

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060322\
 Data File : VX029220.D
 Acq On : 04 Jun 2022 03:16
 Operator : JC/MD
 Sample : N3165-16 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 11-MW-1-20220601

Quant Time: Jun 06 02:40:23 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)

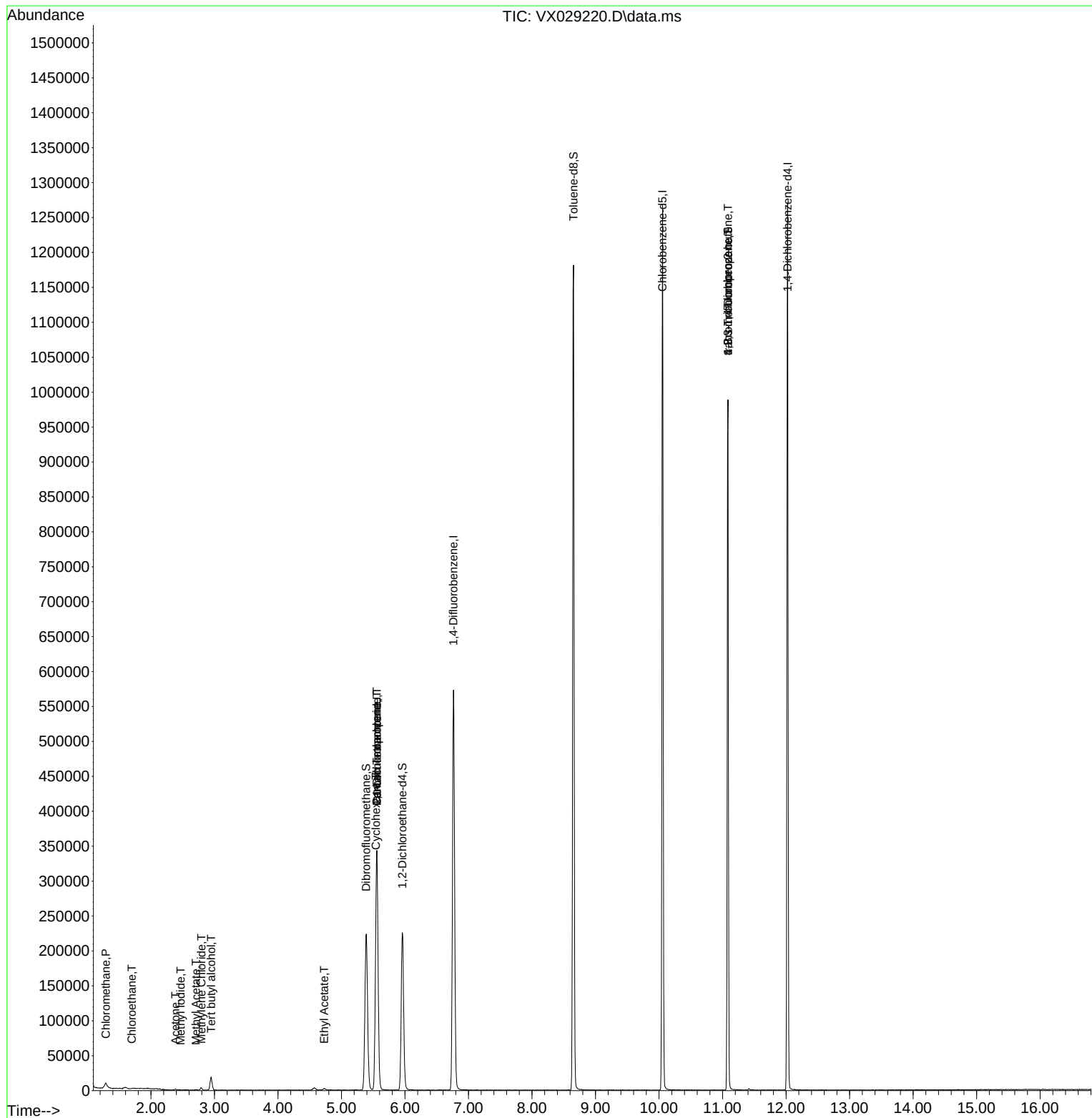
Internal Standards						
1) Pentafluorobenzene	5.556	168	320550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	605596	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	587430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	269630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	218038	60.321	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 120.640%	
35) Dibromofluoromethane	5.385	113	201142	50.004	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.000%	
50) Toluene-d8	8.653	98	713649	48.508	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.020%	
62) 4-Bromofluorobenzene	11.085	95	277505	48.797	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	601	0.206	ug/l #	84
5) Bromomethane	1.618	94	949	Below Cal		92
6) Chloroethane	1.697	64	804	1.682	ug/l #	66
10) Methyl Iodide	2.465	142	416	4.332	ug/l #	70
11) Tert butyl alcohol	2.947	59	10690	12.766	ug/l #	73
16) Acetone	2.386	43	1406	0.988	ug/l #	73
18) Methyl Acetate	2.709	43	783	0.213	ug/l	97
20) Methylene Chloride	2.794	84	1909	0.575	ug/l #	84
31) Cyclohexane	5.544	56	6167	1.312	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	25348	4.897	ug/l #	50
37) Ethyl Acetate	4.727	43	4094	0.816	ug/l #	90
38) Carbon Tetrachloride	5.556	117	33512	5.666	ug/l #	16
44) Trichloroethene	7.135	130	175	Below Cal		71
76) 1,2,3-Trichloropropane	11.085	75	136206	24.919	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	136206	73.109	ug/l #	15

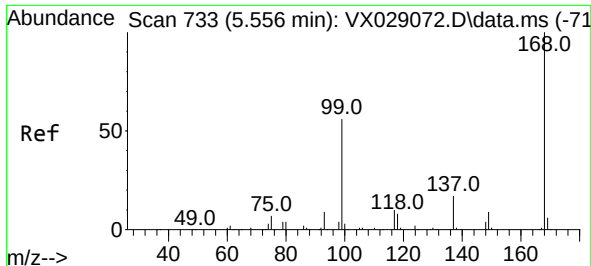
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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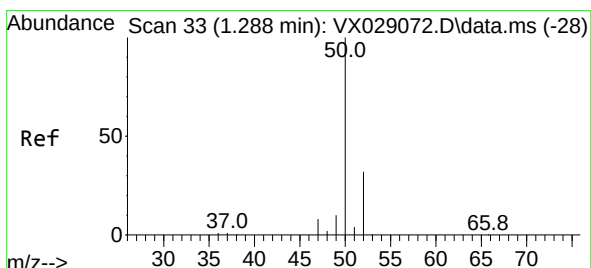
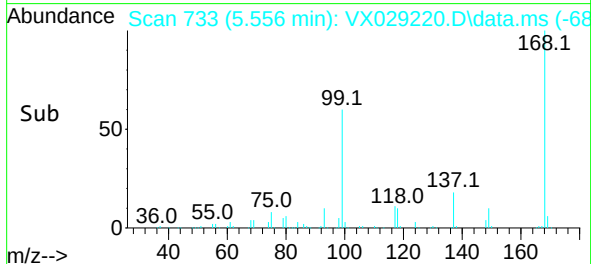
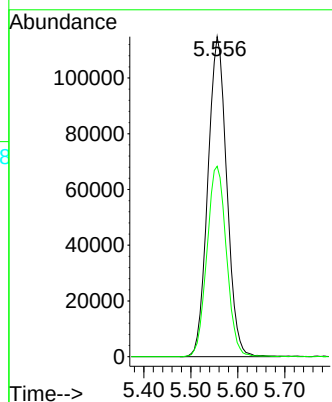
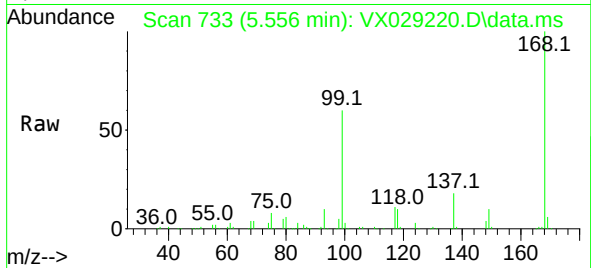




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029220.D
Acq: 04 Jun 2022 03:16

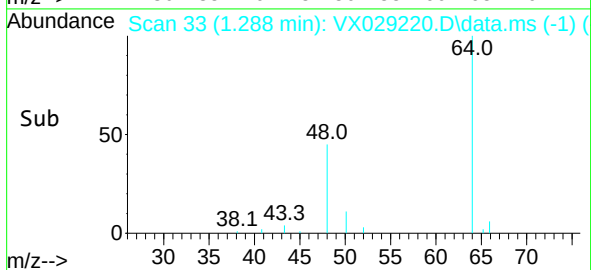
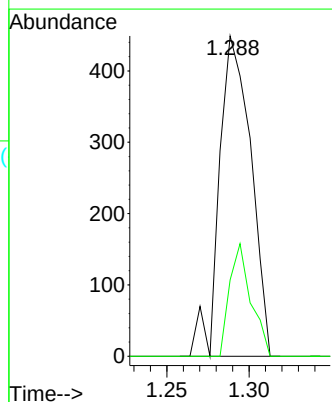
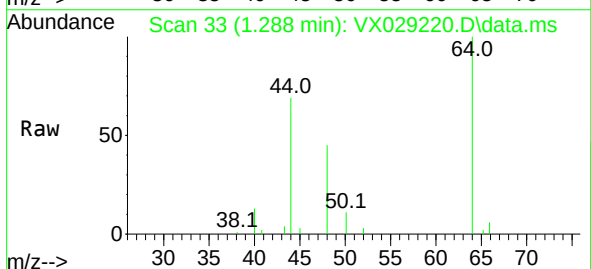
Instrument :
MSVOA_X
ClientSampleId :
11-MW-1-20220601

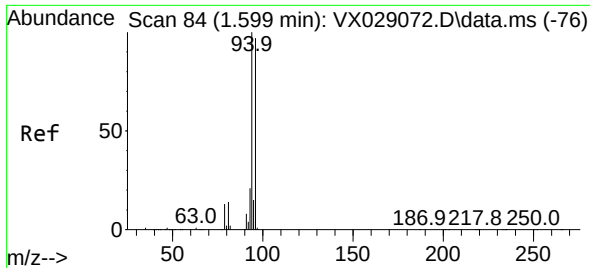
Tgt Ion:168 Resp: 320550
Ion Ratio Lower Upper
168 100
99 59.5 41.7 62.5



#3
Chloromethane
Concen: 0.206 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029220.D
Acq: 04 Jun 2022 03:16

Tgt Ion: 50 Resp: 601
Ion Ratio Lower Upper
50 100
52 23.8 26.4 39.6#

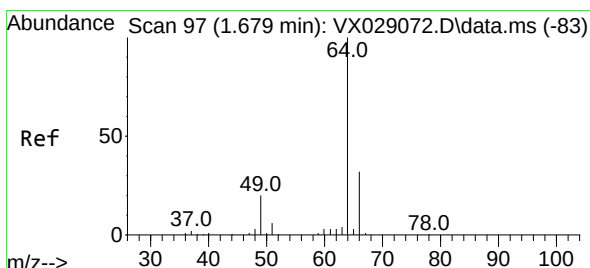
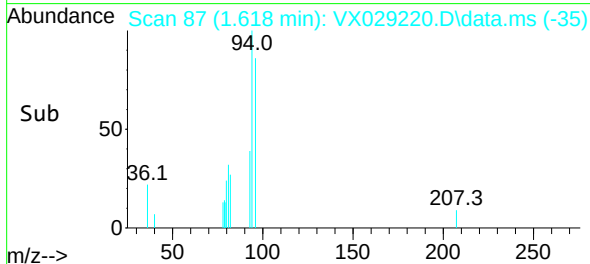
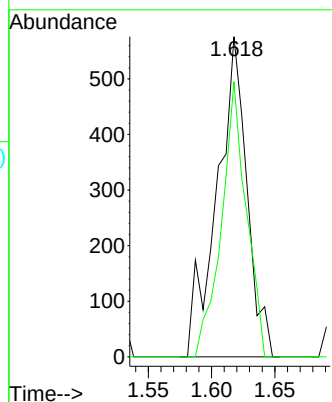
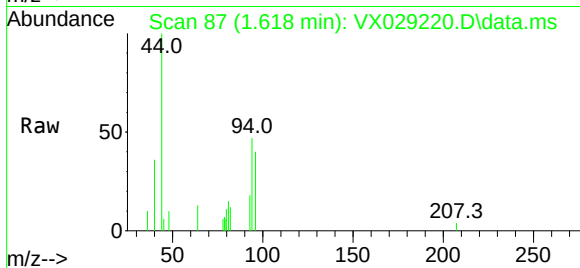




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX029220.D
Acq: 04 Jun 2022 03:16

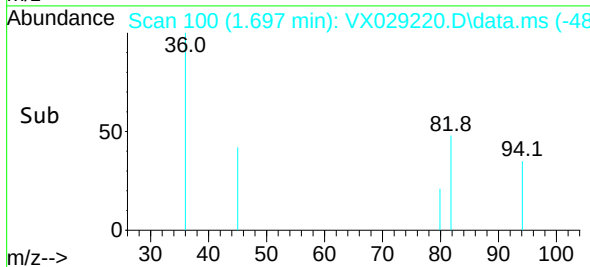
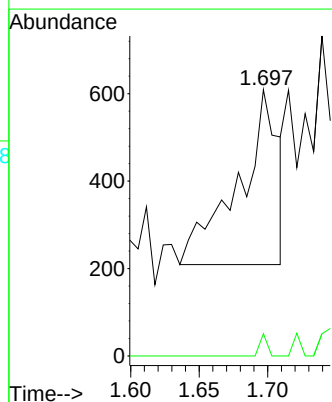
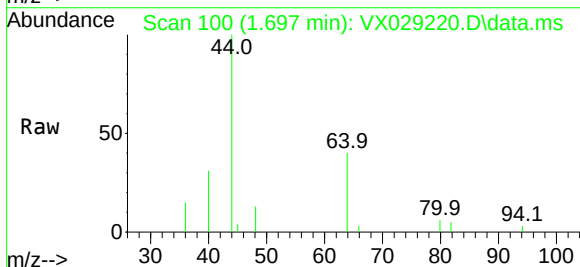
Instrument :
MSVOA_X
ClientSampleId :
11-MW-1-20220601

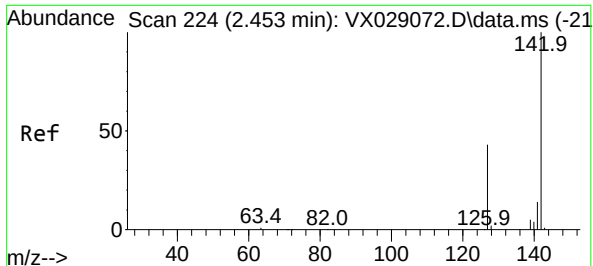
Tgt Ion: 94 Resp: 949
Ion Ratio Lower Upper
94 100
96 85.9 75.3 112.9



#6
Chloroethane
Concen: 1.682 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX029220.D
Acq: 04 Jun 2022 03:16

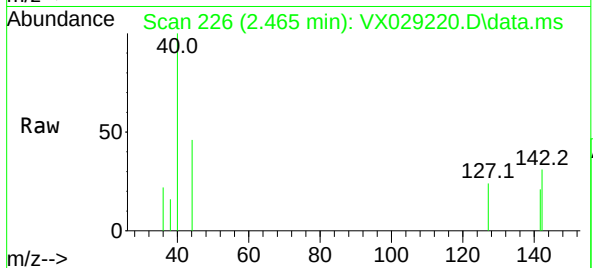
Tgt Ion: 64 Resp: 804
Ion Ratio Lower Upper
64 100
66 12.8 25.3 37.9



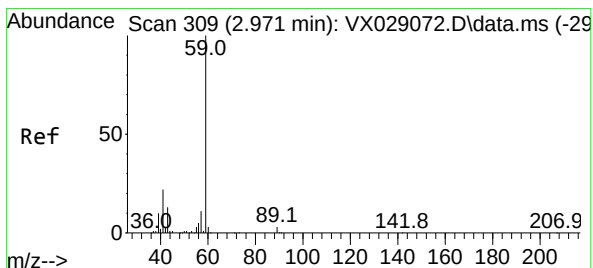
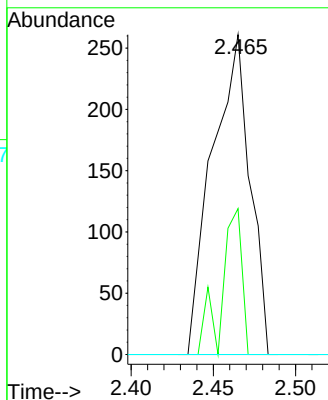
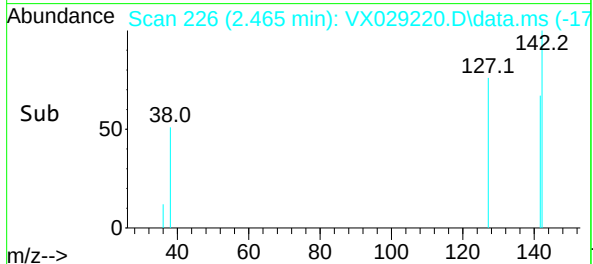


#10
Methyl Iodide
Concen: 4.332 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029220.D
Acq: 04 Jun 2022 03:16

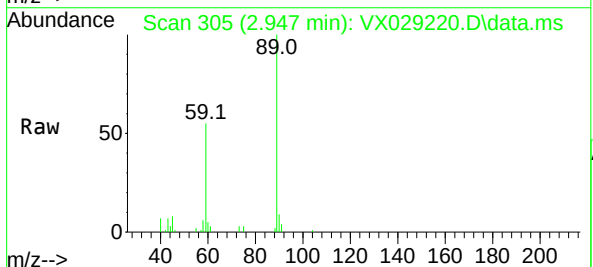
Instrument :
MSVOA_X
ClientSampleId :
11-MW-1-20220601



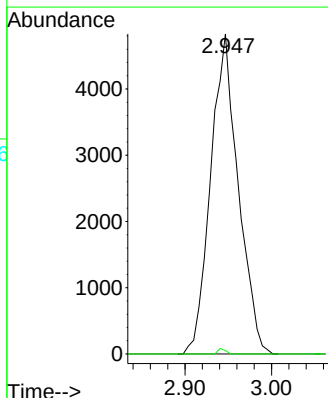
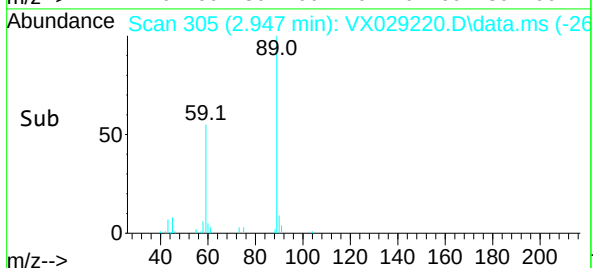
Tgt Ion:142 Resp: 416
Ion Ratio Lower Upper
142 100
127 24.3 33.9 50.9#
141 0.0 11.4 17.2#

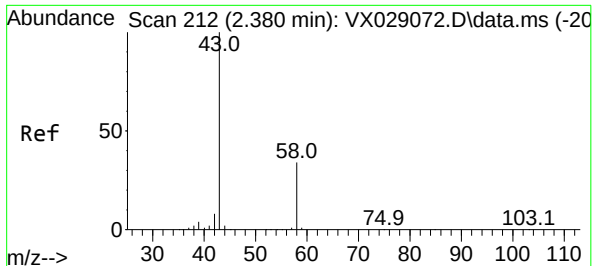


#11
Tert butyl alcohol
Concen: 12.766 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.024 min
Lab File: VX029220.D
Acq: 04 Jun 2022 03:16



Tgt Ion: 59 Resp: 10690
Ion Ratio Lower Upper
59 100
57 0.5 8.3 12.5#

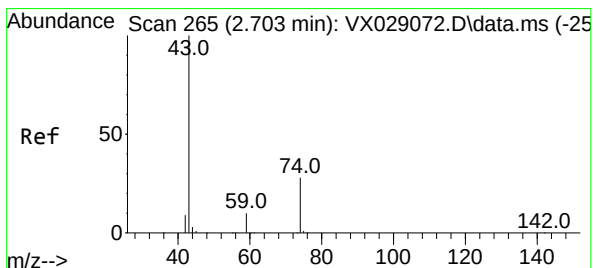
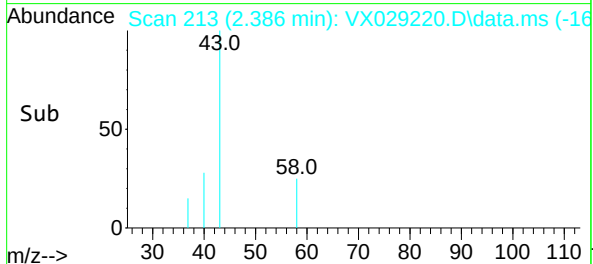
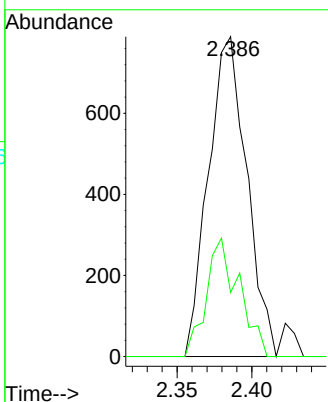
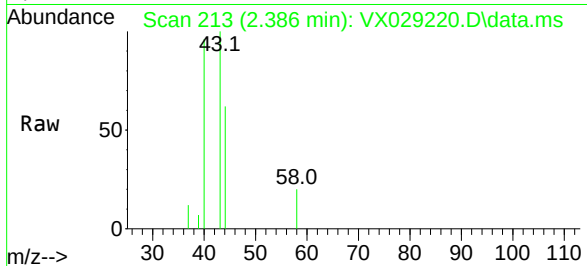




#16
Acetone
Concen: 0.988 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX029220.D
Acq: 04 Jun 2022 03:16

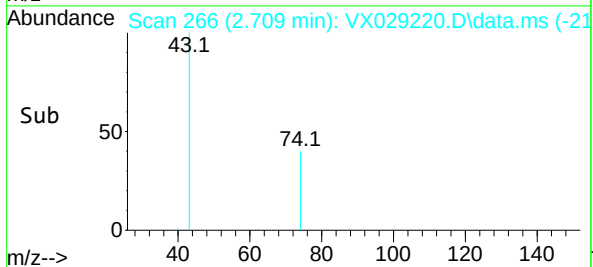
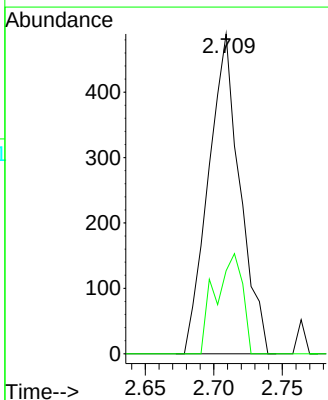
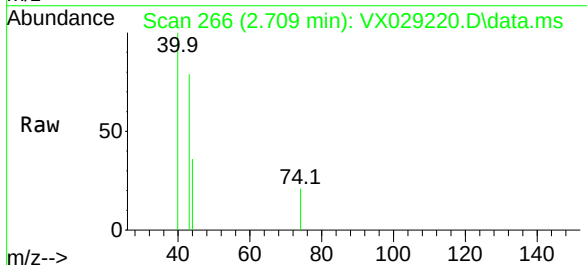
Instrument :
MSVOA_X
ClientSampleId :
11-MW-1-20220601

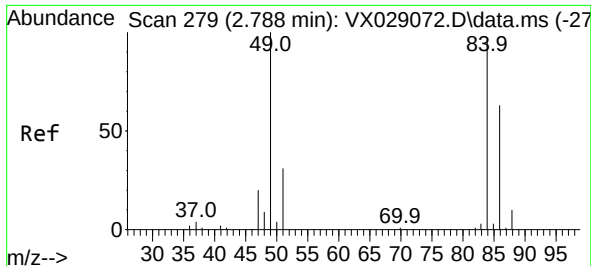
Tgt Ion: 43 Resp: 1406
Ion Ratio Lower Upper
43 100
58 20.0 28.8 43.2#



#18
Methyl Acetate
Concen: 0.213 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX029220.D
Acq: 04 Jun 2022 03:16

Tgt Ion: 43 Resp: 783
Ion Ratio Lower Upper
43 100
74 26.9 22.8 34.2





#20

Methylene Chloride

Concen: 0.575 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX029220.D

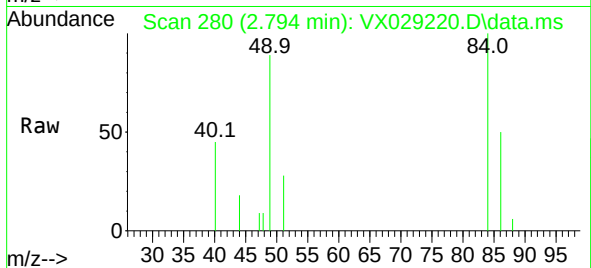
Acq: 04 Jun 2022 03:16

Instrument :

MSVOA_X

ClientSampleId :

11-MW-1-20220601



Tgt Ion: 84 Resp: 1909

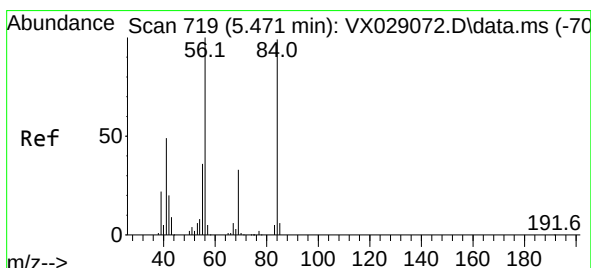
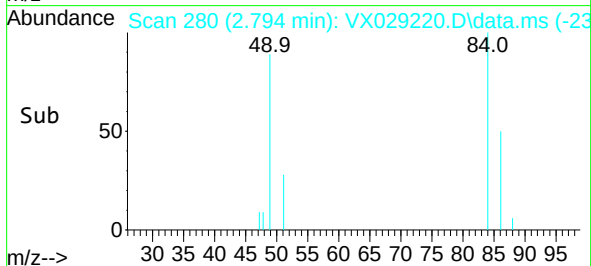
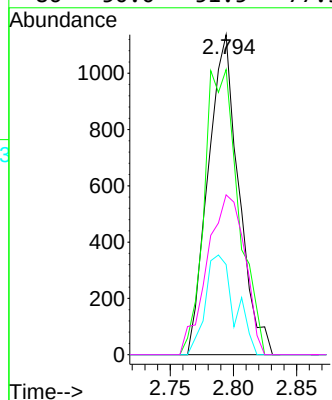
Ion Ratio Lower Upper

84 100

49 89.1 85.5 128.3

51 28.1 26.6 39.8

86 50.0 51.5 77.3#



#31

Cyclohexane

Concen: 1.312 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX029220.D

Acq: 04 Jun 2022 03:16

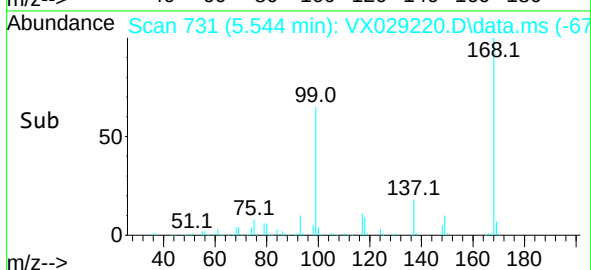
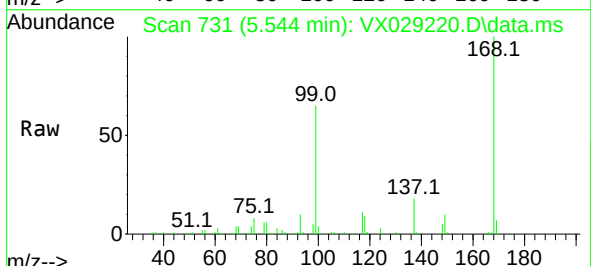
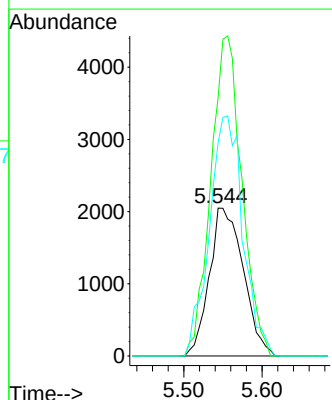
Tgt Ion: 56 Resp: 6167

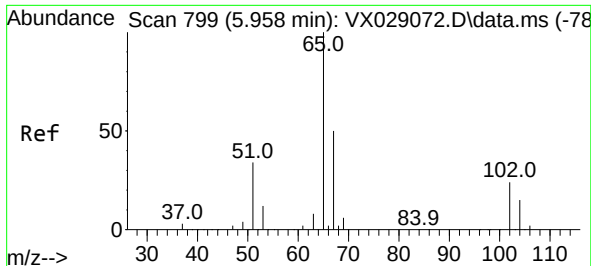
Ion Ratio Lower Upper

56 100

69 174.6 26.7 40.1#

84 144.3 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 60.321 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029220.D

Acq: 04 Jun 2022 03:16

Instrument :

MSVOA_X

ClientSampleId :

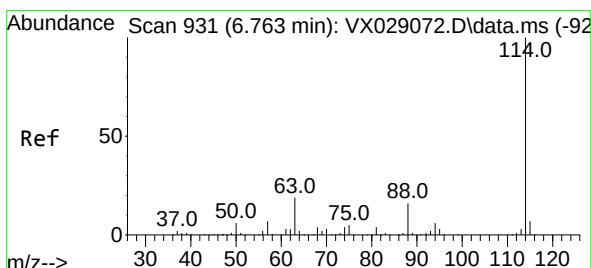
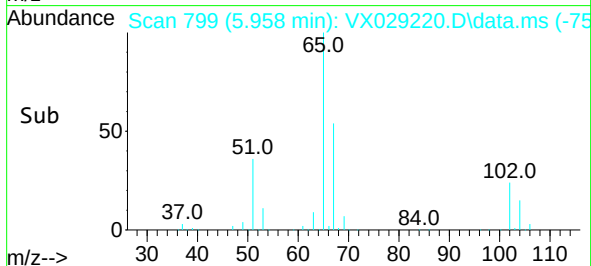
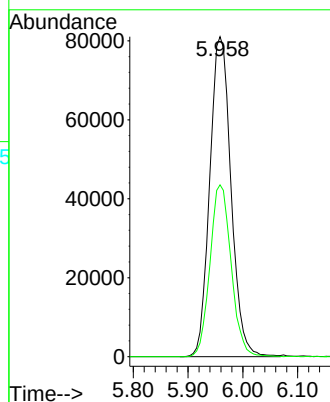
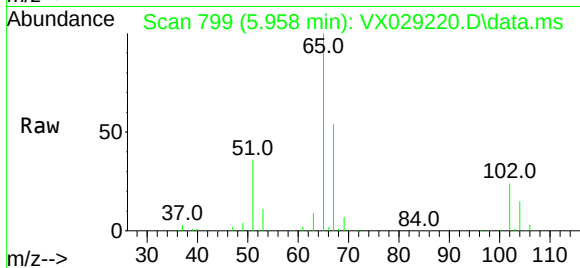
11-MW-1-20220601

Tgt Ion: 65 Resp: 218038

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX029220.D

Acq: 04 Jun 2022 03:16

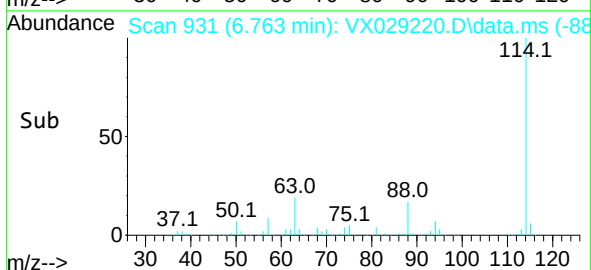
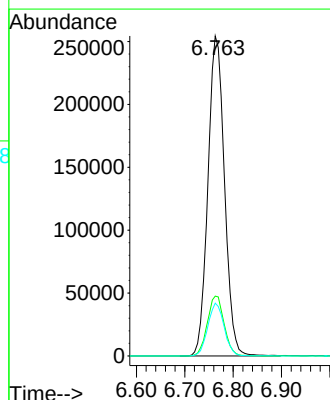
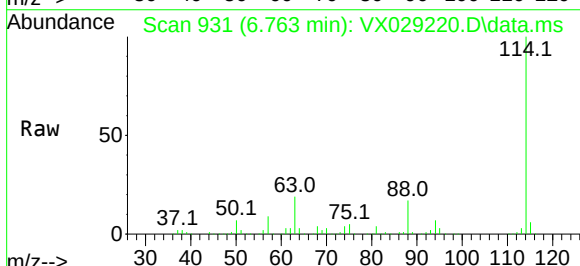
Tgt Ion: 114 Resp: 605596

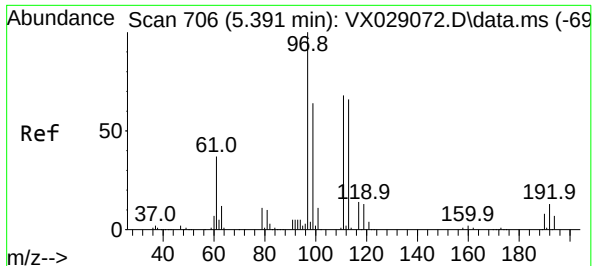
Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.8

88 16.5 0.0 32.4

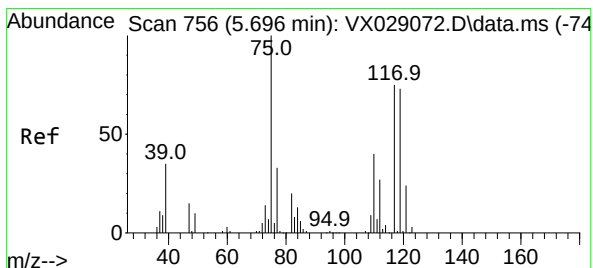
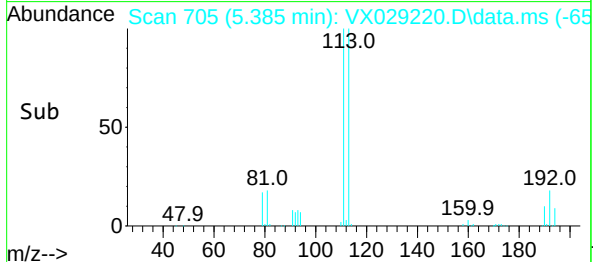
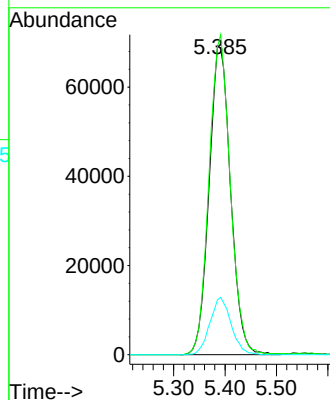
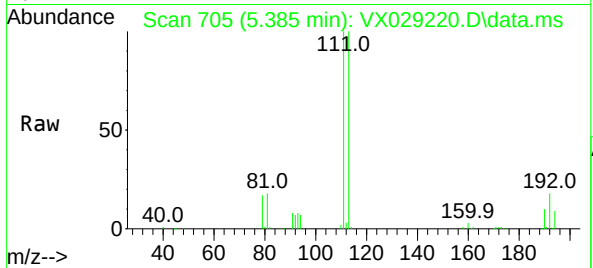




#35
Dibromofluoromethane
Concen: 50.004 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX029220.D
Acq: 04 Jun 2022 03:16

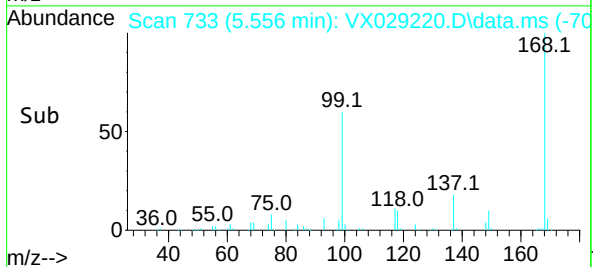
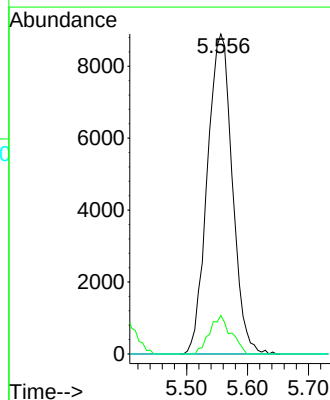
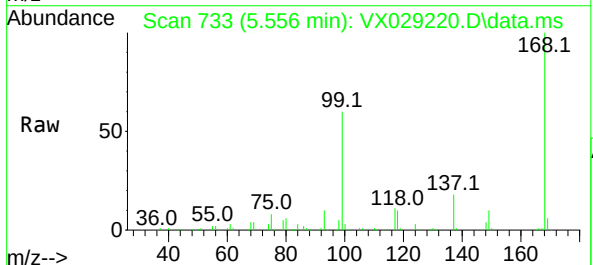
Instrument :
MSVOA_X
ClientSampleId :
11-MW-1-20220601

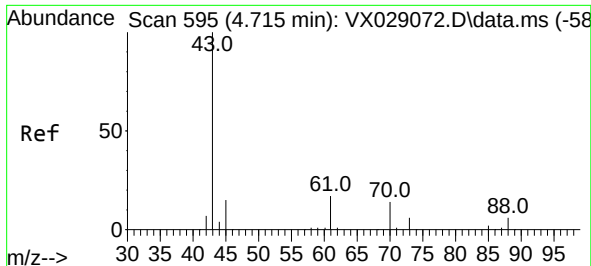
Tgt Ion:113 Resp: 201142
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 18.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.897 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029220.D
Acq: 04 Jun 2022 03:16

Tgt Ion: 75 Resp: 25348
Ion Ratio Lower Upper
75 100
110 10.3 18.3 54.8#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 0.816 ug/l

RT: 4.727 min Scan# 595

Delta R.T. 0.012 min

Lab File: VX029220.D

Acq: 04 Jun 2022 03:16

Instrument :

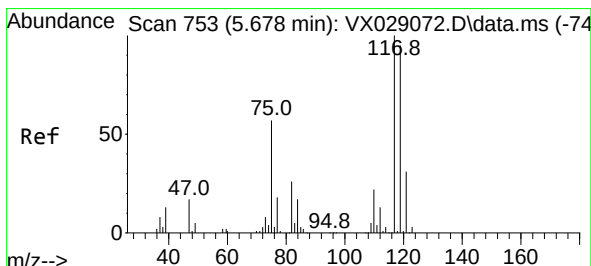
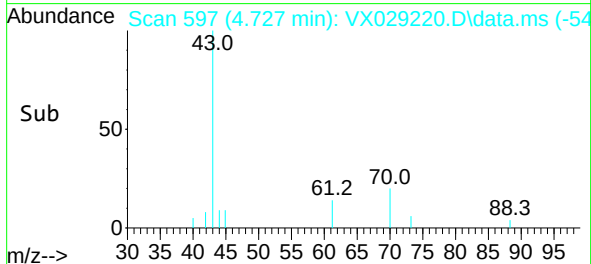
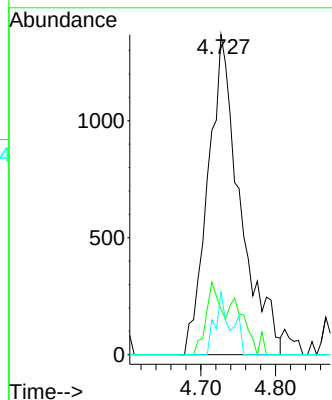
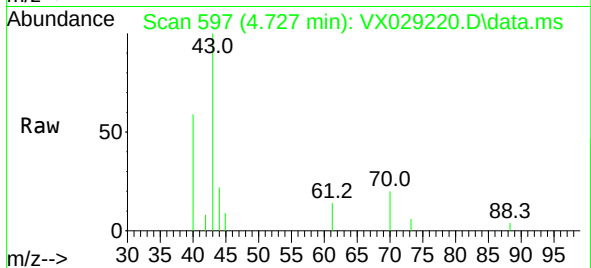
MSVOA_X

ClientSampleId :

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Tgt Ion: 43 Resp: 4094

Ion	Ratio	Lower	Upper
43	100		
61	11.0	12.6	19.0#
70	9.5	10.2	15.2#



#38

Carbon Tetrachloride

Concen: 5.666 ug/l

RT: 5.556 min Scan# 733

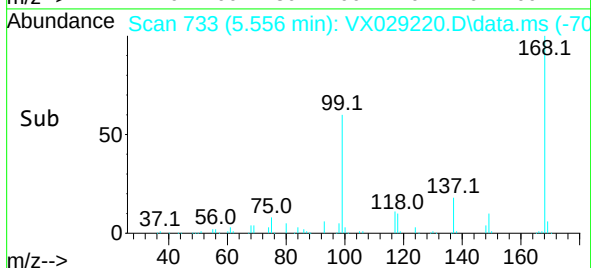
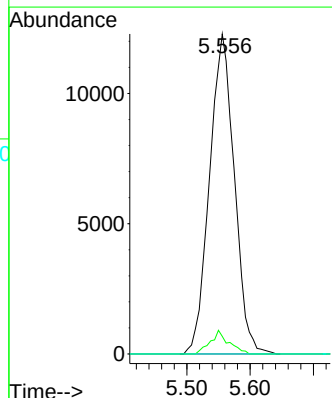
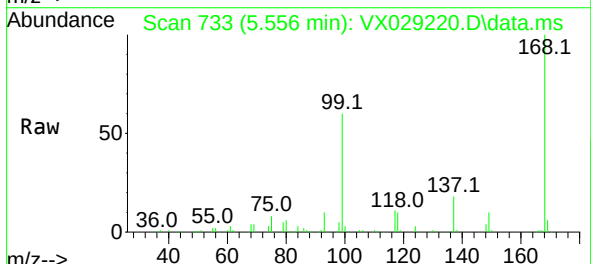
Delta R.T. -0.122 min

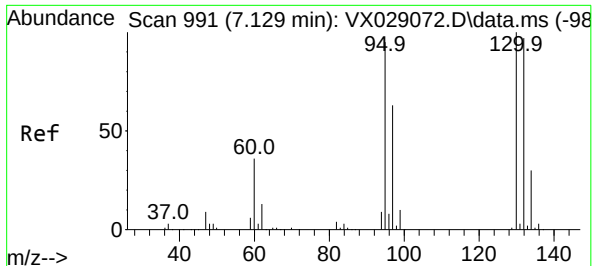
Lab File: VX029220.D

Acq: 04 Jun 2022 03:16

Tgt Ion: 117 Resp: 33512

Ion	Ratio	Lower	Upper
117	100		
119	5.5	77.3	115.9#
121	0.0	24.2	36.2#

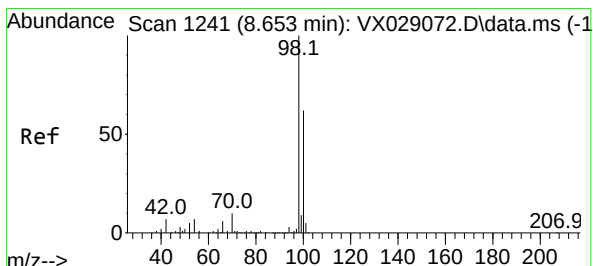
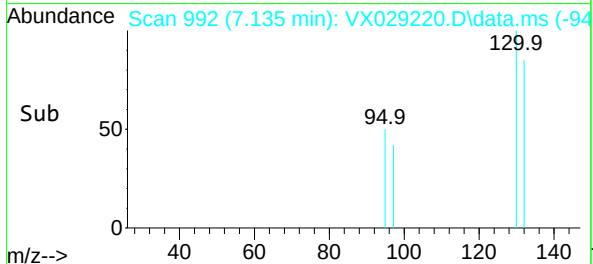
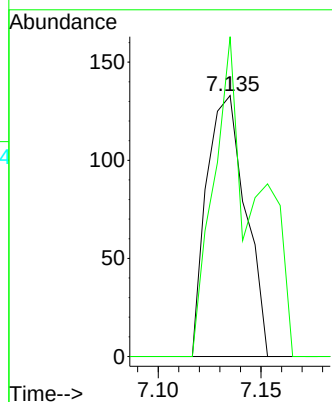
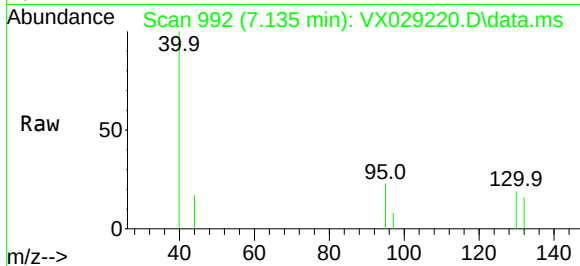




#44
 Trichloroethene
 Concen: Below Cal
 RT: 7.135 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX029220.D
 Acq: 04 Jun 2022 03:16

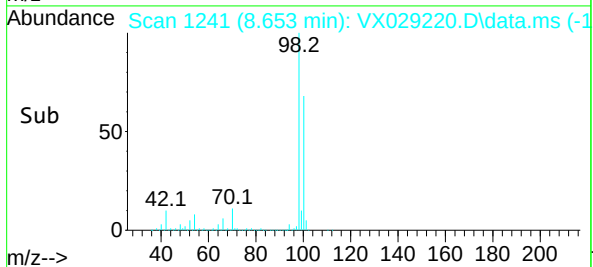
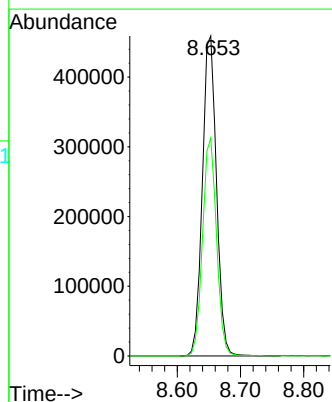
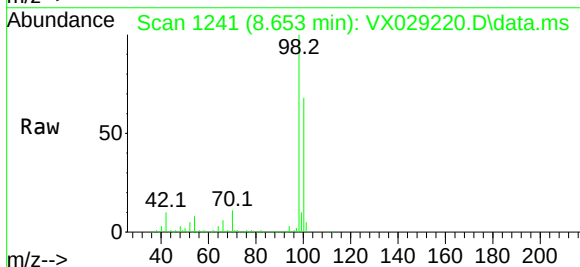
Instrument :
 MSVOA_X
 ClientSampleId :
 11-MW-1-20220601

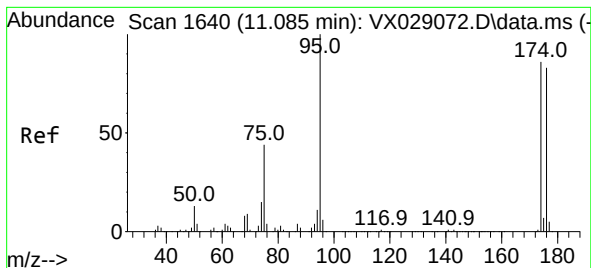
Tgt Ion:130 Resp: 175
 Ion Ratio Lower Upper
 130 100
 95 122.6 0.0 188.8



#50
 Toluene-d8
 Concen: 48.508 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. -0.000 min
 Lab File: VX029220.D
 Acq: 04 Jun 2022 03:16

Tgt Ion: 98 Resp: 713649
 Ion Ratio Lower Upper
 98 100
 100 67.5 52.6 78.8

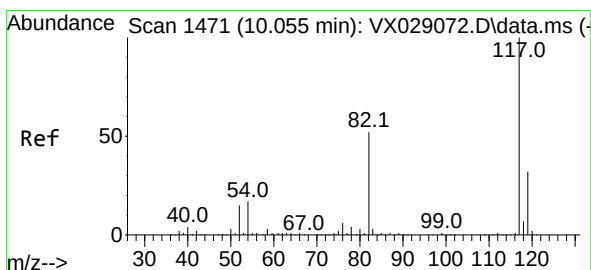
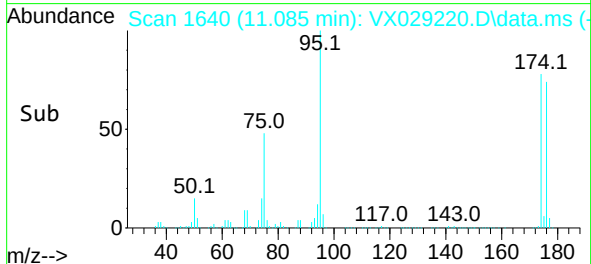
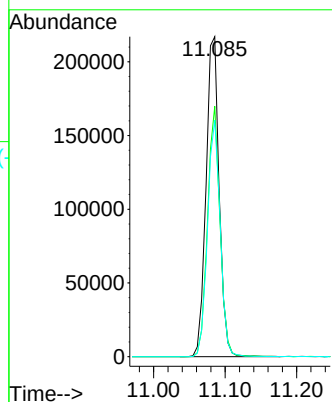
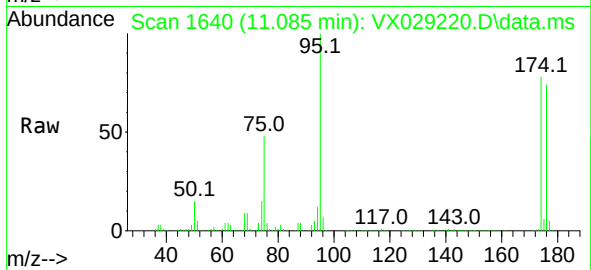




#62
4-Bromofluorobenzene
Concen: 48.797 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029220.D
Acq: 04 Jun 2022 03:16

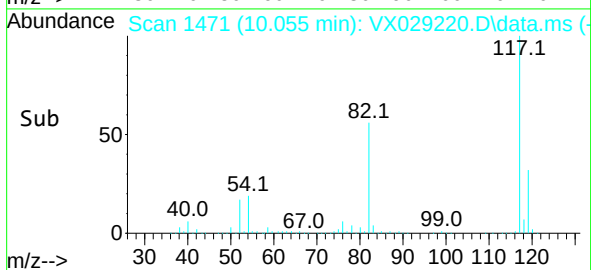
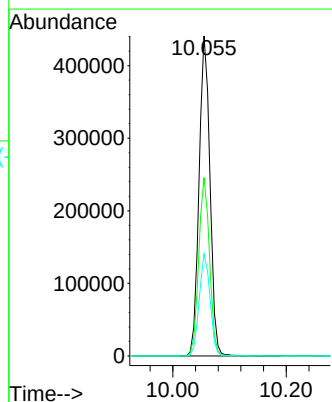
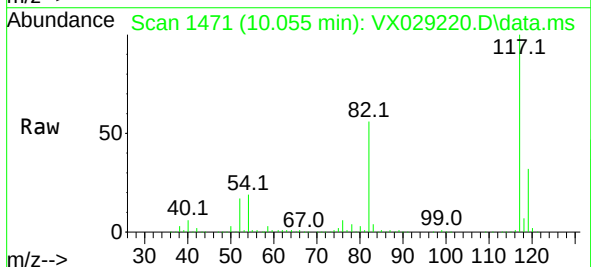
Instrument :
MSVOA_X
ClientSampleId :
11-MW-1-20220601

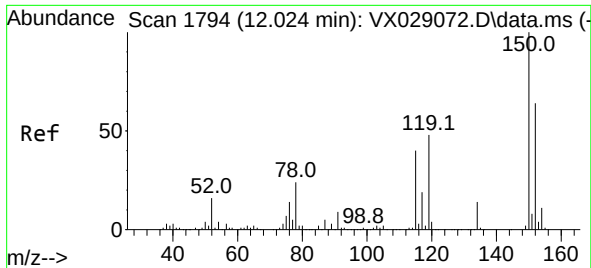
Tgt Ion: 95 Resp: 277505
Ion Ratio Lower Upper
95 100
174 74.2 0.0 163.0
176 71.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029220.D
Acq: 04 Jun 2022 03:16

Tgt Ion: 117 Resp: 587430
Ion Ratio Lower Upper
117 100
82 55.8 41.8 62.8
119 31.9 24.8 37.2

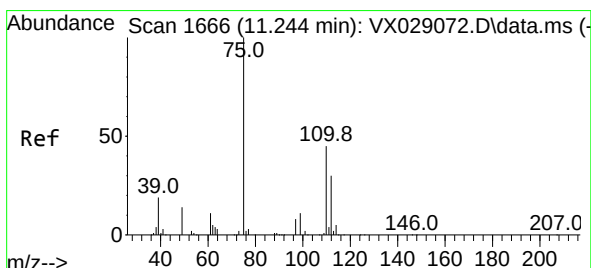
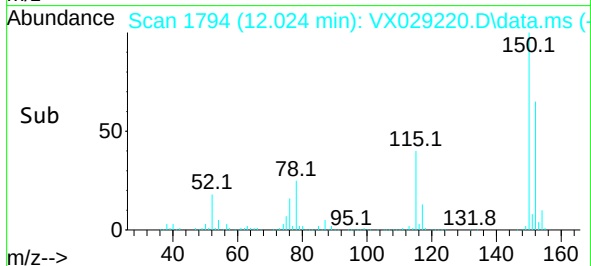
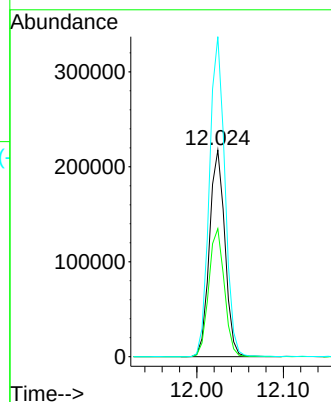
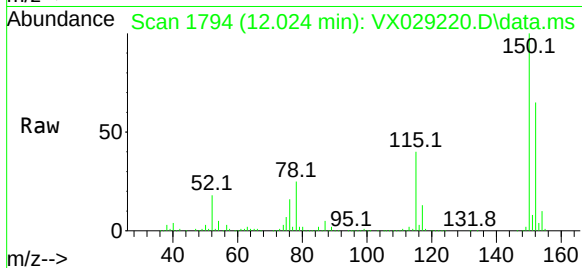




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029220.D
Acq: 04 Jun 2022 03:16

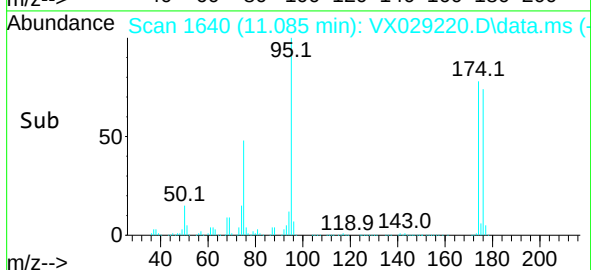
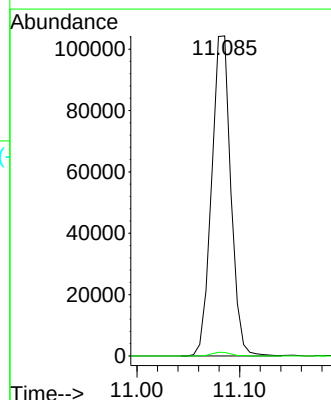
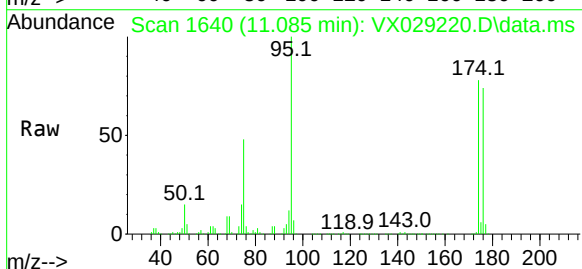
Instrument :
MSVOA_X
ClientSampleId :
11-MW-1-20220601

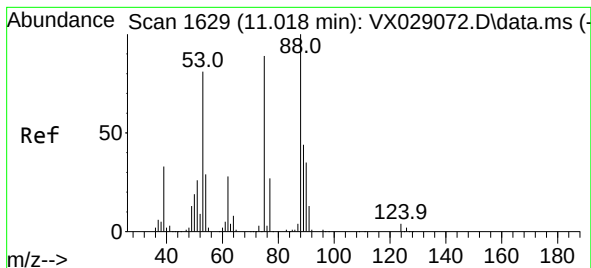
Tgt Ion:152 Resp: 269630
Ion Ratio Lower Upper
152 100
115 62.6 37.5 112.7
150 155.5 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 24.919 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX029220.D
Acq: 04 Jun 2022 03:16

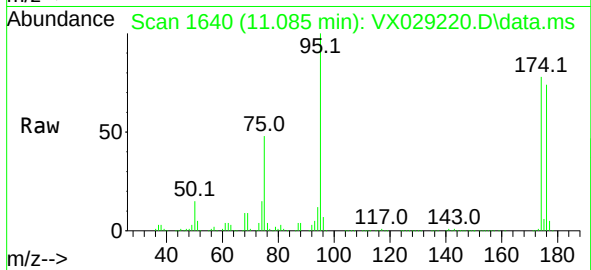
Tgt Ion: 75 Resp: 136206
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.109 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX029220.D
 Acq: 04 Jun 2022 03:16

Instrument :
 MSVOA_X
 ClientSampleId :
 11-MW-1-20220601



Tgt Ion: 75 Resp: 136206
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

