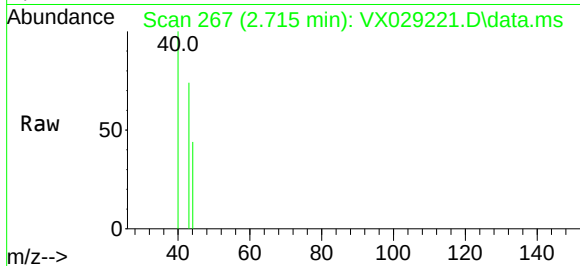




#18
Methyl Acetate
Concen: 0.244 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX029221.D
Acq: 04 Jun 2022 03:39

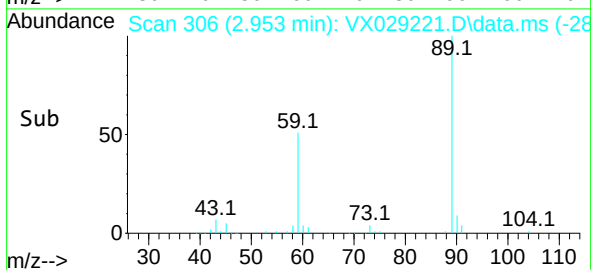
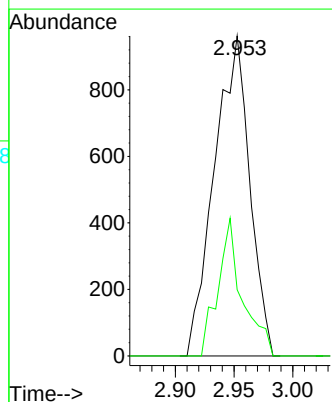
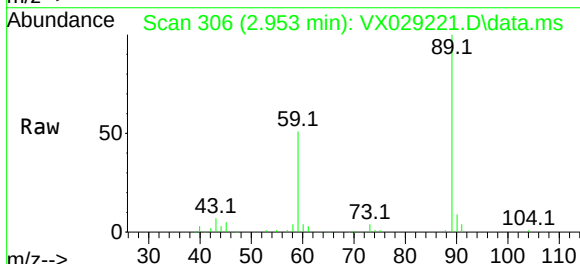
Instrument :
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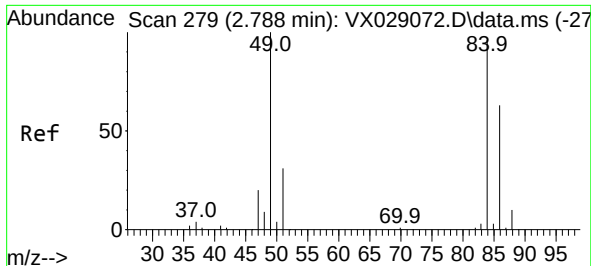
Tgt Ion: 43 Resp: 875
Ion Ratio Lower Upper
43 100
74 9.9 22.8 34.2#



#19
Methyl tert-butyl Ether
Concen: 0.211 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.164 min
Lab File: VX029221.D
Acq: 04 Jun 2022 03:39

Tgt Ion: 73 Resp: 2014
Ion Ratio Lower Upper
73 100
57 20.7 16.8 25.2





#20

Methylene Chloride

Concen: 0.442 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX029221.D

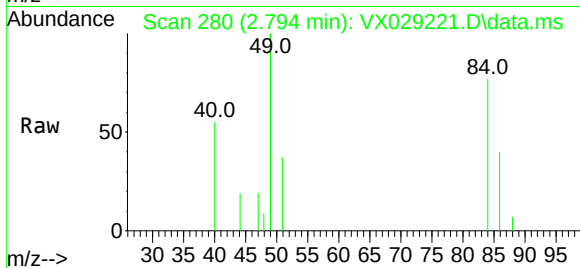
Acq: 04 Jun 2022 03:39

Instrument :

MSVOA_X

ClientSampleId :

12S-20220601



Tgt Ion: 84 Resp: 1430

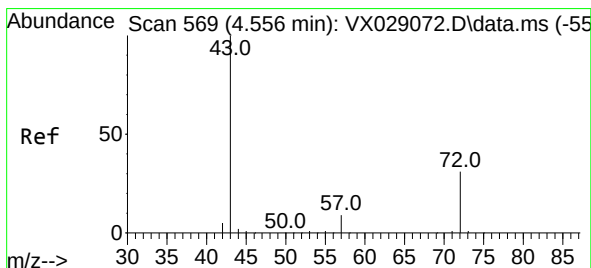
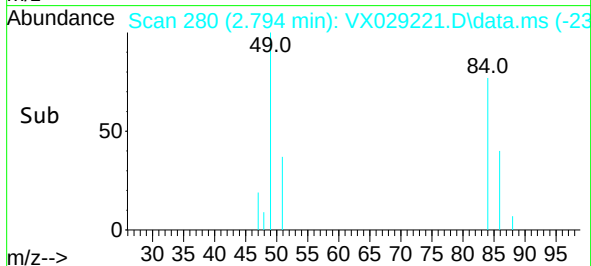
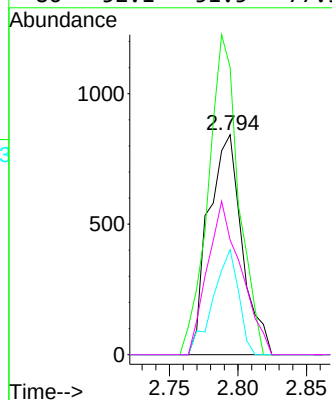
Ion Ratio Lower Upper

84 100

49 130.6 85.5 128.3#

51 47.7 26.6 39.8#

86 52.1 51.5 77.3



#25

2-Butanone

Concen: 0.348 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.018 min

Lab File: VX029221.D

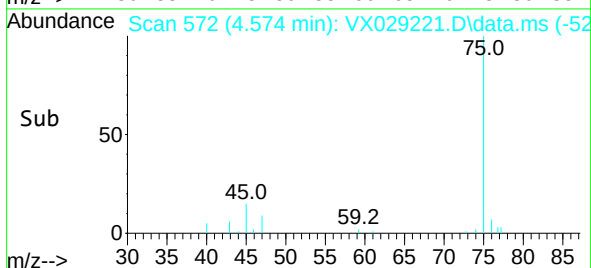
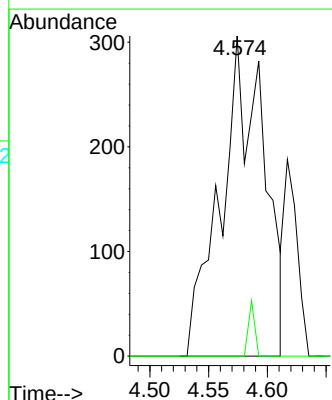
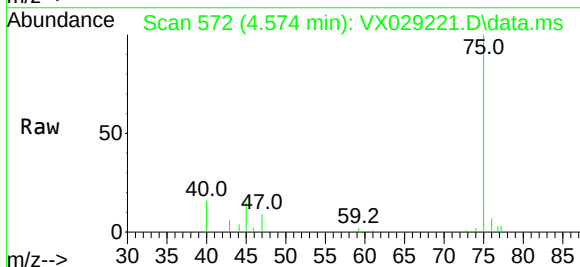
Acq: 04 Jun 2022 03:39

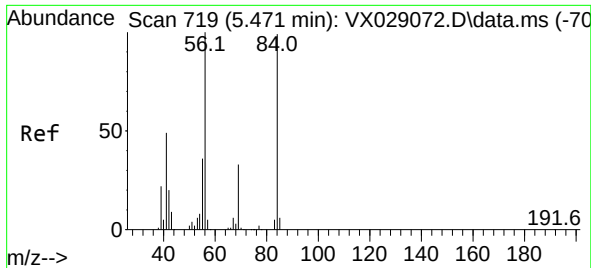
Tgt Ion: 43 Resp: 780

Ion Ratio Lower Upper

43 100

72 0.0 24.4 36.6#

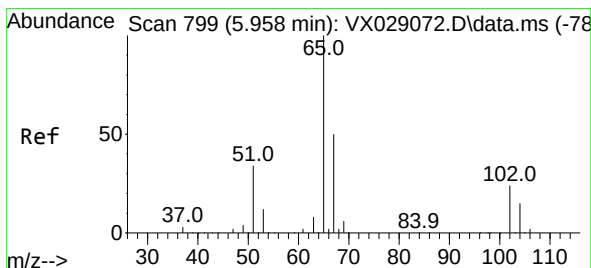
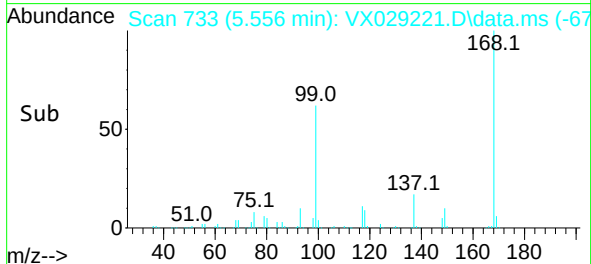
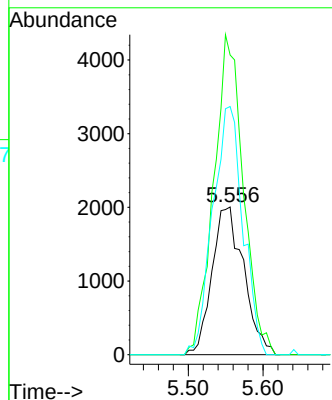
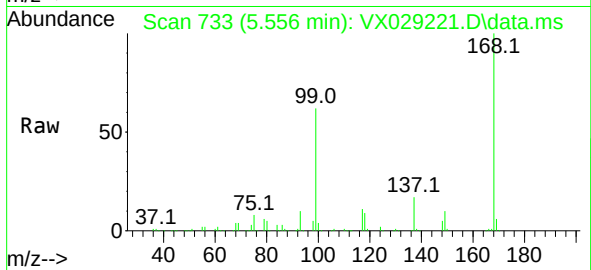




#31
Cyclohexane
Concen: 1.293 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX029221.D
Acq: 04 Jun 2022 03:39

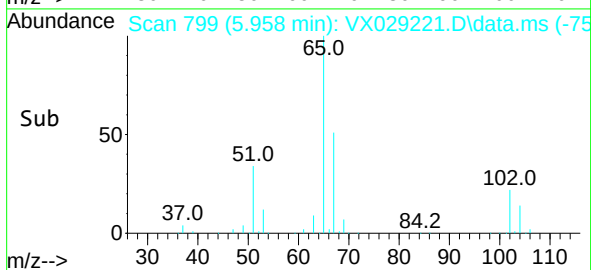
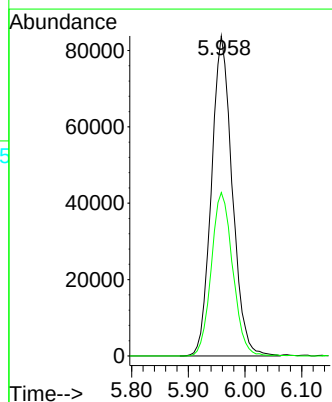
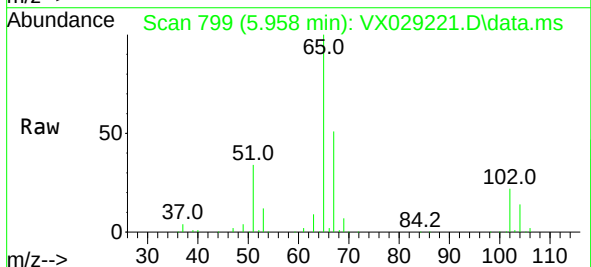
Instrument :
MSVOA_X
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12S-20220601

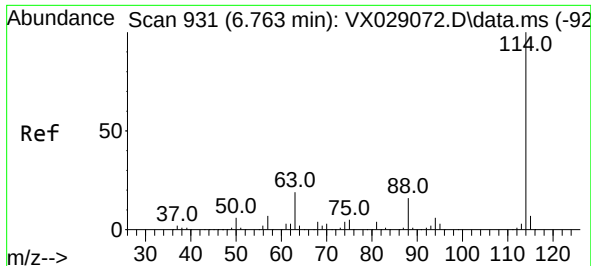
Tgt Ion: 56 Resp: 5923
Ion Ratio Lower Upper
56 100
69 203.0 26.7 40.1#
84 168.1 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 60.517 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029221.D
Acq: 04 Jun 2022 03:39

Tgt Ion: 65 Resp: 213312
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.4

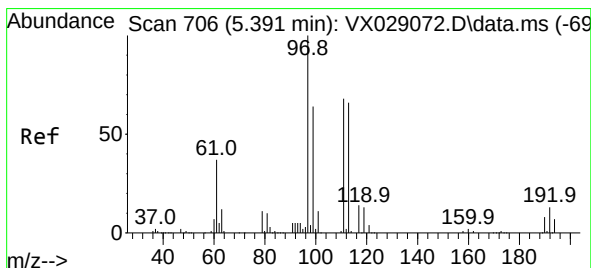
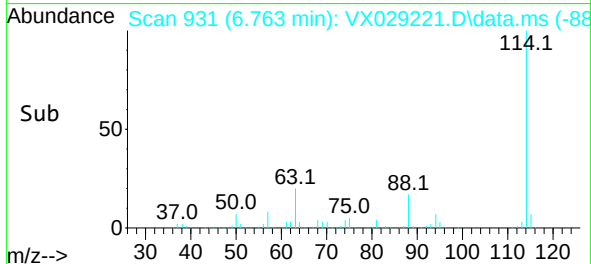
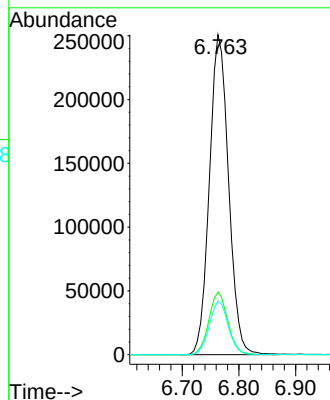
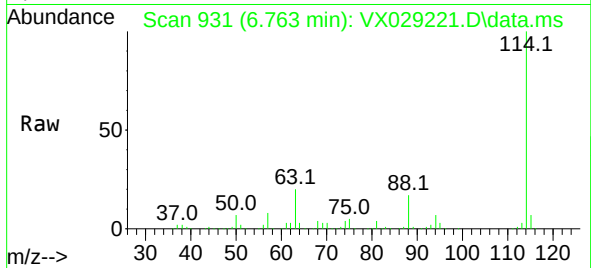




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX029221.D
Acq: 04 Jun 2022 03:39

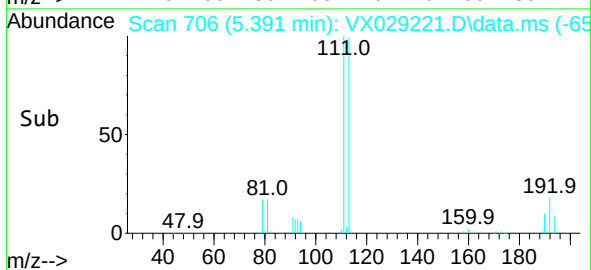
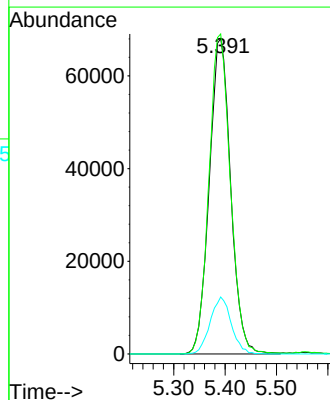
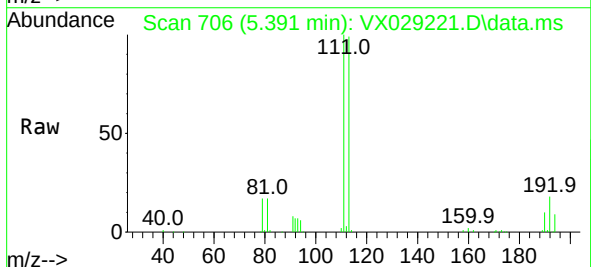
Instrument :
MSVOA_X
ClientSampleId :
12S-20220601

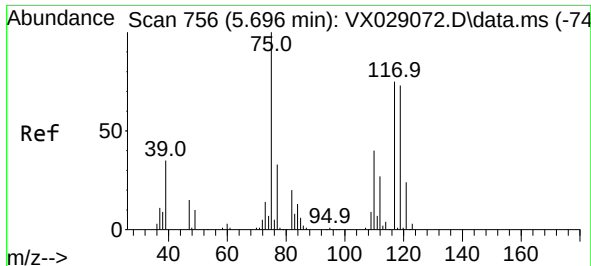
Tgt Ion:114 Resp: 589524
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.8
88 16.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.247 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029221.D
Acq: 04 Jun 2022 03:39

Tgt Ion:113 Resp: 196753
Ion Ratio Lower Upper
113 100
111 101.7 82.8 124.2
192 17.9 16.9 25.3

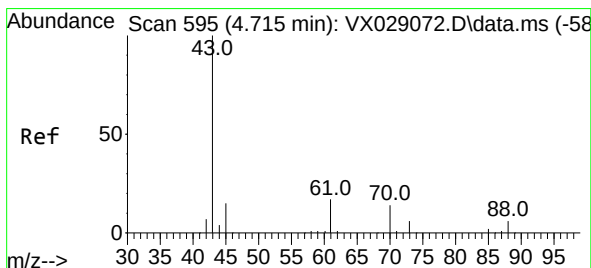
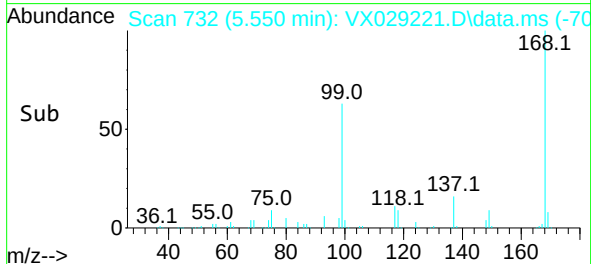
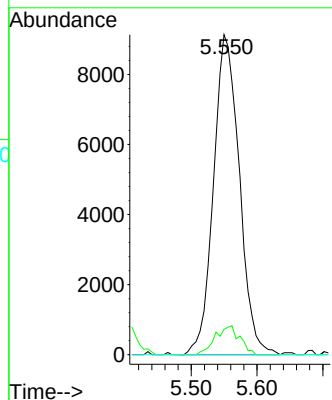
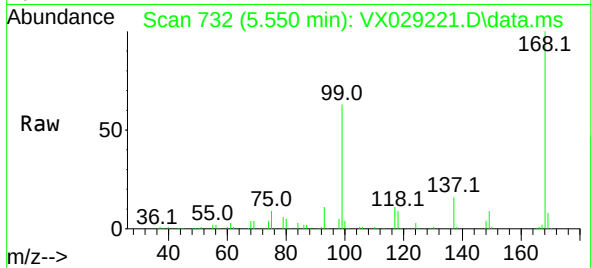




#36
 1,1-Dichloropropene
 Concen: 4.954 ug/l
 RT: 5.550 min Scan# 71
 Delta R.T. -0.146 min
 Lab File: VX029221.D
 Acq: 04 Jun 2022 03:39

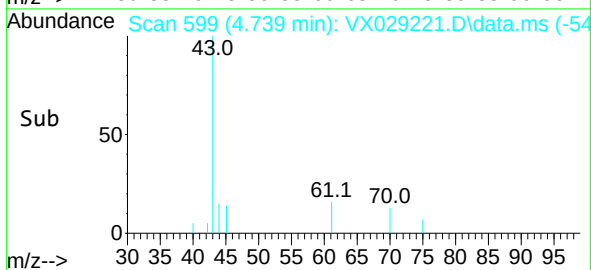
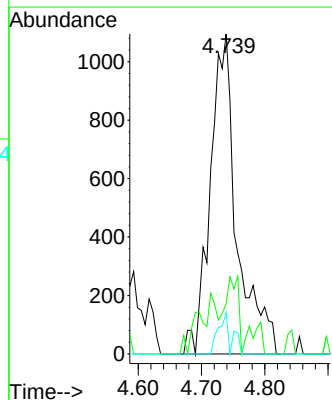
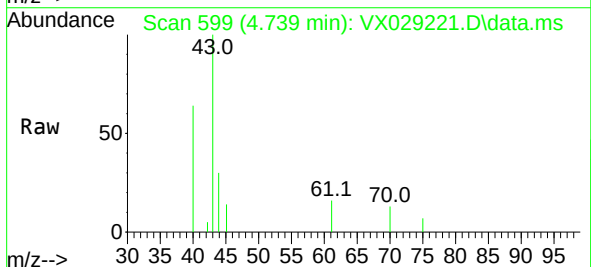
Instrument :
 MSVOA_X
 ClientSampleId :
 12S-20220601

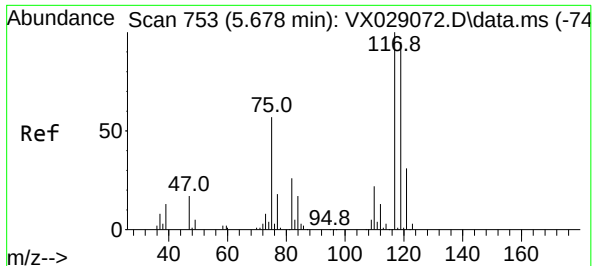
Tgt Ion: 75 Resp: 24961
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.3 54.8#
 77 0.0 24.8 37.2#



#37
 Ethyl Acetate
 Concen: 0.656 ug/l
 RT: 4.739 min Scan# 599
 Delta R.T. 0.024 min
 Lab File: VX029221.D
 Acq: 04 Jun 2022 03:39

Tgt Ion: 43 Resp: 3201
 Ion Ratio Lower Upper
 43 100
 61 12.8 12.6 19.0
 70 6.2 10.2 15.2#

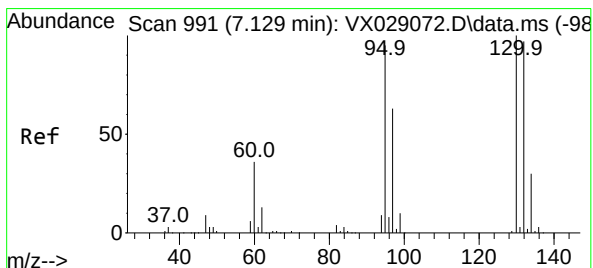
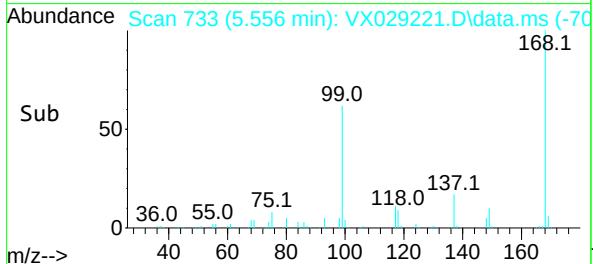
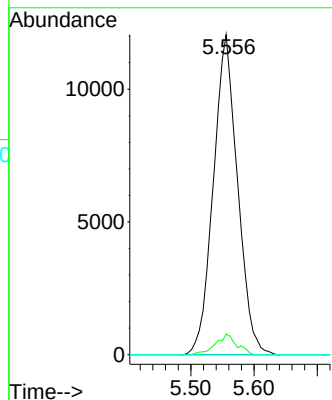
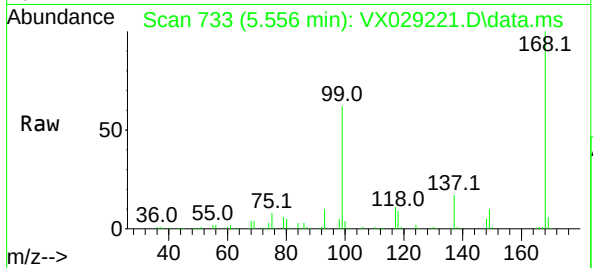




#38
Carbon Tetrachloride
Concen: 5.557 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX029221.D
Acq: 04 Jun 2022 03:39

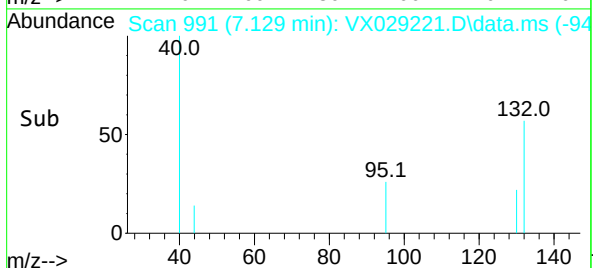
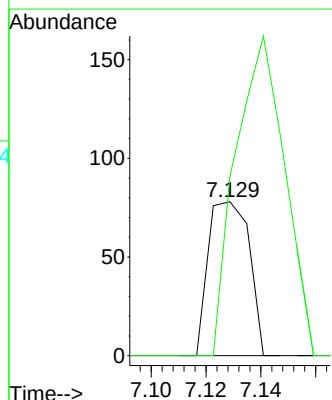
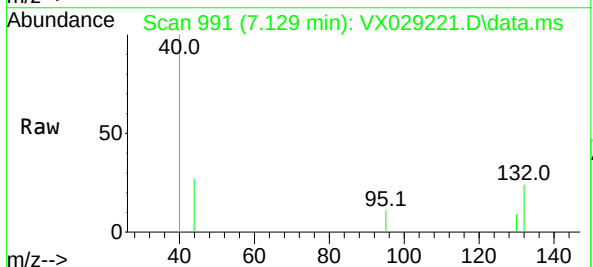
Instrument :
MSVOA_X
ClientSampleId :
12S-20220601

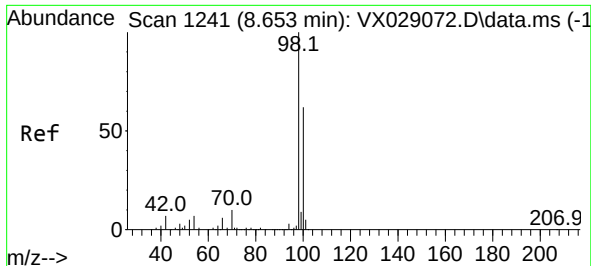
Tgt Ion:117 Resp: 31999
Ion Ratio Lower Upper
117 100
119 6.5 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029221.D
Acq: 04 Jun 2022 03:39

Tgt Ion:130 Resp: 81
Ion Ratio Lower Upper
130 100
95 116.7 0.0 188.8

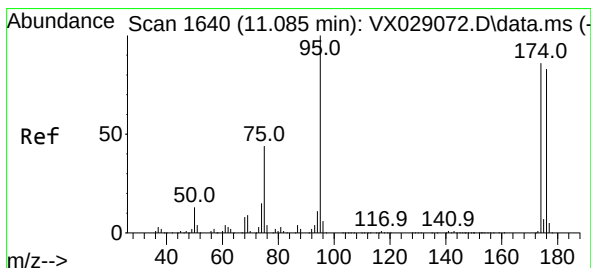
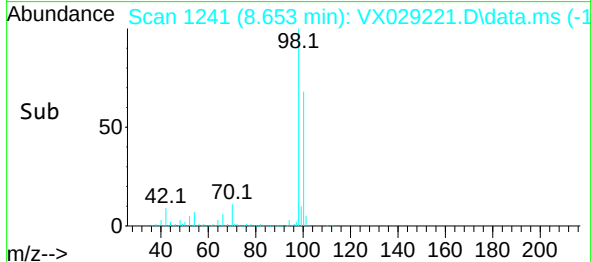
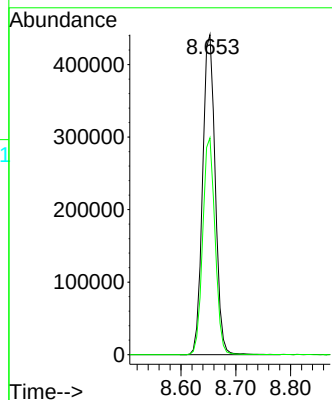
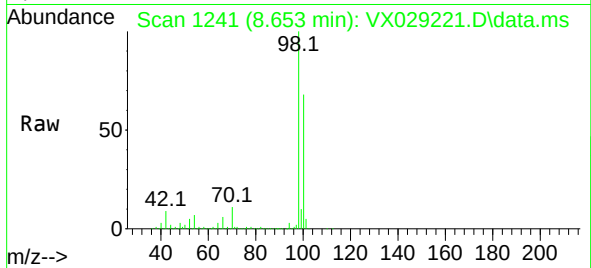




#50
Toluene-d8
Concen: 49.108 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029221.D
Acq: 04 Jun 2022 03:39

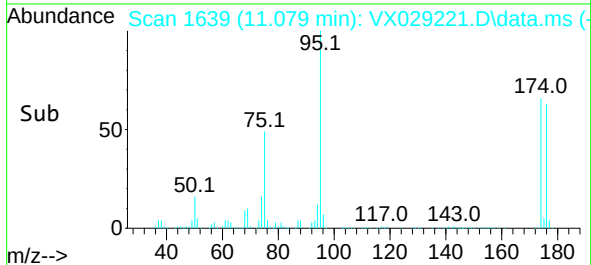
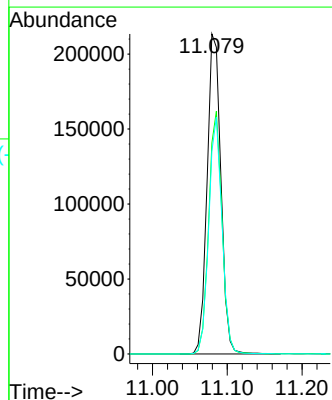
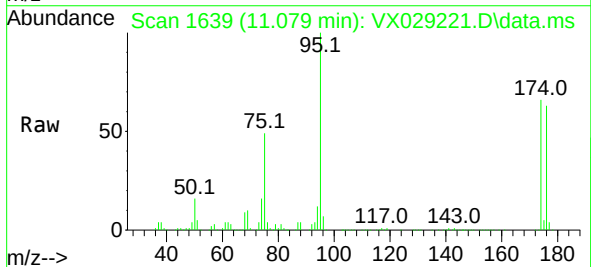
Instrument :
MSVOA_X
ClientSampleId :
12S-20220601

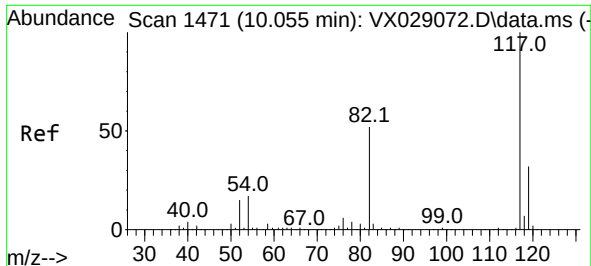
Tgt Ion: 98 Resp: 703297
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.473 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029221.D
Acq: 04 Jun 2022 03:39

Tgt Ion: 95 Resp: 273885
Ion Ratio Lower Upper
95 100
174 73.1 0.0 163.0
176 71.1 0.0 155.0

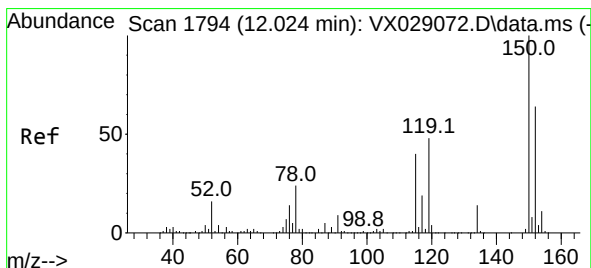
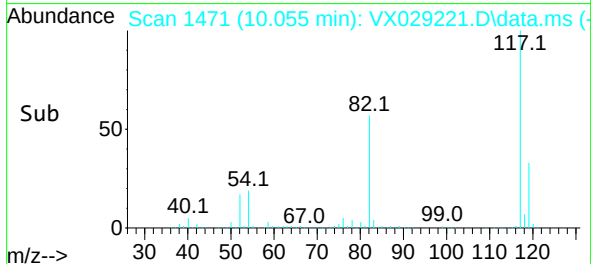
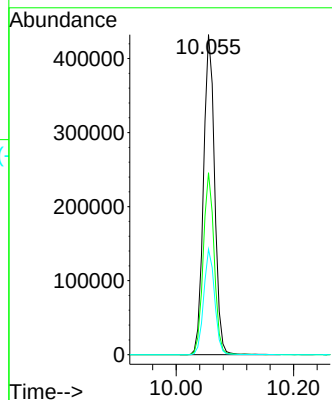
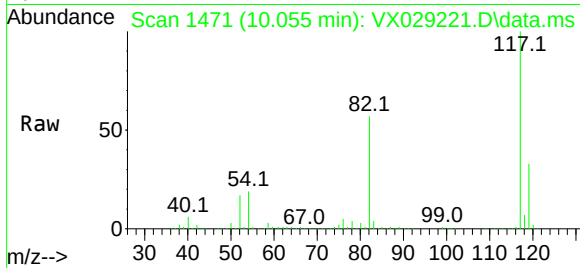




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029221.D
Acq: 04 Jun 2022 03:39

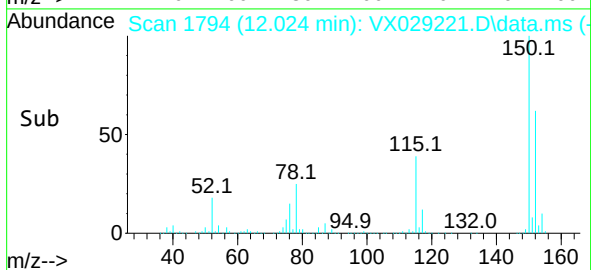
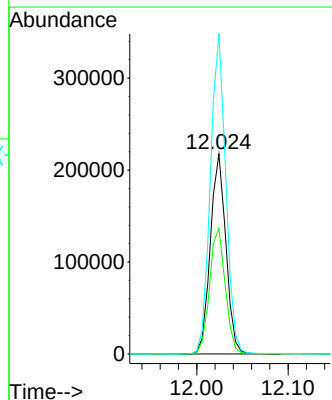
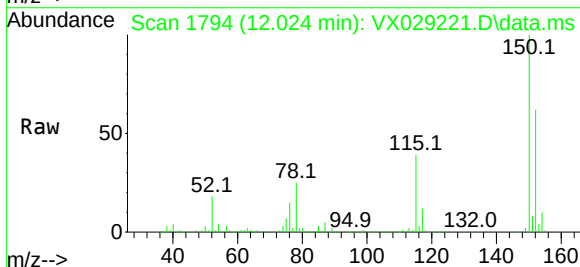
Instrument :
MSVOA_X
ClientSampleId :
12S-20220601

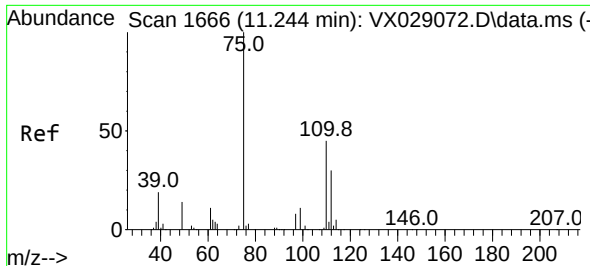
Tgt Ion:117 Resp: 568203
Ion Ratio Lower Upper
117 100
82 56.9 41.8 62.8
119 32.9 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029221.D
Acq: 04 Jun 2022 03:39

Tgt Ion:152 Resp: 256809
Ion Ratio Lower Upper
152 100
115 63.4 37.5 112.7
150 158.5 0.0 338.2

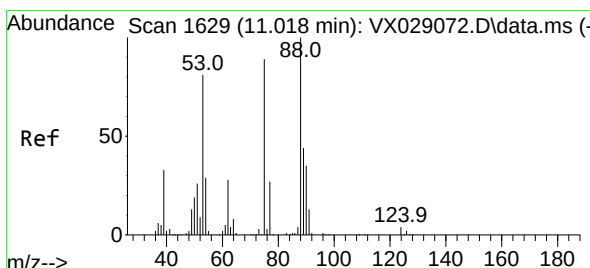
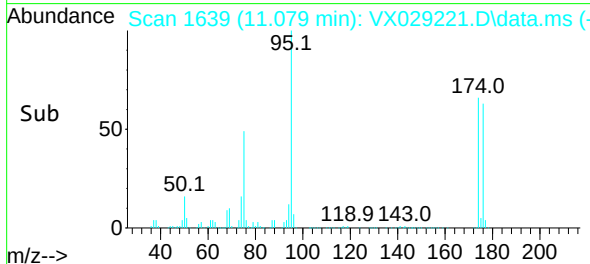
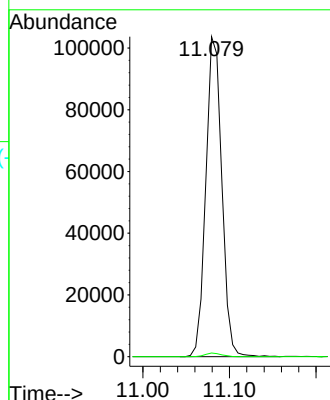
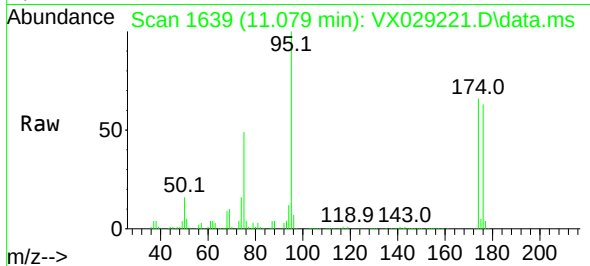




#76
1,2,3-Trichloropropane
Concen: 25.523 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029221.D
Acq: 04 Jun 2022 03:39

Instrument :
MSVOA_X
ClientSampleId :
12S-20220601

Tgt Ion: 75 Resp: 132872
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.880 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029221.D
Acq: 04 Jun 2022 03:39

Tgt Ion: 75 Resp: 132872
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

