

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052721\
 Data File : VX022205.D
 Acq On : 26 May 2021 18:16
 Operator : JC/MD
 Sample : M2526-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-121.5T-20210525

Quant Time: May 27 04:08:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

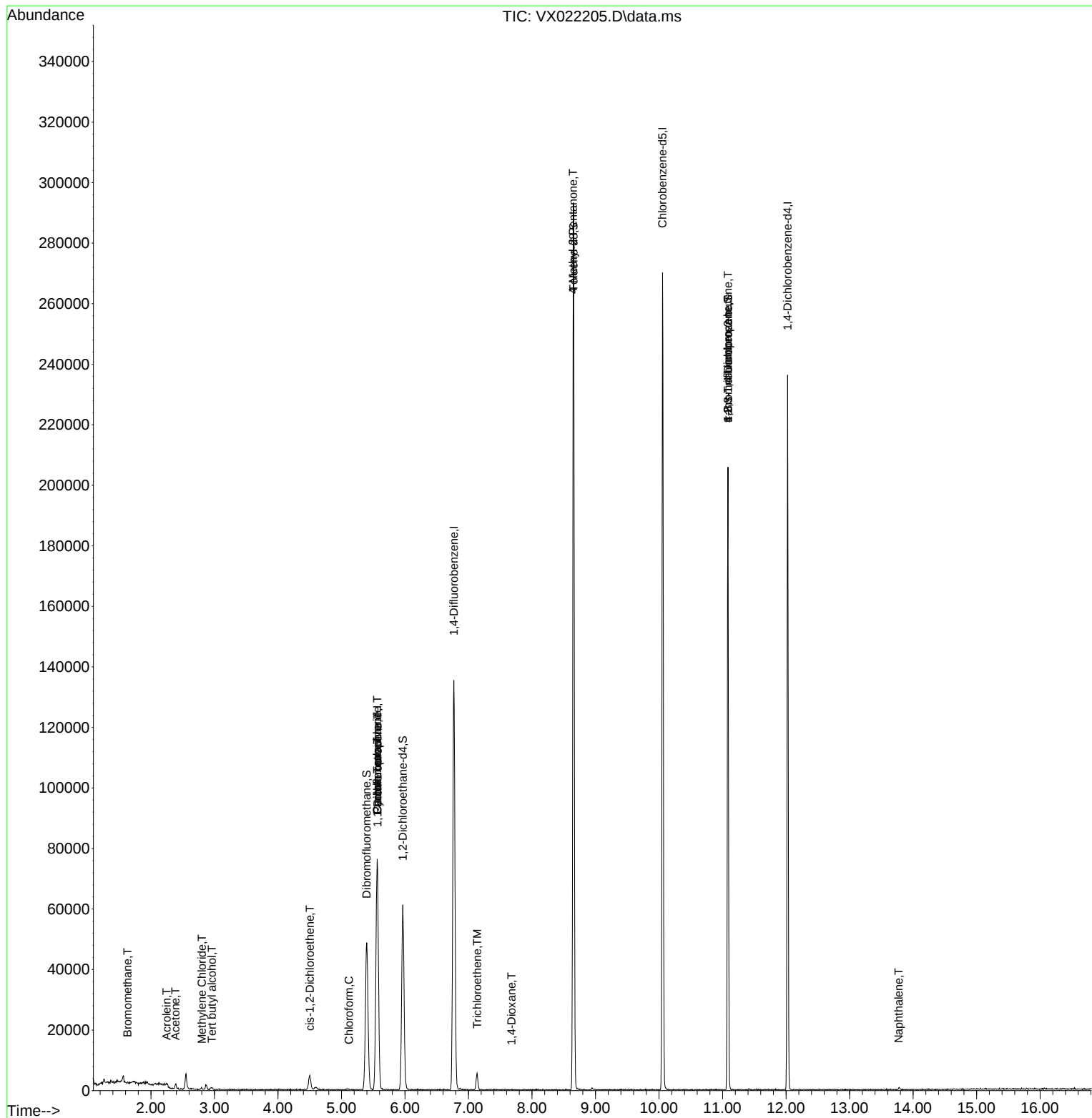
Internal Standards						
1) Pentafluorobenzene	5.562	168	65999	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	137422	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42881	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53721	52.77	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.54%			
35) Dibromofluoromethane	5.397	113	41943	48.13	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.26%			
50) Toluene-d8	8.653	98	167525	49.90	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.80%			
62) 4-Bromofluorobenzene	11.085	95	55211	44.50	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.00%			
Target Compounds						Qvalue
5) Bromomethane	1.630	94	234	0.44	ug/l #	2
11) Tert butyl alcohol	2.959	59	537	2.31	ug/l #	73
13) Acrolein	2.246	56	50	0.32	ug/l #	1
16) Acetone	2.386	43	1681	3.79	ug/l	88
20) Methylene Chloride	2.800	84	286	0.29	ug/l #	42
27) cis-1,2-Dichloroethene	4.501	96	2675	2.67	ug/l	93
30) Chloroform	5.117	83	330	0.20	ug/l	86
31) Cyclohexane	5.562	56	1818	1.42	ug/l #	1
36) 1,1-Dichloropropene	5.568	75	6172	4.86	ug/l #	49
38) Carbon Tetrachloride	5.562	117	7764	6.25	ug/l #	16
44) Trichloroethene	7.135	130	1792	1.84	ug/l	98
49) 1,4-Dioxane	7.677	88	22	0.96	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	908	0.59	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	28886	27.31	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	28886	64.70	ug/l #	12
95) Naphthalene	13.774	128	728	0.22	ug/l #	91

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

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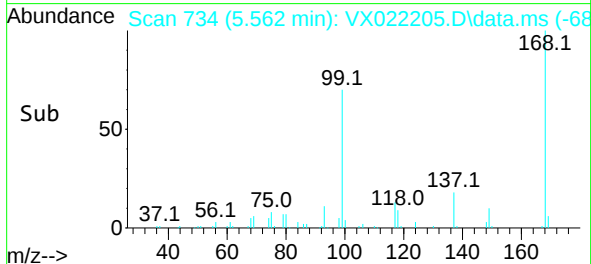
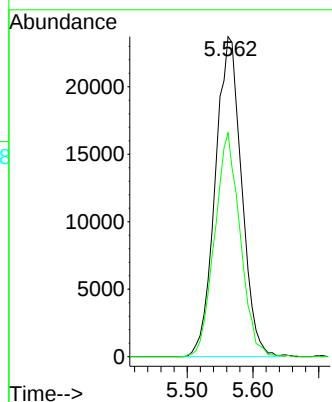
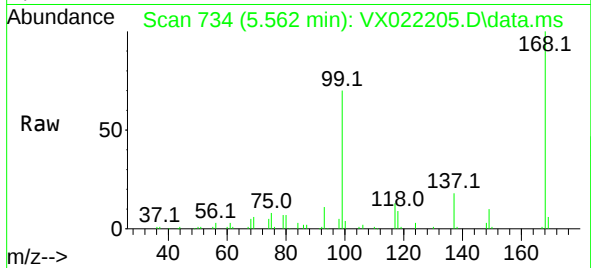




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022205.D
Acq: 26 May 2021 18:16

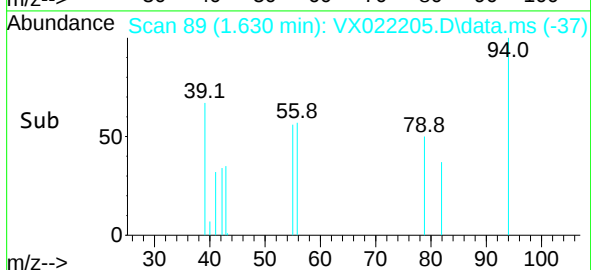
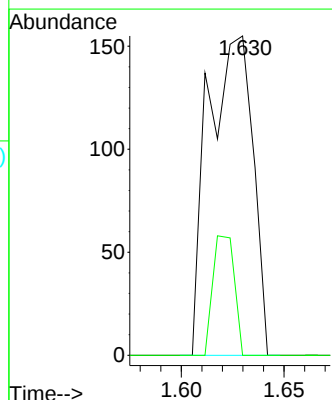
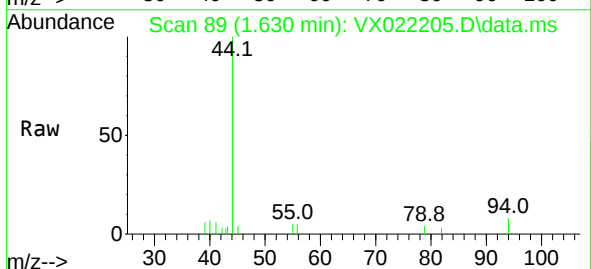
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5T-20210525

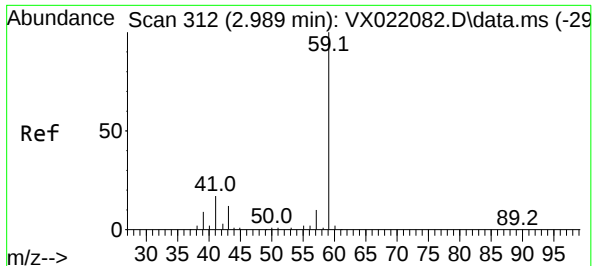
Tgt Ion:168 Resp: 65999
Ion Ratio Lower Upper
168 100
99 69.9 45.8 68.6#



#5
Bromomethane
Concen: 0.44 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.018 min
Lab File: VX022205.D
Acq: 26 May 2021 18:16

Tgt Ion: 94 Resp: 234
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



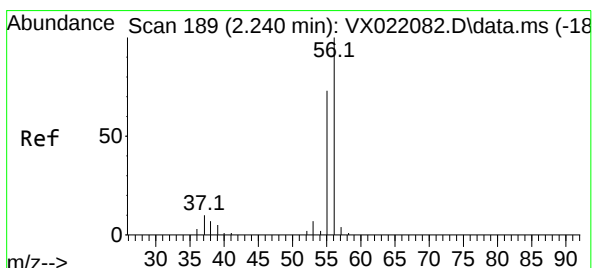
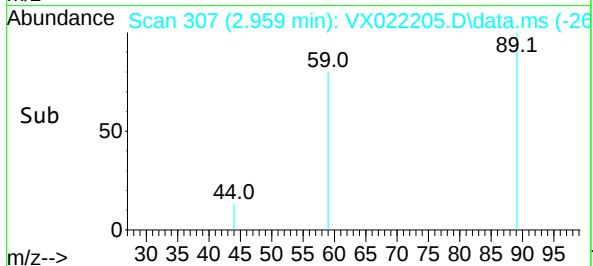
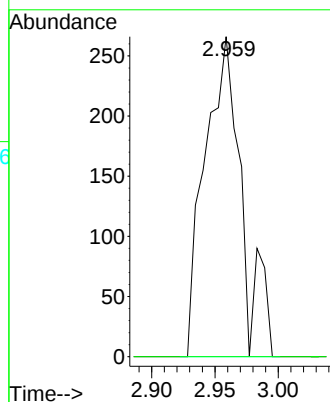
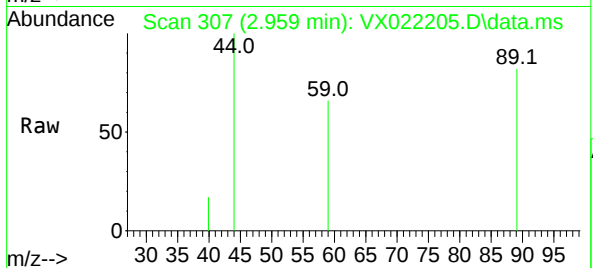


#11

Tert butyl alcohol
Concen: 2.31 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX022205.D
Acq: 26 May 2021 18:16

Instrument :
MSVOA_X
ClientSampleId :
MH-121.5T-20210525

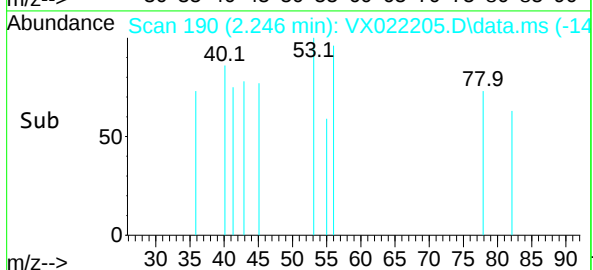
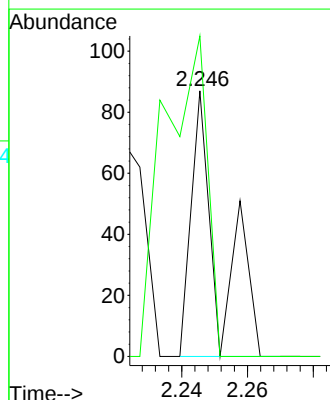
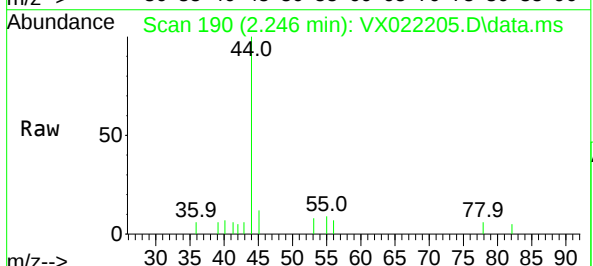
Tgt Ion: 59 Resp: 537
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

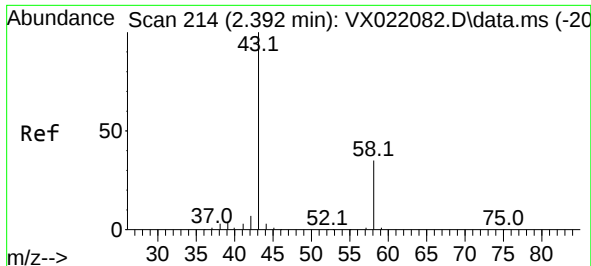


#13

Acrolein
Concen: 0.32 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX022205.D
Acq: 26 May 2021 18:16

Tgt Ion: 56 Resp: 50
Ion Ratio Lower Upper
56 100
55 190.0 56.4 84.6#

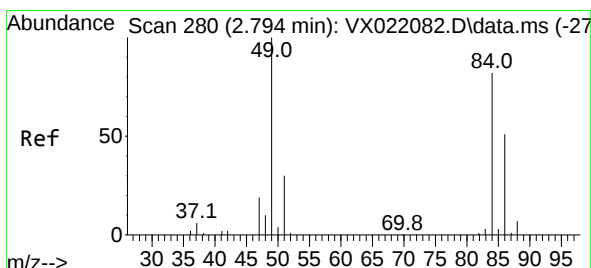
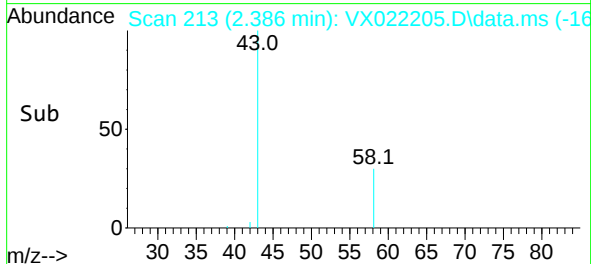
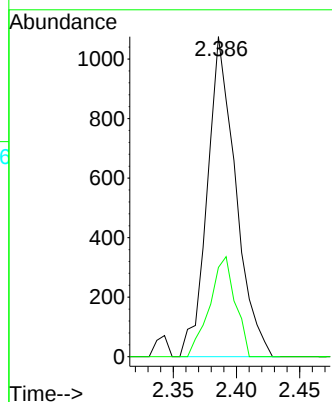
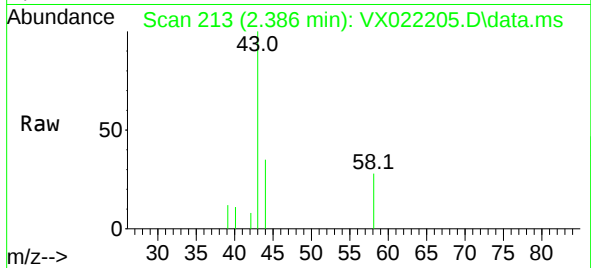




#16
Acetone
Concen: 3.79 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022205.D
Acq: 26 May 2021 18:16

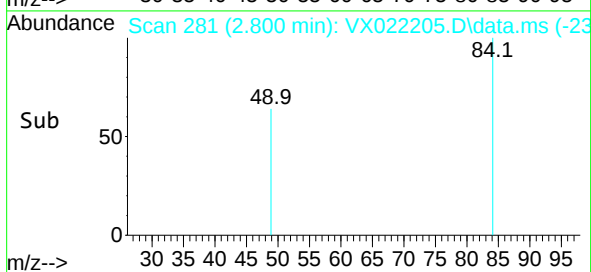
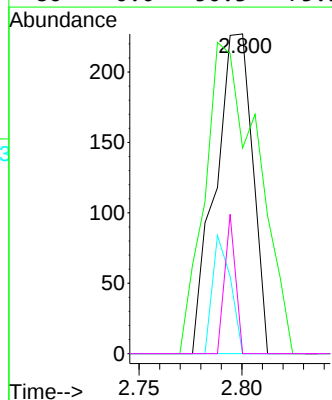
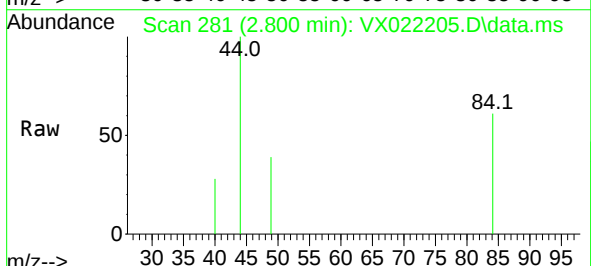
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5T-20210525

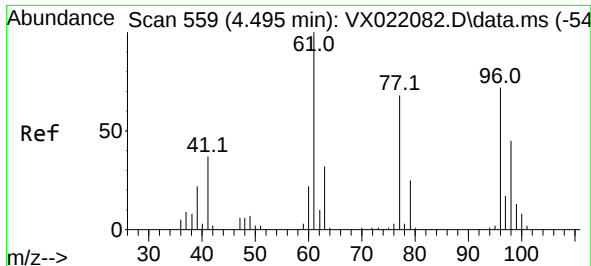
Tgt Ion: 43 Resp: 1681
Ion Ratio Lower Upper
43 100
58 27.9 27.8 41.8



#20
Methylene Chloride
Concen: 0.29 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022205.D
Acq: 26 May 2021 18:16

Tgt Ion: 84 Resp: 286
Ion Ratio Lower Upper
84 100
49 64.3 88.6 132.8#
51 0.0 27.0 40.6#
86 0.0 50.3 75.5#





#27

cis-1,2-Dichloroethene

Concen: 2.67 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.006 min

Lab File: VX022205.D

Acq: 26 May 2021 18:16

Tgt Ion: 96 Resp: 2675

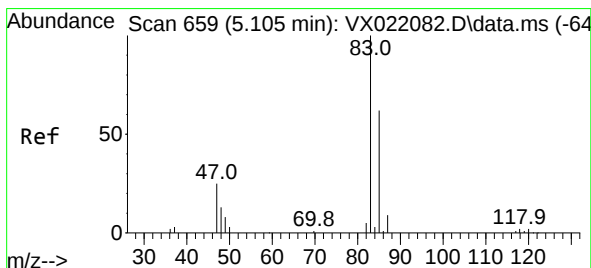
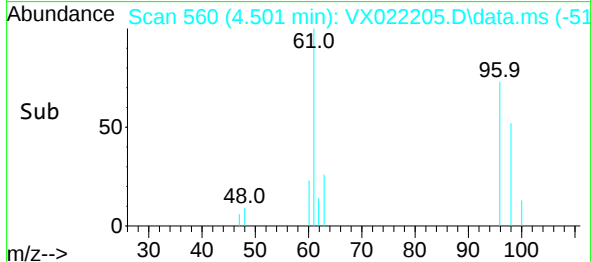
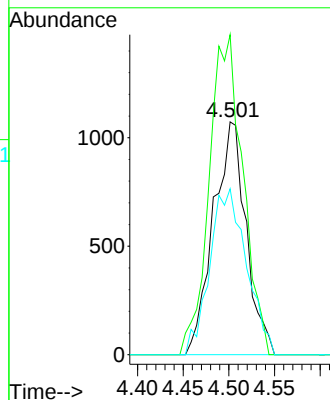
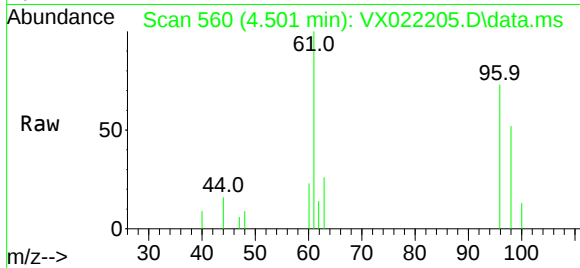
Ion	Ratio	Lower	Upper
96	100		
61	141.4	0.0	285.6
98	79.9	0.0	129.6

Instrument :

MSVOA_X

ClientSampleId :

MH-121.5T-20210525



#30

Chloroform

Concen: 0.20 ug/l

RT: 5.117 min Scan# 661

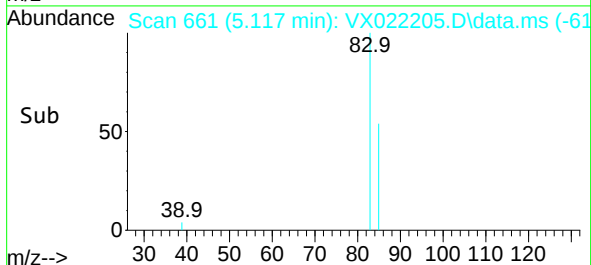
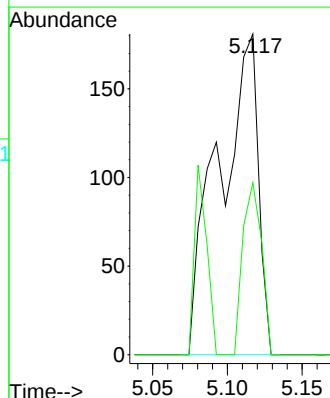
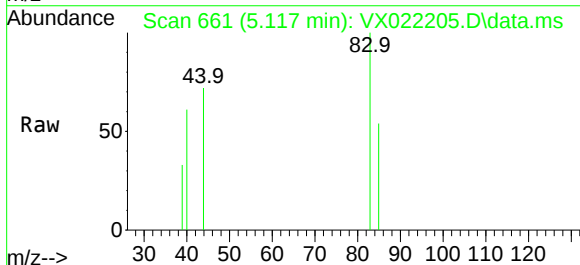
Delta R.T. 0.012 min

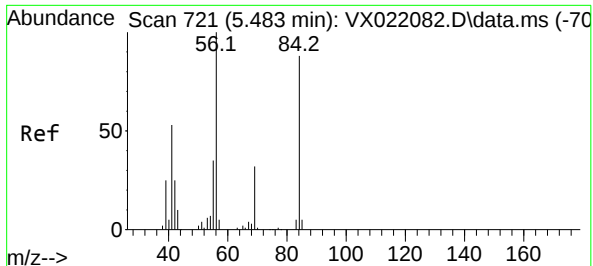
Lab File: VX022205.D

Acq: 26 May 2021 18:16

Tgt Ion: 83 Resp: 330

Ion	Ratio	Lower	Upper
83	100		
85	53.6	52.0	78.0

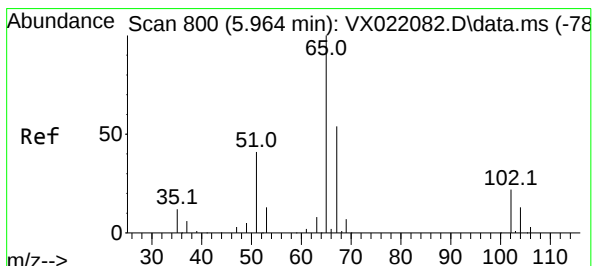
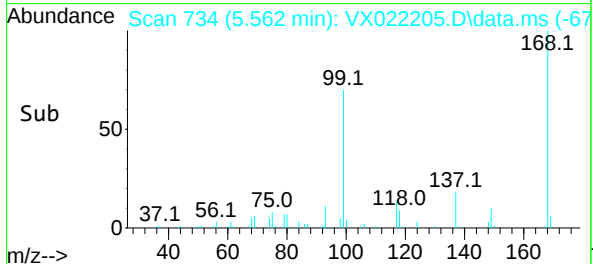
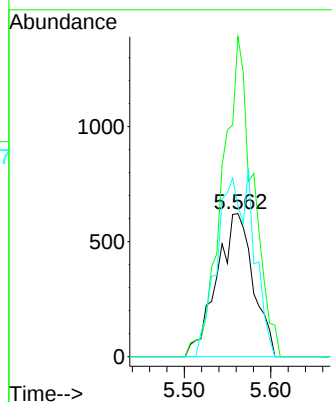
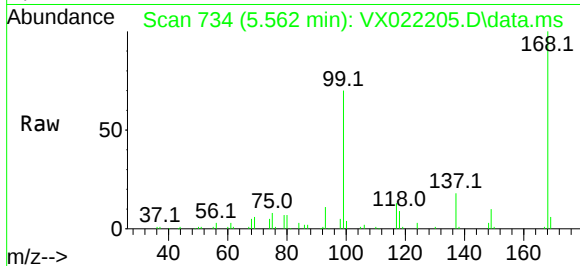




#31
Cyclohexane
Concen: 1.42 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022205.D
Acq: 26 May 2021 18:16

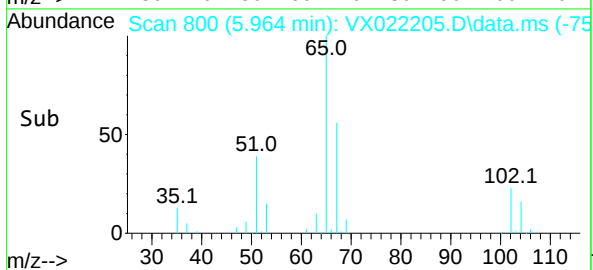
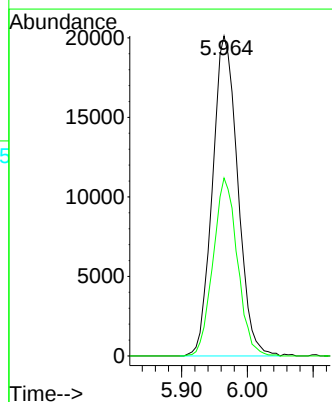
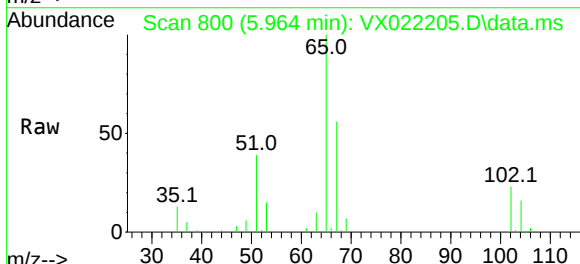
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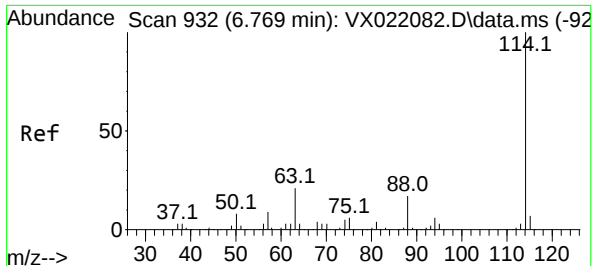
Tgt Ion: 56 Resp: 1818
Ion Ratio Lower Upper
56 100
69 223.6 25.3 37.9#
84 105.5 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 52.77 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022205.D
Acq: 26 May 2021 18:16

Tgt Ion: 65 Resp: 53721
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.4

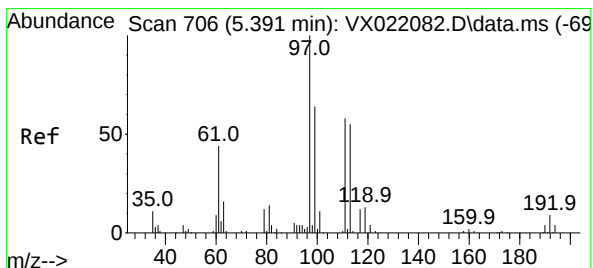
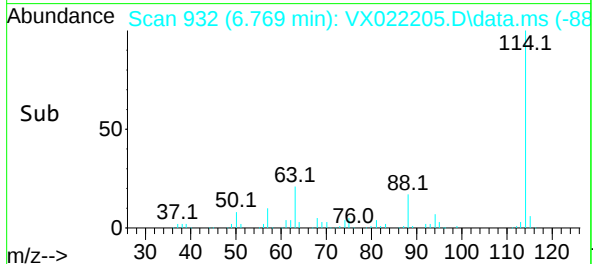
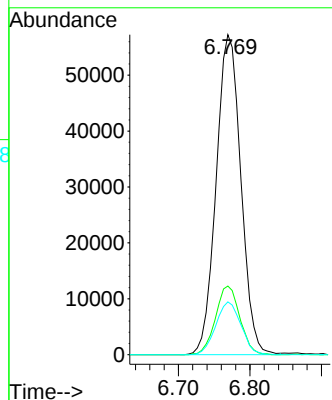
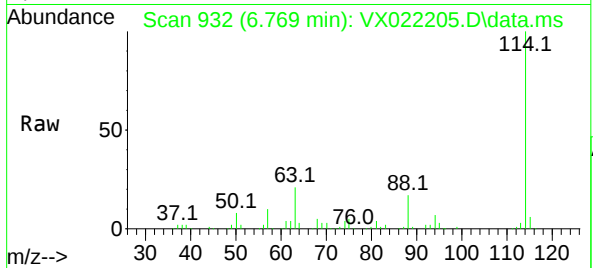




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022205.D
Acq: 26 May 2021 18:16

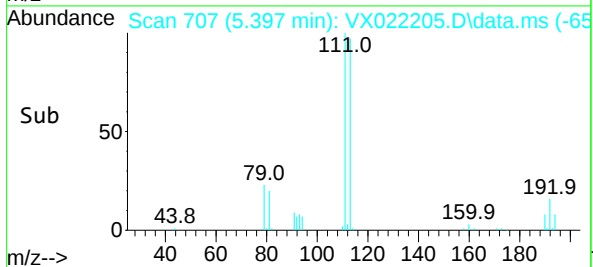
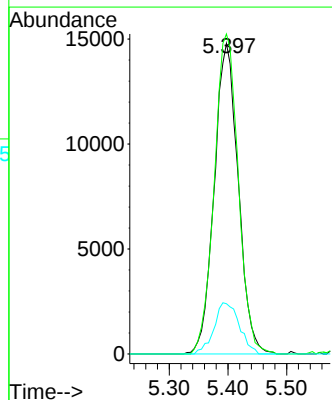
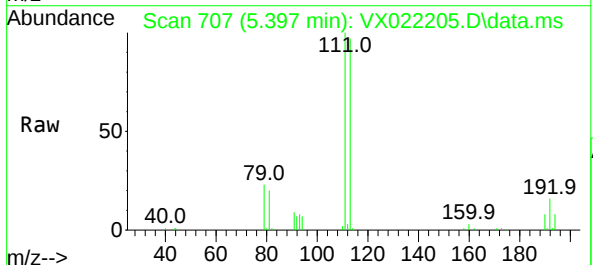
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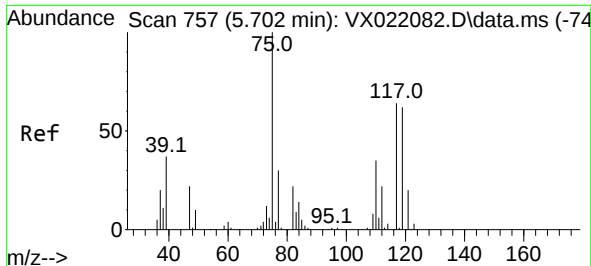
Tgt Ion:114 Resp: 137422
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.13 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022205.D
Acq: 26 May 2021 18:16

Tgt Ion:113 Resp: 41943
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 17.4 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.86 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.134 min

Lab File: VX022205.D

Acq: 26 May 2021 18:16

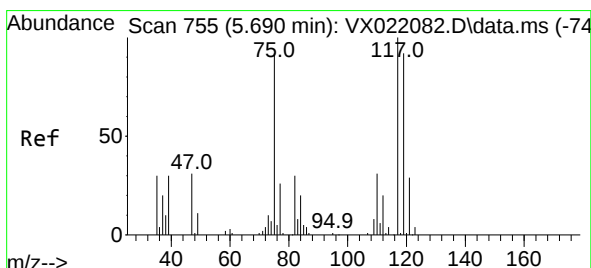
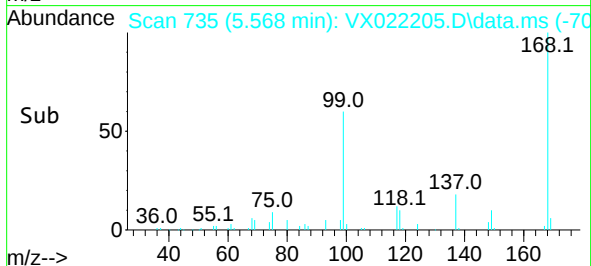
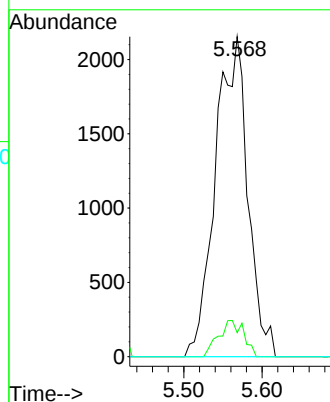
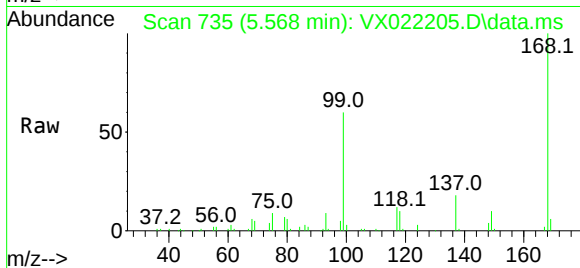
Tgt Ion:	75	Resp:	6172
Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :

MSVOA_X

ClientSampleId :

MH-121.5T-20210525



#38

Carbon Tetrachloride

Concen: 6.25 ug/l

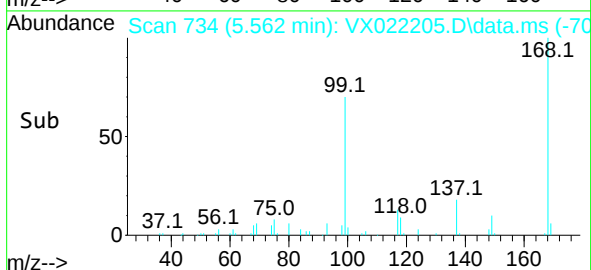
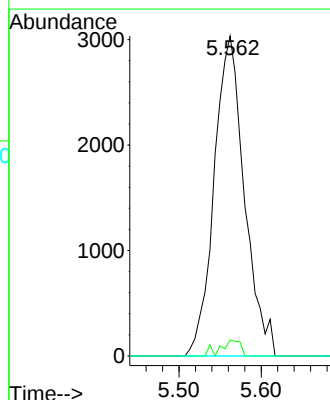
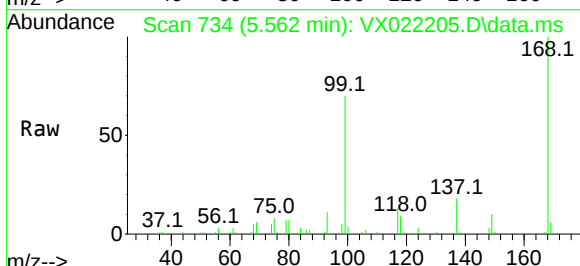
RT: 5.562 min Scan# 734

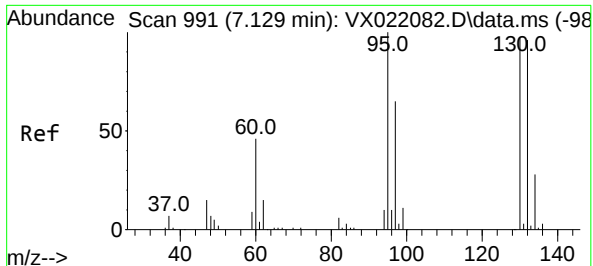
Delta R.T. -0.128 min

Lab File: VX022205.D

Acq: 26 May 2021 18:16

Tgt Ion:	117	Resp:	7764
Ion	Ratio	Lower	Upper
117	100		
119	5.0	76.2	114.2#
121	0.0	24.8	37.2#

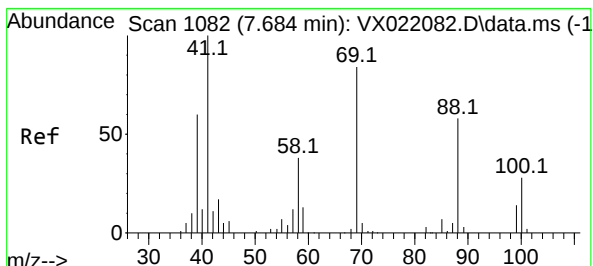
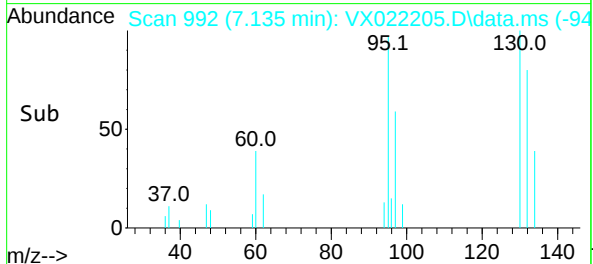
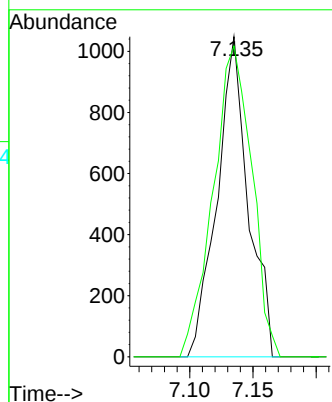
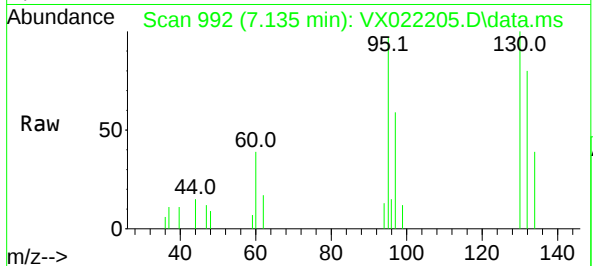




#44
Trichloroethene
Concen: 1.84 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022205.D
Acq: 26 May 2021 18:16

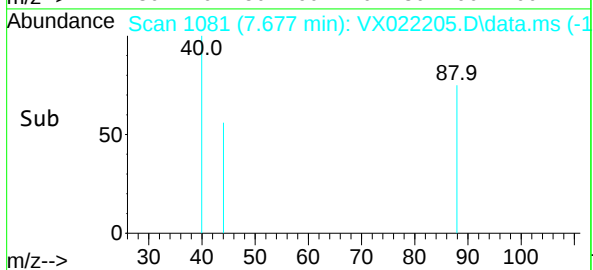
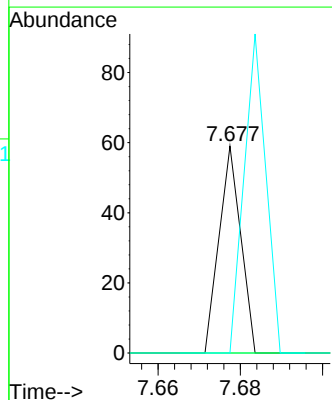
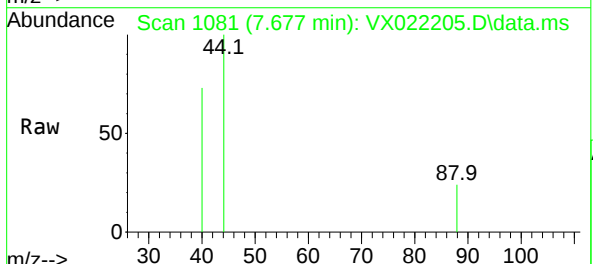
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5T-20210525

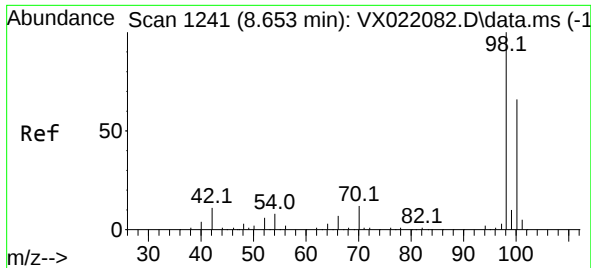
Tgt Ion:130 Resp: 1792
Ion Ratio Lower Upper
130 100
95 97.0 0.0 198.0



#49
1,4-Dioxane
Concen: 0.96 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.007 min
Lab File: VX022205.D
Acq: 26 May 2021 18:16

Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 150.0 55.0 82.4#

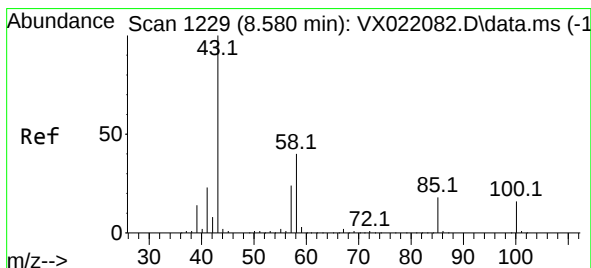
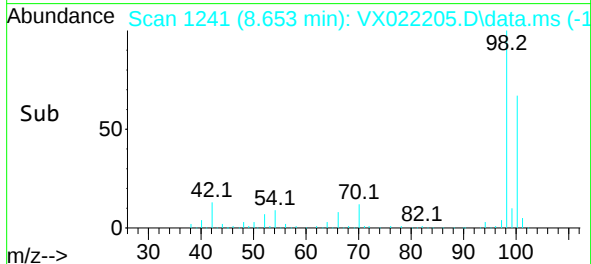
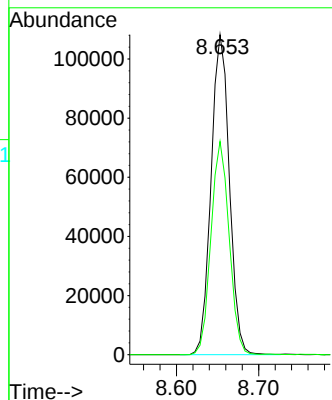
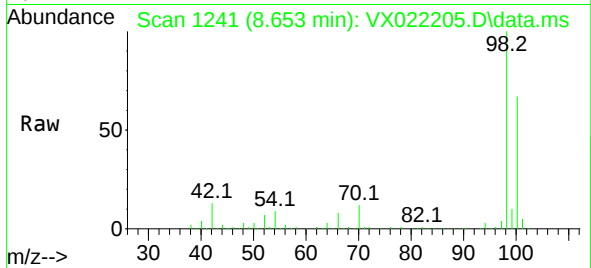




#50
Toluene-d8
Concen: 49.90 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022205.D
Acq: 26 May 2021 18:16

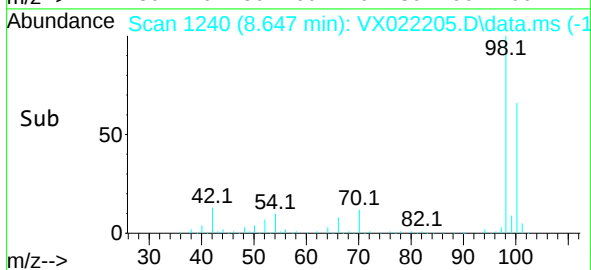
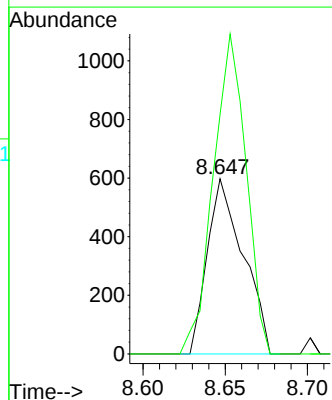
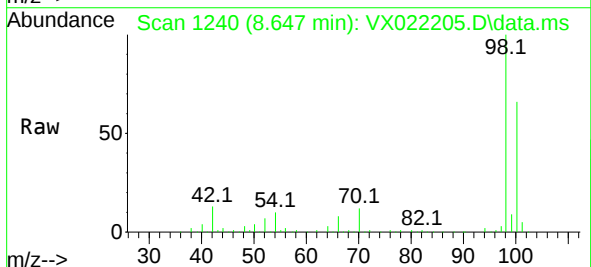
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5T-20210525

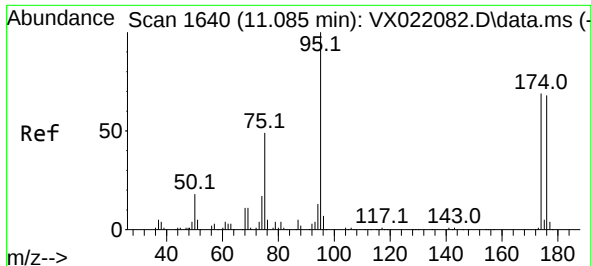
Tgt Ion: 98 Resp: 167525
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.59 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX022205.D
Acq: 26 May 2021 18:16

Tgt Ion: 43 Resp: 908
Ion Ratio Lower Upper
43 100
58 167.2 35.4 53.0#

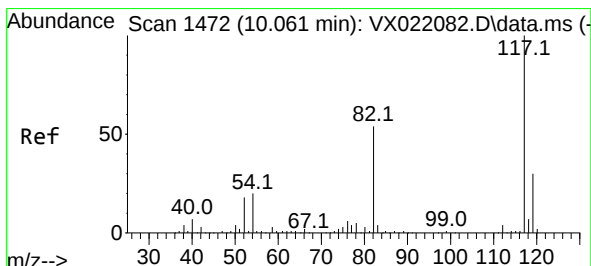
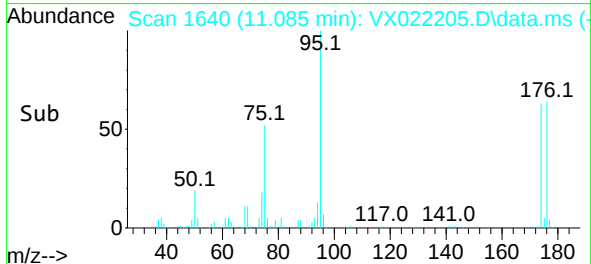
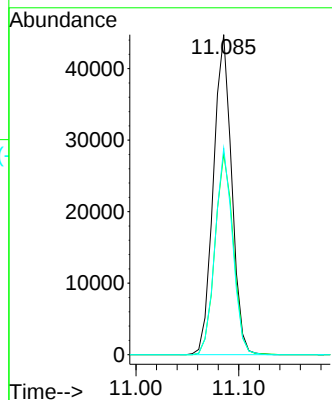
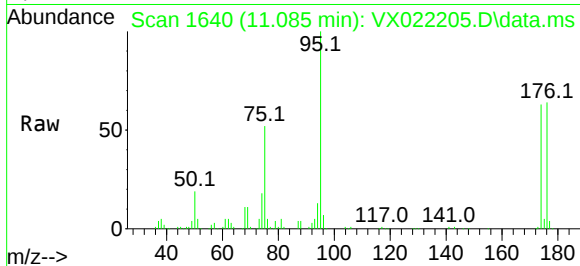




#62
4-Bromofluorobenzene
Concen: 44.50 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022205.D
Acq: 26 May 2021 18:16

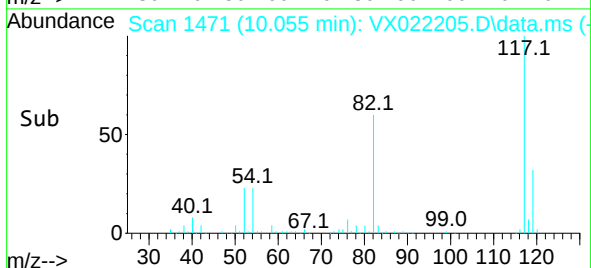
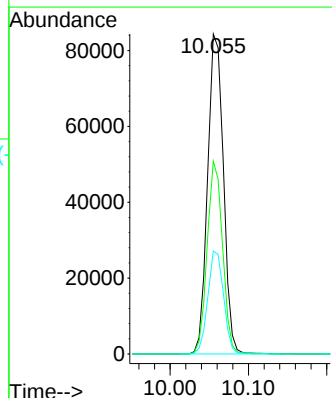
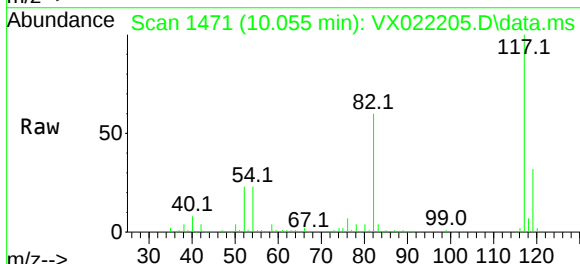
Instrument :
MSVOA_X
ClientSampleId :
MH-121.5T-20210525

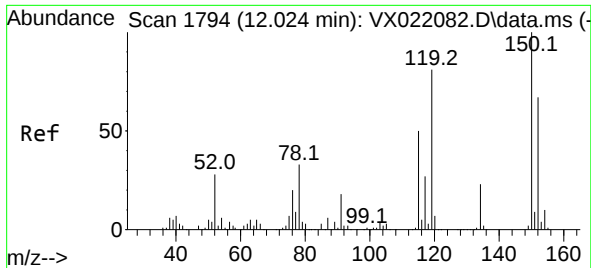
Tgt Ion: 95 Resp: 55211
Ion Ratio Lower Upper
95 100
174 62.7 0.0 154.6
176 62.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022205.D
Acq: 26 May 2021 18:16

Tgt Ion: 117 Resp: 118130
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.2
119 32.1 26.6 39.8

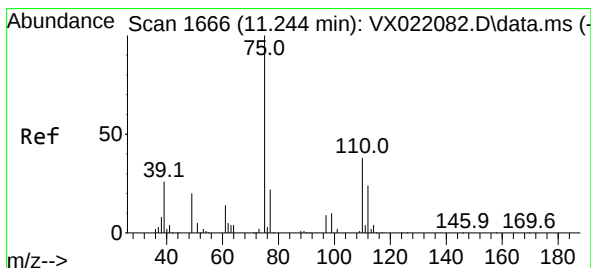
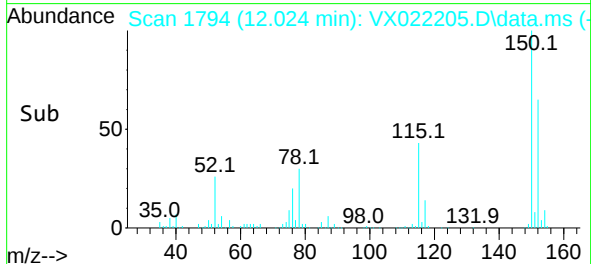
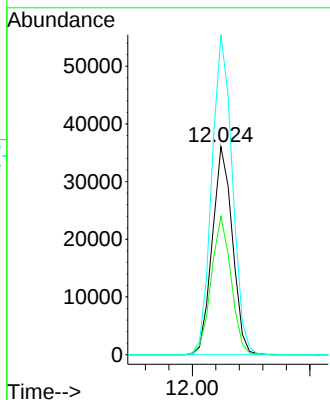
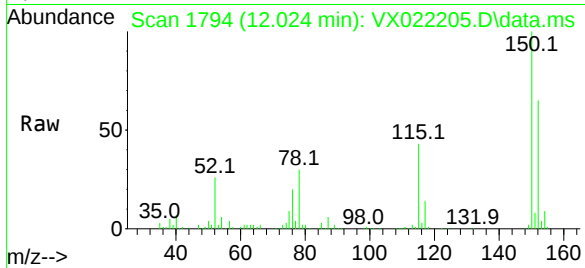




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022205.D
 Acq: 26 May 2021 18:16

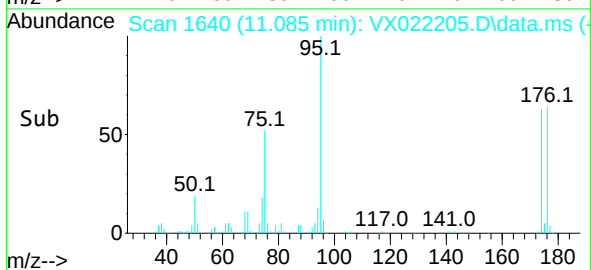
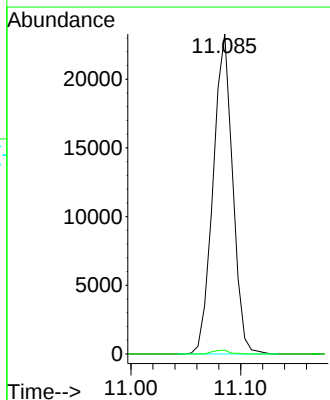
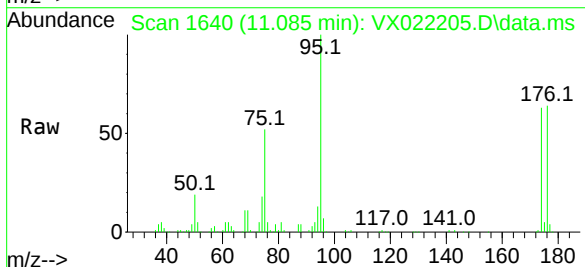
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-121.5T-20210525

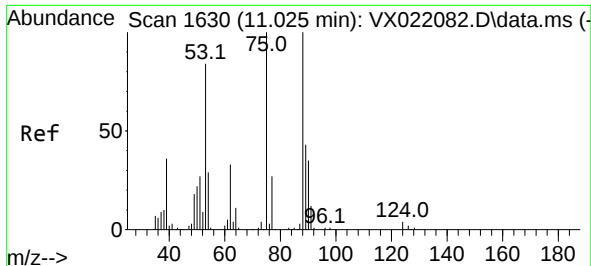
Tgt Ion:152 Resp: 42881
 Ion Ratio Lower Upper
 152 100
 115 65.6 41.1 123.3
 150 156.9 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.31 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022205.D
 Acq: 26 May 2021 18:16

Tgt Ion: 75 Resp: 28886
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#

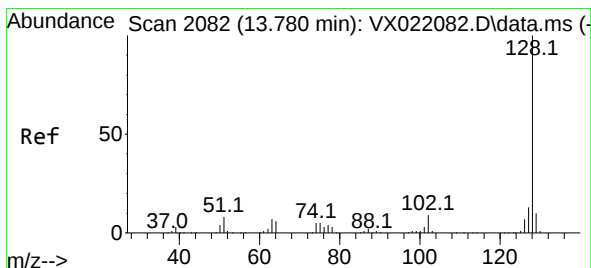
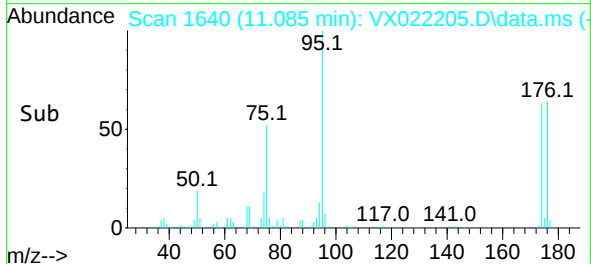
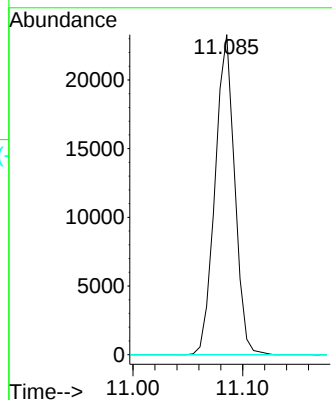
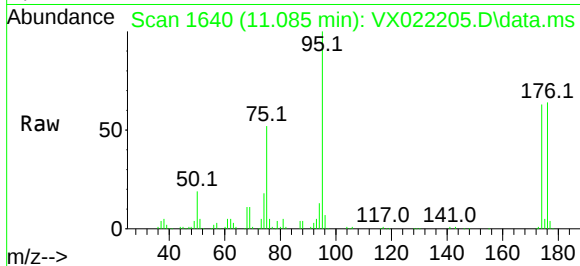




#81
trans-1,4-Dichloro-2-butene
Concen: 64.70 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022205.D
Acq: 26 May 2021 18:16

Instrument :
MSVOA_X
ClientSampleId :
MH-121.5T-20210525

Tgt Ion: 75 Resp: 28886
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 0.22 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX022205.D
Acq: 26 May 2021 18:16

Tgt Ion: 128 Resp: 728
Ion Ratio Lower Upper
128 100
127 7.7 10.3 15.5#
129 9.8 8.8 13.2

