

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029592.D
 Acq On : 19 Jun 2022 00:44
 Operator : JC/MD
 Sample : N3290-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-22

Quant Time: Jun 20 01:38:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

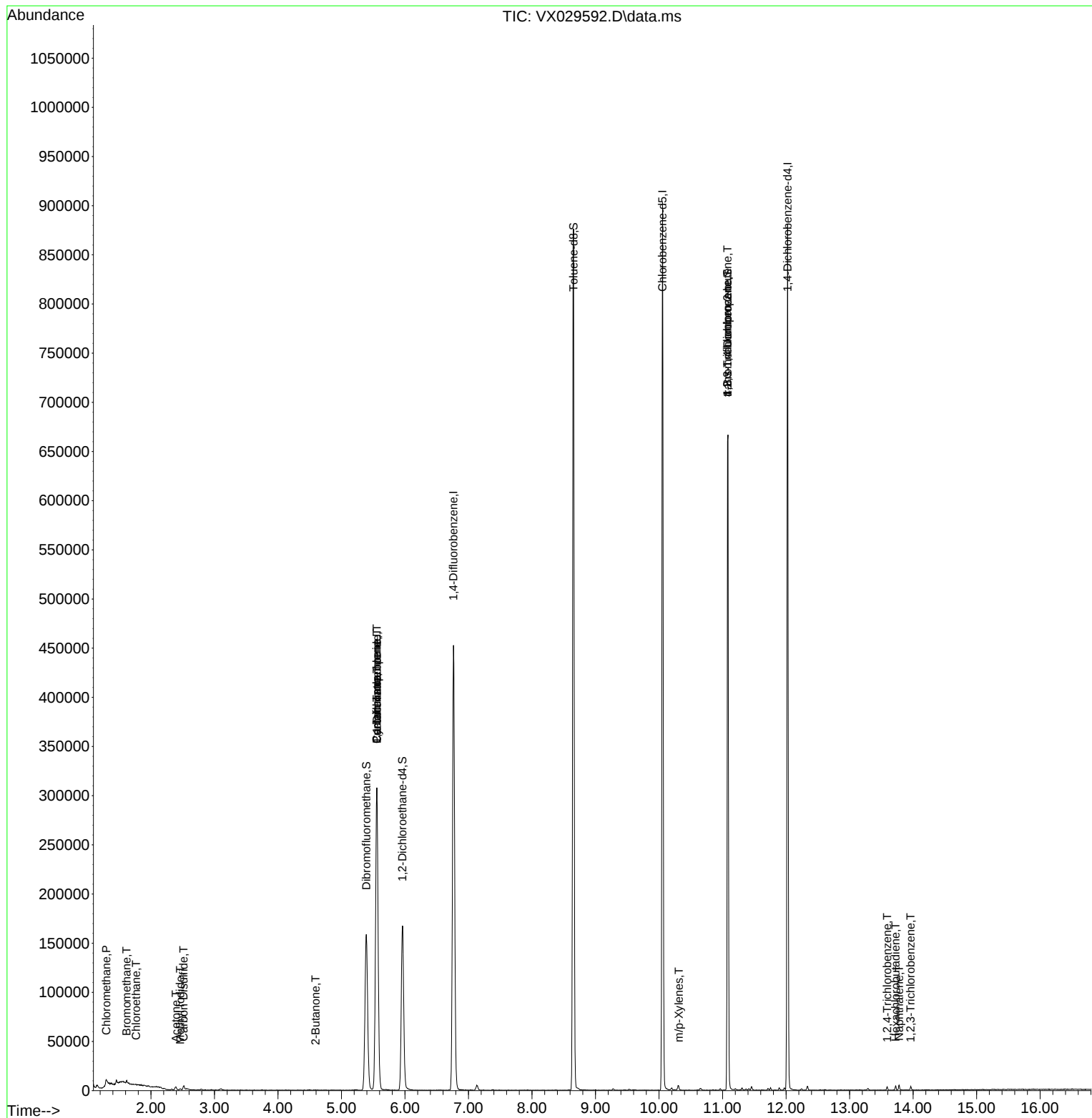
Internal Standards						
1) Pentafluorobenzene	5.556	168	290045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	480396	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	419239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	179000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	162968	42.446	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.900%
35) Dibromofluoromethane	5.391	113	144484	46.151	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.300%
50) Toluene-d8	8.653	98	548721	47.978	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.960%
62) 4-Bromofluorobenzene	11.079	95	197063	45.690	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.380%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1470	0.388	ug/l	92
5) Bromomethane	1.617	94	900	0.506	ug/l	83
6) Chloroethane	1.764	64	542	1.486	ug/l #	43
10) Methyl Iodide	2.459	142	1467	3.415	ug/l	96
11) Tert butyl alcohol	2.989	59	42	Below Cal	#	72
16) Acetone	2.392	43	3480	2.274	ug/l	100
17) Carbon Disulfide	2.514	76	6485	0.851	ug/l	98
25) 2-Butanone	4.592	43	508	0.210	ug/l #	44
31) Cyclohexane	5.556	56	5300	1.028	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	21623	5.103	ug/l #	49
38) Carbon Tetrachloride	5.556	117	30439	7.305	ug/l #	17
44) Trichloroethene	7.141	130	2174	Below Cal		97
68) m/p-Xylenes	10.311	106	1218	0.211	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	94218	24.162	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	94218	80.379	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.591	180	963	0.275	ug/l	88
94) Hexachlorobutadiene	13.725	225	556	0.388	ug/l	81
95) Naphthalene	13.780	128	3598	0.287	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	941	0.269	ug/l	94

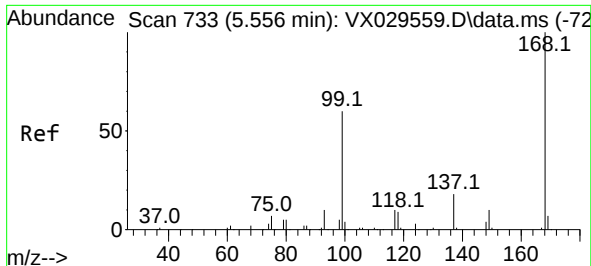
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

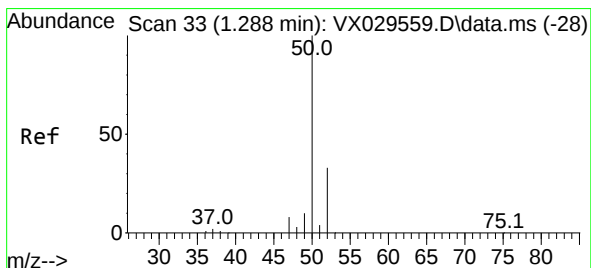
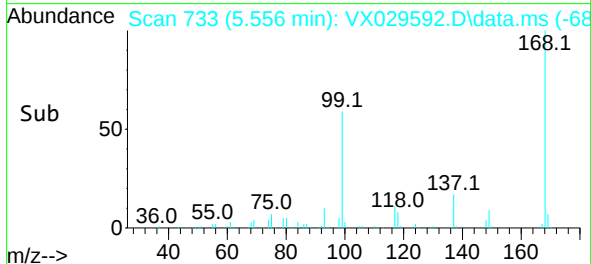
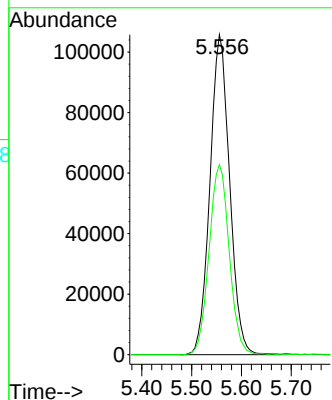
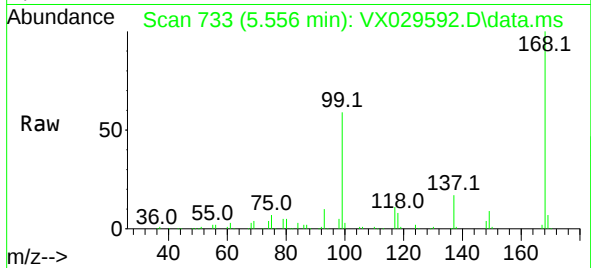




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029592.D
Acq: 19 Jun 2022 00:44

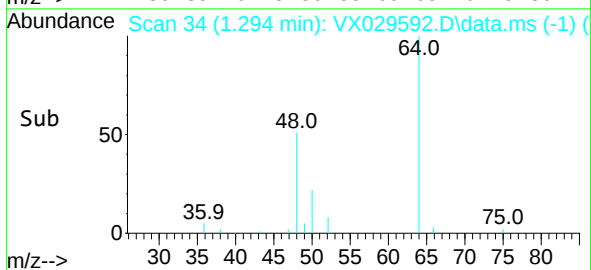
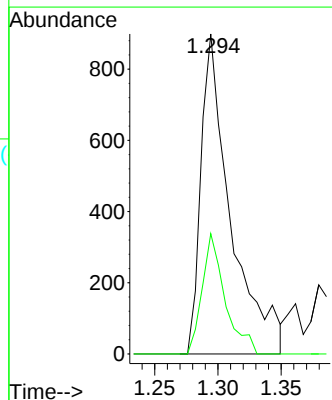
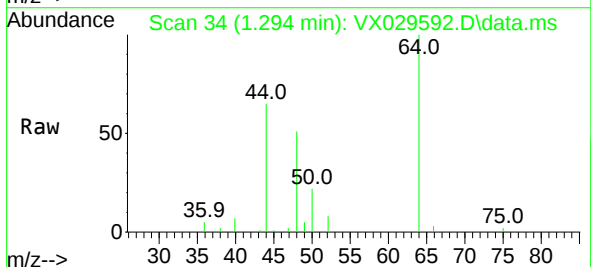
Instrument :
MSVOA_X
ClientSampleId :
MW-22

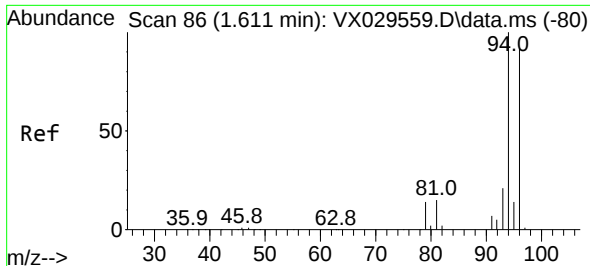
Tgt Ion:168 Resp: 290045
Ion Ratio Lower Upper
168 100
99 59.4 41.7 62.5



#3
Chloromethane
Concen: 0.388 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029592.D
Acq: 19 Jun 2022 00:44

Tgt Ion: 50 Resp: 1470
Ion Ratio Lower Upper
50 100
52 37.6 26.4 39.6

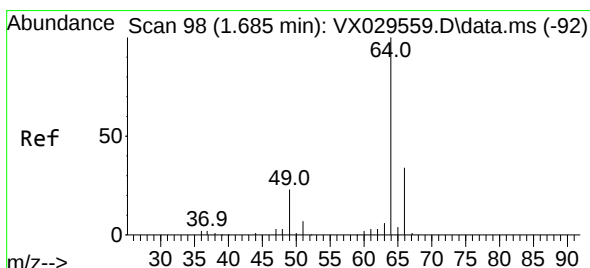
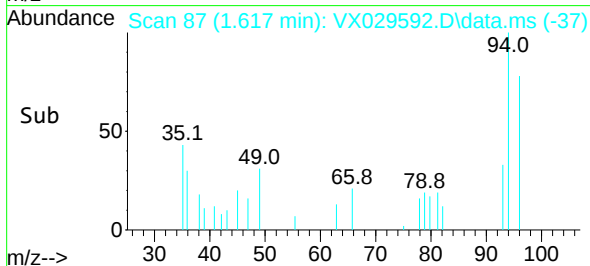
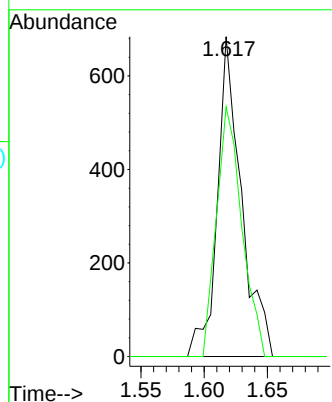
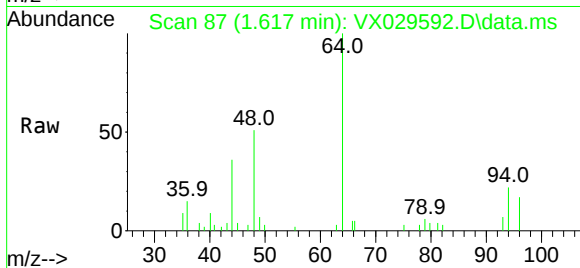




#5
Bromomethane
Concen: 0.506 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX029592.D
Acq: 19 Jun 2022 00:44

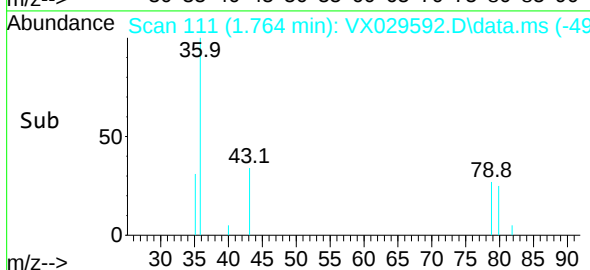
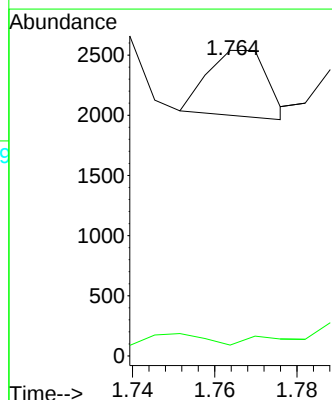
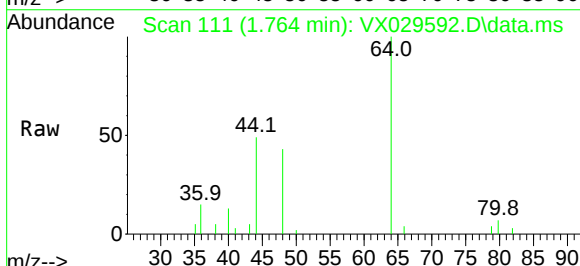
Instrument :
MSVOA_X
ClientSampleId :
MW-22

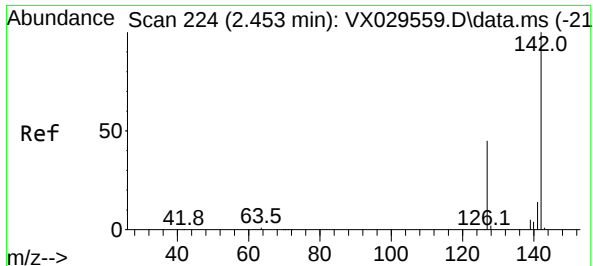
Tgt Ion: 94 Resp: 900
Ion Ratio Lower Upper
94 100
96 78.1 75.3 112.9



#6
Chloroethane
Concen: 1.486 ug/l
RT: 1.764 min Scan# 111
Delta R.T. 0.079 min
Lab File: VX029592.D
Acq: 19 Jun 2022 00:44

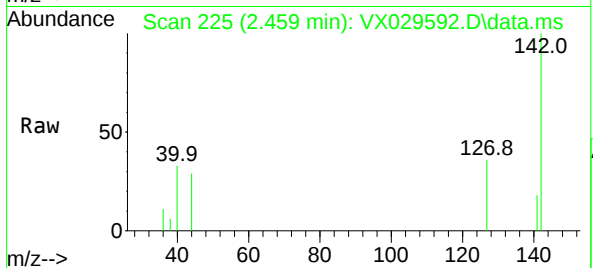
Tgt Ion: 64 Resp: 542
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



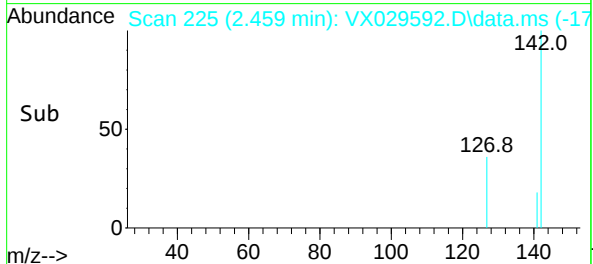
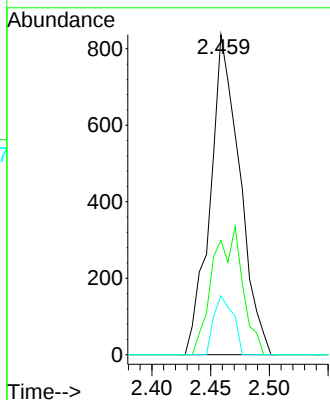


#10
Methyl Iodide
Concen: 3.415 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029592.D
Acq: 19 Jun 2022 00:44

Instrument :
MSVOA_X
ClientSampleId :
MW-22

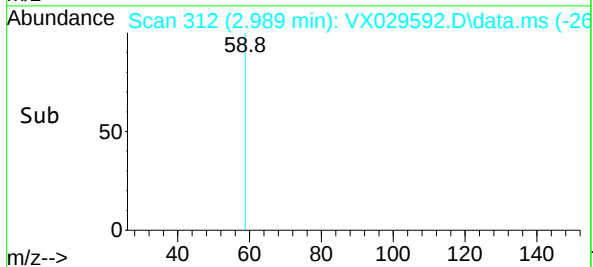
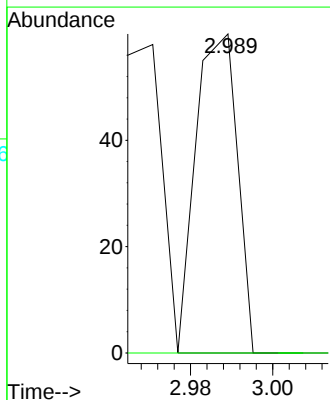
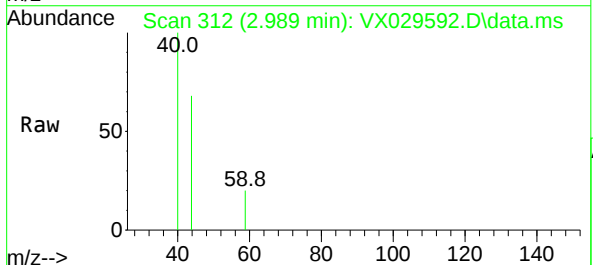


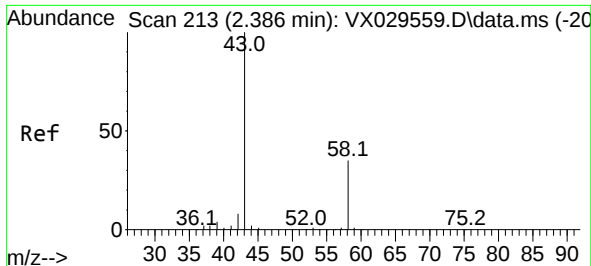
Tgt Ion:142 Resp: 1467
Ion Ratio Lower Upper
142 100
127 40.3 33.9 50.9
141 12.0 11.4 17.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.989 min Scan# 312
Delta R.T. 0.006 min
Lab File: VX029592.D
Acq: 19 Jun 2022 00:44

Tgt Ion: 59 Resp: 42
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

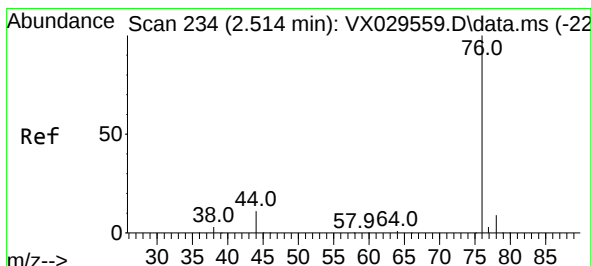
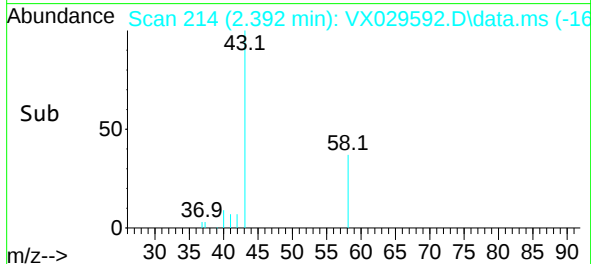
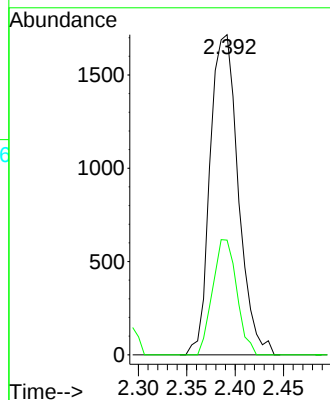
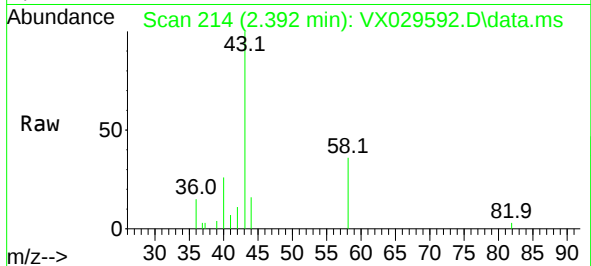




#16
Acetone
Concen: 2.274 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX029592.D
Acq: 19 Jun 2022 00:44

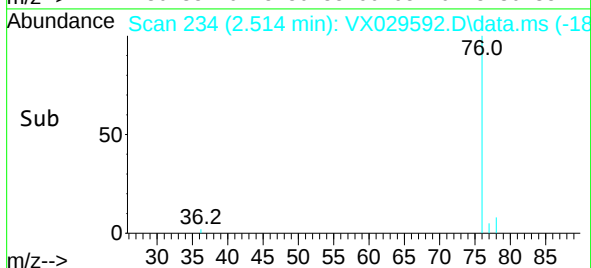
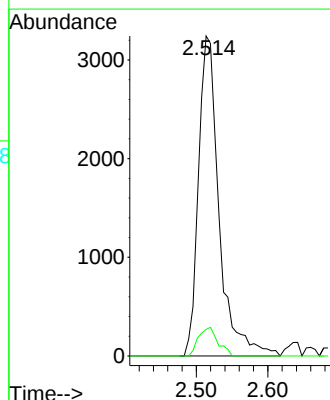
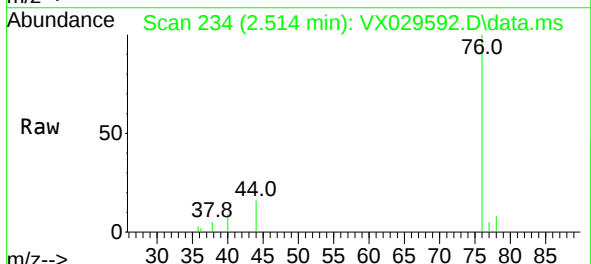
Instrument :
MSVOA_X
ClientSampleId :
MW-22

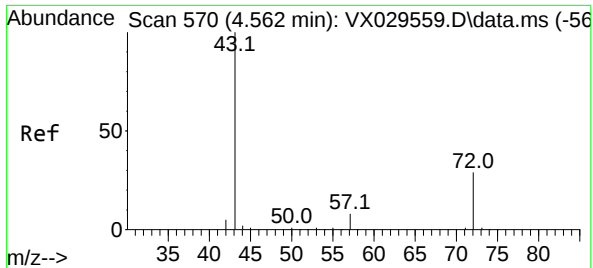
Tgt Ion: 43 Resp: 3480
Ion Ratio Lower Upper
43 100
58 35.8 28.8 43.2



#17
Carbon Disulfide
Concen: 0.851 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX029592.D
Acq: 19 Jun 2022 00:44

Tgt Ion: 76 Resp: 6485
Ion Ratio Lower Upper
76 100
78 8.3 7.2 10.8





#25

2-Butanone

Concen: 0.210 ug/l

RT: 4.592 min Scan# 51

Delta R.T. 0.030 min

Lab File: VX029592.D

Acq: 19 Jun 2022 00:44

Instrument :

MSVOA_X

ClientSampleId :

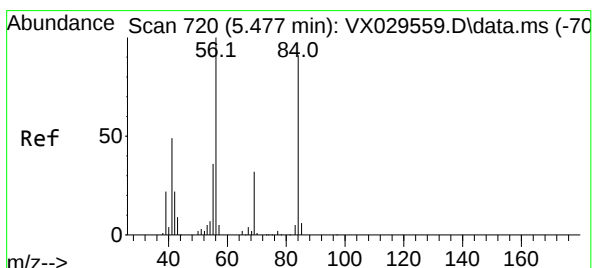
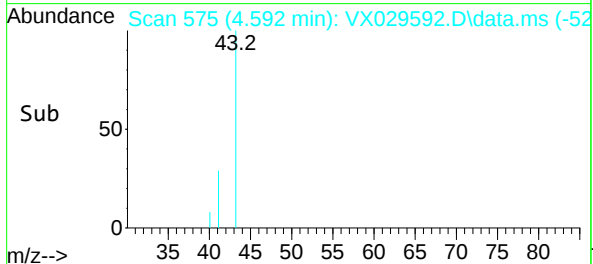
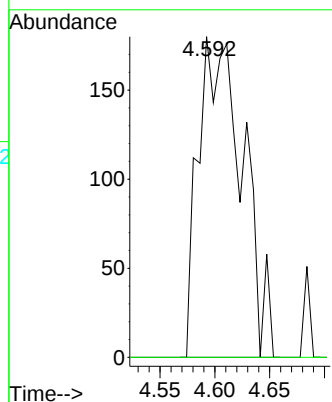
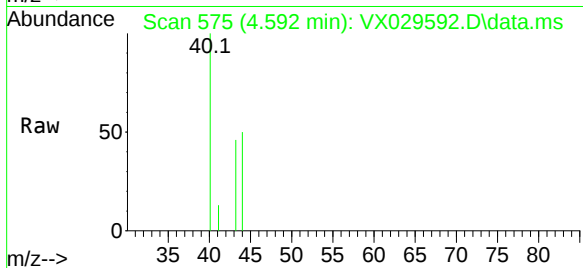
MW-22

Tgt Ion: 43 Resp: 508

Ion Ratio Lower Upper

43 100

72 0.0 24.4 36.6#



#31

Cyclohexane

Concen: 1.028 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX029592.D

Acq: 19 Jun 2022 00:44

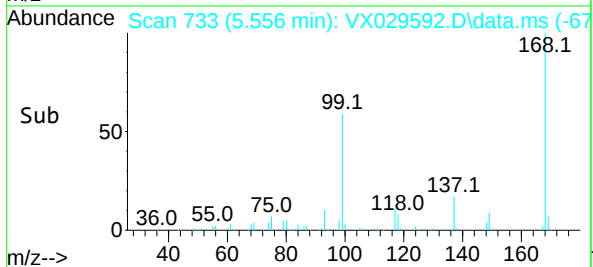
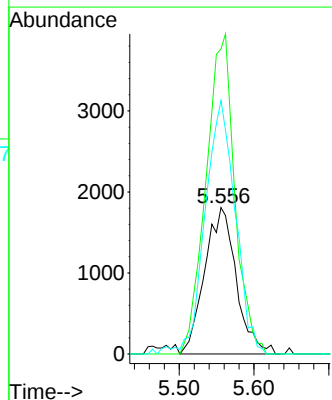
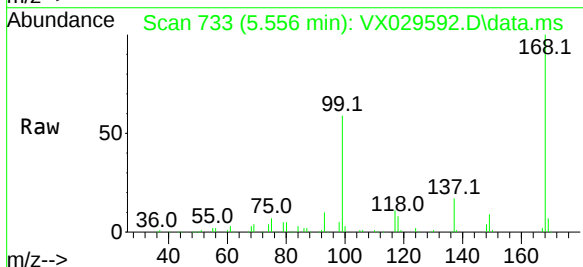
Tgt Ion: 56 Resp: 5300

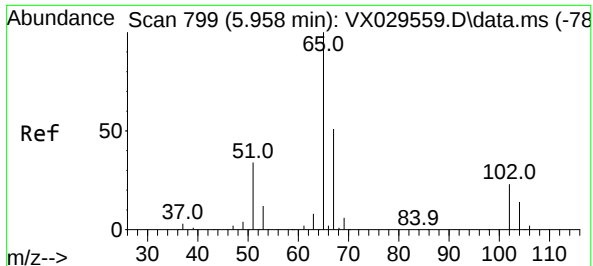
Ion Ratio Lower Upper

56 100

69 208.4 26.7 40.1#

84 173.1 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 42.446 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029592.D

Acq: 19 Jun 2022 00:44

Instrument :

MSVOA_X

ClientSampleId :

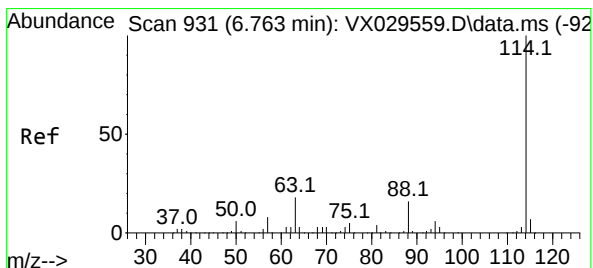
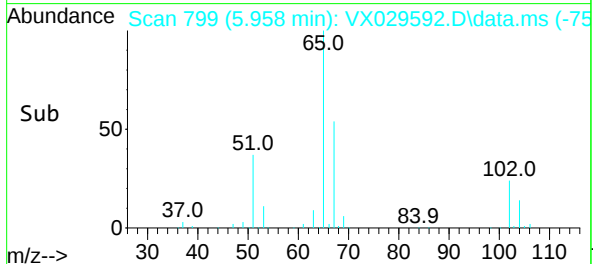
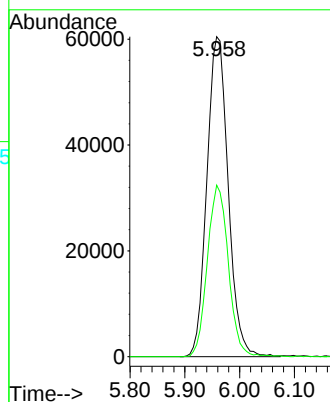
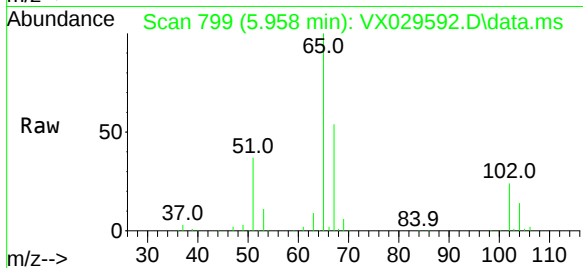
MW-22

Tgt Ion: 65 Resp: 162968

Ion Ratio Lower Upper

65 100

67 53.0 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: VX029592.D

Acq: 19 Jun 2022 00:44

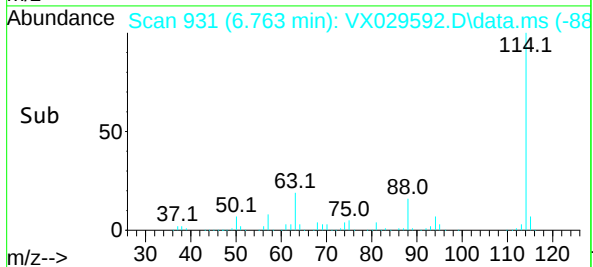
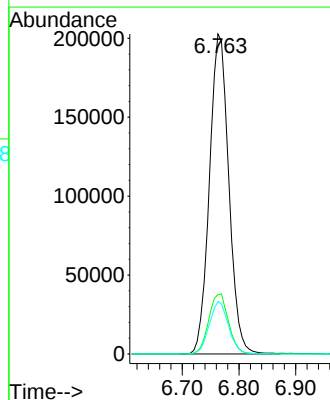
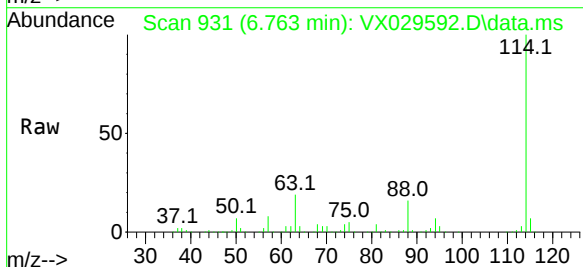
Tgt Ion: 114 Resp: 480396

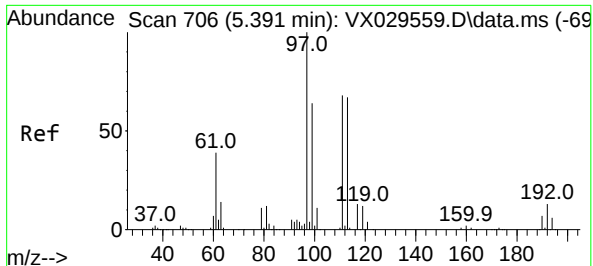
Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

88 16.5 0.0 32.4





#35

Dibromofluoromethane

Concen: 46.151 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029592.D

Acq: 19 Jun 2022 00:44

Instrument :

MSVOA_X

ClientSampleId :

MW-22

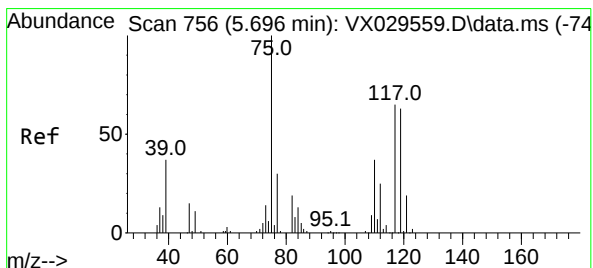
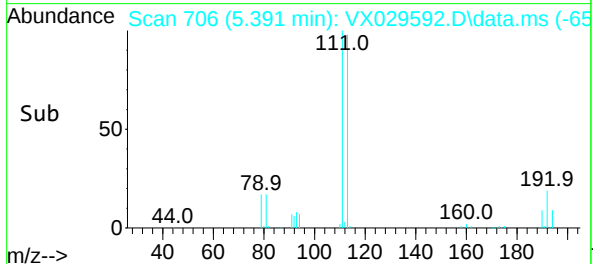
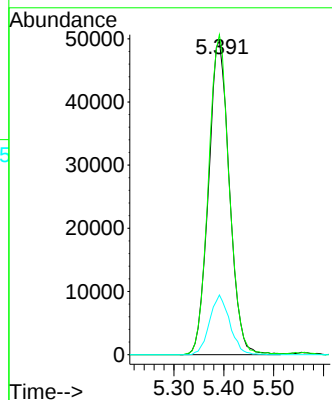
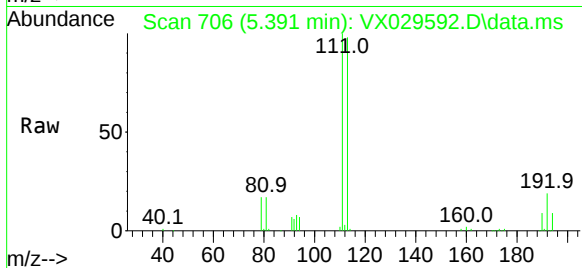
Tgt Ion:113 Resp: 144484

Ion Ratio Lower Upper

113 100

111 101.6 82.8 124.2

192 18.4 16.9 25.3



#36

1,1-Dichloropropene

Concen: 5.103 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX029592.D

Acq: 19 Jun 2022 00:44

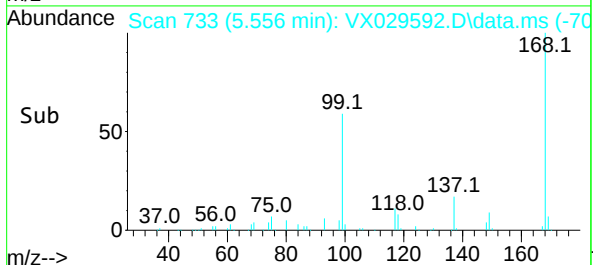
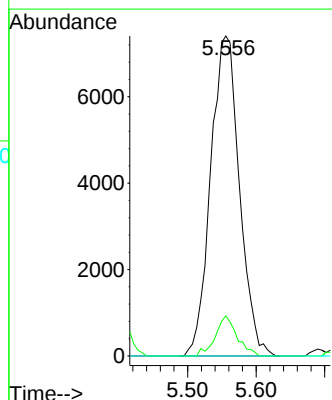
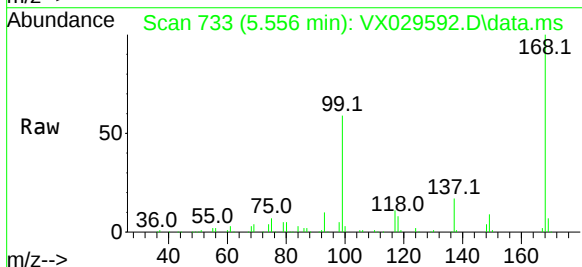
Tgt Ion: 75 Resp: 21623

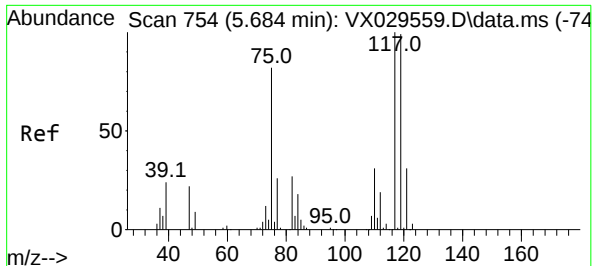
Ion Ratio Lower Upper

75 100

110 9.4 18.3 54.8#

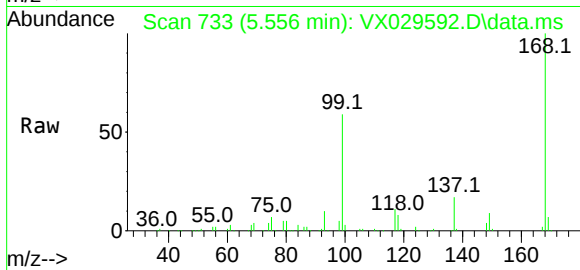
77 0.0 24.8 37.2#



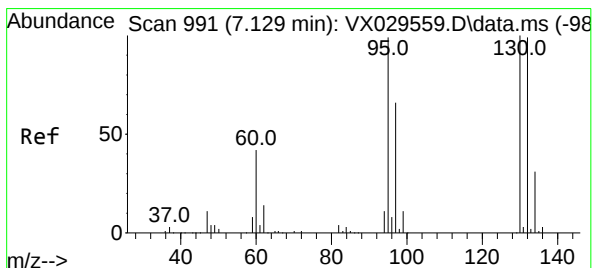
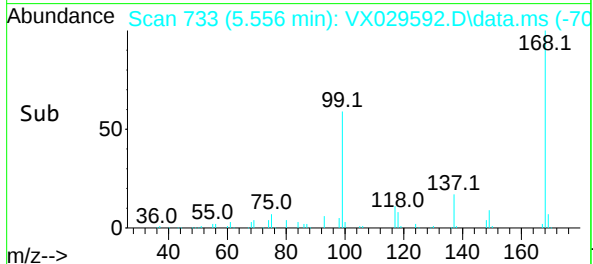
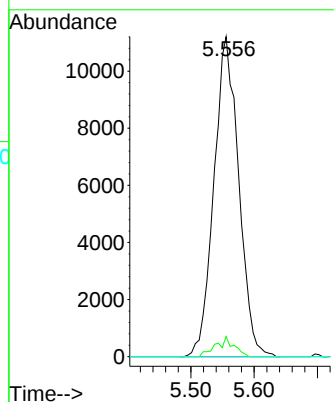


#38
Carbon Tetrachloride
Concen: 7.305 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029592.D
Acq: 19 Jun 2022 00:44

Instrument :
MSVOA_X
ClientSampleId :
MW-22

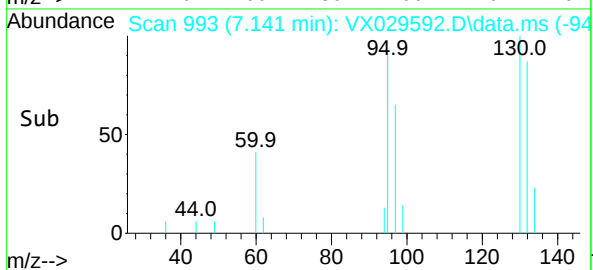
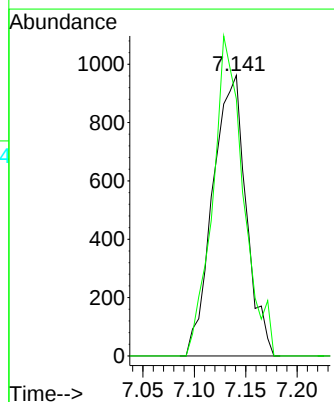
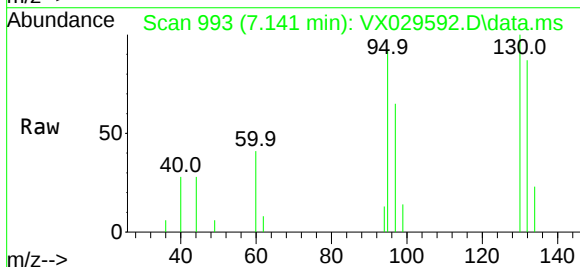


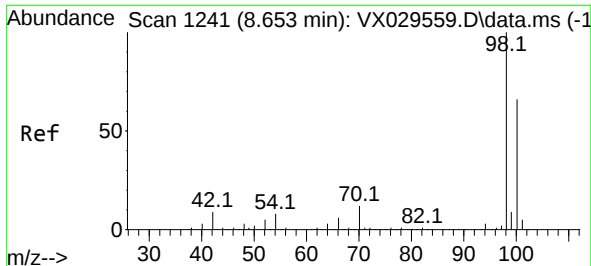
Tgt Ion:117 Resp: 30439
Ion Ratio Lower Upper
117 100
119 6.3 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX029592.D
Acq: 19 Jun 2022 00:44

Tgt Ion:130 Resp: 2174
Ion Ratio Lower Upper
130 100
95 91.6 0.0 188.8

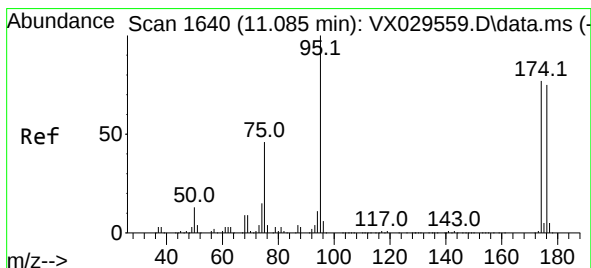
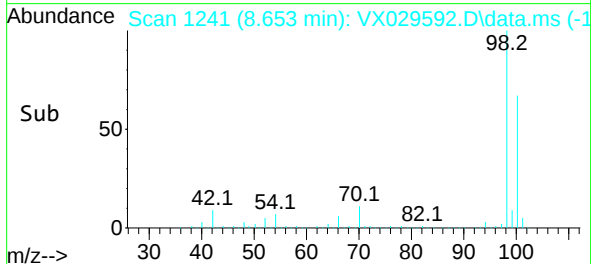
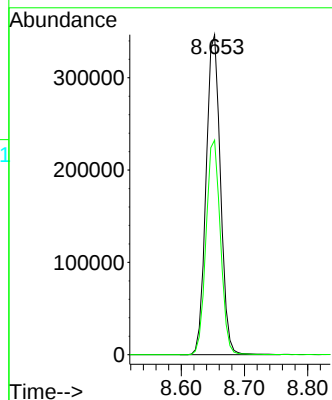
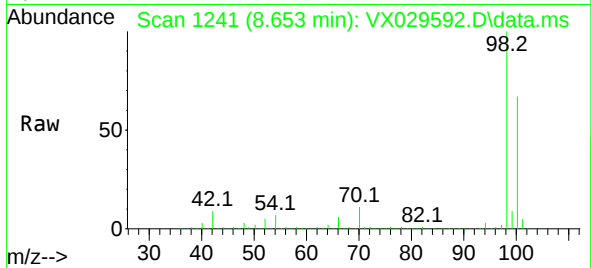




#50
Toluene-d8
Concen: 47.978 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029592.D
Acq: 19 Jun 2022 00:44

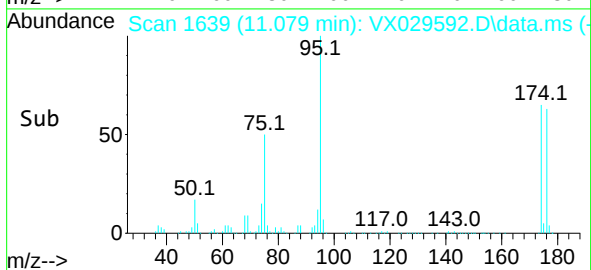
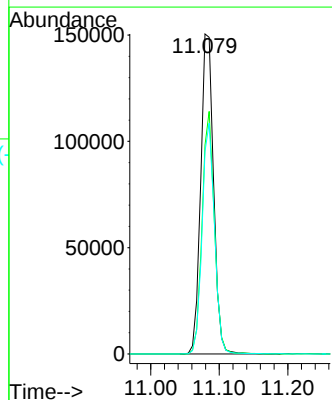
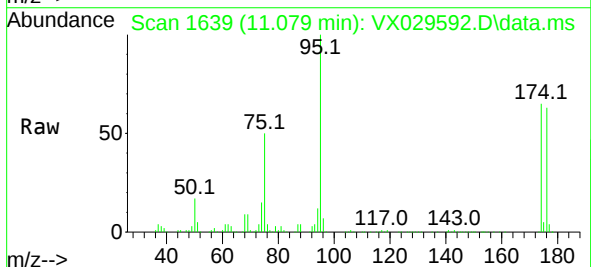
Instrument :
MSVOA_X
ClientSampleId :
MW-22

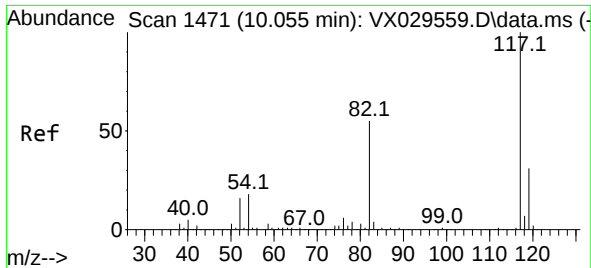
Tgt Ion: 98 Resp: 548721
Ion Ratio Lower Upper
98 100
100 67.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.690 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029592.D
Acq: 19 Jun 2022 00:44

Tgt Ion: 95 Resp: 197063
Ion Ratio Lower Upper
95 100
174 72.1 0.0 163.0
176 69.4 0.0 155.0

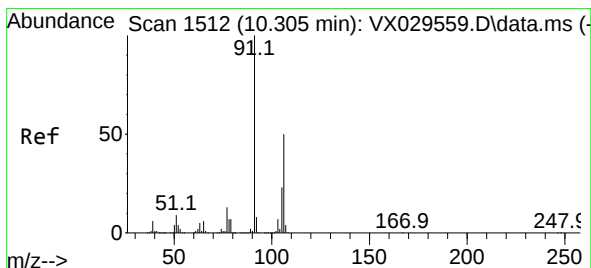
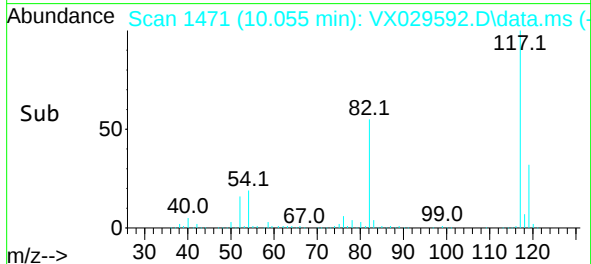
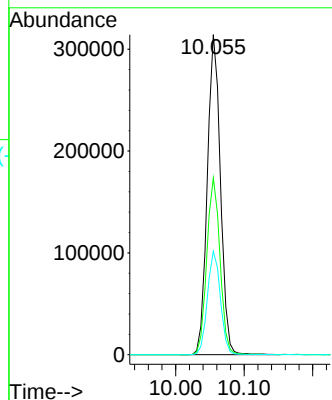
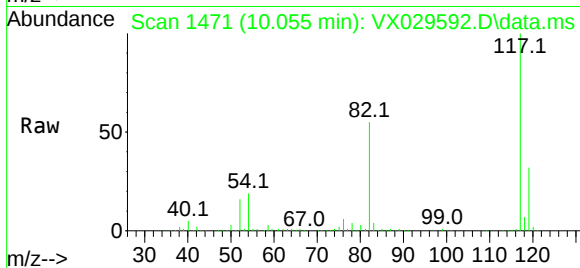




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029592.D
Acq: 19 Jun 2022 00:44

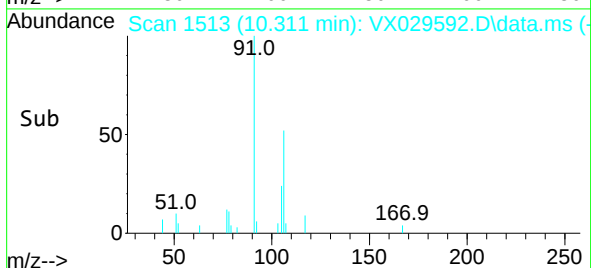
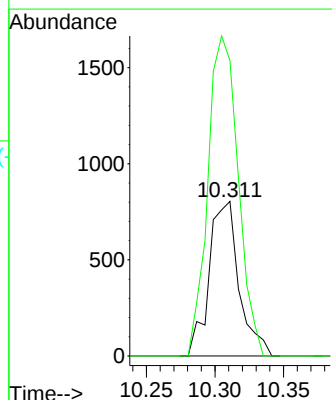
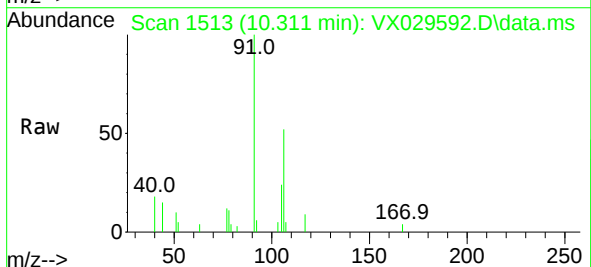
Instrument :
MSVOA_X
ClientSampleId :
MW-22

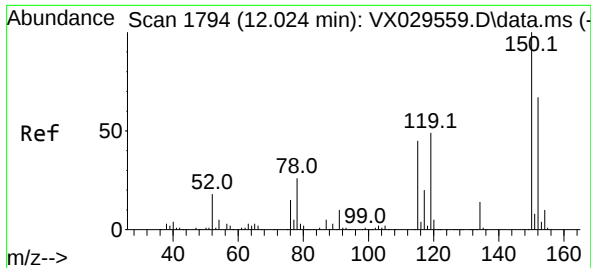
Tgt Ion:117 Resp: 419239
Ion Ratio Lower Upper
117 100
82 55.3 41.8 62.8
119 32.3 24.8 37.2



#68
m/p-Xylenes
Concen: 0.211 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VX029592.D
Acq: 19 Jun 2022 00:44

Tgt Ion:106 Resp: 1218
Ion Ratio Lower Upper
106 100
91 210.7 160.4 240.6

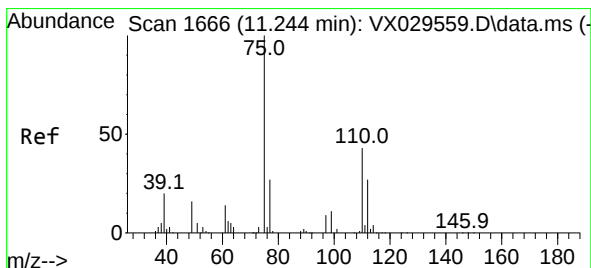
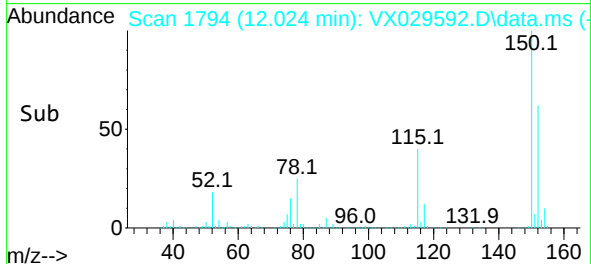
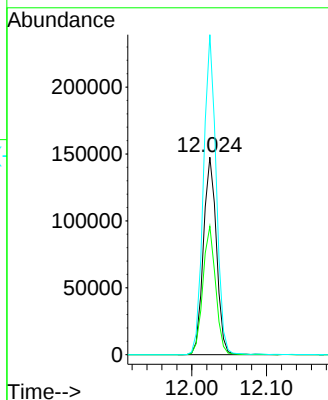
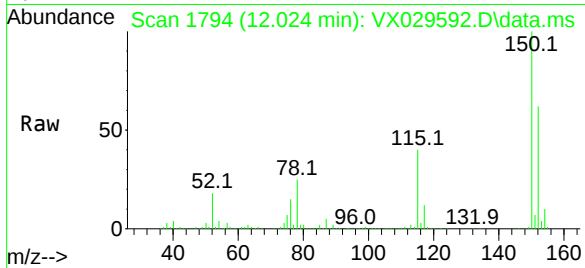




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029592.D
Acq: 19 Jun 2022 00:44

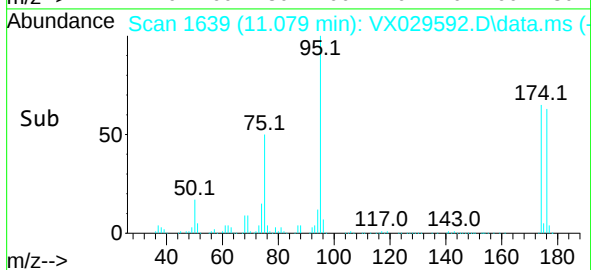
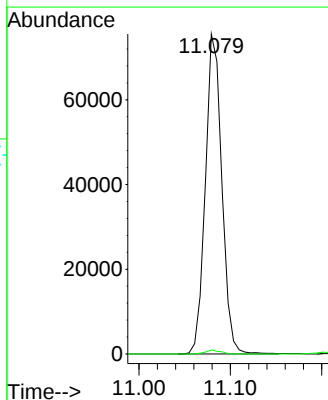
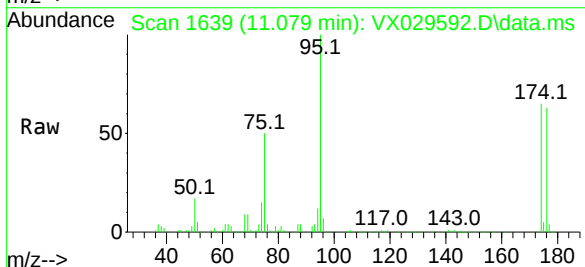
Instrument :
MSVOA_X
ClientSampleId :
MW-22

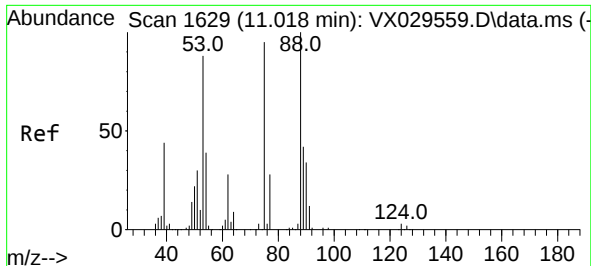
Tgt Ion:152 Resp: 179000
Ion Ratio Lower Upper
152 100
115 63.6 37.5 112.7
150 157.9 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 24.162 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029592.D
Acq: 19 Jun 2022 00:44

Tgt Ion: 75 Resp: 94218
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#

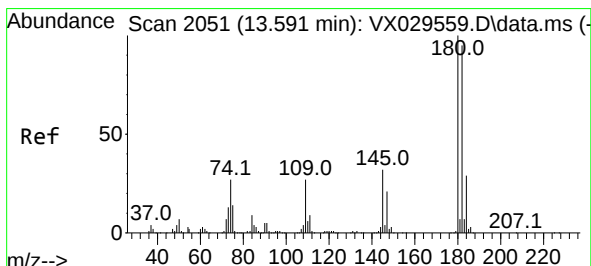
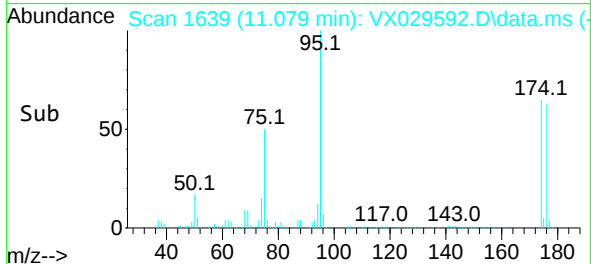
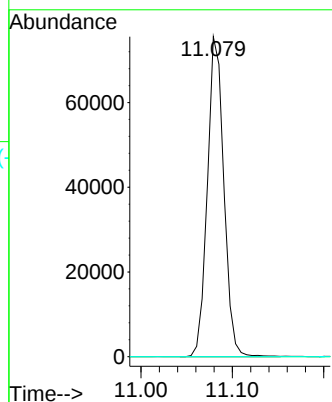
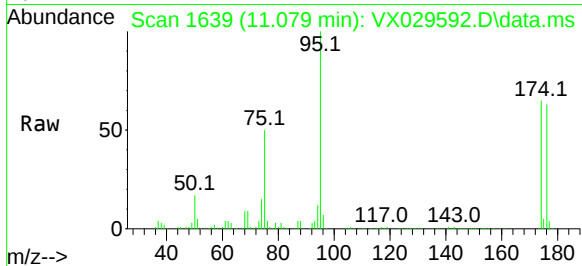




#81
trans-1,4-Dichloro-2-butene
Concen: 80.379 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029592.D
Acq: 19 Jun 2022 00:44

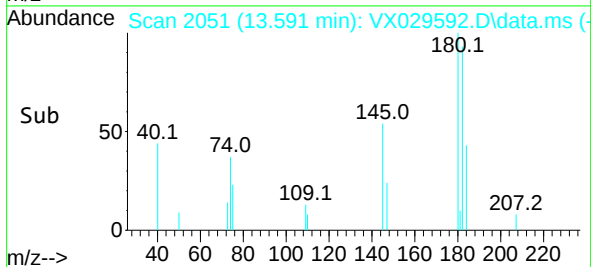
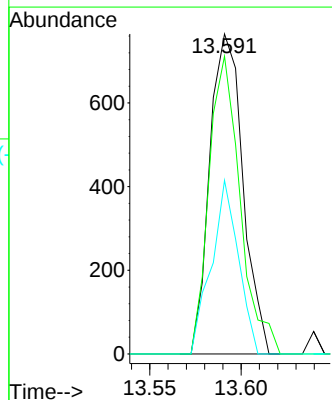
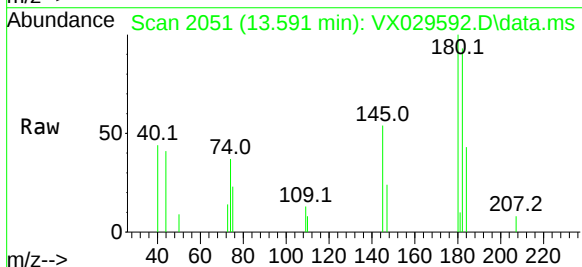
Instrument :
MSVOA_X
ClientSampleId :
MW-22

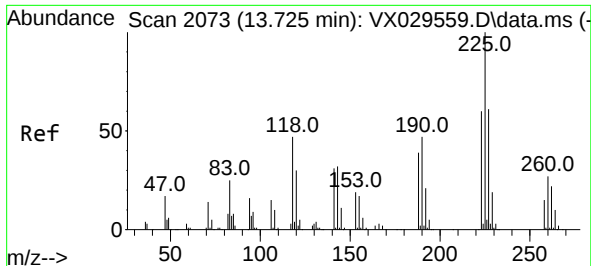
Tgt Ion: 75 Resp: 94218
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#93
1,2,4-Trichlorobenzene
Concen: 0.275 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX029592.D
Acq: 19 Jun 2022 00:44

Tgt Ion:180 Resp: 963
Ion Ratio Lower Upper
180 100
182 87.7 47.7 143.1
145 44.3 15.2 45.5

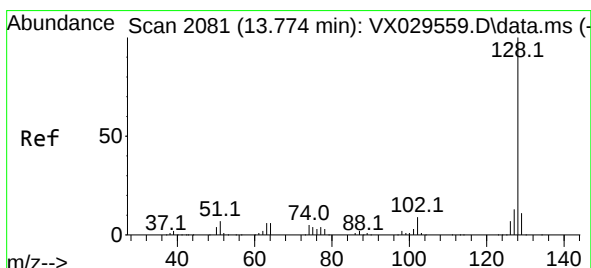
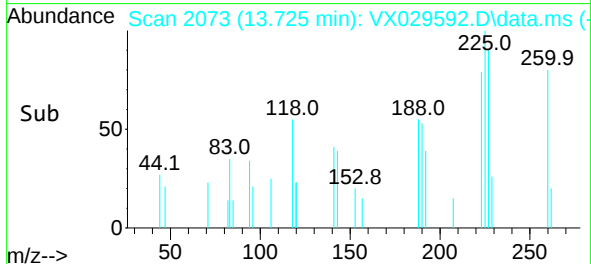
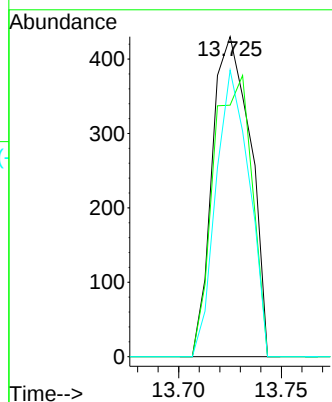
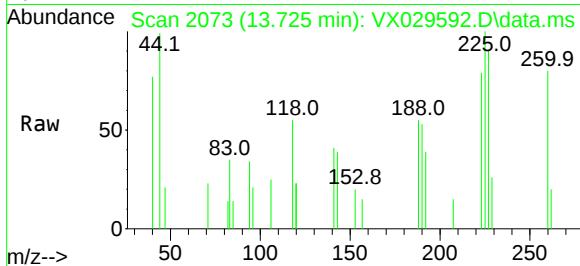




#94
Hexachlorobutadiene
Concen: 0.388 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX029592.D
Acq: 19 Jun 2022 00:44

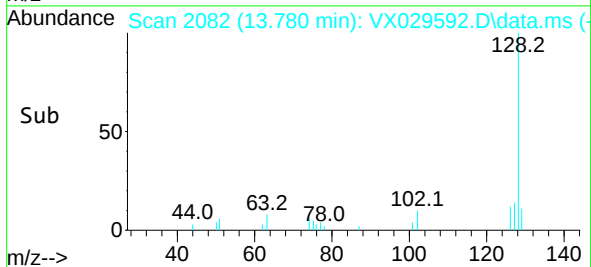
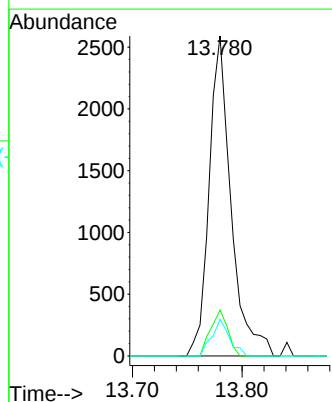
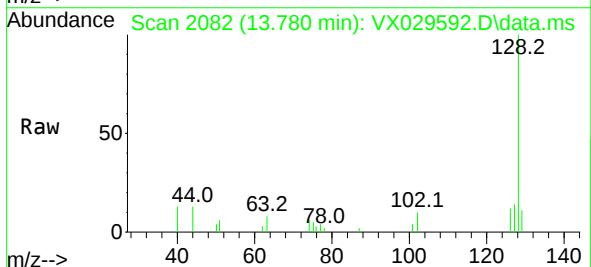
Instrument :
MSVOA_X
ClientSampleId :
MW-22

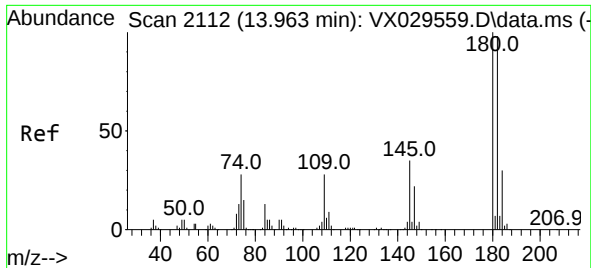
Tgt Ion:225	Resp:	556
Ion Ratio	Lower	Upper
225	100	
223	88.1	34.2 102.5
227	77.9	33.9 101.7



#95
Naphthalene
Concen: 0.287 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029592.D
Acq: 19 Jun 2022 00:44

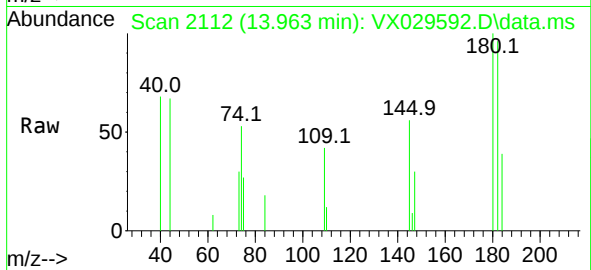
Tgt Ion:128	Resp:	3598
Ion Ratio	Lower	Upper
128	100	
127	11.2	10.2 15.4
129	9.2	8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.269 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX029592.D
 Acq: 19 Jun 2022 00:44

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-22



Tgt Ion:	180	Resp:	941
Ion	Ratio	Lower	Upper
180	100		
182	103.9	50.0	149.8
145	38.8	16.2	48.5

