

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062821\
 Data File : VX022990.D
 Acq On : 28 Jun 2021 19:45
 Operator : JC/MD
 Sample : M2875-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16D

Quant Time: Jun 29 03:09:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

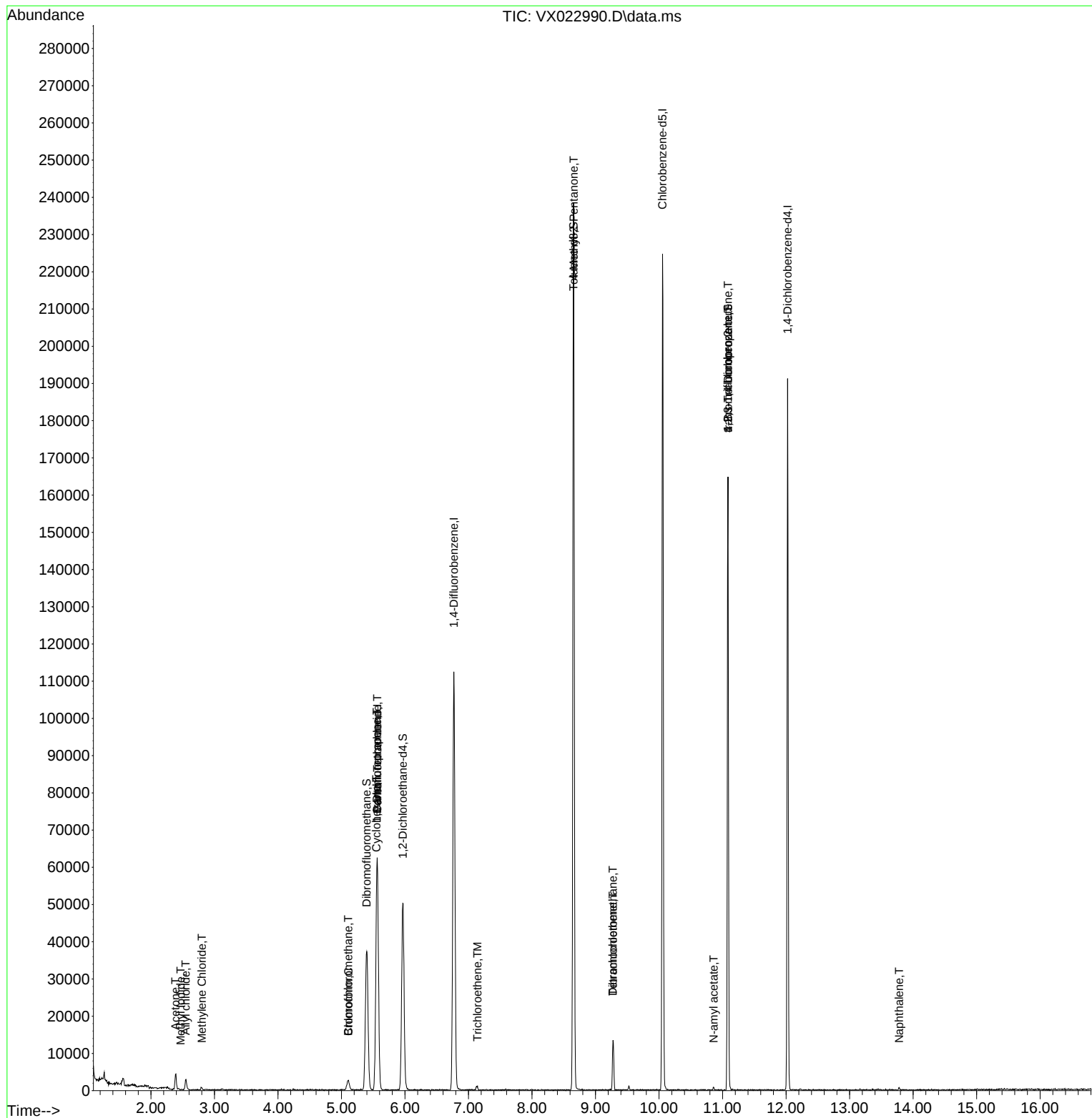
Internal Standards						
1) Pentafluorobenzene	5.562	168	51275	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	105350	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	92998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	32268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47117	50.634	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.260%
35) Dibromofluoromethane	5.397	113	32521	48.612	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.220%
50) Toluene-d8	8.653	98	132508	50.538	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.080%
62) 4-Bromofluorobenzene	11.085	95	43733	44.693	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.380%
Target Compounds						
						Qvalue
10) Methyl Iodide	2.465	142	45	3.931	ug/l	# 90
14) Allyl chloride	2.544	41	318	0.252	ug/l	# 19
16) Acetone	2.385	43	4460	10.811	ug/l	# 85
20) Methylene Chloride	2.800	84	291	0.725	ug/l	# 86
28) Bromochloromethane	5.104	49	286	0.432	ug/l	# 9
30) Chloroform	5.111	83	2938	2.080	ug/l	# 91
31) Cyclohexane	5.549	56	1575	1.199	ug/l	# 61
36) 1,1-Dichloropropene	5.556	75	5662	5.060	ug/l	# 47
38) Carbon Tetrachloride	5.562	117	6478	6.902	ug/l	# 18
44) Trichloroethene	7.141	130	394	0.515	ug/l	# 97
51) 4-Methyl-2-Pentanone	8.659	43	802	0.618	ug/l	# 1
60) Dibromochloromethane	9.274	129	2344	6.485	ug/l	# 11
64) Tetrachloroethene	9.274	164	1986	3.039	ug/l	# 89
74) N-amyl acetate	10.859	43	102	2.118	ug/l	# 39
76) 1,2,3-Trichloropropane	11.085	75	24306	28.517	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	24306	73.507	ug/l	# 12
95) Naphthalene	13.780	128	503	2.106	ug/l	# 69

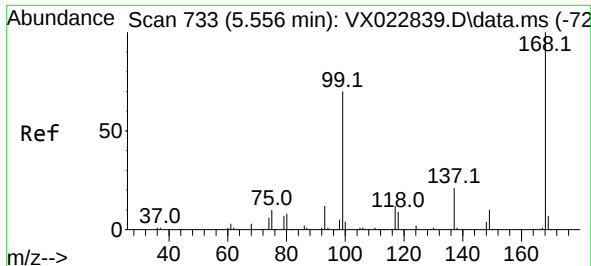
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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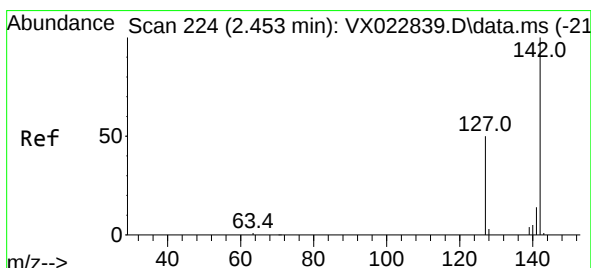
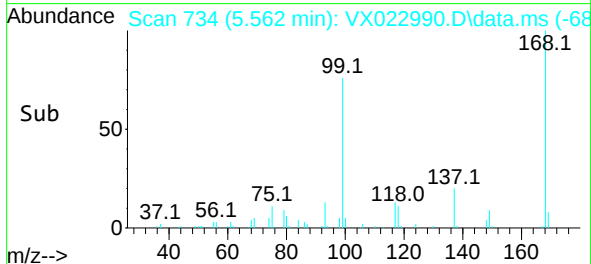
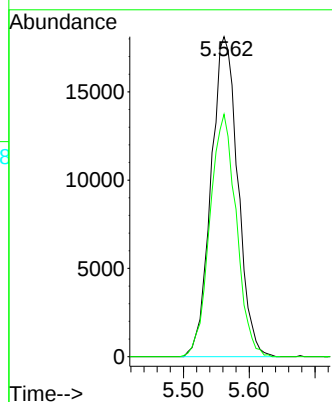
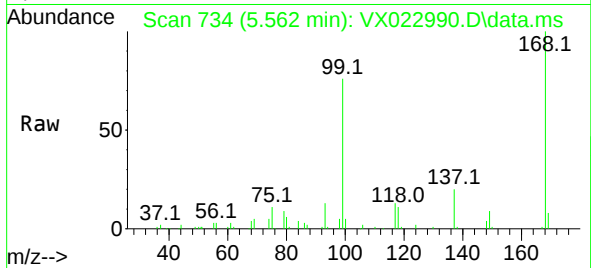




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022990.D
Acq: 28 Jun 2021 19:45

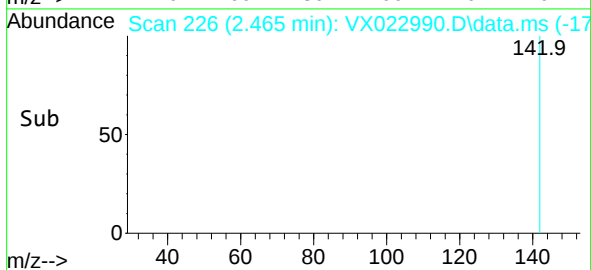
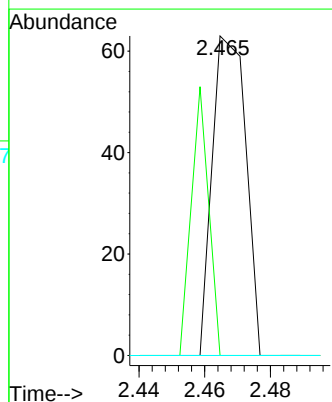
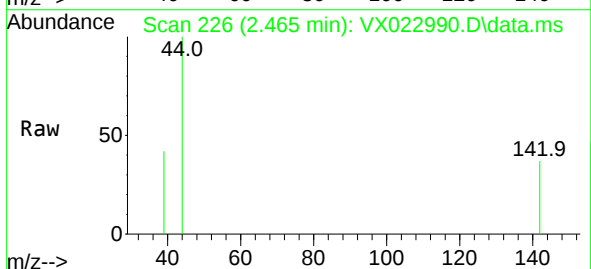
Instrument :
MSVOA_X
ClientSampleId :
MW-16D

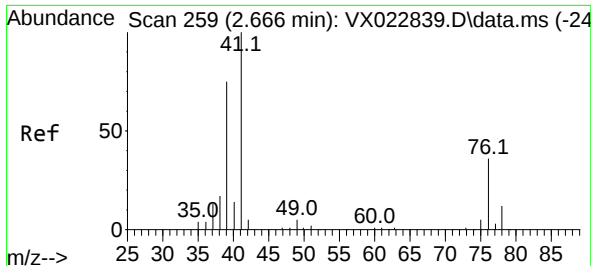
Tgt Ion:168 Resp: 51275
Ion Ratio Lower Upper
168 100
99 75.7 45.8 68.6#



#10
Methyl Iodide
Concen: 3.931 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022990.D
Acq: 28 Jun 2021 19:45

Tgt Ion:142 Resp: 45
Ion Ratio Lower Upper
142 100
127 42.2 33.3 49.9
141 0.0 11.4 17.0#

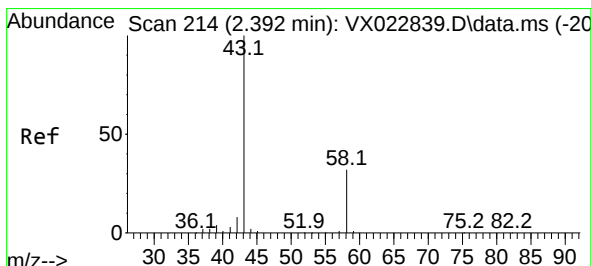
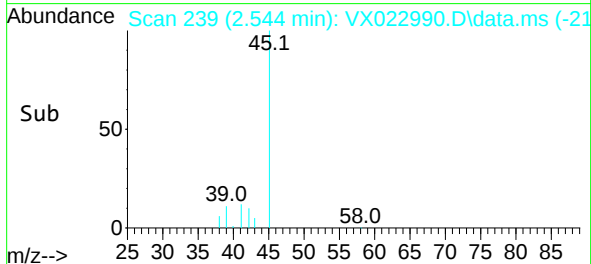
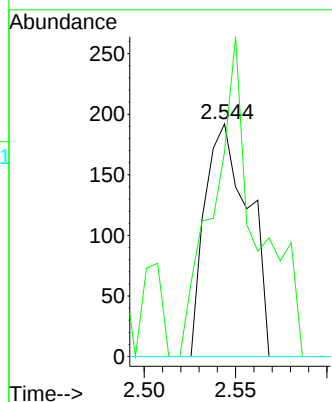
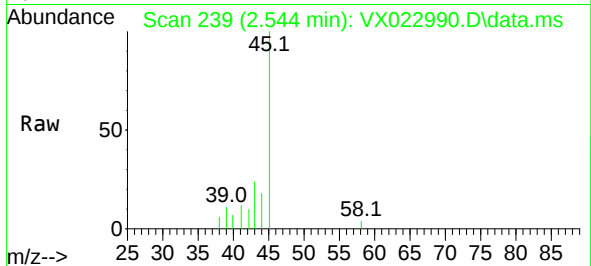




#14
 Allyl chloride
 Concen: 0.252 ug/l
 RT: 2.544 min Scan# 239
 Delta R.T. -0.122 min
 Lab File: VX022990.D
 Acq: 28 Jun 2021 19:45

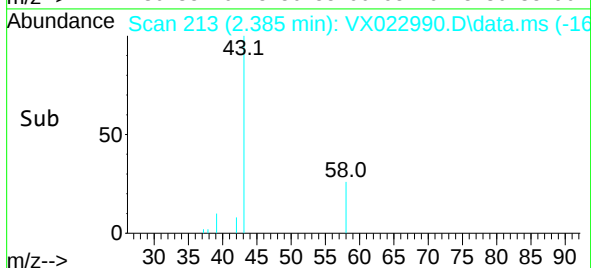
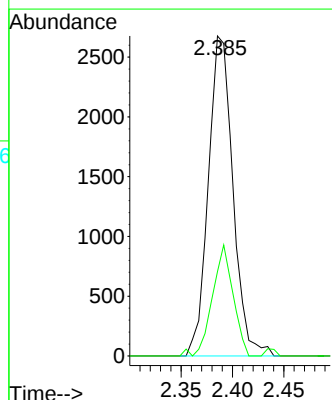
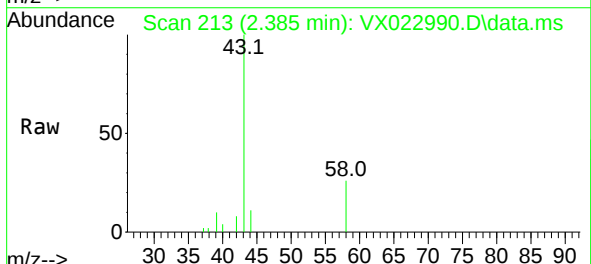
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16D

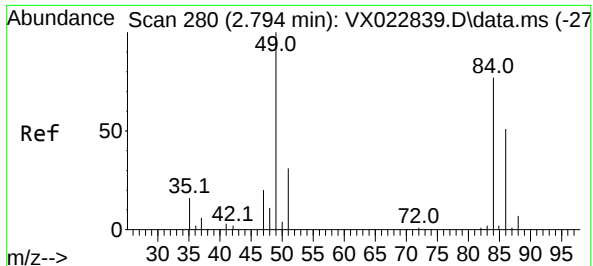
Tgt Ion:	41	Resp:	318
Ion	Ratio	Lower	Upper
41	100		
39	136.5	51.6	77.4#
76	0.0	30.5	45.7#



#16
 Acetone
 Concen: 10.811 ug/l
 RT: 2.385 min Scan# 213
 Delta R.T. -0.007 min
 Lab File: VX022990.D
 Acq: 28 Jun 2021 19:45

Tgt Ion:	43	Resp:	4460
Ion	Ratio	Lower	Upper
43	100		
58	26.4	27.8	41.8#

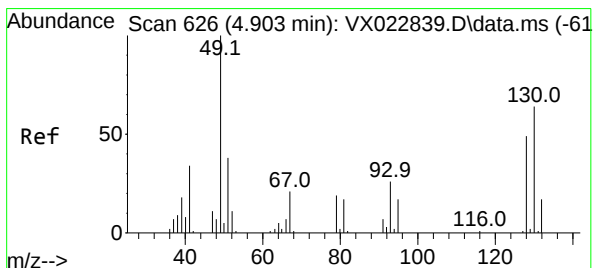
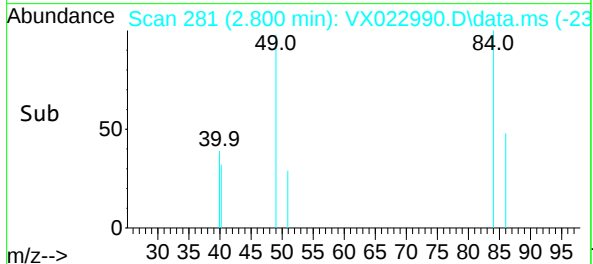
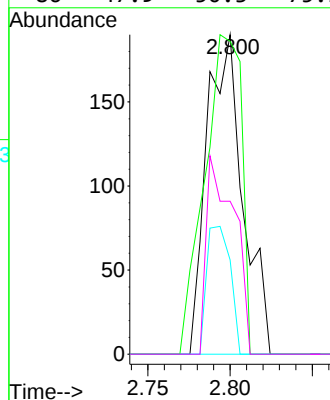
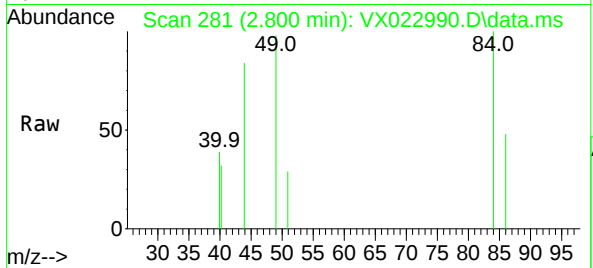




#20
Methylene Chloride
Concen: 0.725 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022990.D
Acq: 28 Jun 2021 19:45

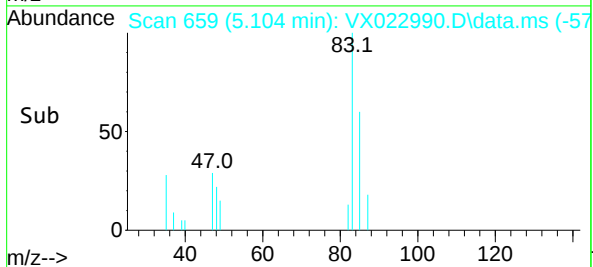
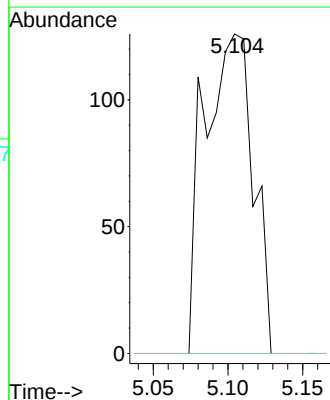
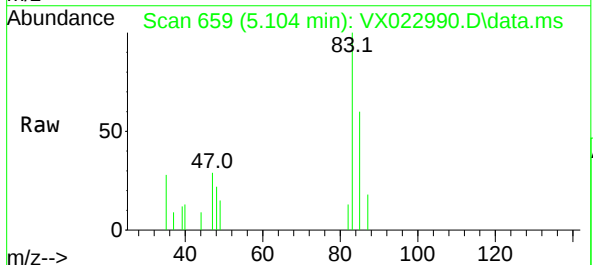
Instrument :
MSVOA_X
ClientSampled :
MW-16D

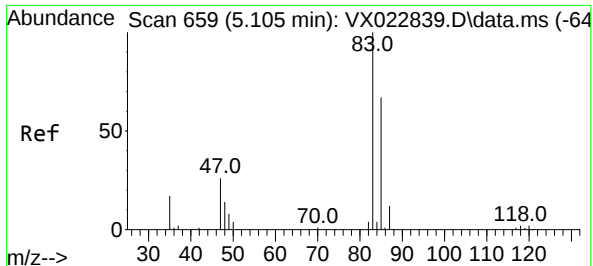
Tgt Ion: 84 Resp: 291
Ion Ratio Lower Upper
84 100
49 97.9 88.6 132.8
51 29.5 27.0 40.6
86 47.9 50.3 75.5#



#28
Bromochloromethane
Concen: 0.432 ug/l
RT: 5.104 min Scan# 659
Delta R.T. 0.201 min
Lab File: VX022990.D
Acq: 28 Jun 2021 19:45

Tgt Ion: 49 Resp: 286
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 68.2 102.2#





#30

Chloroform

Concen: 2.080 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.006 min

Lab File: VX022990.D

Acq: 28 Jun 2021 19:45

Tgt Ion: 83 Resp: 2938

Ion Ratio Lower Upper

83 100

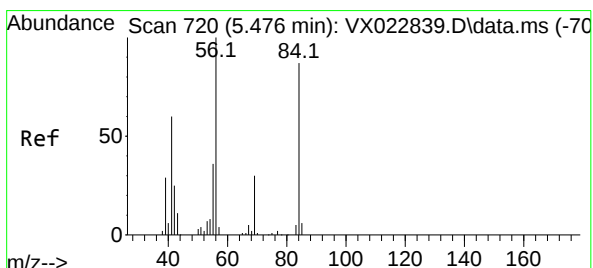
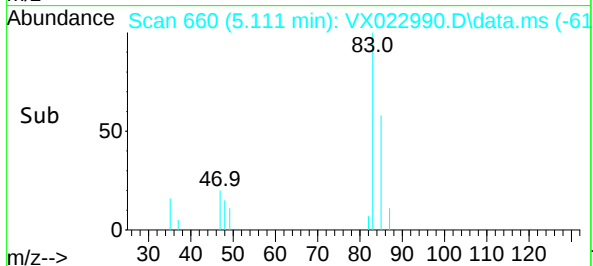
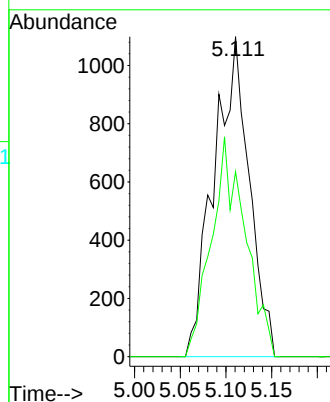
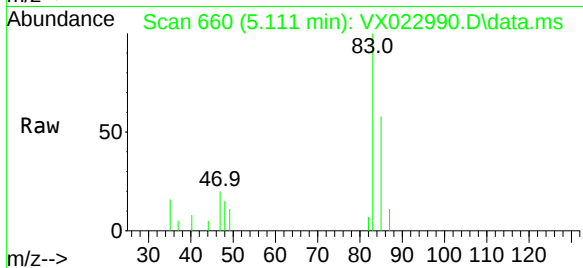
85 57.9 52.0 78.0

Instrument :

MSVOA_X

ClientSampleId :

MW-16D



#31

Cyclohexane

Concen: 1.199 ug/l

RT: 5.549 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX022990.D

Acq: 28 Jun 2021 19:45

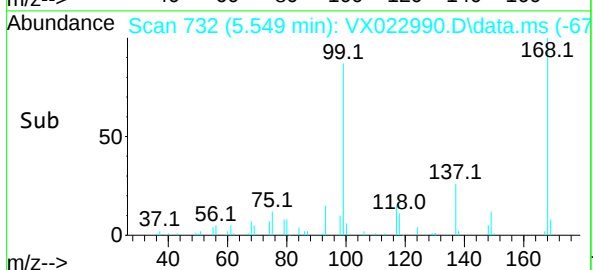
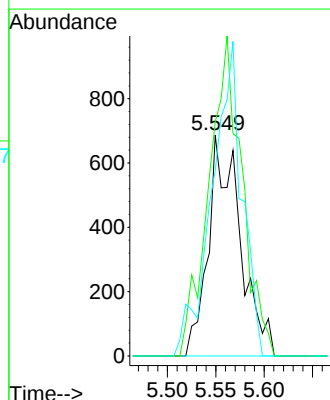
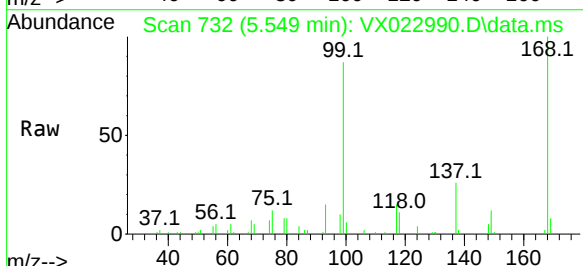
Tgt Ion: 56 Resp: 1575

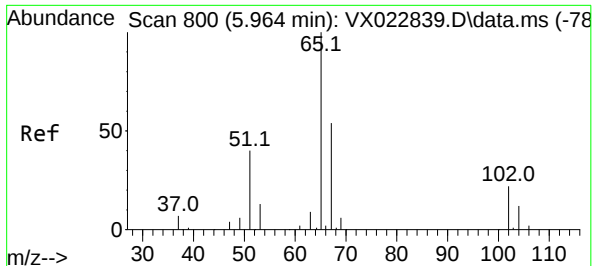
Ion Ratio Lower Upper

56 100

69 106.0 25.3 37.9#

84 84.0 71.4 107.0



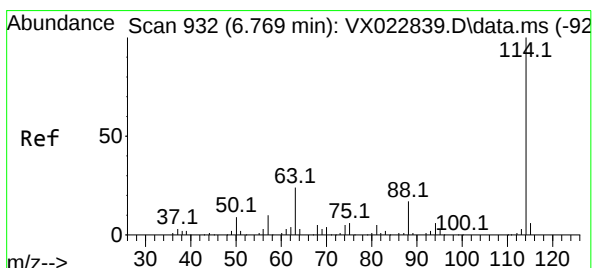
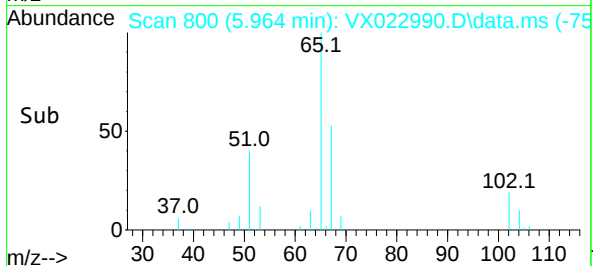
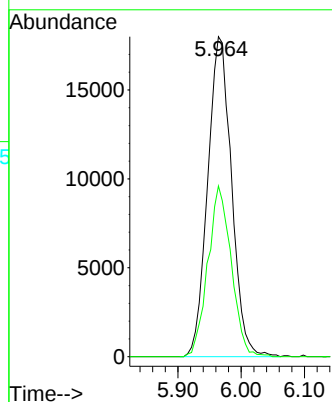
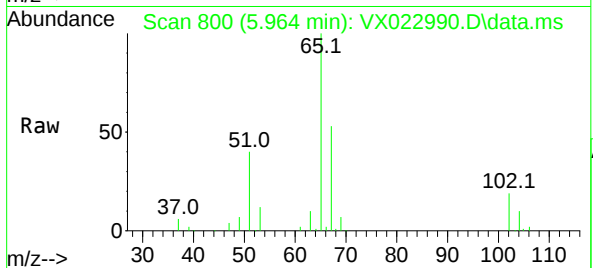


#33

1,2-Dichloroethane-d4
Concen: 50.634 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022990.D
Acq: 28 Jun 2021 19:45

Instrument :
MSVOA_X
ClientSampleId :
MW-16D

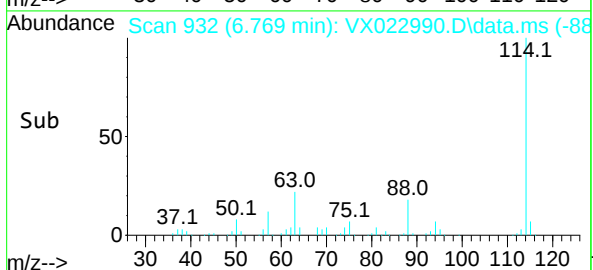
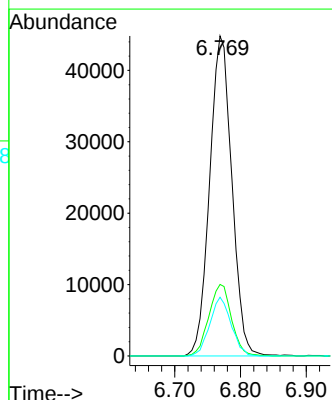
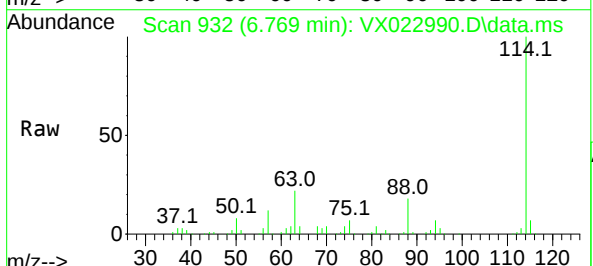
Tgt Ion: 65 Resp: 47117
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

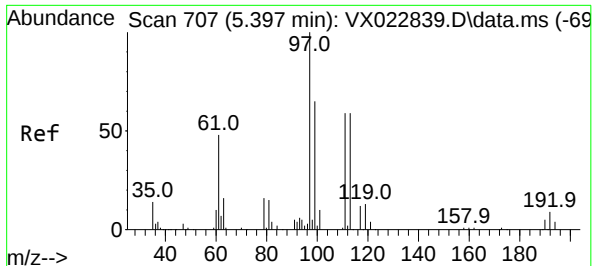


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022990.D
Acq: 28 Jun 2021 19:45

Tgt Ion: 114 Resp: 105350
Ion Ratio Lower Upper
114 100
63 22.4 0.0 40.8
88 18.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.612 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX022990.D

Acq: 28 Jun 2021 19:45

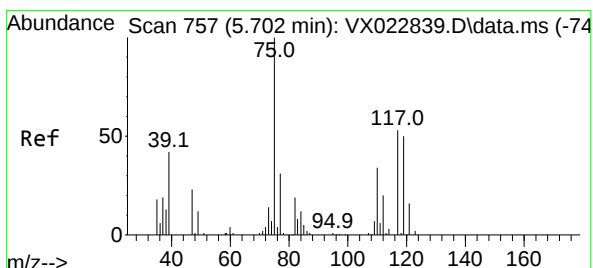
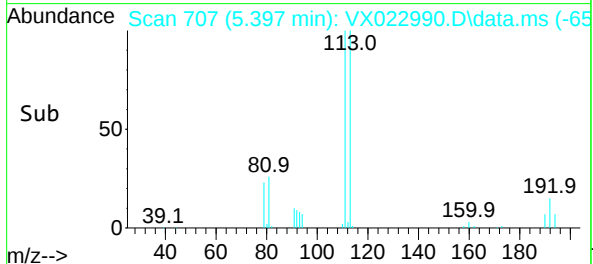
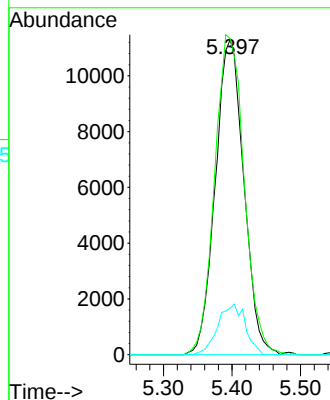
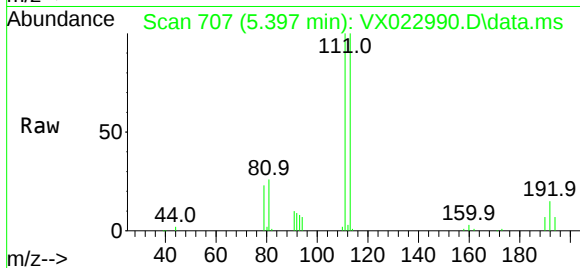
Tgt Ion:113 Resp: 32521

Ion Ratio Lower Upper

113 100

111 105.3 81.9 122.9

192 15.5 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 5.060 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022990.D

Acq: 28 Jun 2021 19:45

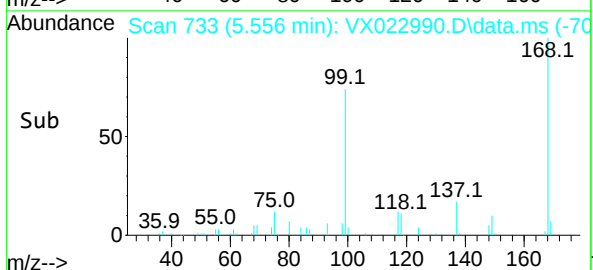
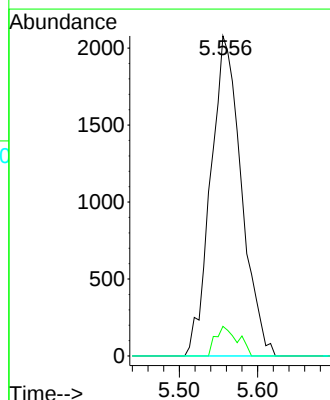
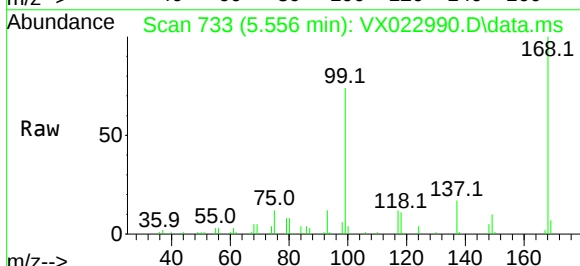
Tgt Ion: 75 Resp: 5662

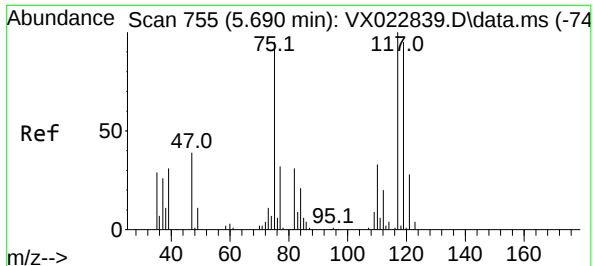
Ion Ratio Lower Upper

75 100

110 6.6 18.1 54.4#

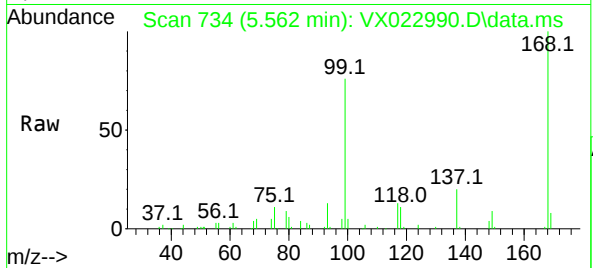
77 0.0 25.3 37.9#



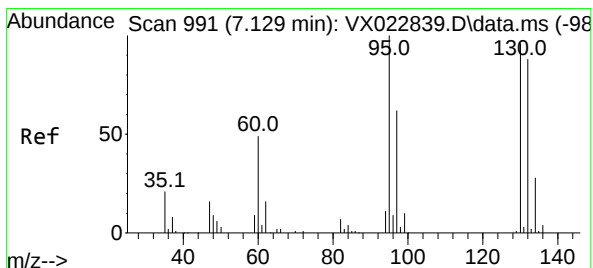
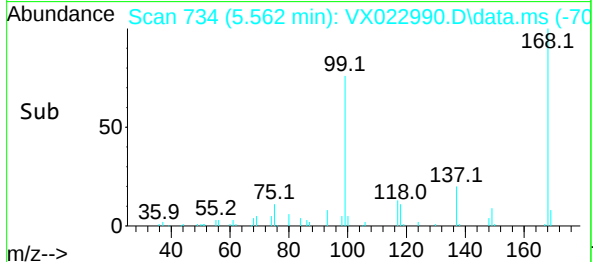
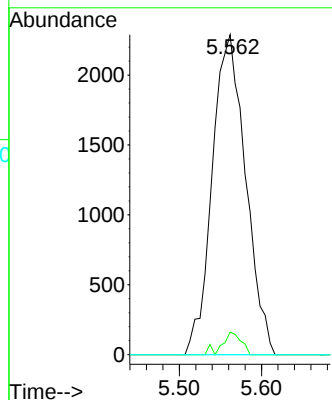


#38
Carbon Tetrachloride
Concen: 6.902 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022990.D
Acq: 28 Jun 2021 19:45

Instrument :
MSVOA_X
ClientSampleId :
MW-16D

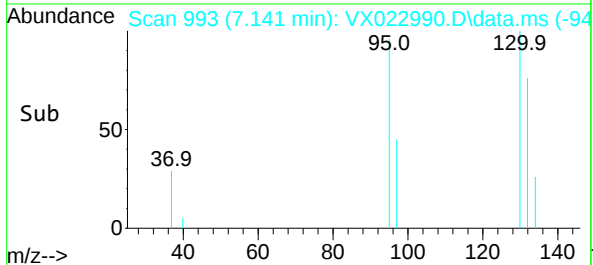
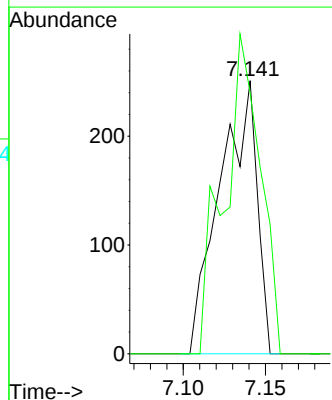
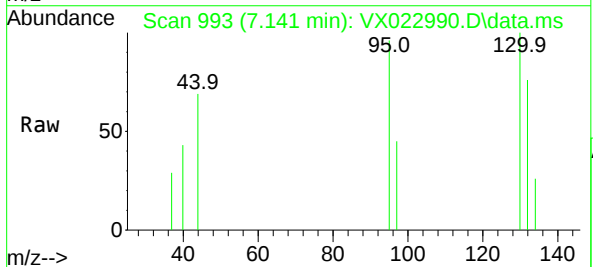


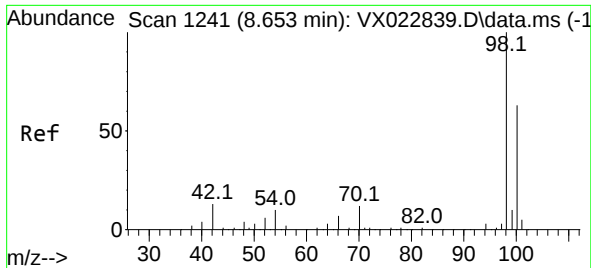
Tgt Ion:117 Resp: 6478
Ion Ratio Lower Upper
117 100
119 7.0 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.515 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX022990.D
Acq: 28 Jun 2021 19:45

Tgt Ion:130 Resp: 394
Ion Ratio Lower Upper
130 100
95 95.6 0.0 198.0

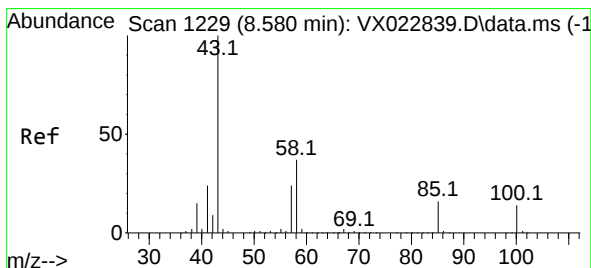
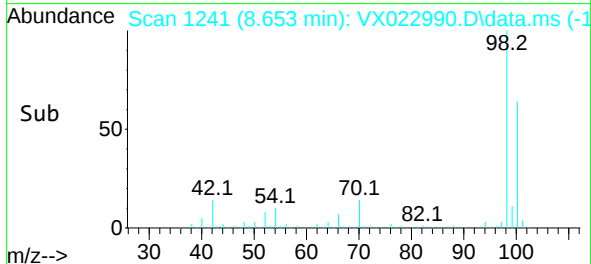
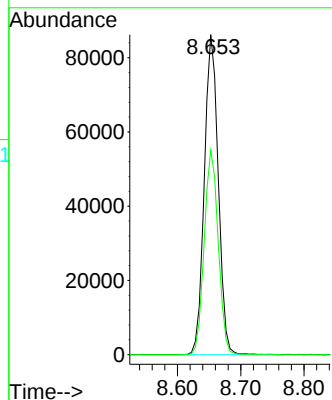
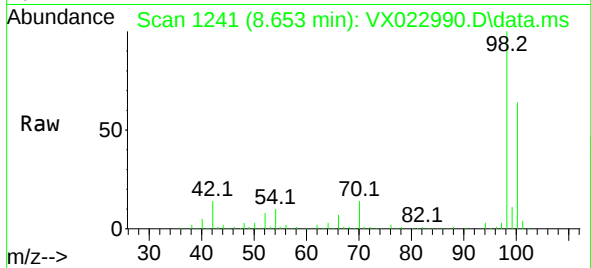




#50
Toluene-d8
Concen: 50.538 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022990.D
Acq: 28 Jun 2021 19:45

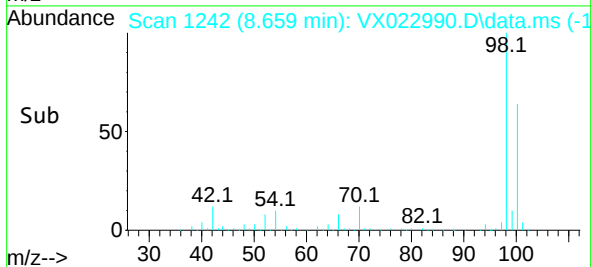
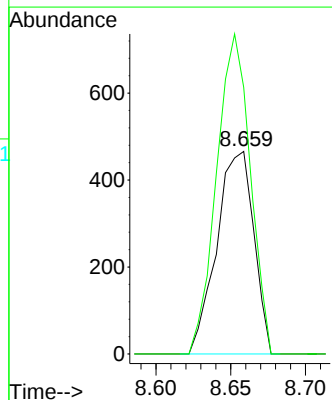
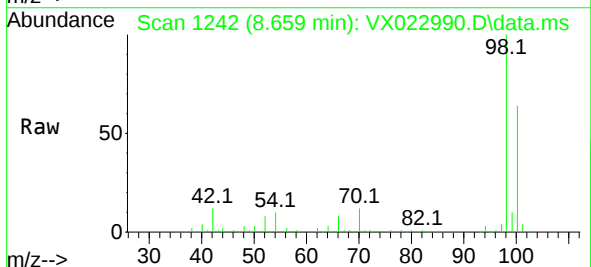
Instrument :
MSVOA_X
ClientSampled :
MW-16D

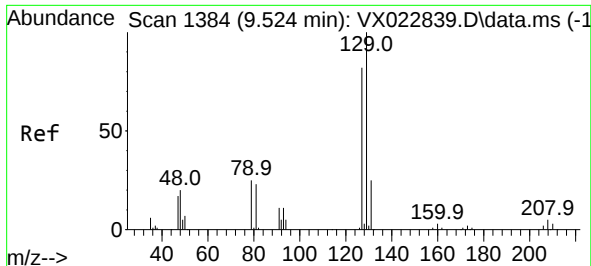
Tgt Ion: 98 Resp: 132508
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.618 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.079 min
Lab File: VX022990.D
Acq: 28 Jun 2021 19:45

Tgt Ion: 43 Resp: 802
Ion Ratio Lower Upper
43 100
58 143.9 35.4 53.0#

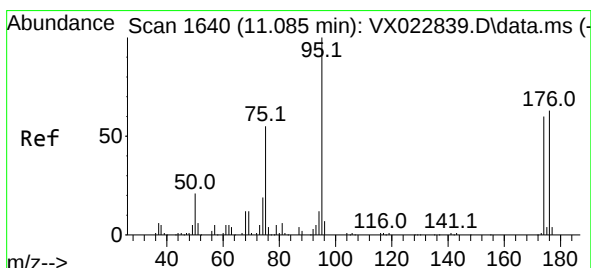
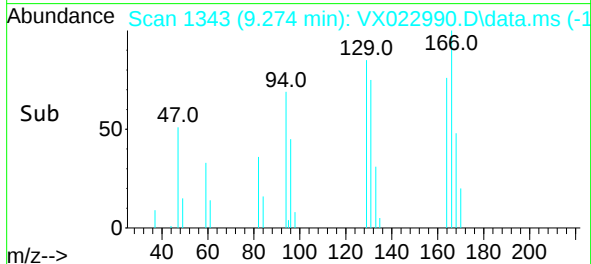
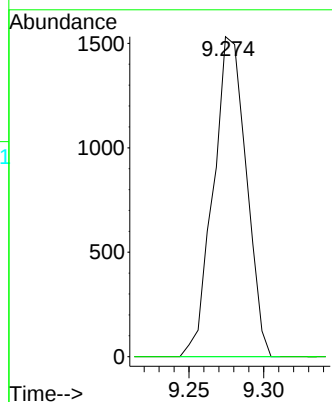
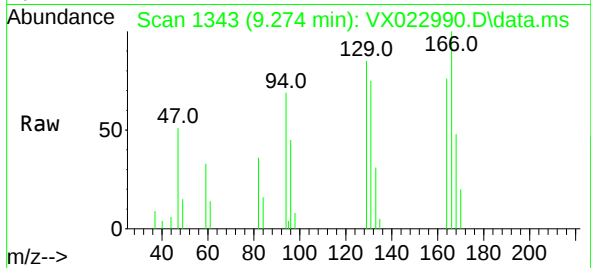




#60
Dibromochloromethane
Concen: 6.485 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX022990.D
Acq: 28 Jun 2021 19:45

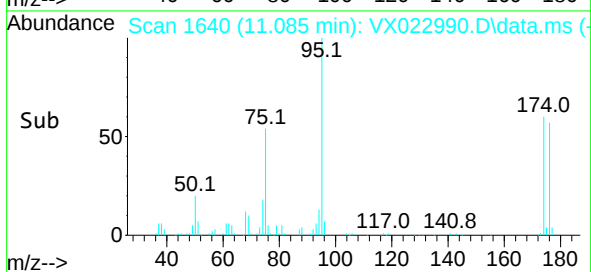
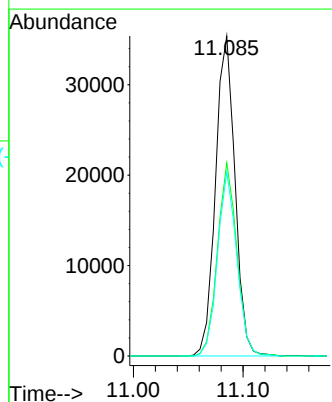
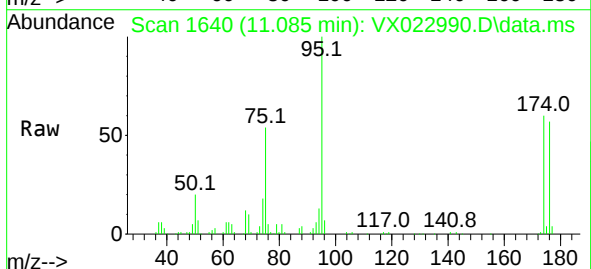
Instrument :
MSVOA_X
ClientSampleId :
MW-16D

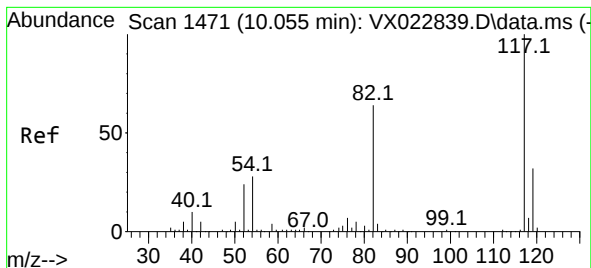
Tgt Ion:129 Resp: 2344
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 44.693 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022990.D
Acq: 28 Jun 2021 19:45

Tgt Ion: 95 Resp: 43733
Ion Ratio Lower Upper
95 100
174 60.3 0.0 154.6
176 56.9 0.0 155.8

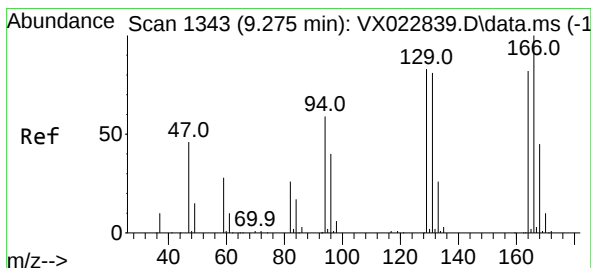
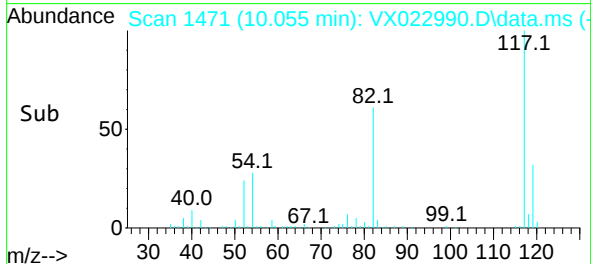
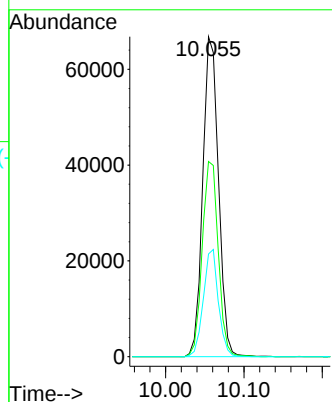
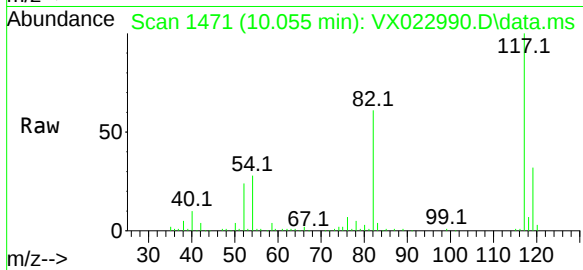




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022990.D
Acq: 28 Jun 2021 19:45

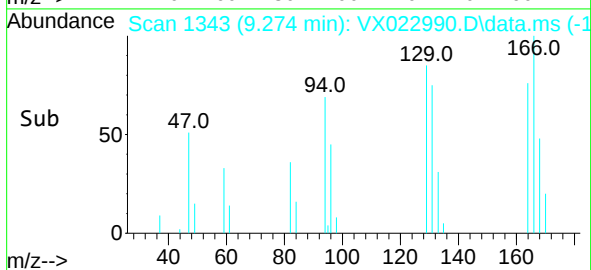
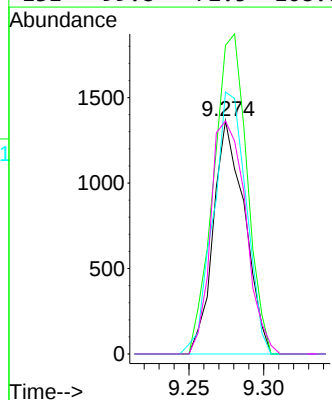
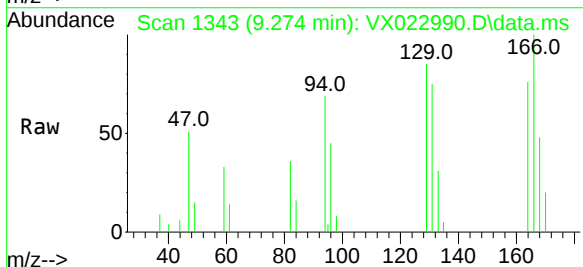
Instrument :
MSVOA_X
ClientSampleId :
MW-16D

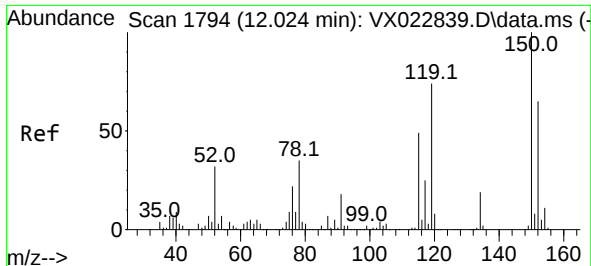
Tgt Ion:117 Resp: 92998
Ion Ratio Lower Upper
117 100
82 61.0 47.4 71.2
119 32.1 26.6 39.8



#64
Tetrachloroethene
Concen: 3.039 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.001 min
Lab File: VX022990.D
Acq: 28 Jun 2021 19:45

Tgt Ion:164 Resp: 1986
Ion Ratio Lower Upper
164 100
166 132.2 103.4 155.2
129 112.2 70.8 106.2#
131 99.8 72.5 108.7

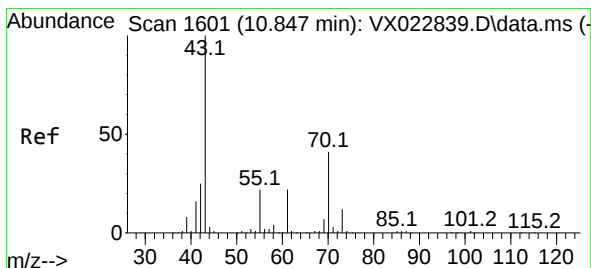
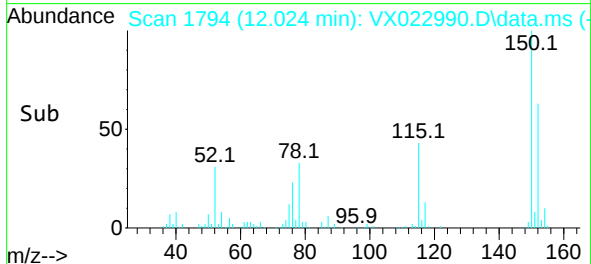
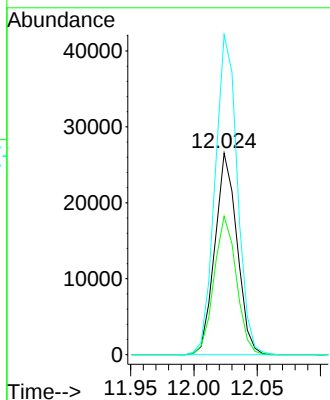
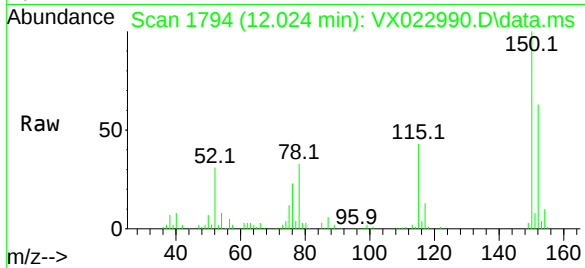




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022990.D
Acq: 28 Jun 2021 19:45

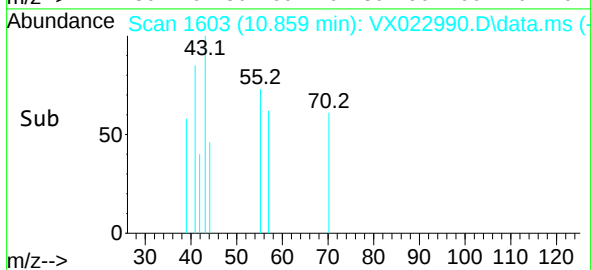
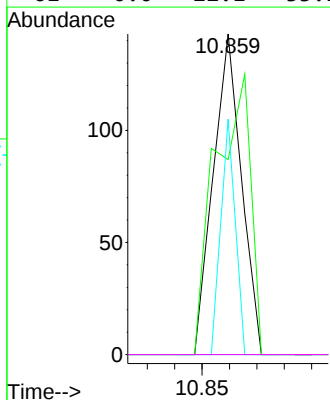
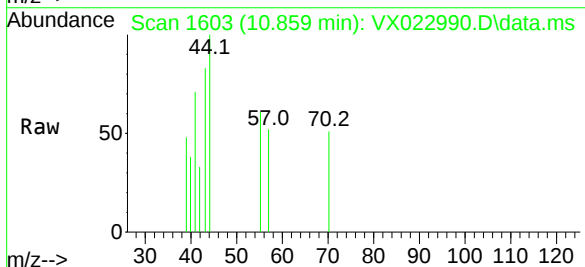
Instrument :
MSVOA_X
ClientSampleId :
MW-16D

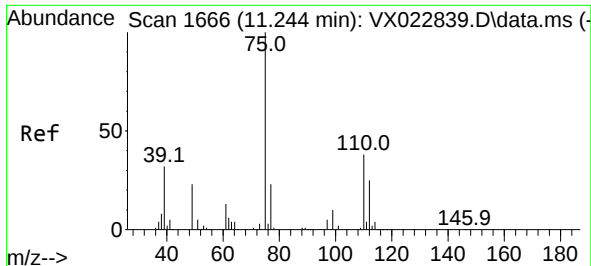
Tgt Ion:152 Resp: 32268
Ion Ratio Lower Upper
152 100
115 69.6 41.1 123.3
150 159.8 0.0 349.0



#74
N-ethyl acetate
Concen: 2.118 ug/l
RT: 10.859 min Scan# 1603
Delta R.T. 0.012 min
Lab File: VX022990.D
Acq: 28 Jun 2021 19:45

Tgt Ion: 43 Resp: 102
Ion Ratio Lower Upper
43 100
70 108.8 39.0 58.6#
55 37.3 21.5 32.3#
61 0.0 22.1 33.1#

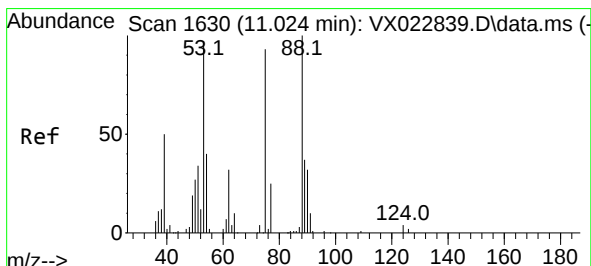
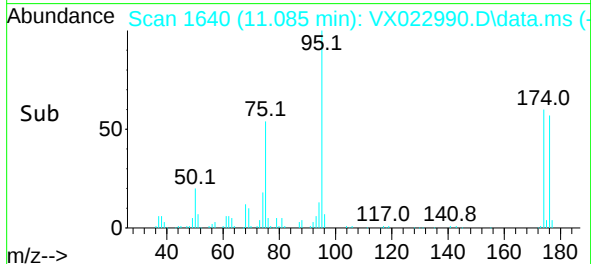
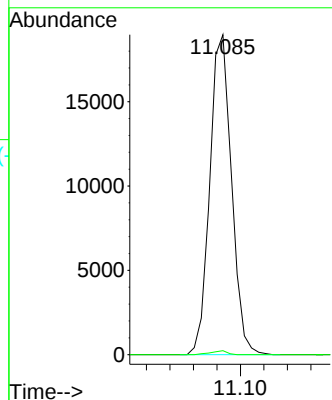
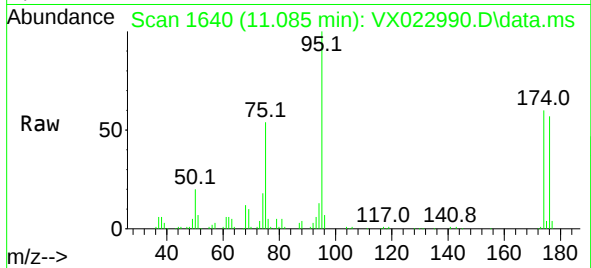




#76
1,2,3-Trichloropropane
Concen: 28.517 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022990.D
Acq: 28 Jun 2021 19:45

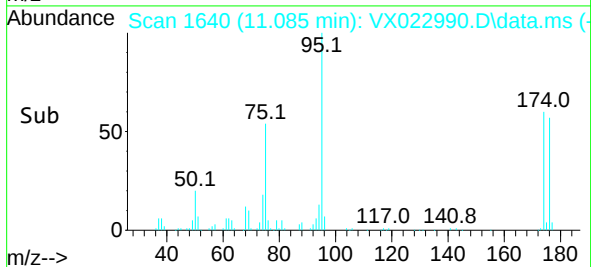
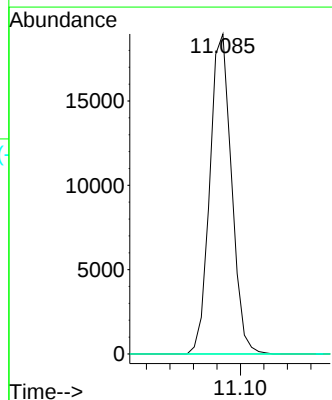
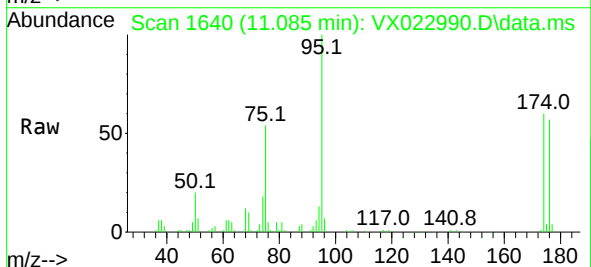
Instrument :
MSVOA_X
ClientSampled :
MW-16D

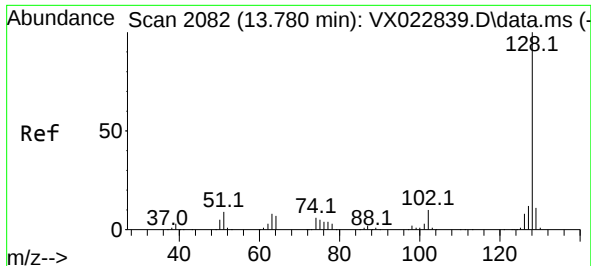
Tgt Ion: 75 Resp: 24306
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.507 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022990.D
Acq: 28 Jun 2021 19:45

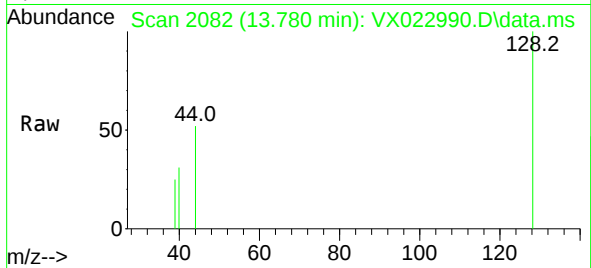
Tgt Ion: 75 Resp: 24306
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 2.106 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022990.D
Acq: 28 Jun 2021 19:45

Instrument :
MSVOA_X
ClientSampleId :
MW-16D



Tgt Ion:128 Resp: 503
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

