

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029888.D
 Acq On : 30 Jun 2022 02:54
 Operator : JC/MD
 Sample : N3481-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-21R

Quant Time: Jun 30 06:27:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

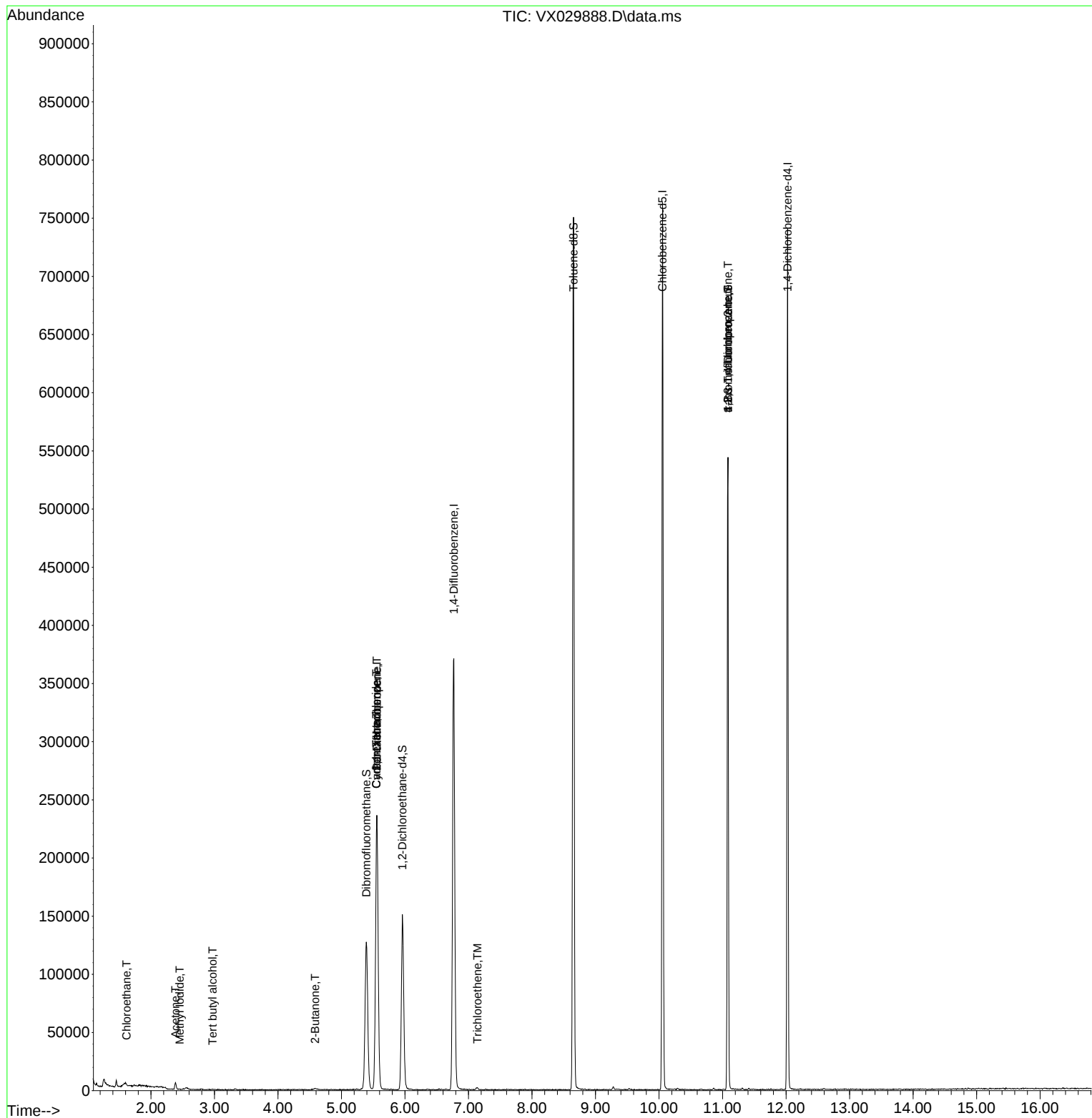
Internal Standards						
1) Pentafluorobenzene	5.556	168	232174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	403314	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	347750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	129270	43.985	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.980%
35) Dibromofluoromethane	5.391	113	115657	45.887	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.780%
50) Toluene-d8	8.653	98	457733	48.409	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.820%
62) 4-Bromofluorobenzene	11.085	95	152592	45.653	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.300%
Target Compounds						
					Qvalue	
6) Chloroethane	1.618	64	142	1.110	ug/l #	41
10) Methyl Iodide	2.453	142	151	1.919	ug/l #	45
11) Tert butyl alcohol	2.971	59	405	0.527	ug/l #	74
13) Acrolein	2.233	56	20	Below Cal	#	14
16) Acetone	2.386	43	6199	4.311	ug/l	96
25) 2-Butanone	4.587	43	1432	0.574	ug/l #	77
31) Cyclohexane	5.550	56	4459	1.088	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	17041	5.083	ug/l #	45
38) Carbon Tetrachloride	5.550	117	22890	7.880	ug/l #	18
44) Trichloroethene	7.141	130	795	0.272	ug/l	83
76) 1,2,3-Trichloropropane	11.085	75	72760	20.868	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	72760	66.273	ug/l #	13

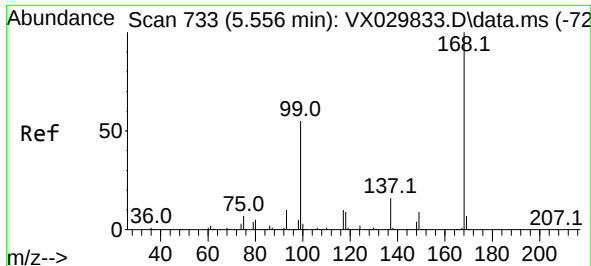
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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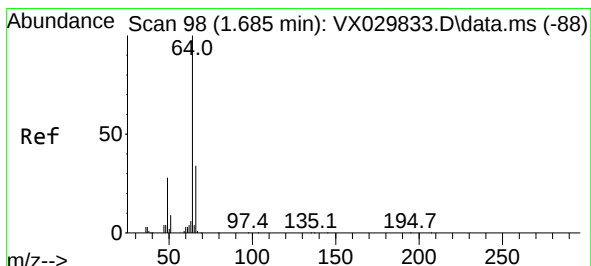
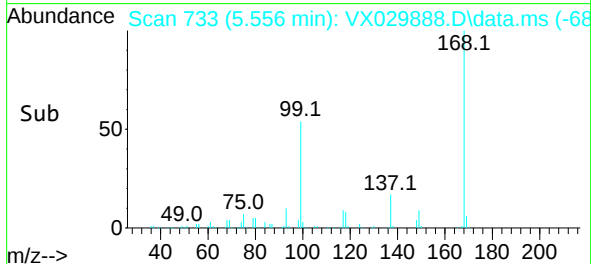
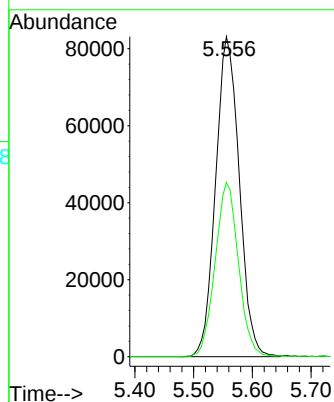
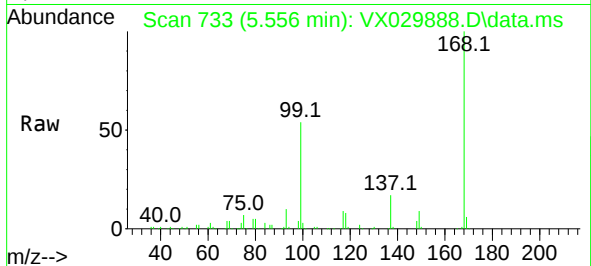




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029888.D
Acq: 30 Jun 2022 02:54

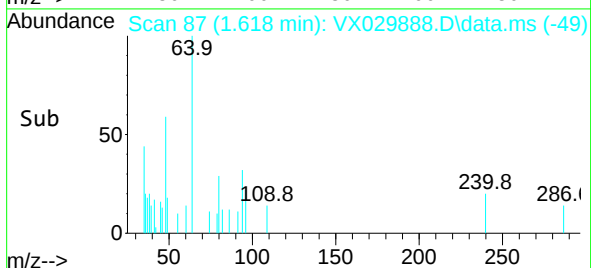
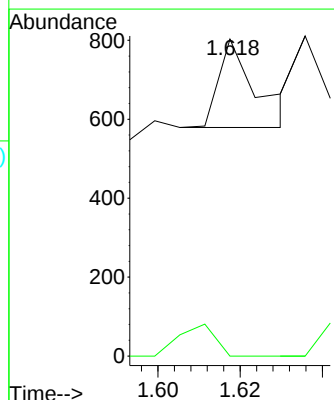
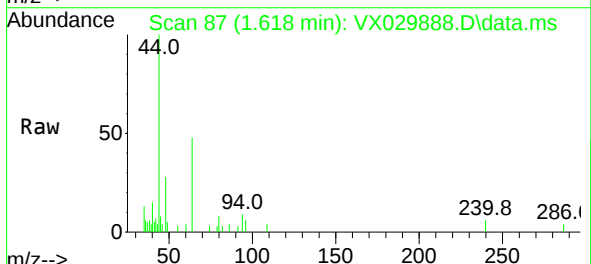
Instrument :
MSVOA_X
ClientSampleId :
MW-21R

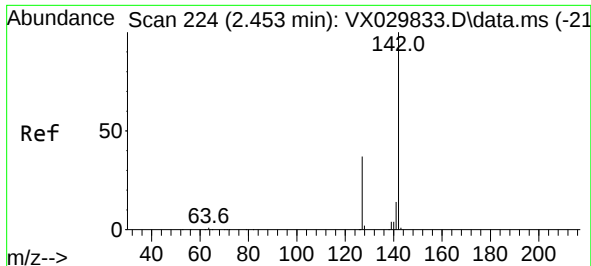
Tgt Ion:168 Resp: 232174
Ion Ratio Lower Upper
168 100
99 54.5 44.0 66.0



#6
Chloroethane
Concen: 1.110 ug/l
RT: 1.618 min Scan# 87
Delta R.T. -0.067 min
Lab File: VX029888.D
Acq: 30 Jun 2022 02:54

Tgt Ion: 64 Resp: 142
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

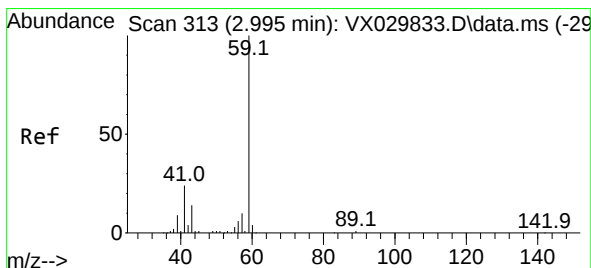
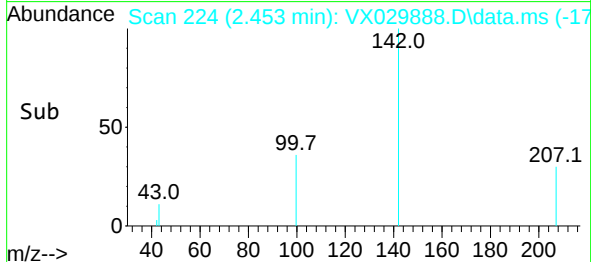
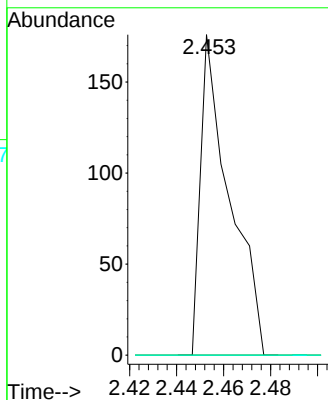
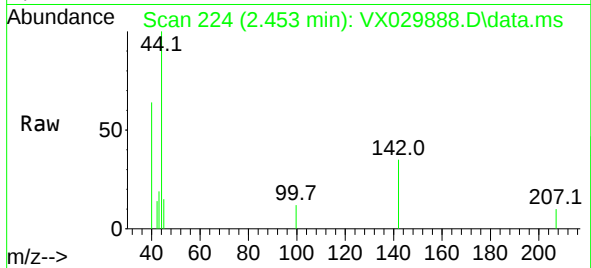




#10
Methyl Iodide
Concen: 1.919 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029888.D
Acq: 30 Jun 2022 02:54

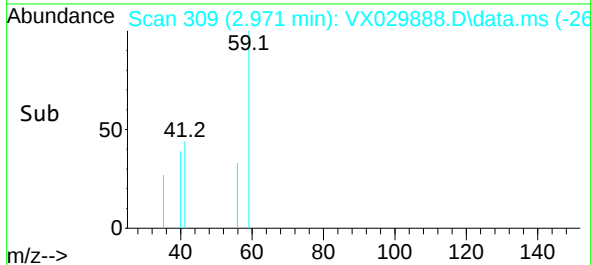
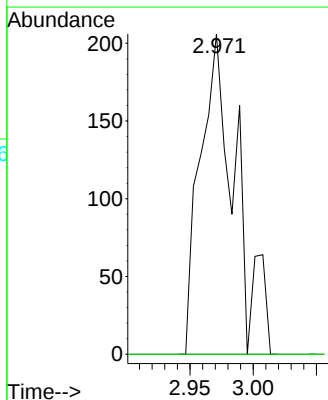
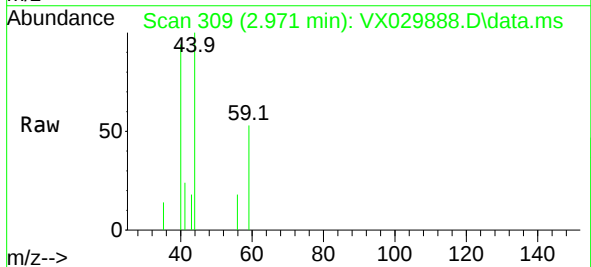
Instrument :
MSVOA_X
ClientSampleId :
MW-21R

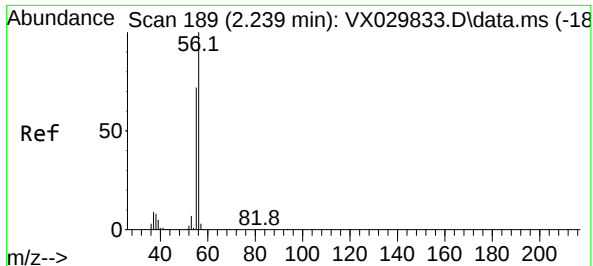
Tgt Ion:142 Resp: 151
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.527 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.024 min
Lab File: VX029888.D
Acq: 30 Jun 2022 02:54

Tgt Ion: 59 Resp: 405
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

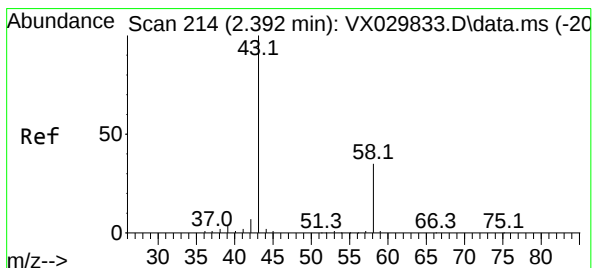
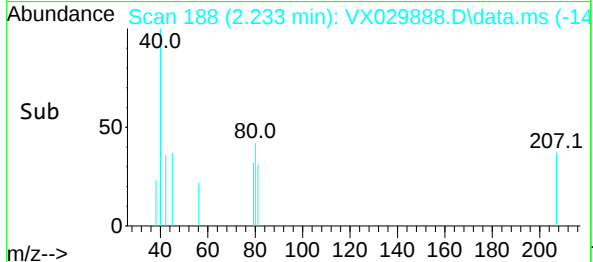
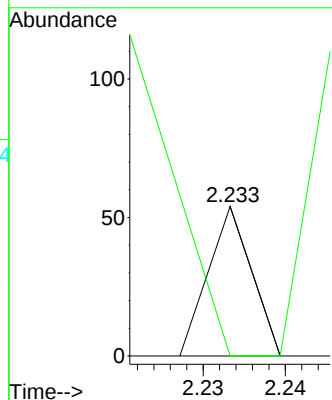
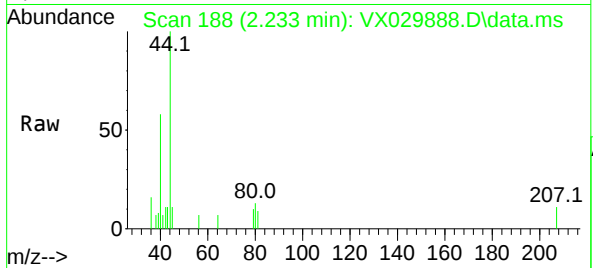




#13
Acrolein
Concen: Below Cal
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX029888.D
Acq: 30 Jun 2022 02:54

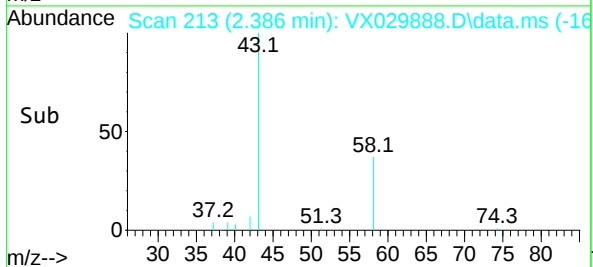
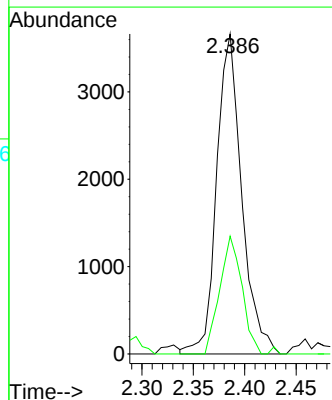
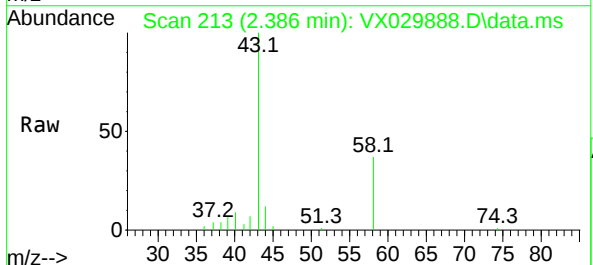
Instrument :
MSVOA_X
ClientSampleId :
MW-21R

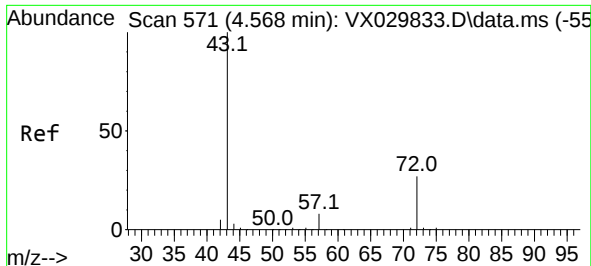
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#16
Acetone
Concen: 4.311 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX029888.D
Acq: 30 Jun 2022 02:54

Tgt Ion: 43 Resp: 6199
Ion Ratio Lower Upper
43 100
58 36.8 27.7 41.5

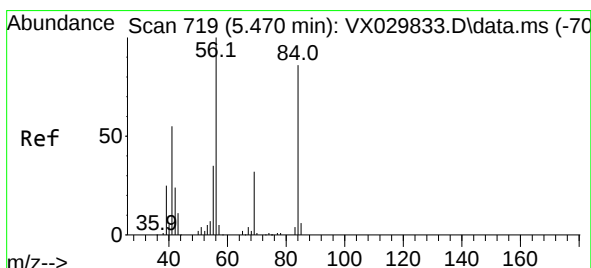
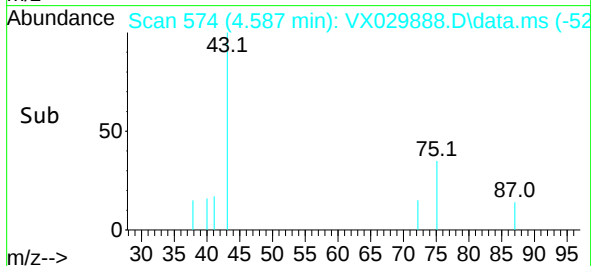
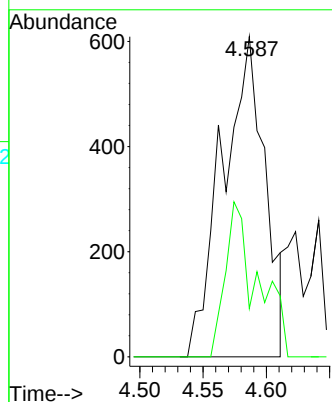
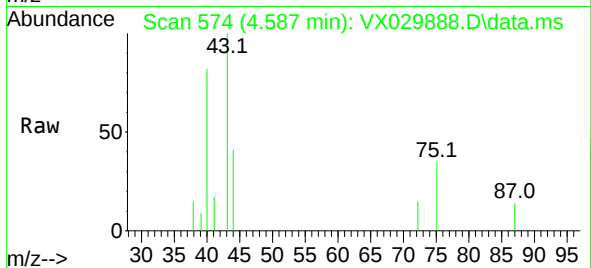




#25
2-Butanone
Concen: 0.574 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX029888.D
Acq: 30 Jun 2022 02:54

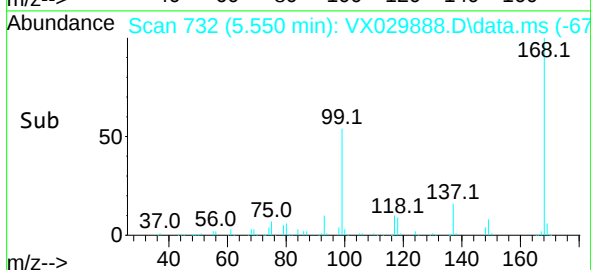
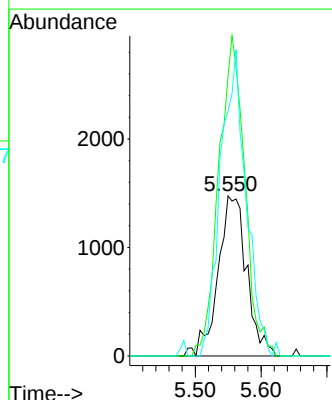
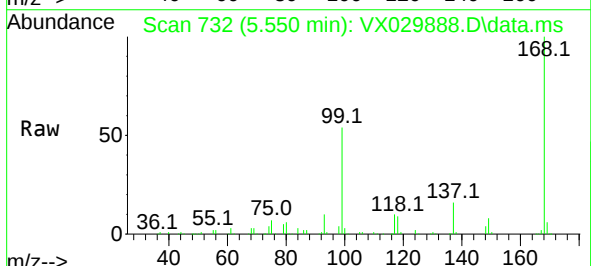
Instrument :
MSVOA_X
ClientSampleId :
MW-21R

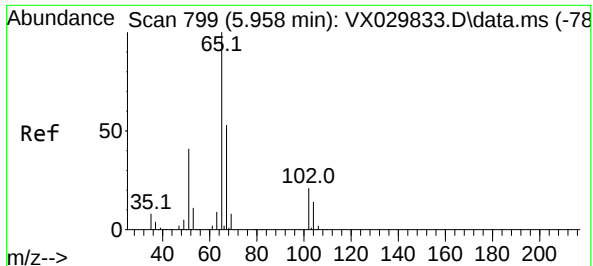
Tgt Ion: 43 Resp: 1432
Ion Ratio Lower Upper
43 100
72 15.1 21.7 32.5#



#31
Cyclohexane
Concen: 1.088 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX029888.D
Acq: 30 Jun 2022 02:54

Tgt Ion: 56 Resp: 4459
Ion Ratio Lower Upper
56 100
69 174.8 25.4 38.0#
84 153.1 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 43.985 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029888.D

Acq: 30 Jun 2022 02:54

Instrument :

MSVOA_X

ClientSampleId :

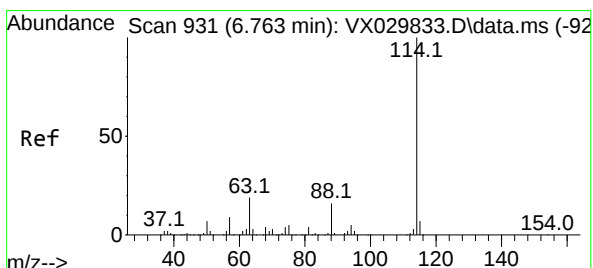
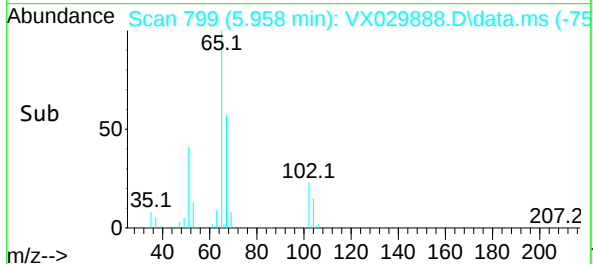
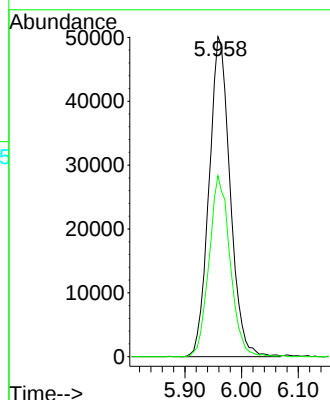
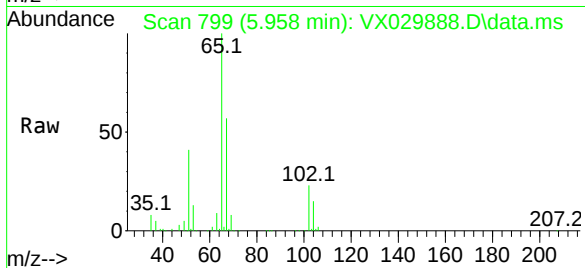
MW-21R

Tgt Ion: 65 Resp: 129270

Ion Ratio Lower Upper

65 100

67 56.3 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: VX029888.D

Acq: 30 Jun 2022 02:54

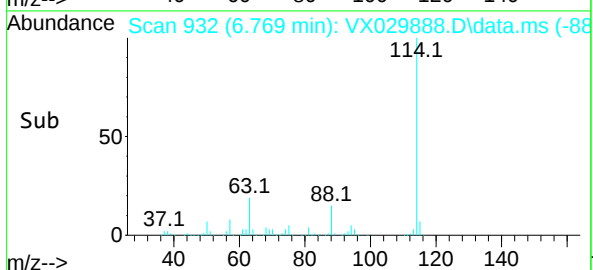
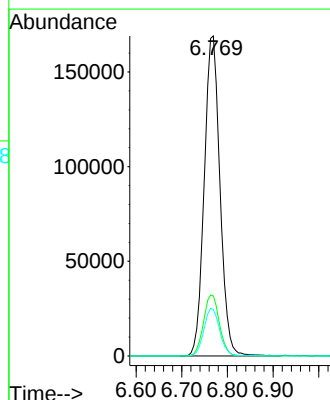
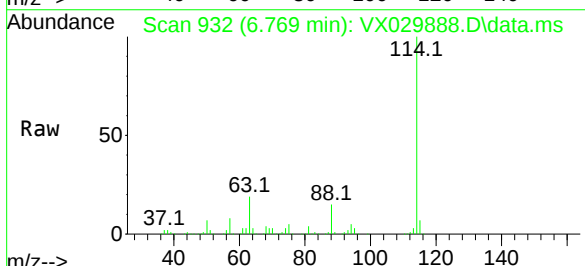
Tgt Ion: 114 Resp: 403314

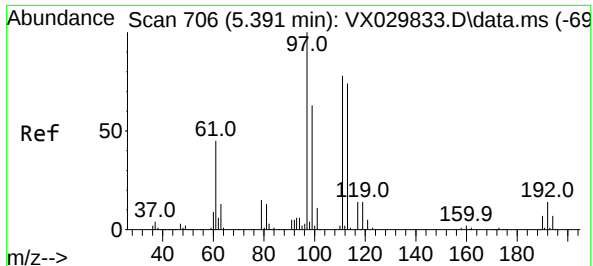
Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.4

88 14.5 0.0 31.8

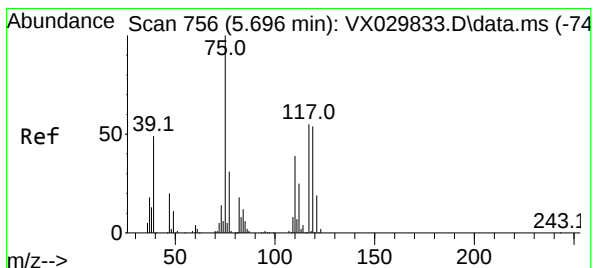
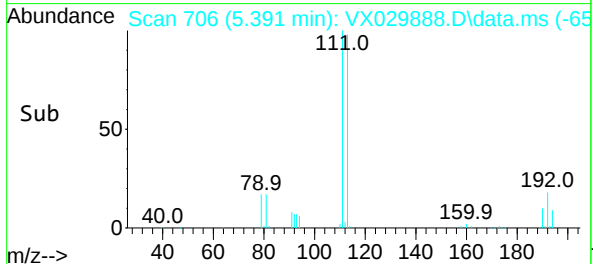
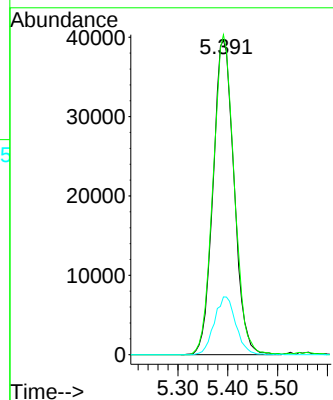
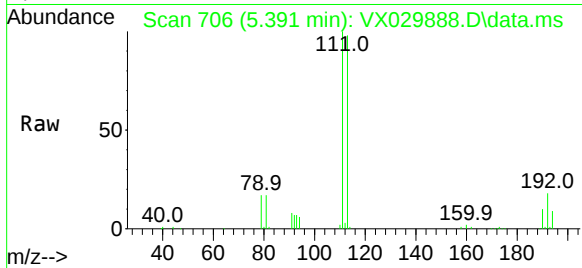




#35
Dibromofluoromethane
Concen: 45.887 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029888.D
Acq: 30 Jun 2022 02:54

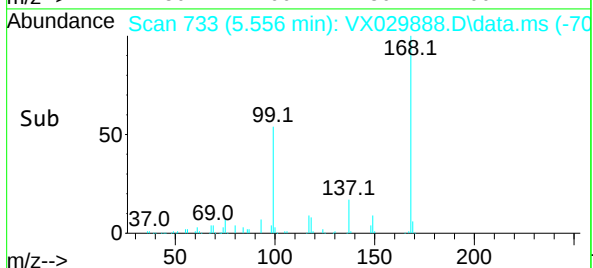
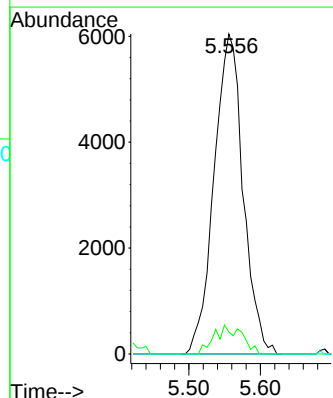
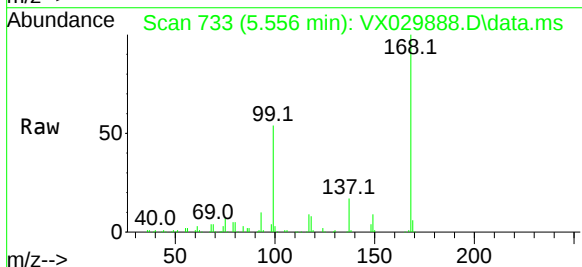
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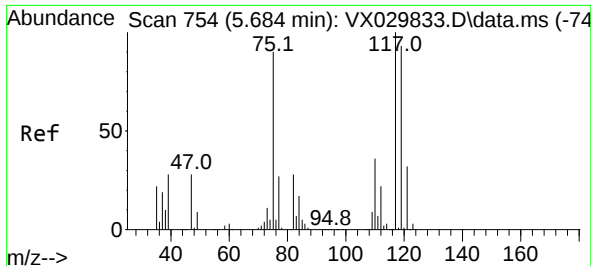
Tgt Ion:113 Resp: 115657
Ion Ratio Lower Upper
113 100
111 102.1 83.2 124.8
192 18.9 14.8 22.2



#36
1,1-Dichloropropene
Concen: 5.083 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029888.D
Acq: 30 Jun 2022 02:54

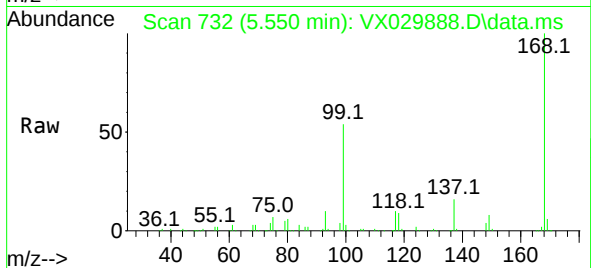
Tgt Ion: 75 Resp: 17041
Ion Ratio Lower Upper
75 100
110 5.6 19.3 57.9#
77 0.0 24.4 36.6#



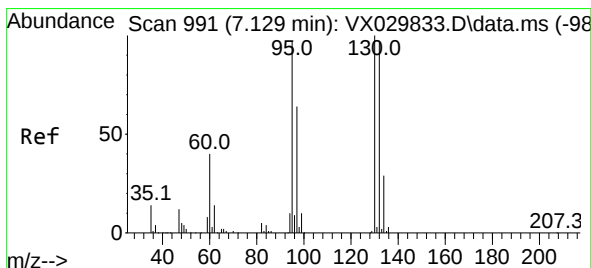
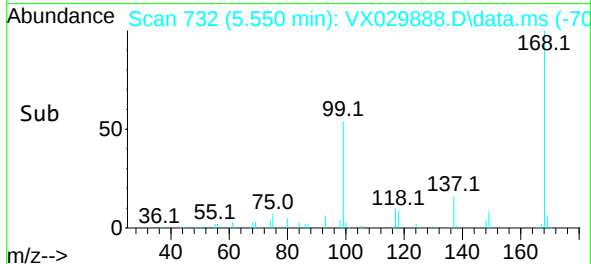
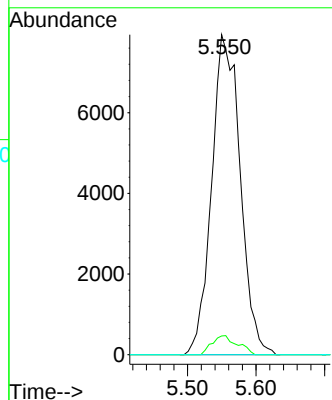


#38
Carbon Tetrachloride
Concen: 7.880 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX029888.D
Acq: 30 Jun 2022 02:54

Instrument :
MSVOA_X
ClientSampleId :
MW-21R

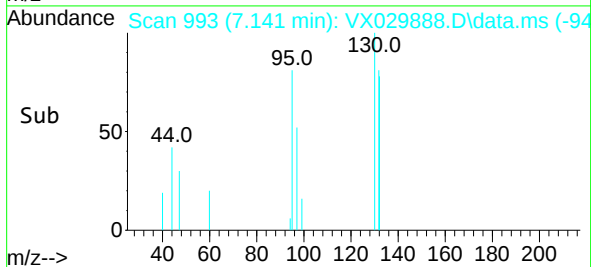
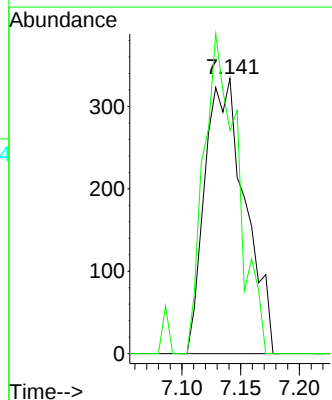
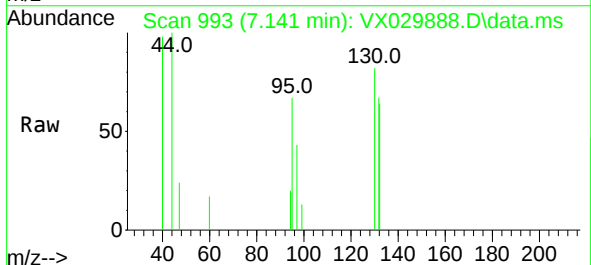


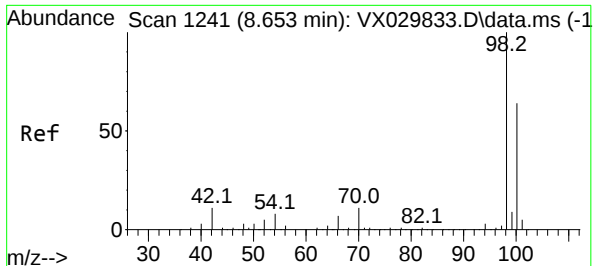
Tgt Ion:117 Resp: 22890
Ion Ratio Lower Upper
117 100
119 5.9 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.272 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX029888.D
Acq: 30 Jun 2022 02:54

Tgt Ion:130 Resp: 795
Ion Ratio Lower Upper
130 100
95 81.1 0.0 194.8

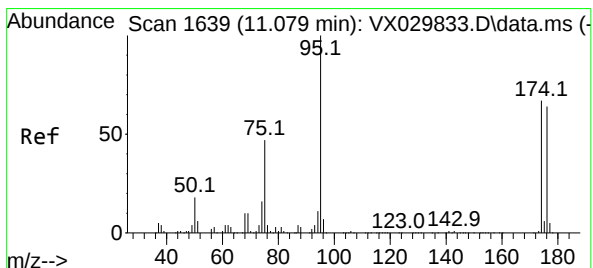
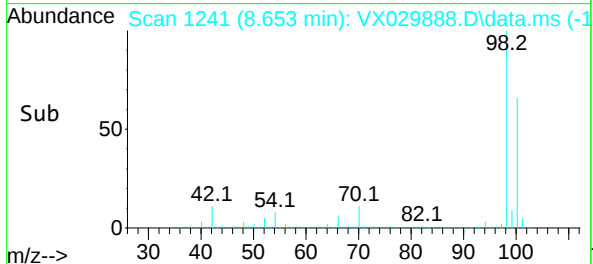
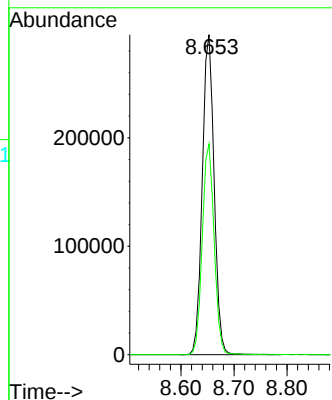
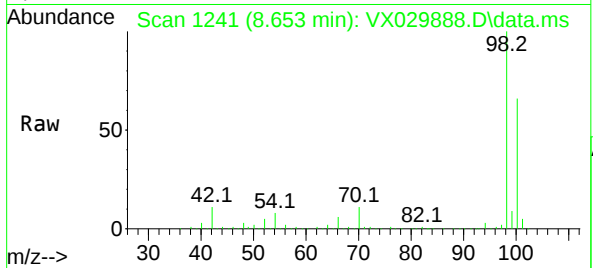




#50
Toluene-d8
Concen: 48.409 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029888.D
Acq: 30 Jun 2022 02:54

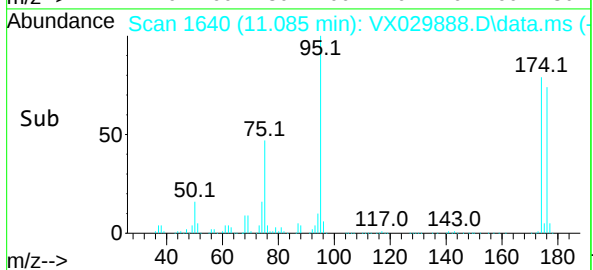
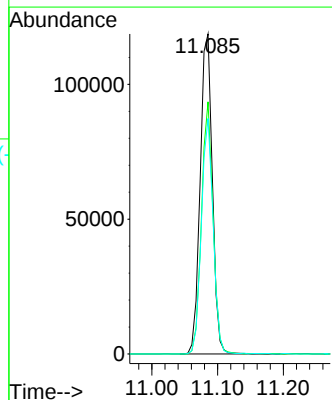
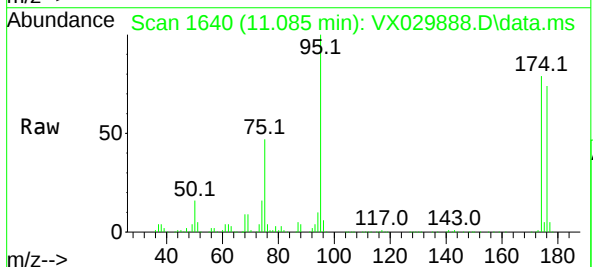
Instrument :
MSVOA_X
ClientSampleId :
MW-21R

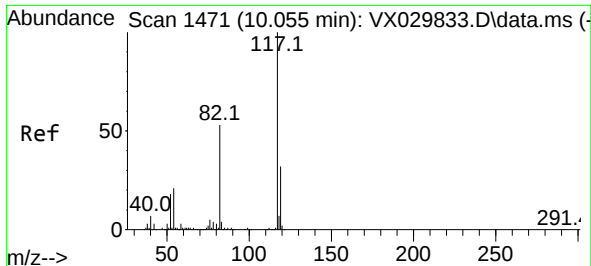
Tgt Ion: 98 Resp: 457733
Ion Ratio Lower Upper
98 100
100 65.9 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 45.653 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029888.D
Acq: 30 Jun 2022 02:54

Tgt Ion: 95 Resp: 152592
Ion Ratio Lower Upper
95 100
174 74.6 0.0 149.0
176 71.3 0.0 146.0

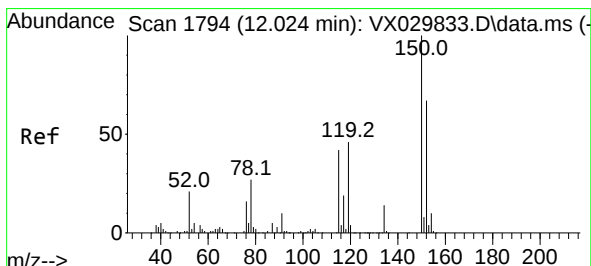
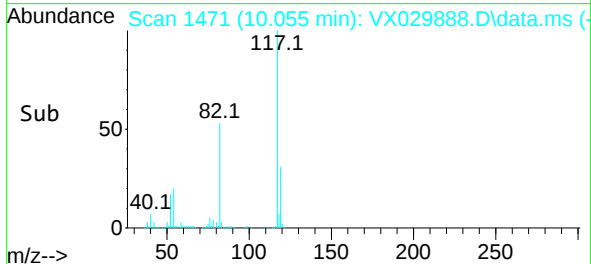
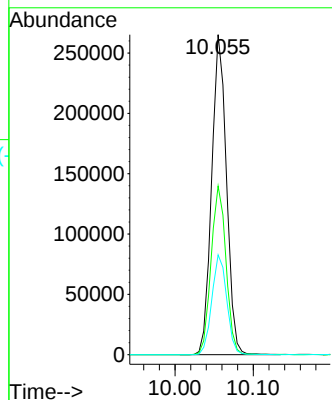
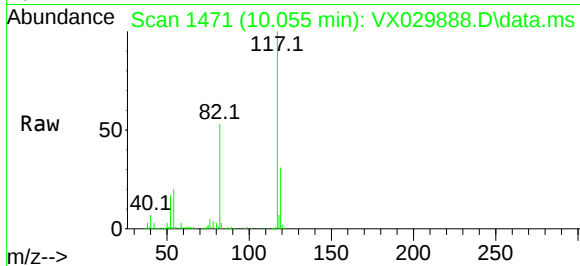




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029888.D
Acq: 30 Jun 2022 02:54

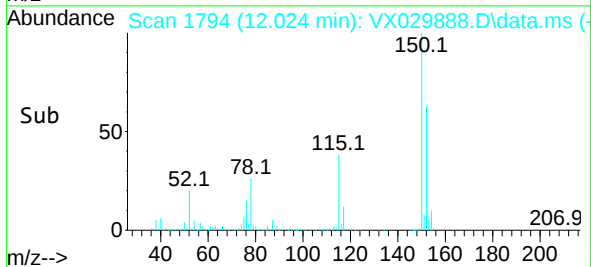
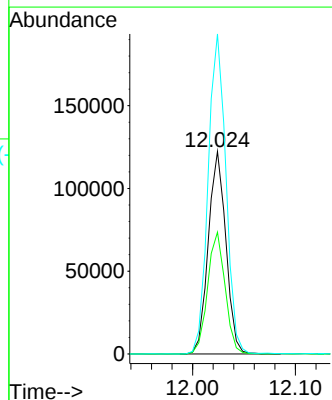
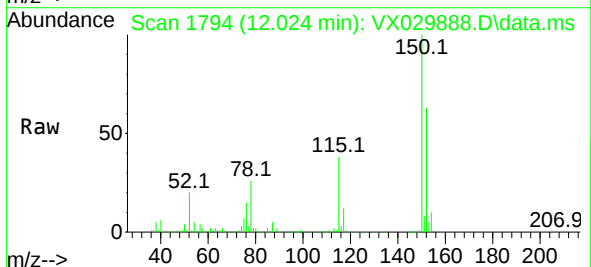
Instrument :
MSVOA_X
ClientSampleId :
MW-21R

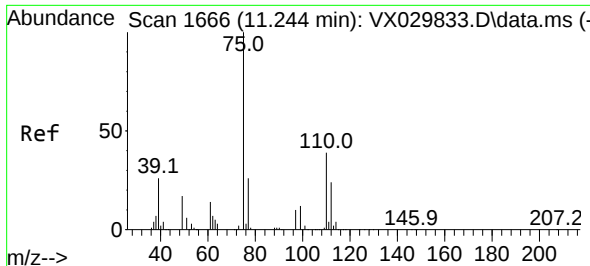
Tgt Ion:117 Resp: 347750
Ion Ratio Lower Upper
117 100
82 52.7 42.7 64.1
119 31.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029888.D
Acq: 30 Jun 2022 02:54

Tgt Ion:152 Resp: 145648
Ion Ratio Lower Upper
152 100
115 59.8 40.5 121.5
150 159.7 0.0 347.0

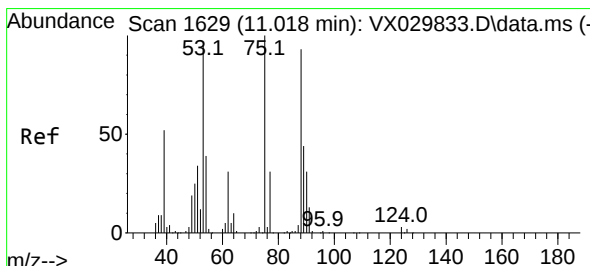
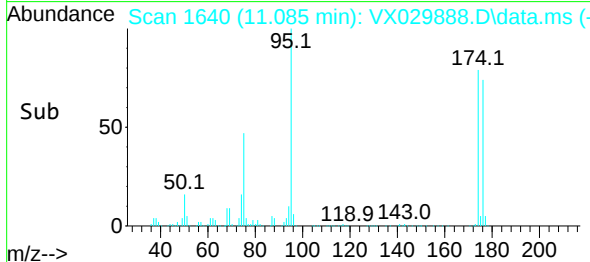
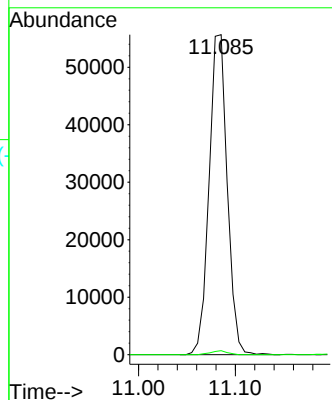
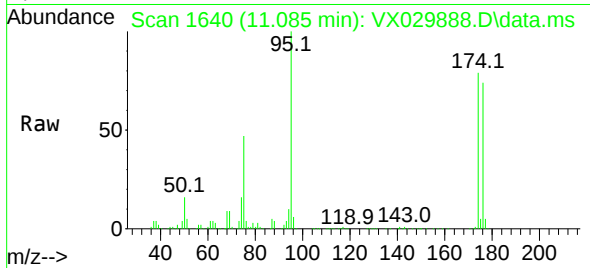




#76
1,2,3-Trichloropropane
Concen: 20.868 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX029888.D
Acq: 30 Jun 2022 02:54

Instrument :
MSVOA_X
ClientSampleId :
MW-21R

Tgt Ion: 75 Resp: 72760
Ion Ratio Lower Upper
75 100
77 1.1 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.273 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX029888.D
Acq: 30 Jun 2022 02:54

Tgt Ion: 75 Resp: 72760
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

