

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052721\
 Data File : VX022202.D
 Acq On : 26 May 2021 17:05
 Operator : JC/MD
 Sample : M2526-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-118.5N-20210525

Quant Time: May 27 04:07:32 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)

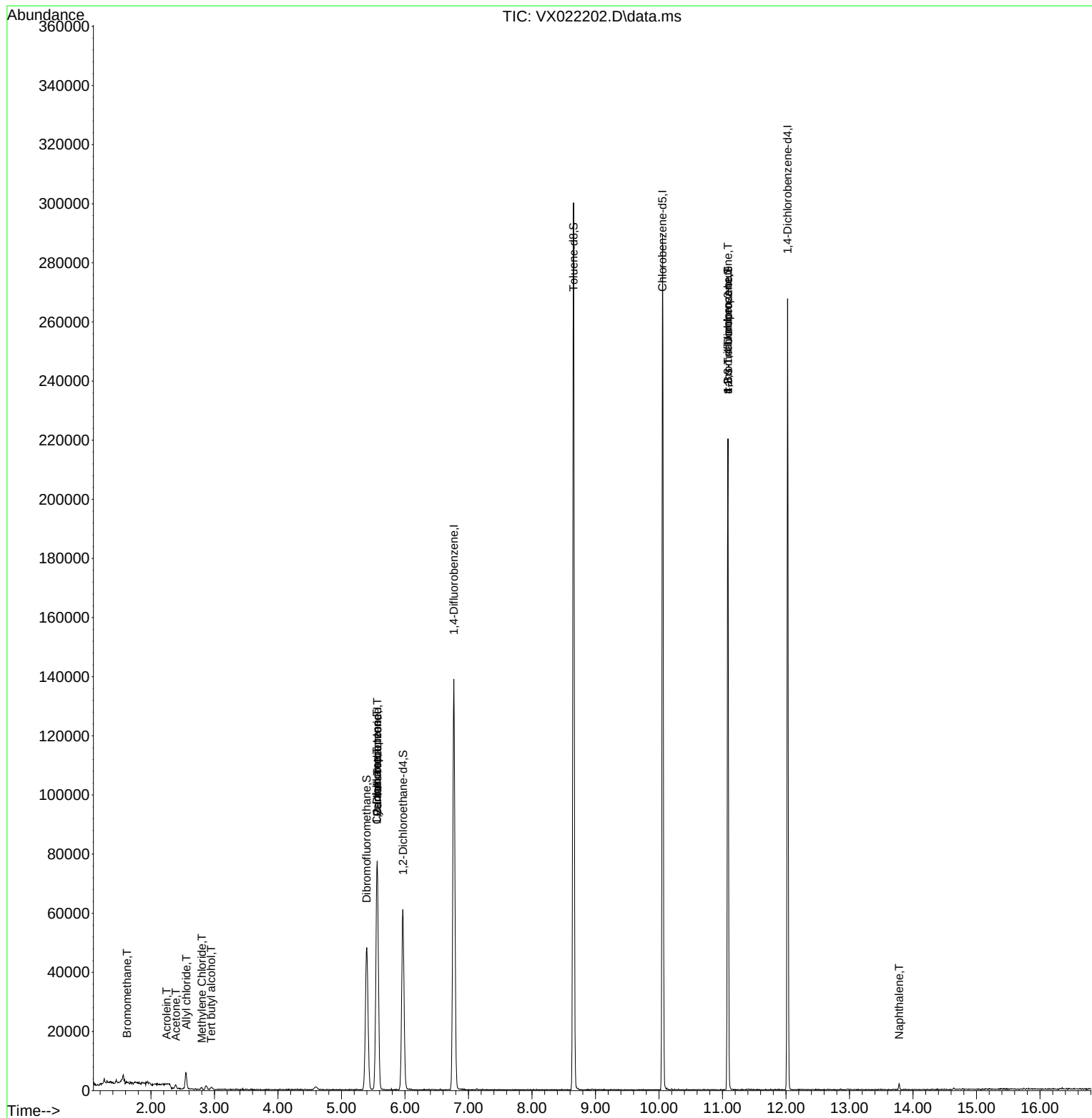
Internal Standards						
1) Pentafluorobenzene	5.562	168	67032	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	137777	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47290	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	54060	52.28	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.56%			
35) Dibromofluoromethane	5.397	113	41578	47.59	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.18%			
50) Toluene-d8	8.653	98	168973	50.21	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.42%			
62) 4-Bromofluorobenzene	11.085	95	58475	47.01	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.02%			
Target Compounds						Qvalue
5) Bromomethane	1.624	94	261	0.48	ug/l	81
11) Tert butyl alcohol	2.947	59	568	2.40	ug/l #	73
13) Acrolein	2.246	56	54	0.34	ug/l #	1
14) Allyl chloride	2.557	41	710	0.50	ug/l #	55
16) Acetone	2.392	43	1527	3.39	ug/l #	87
20) Methylene Chloride	2.800	84	279	0.28	ug/l #	52
31) Cyclohexane	5.556	56	1866	1.44	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6340	4.98	ug/l #	47
38) Carbon Tetrachloride	5.562	117	7354	5.90	ug/l #	15
76) 1,2,3-Trichloropropane	11.085	75	30521	26.16	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	30521	61.99	ug/l #	12
95) Naphthalene	13.780	128	1451	0.39	ug/l #	92

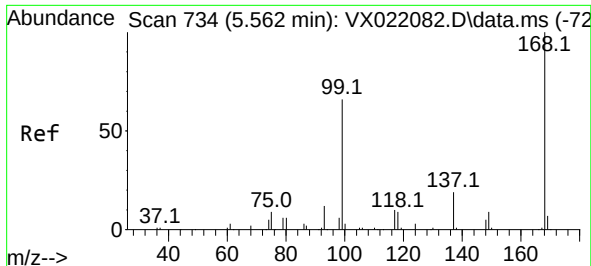
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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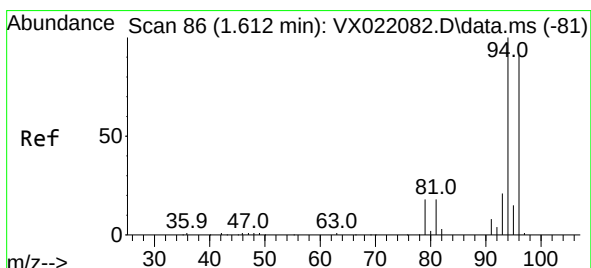
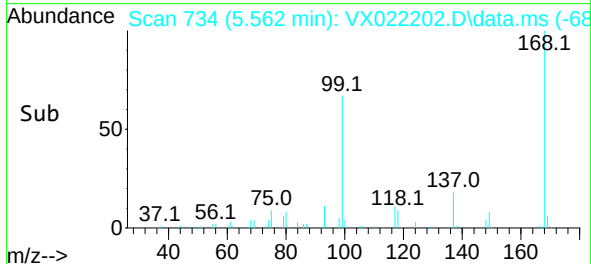
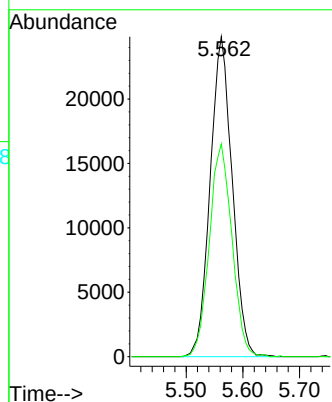
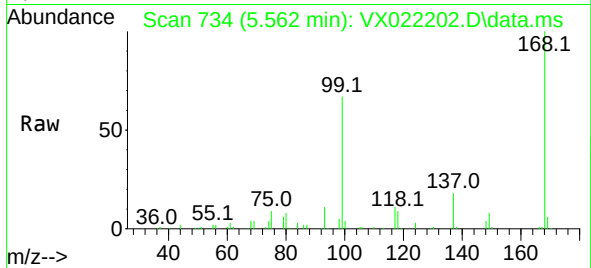




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022202.D
Acq: 26 May 2021 17:05

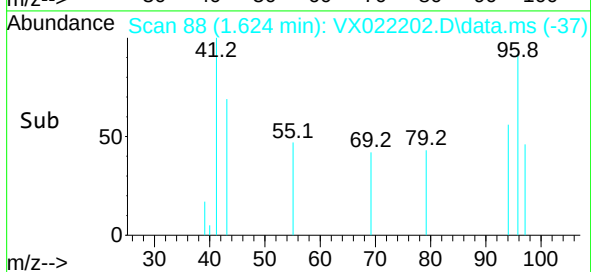
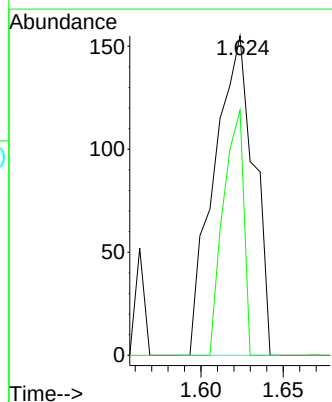
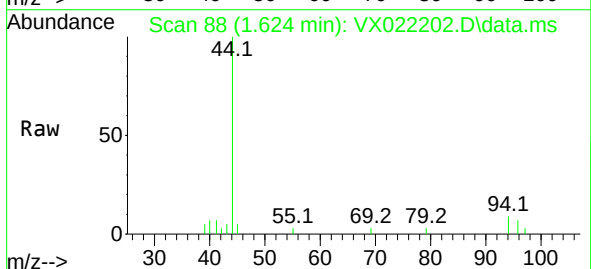
Instrument :
MSVOA_X
ClientSampleId :
MH-118.5N-20210525

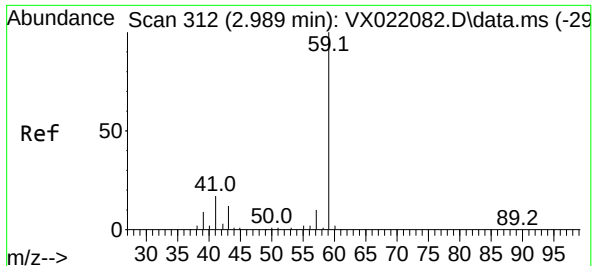
Tgt Ion:168 Resp: 67032
Ion Ratio Lower Upper
168 100
99 66.5 45.8 68.6



#5
Bromomethane
Concen: 0.48 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX022202.D
Acq: 26 May 2021 17:05

Tgt Ion: 94 Resp: 261
Ion Ratio Lower Upper
94 100
96 76.8 76.4 114.6



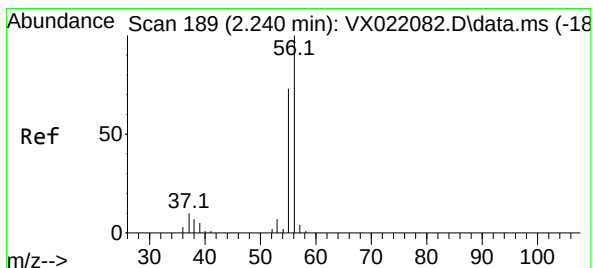
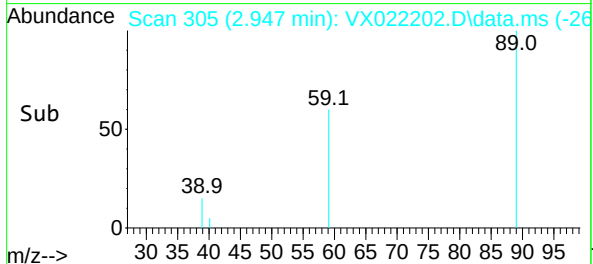
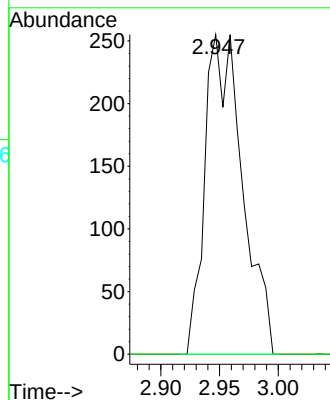
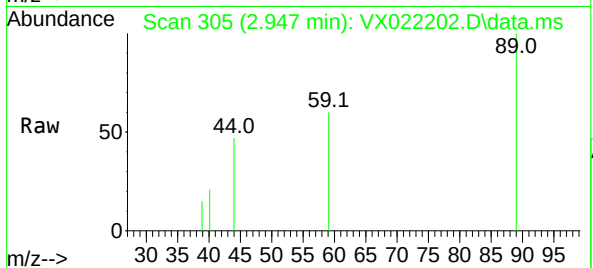


#11

Tert butyl alcohol
Concen: 2.40 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX022202.D
Acq: 26 May 2021 17:05

Instrument :
MSVOA_X
ClientSampleId :
MH-118.5N-20210525

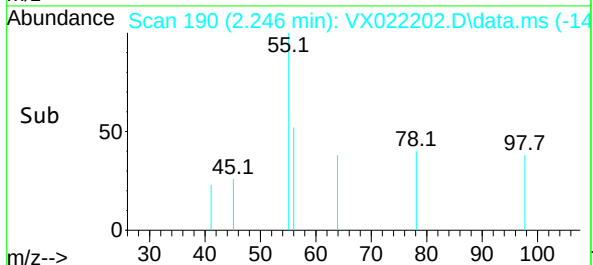
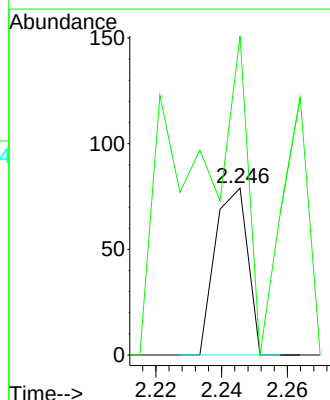
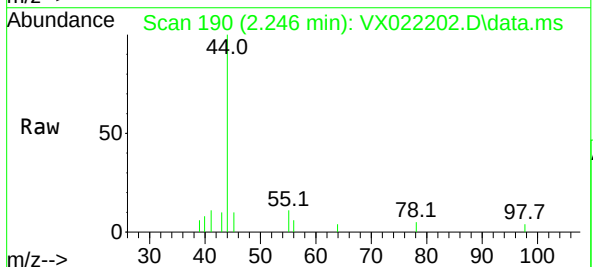
Tgt Ion: 59 Resp: 568
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

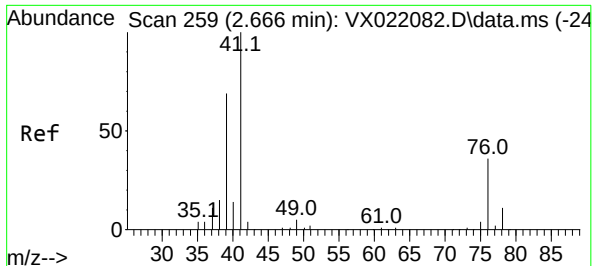


#13

Acrolein
Concen: 0.34 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX022202.D
Acq: 26 May 2021 17:05

Tgt Ion: 56 Resp: 54
Ion Ratio Lower Upper
56 100
55 353.7 56.4 84.6#





#14

Allyl chloride

Concen: 0.50 ug/l

RT: 2.557 min Scan# 241

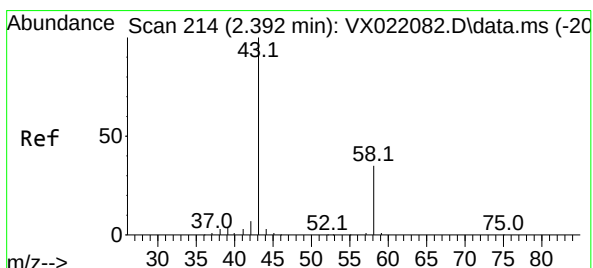
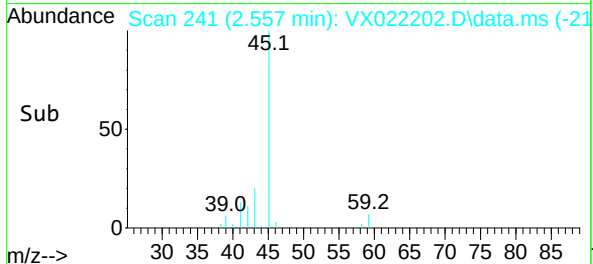
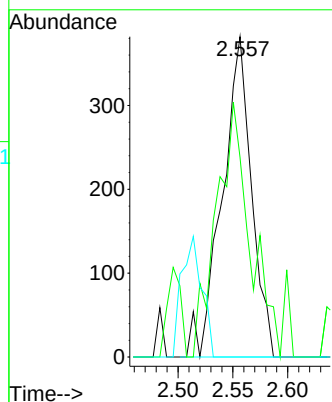
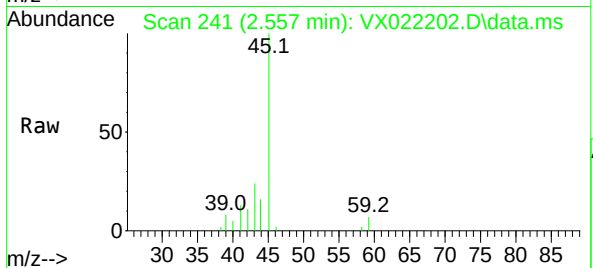
Delta R.T. -0.109 min

Lab File: VX022202.D

Acq: 26 May 2021 17:05

Tgt Ion: 41	Resp: 710
Ion Ratio	Lower Upper
41	100
39	91.3 51.6 77.4#
76	0.0 30.5 45.7#

Instrument :
MSVOA_X
ClientSampleId :
MH-118.5N-20210525



#16

Acetone

Concen: 3.39 ug/l

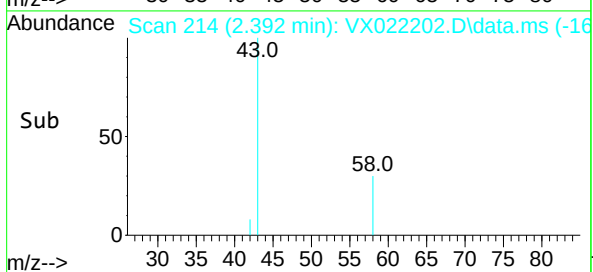
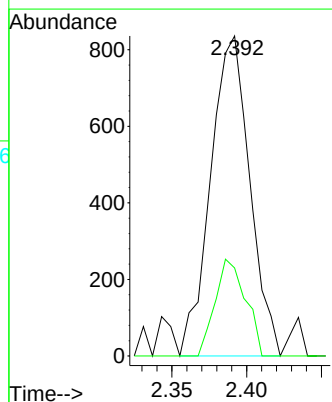
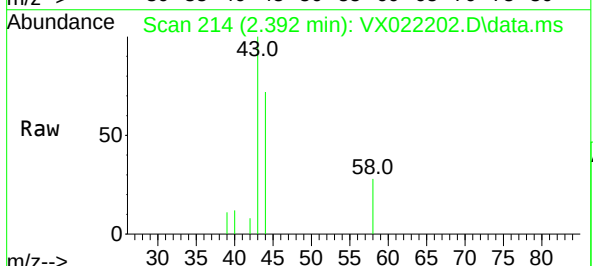
RT: 2.392 min Scan# 214

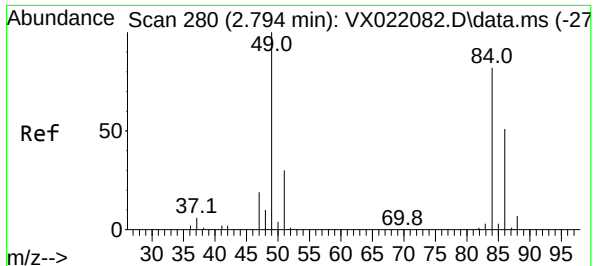
Delta R.T. -0.000 min

Lab File: VX022202.D

Acq: 26 May 2021 17:05

Tgt Ion: 43	Resp: 1527
Ion Ratio	Lower Upper
43	100
58	27.5 27.8 41.8#



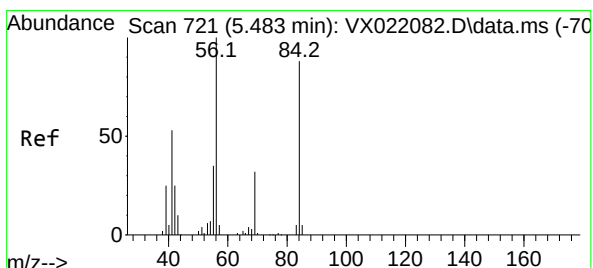
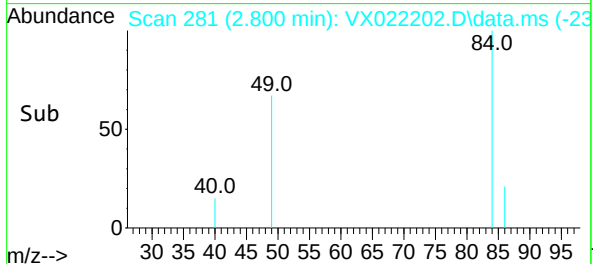
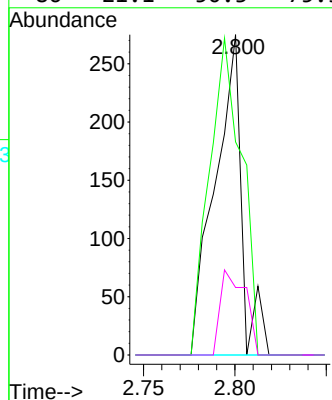
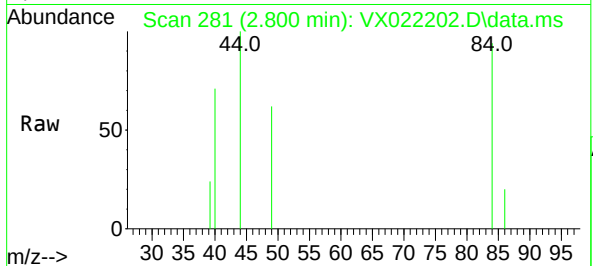


#20
Methylene Chloride
Concen: 0.28 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022202.D
Acq: 26 May 2021 17:05

Instrument :
MSVOA_X
ClientSampleId :
MH-118.5N-20210525

Tgt Ion: 84 Resp: 279

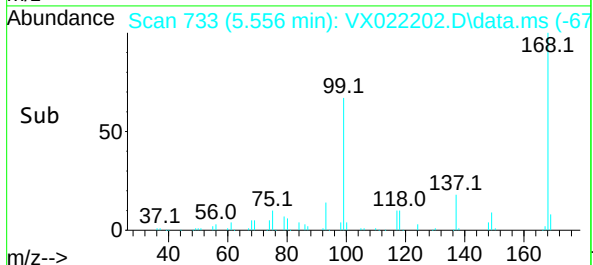
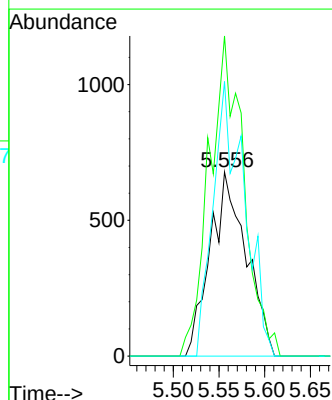
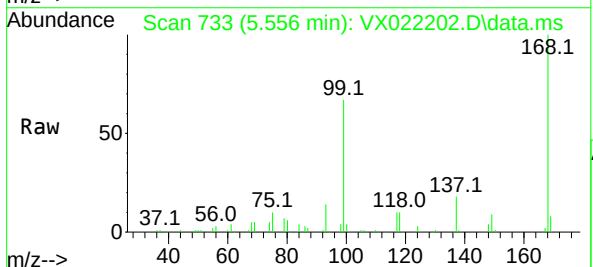
Ion	Ratio	Lower	Upper
84	100		
49	66.5	88.6	132.8#
51	0.0	27.0	40.6#
86	21.1	50.3	75.5#

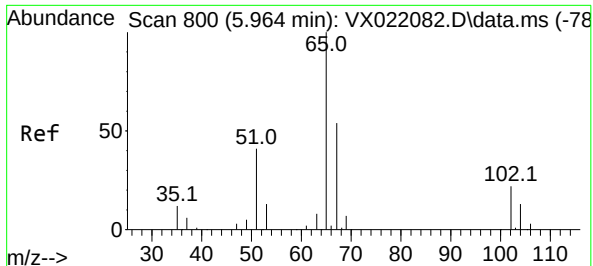


#31
Cyclohexane
Concen: 1.44 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX022202.D
Acq: 26 May 2021 17:05

Tgt Ion: 56 Resp: 1866

Ion	Ratio	Lower	Upper
56	100		
69	173.9	25.3	37.9#
84	149.1	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 52.28 ug/l

RT: 5.971 min Scan# 801

Delta R.T. 0.007 min

Lab File: VX022202.D

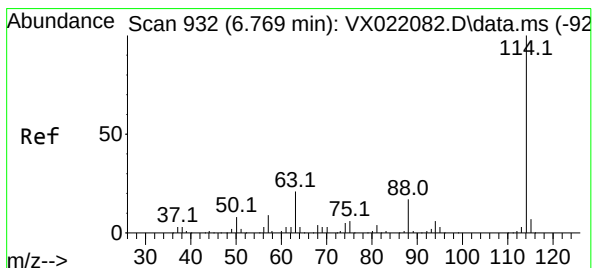
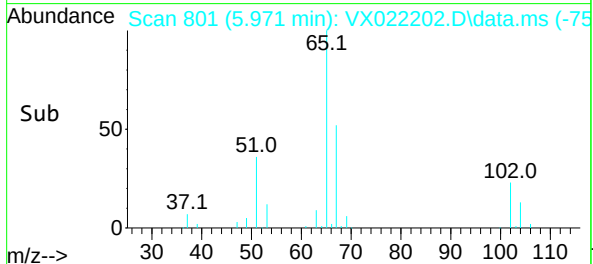
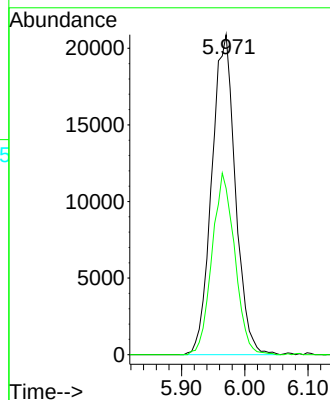
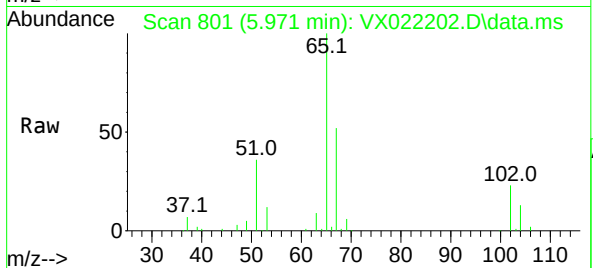
Acq: 26 May 2021 17:05

Tgt Ion: 65 Resp: 54060

Ion Ratio Lower Upper

65 100

67 54.7 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: VX022202.D

Acq: 26 May 2021 17:05

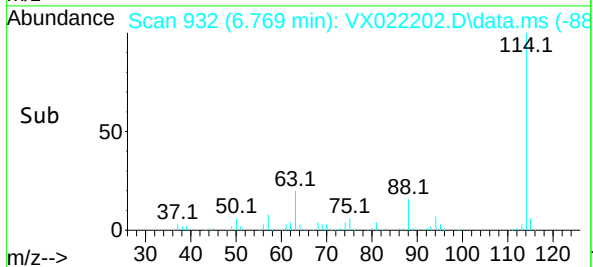
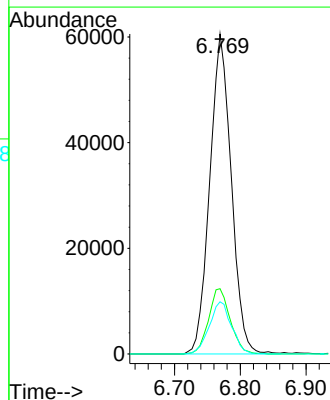
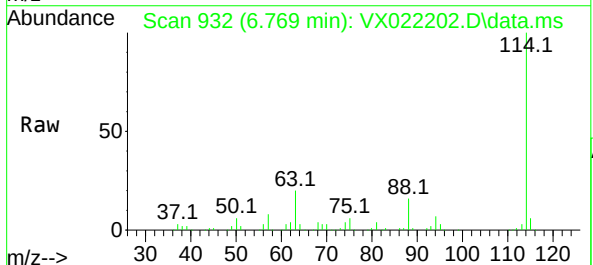
Tgt Ion: 114 Resp: 137777

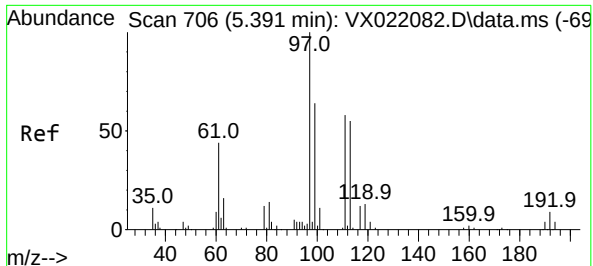
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 16.3 0.0 32.8

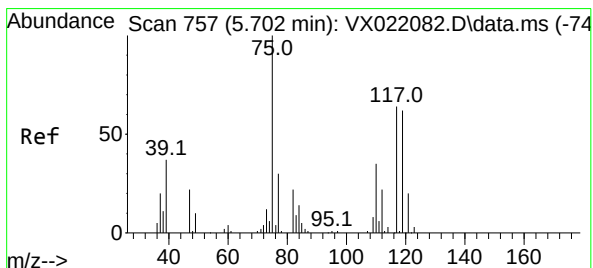
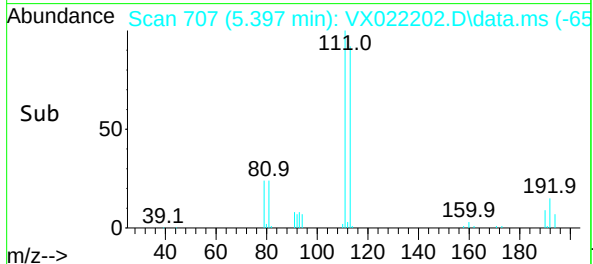
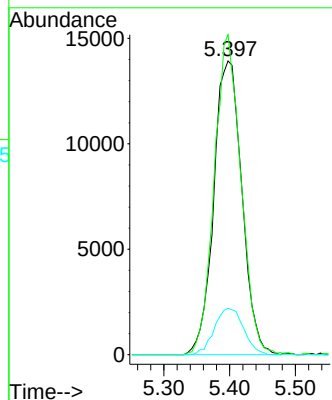
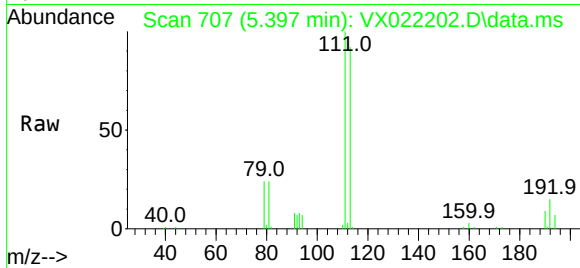




#35
Dibromofluoromethane
Concen: 47.59 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022202.D
Acq: 26 May 2021 17:05

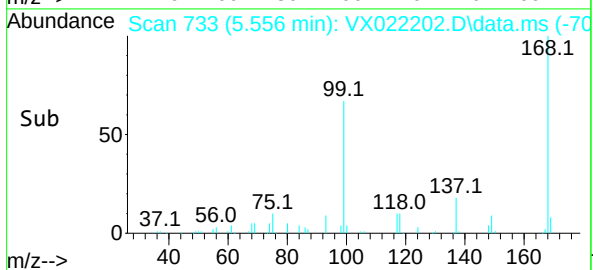
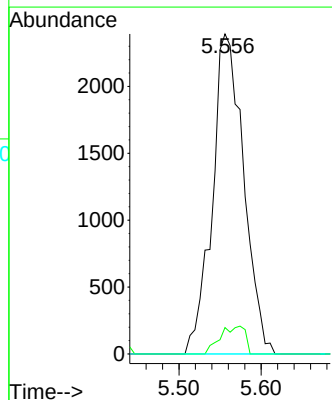
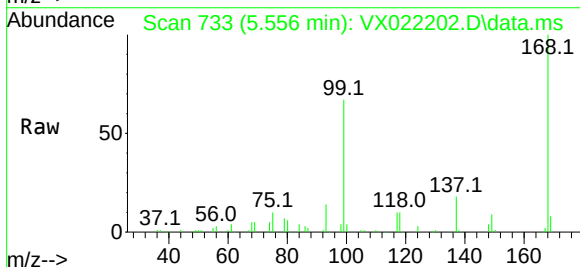
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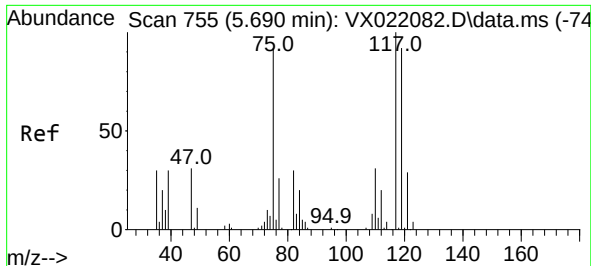
Tgt Ion:113 Resp: 41578
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 16.3 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 4.98 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022202.D
Acq: 26 May 2021 17:05

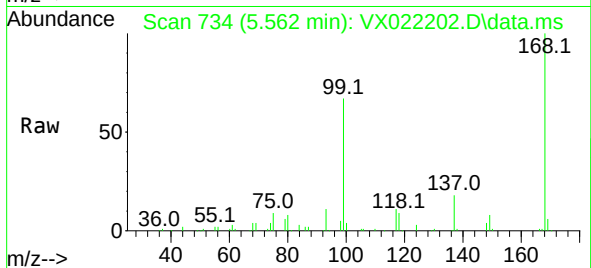
Tgt Ion: 75 Resp: 6340
Ion Ratio Lower Upper
75 100
110 6.9 18.1 54.4#
77 0.0 25.3 37.9#



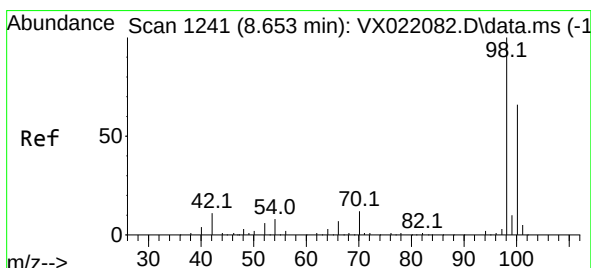
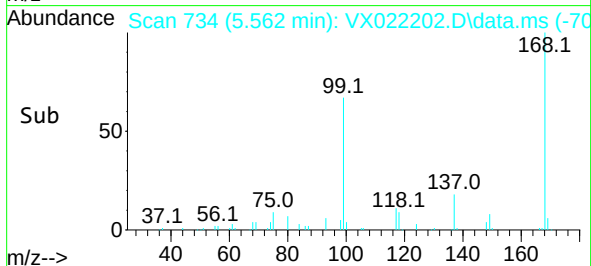
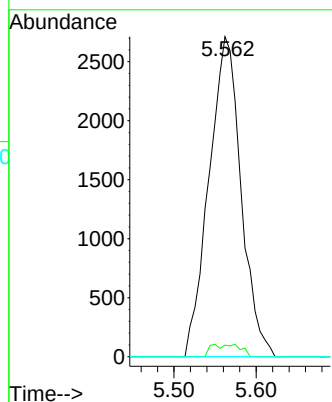


#38
Carbon Tetrachloride
Concen: 5.90 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022202.D
Acq: 26 May 2021 17:05

Instrument :
MSVOA_X
ClientSampleId :
MH-118.5N-20210525

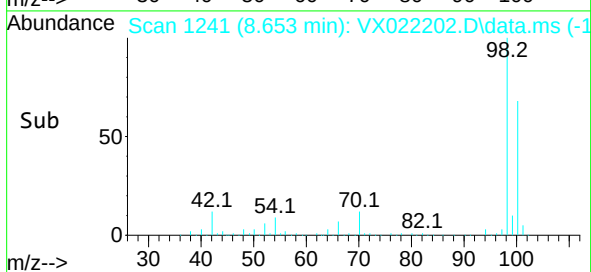
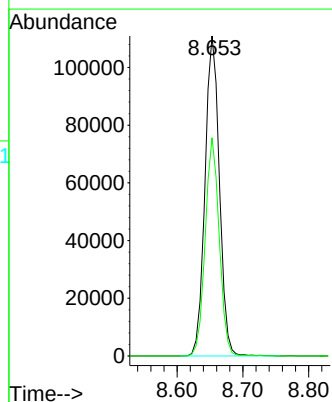
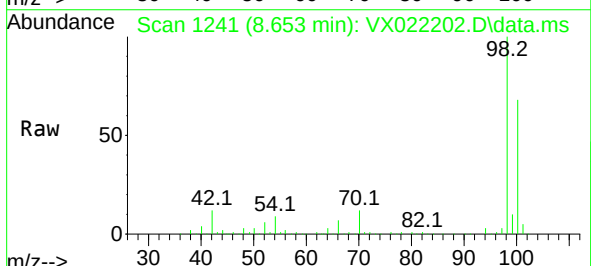


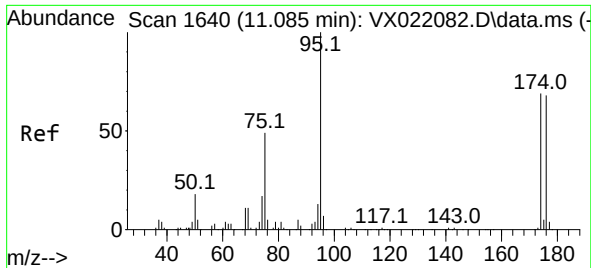
Tgt Ion:117 Resp: 7354
Ion Ratio Lower Upper
117 100
119 3.6 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.21 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022202.D
Acq: 26 May 2021 17:05

Tgt Ion: 98 Resp: 168973
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9

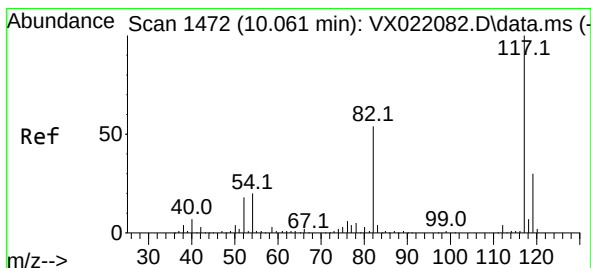
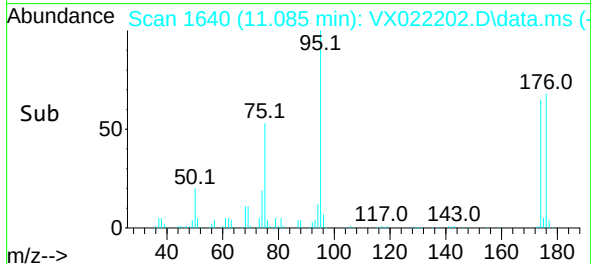
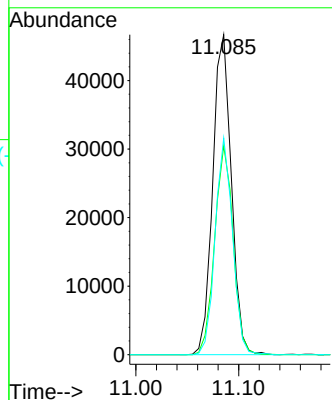
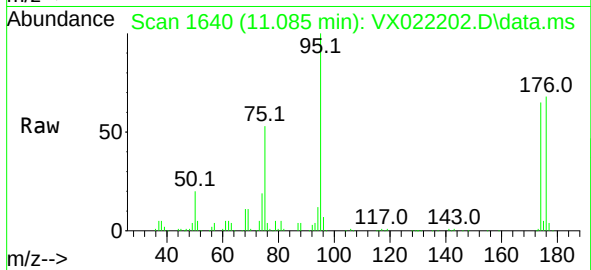




#62
4-Bromofluorobenzene
Concen: 47.01 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022202.D
Acq: 26 May 2021 17:05

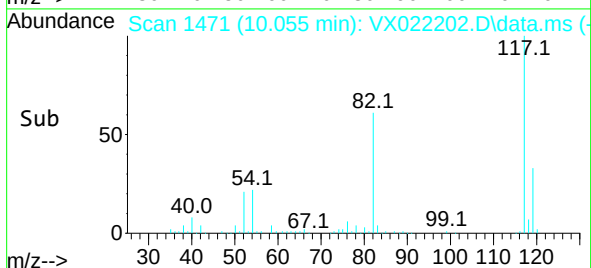
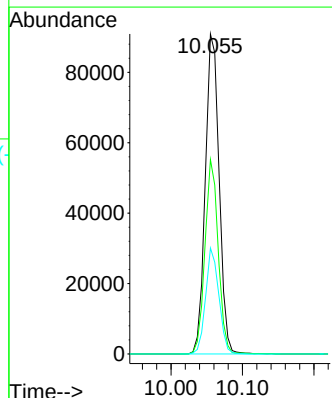
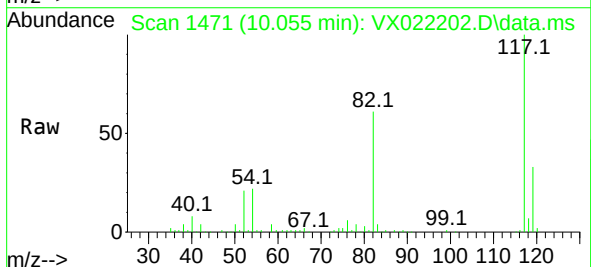
Instrument :
MSVOA_X
ClientSampleId :
MH-118.5N-20210525

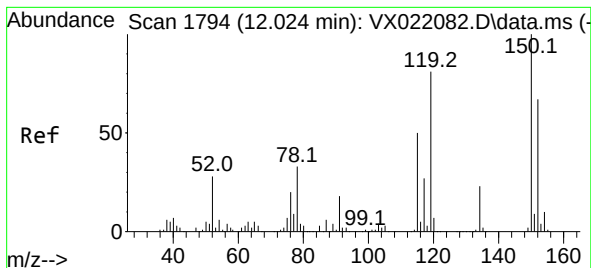
Tgt Ion: 95 Resp: 58475
Ion Ratio Lower Upper
95 100
174 64.9 0.0 154.6
176 63.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022202.D
Acq: 26 May 2021 17:05

Tgt Ion: 117 Resp: 122438
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.2
119 33.1 26.6 39.8

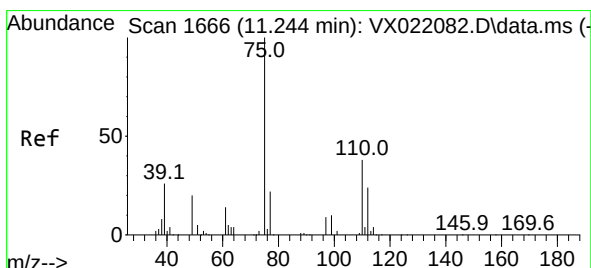
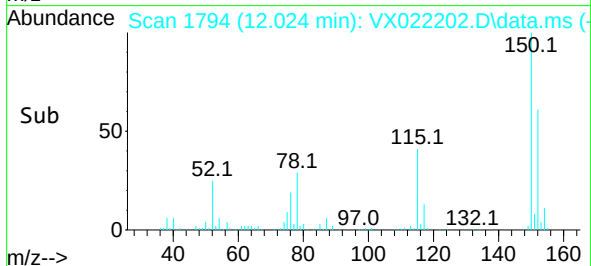
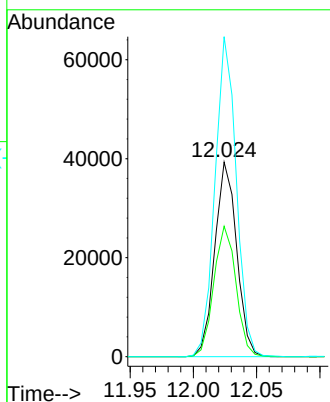
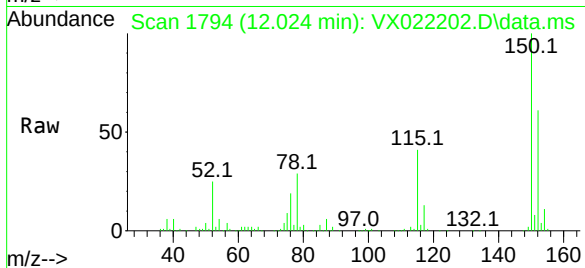




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022202.D
 Acq: 26 May 2021 17:05

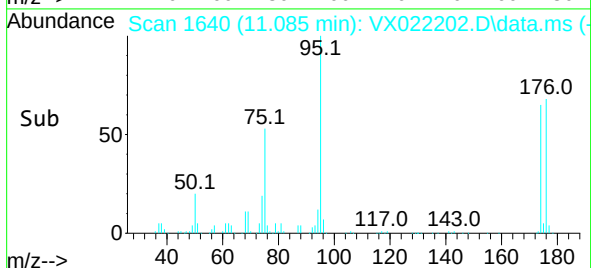
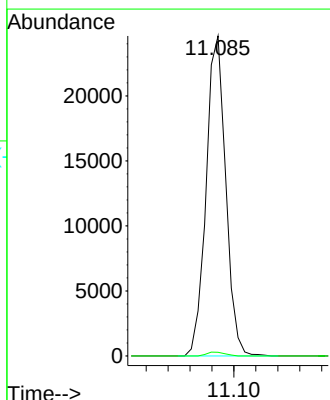
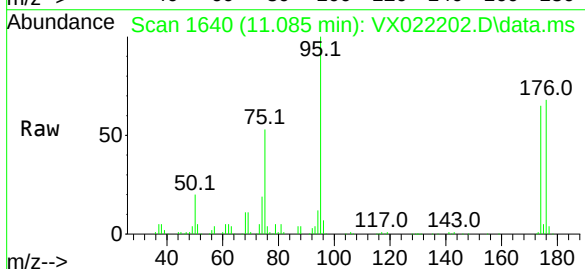
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-118.5N-20210525

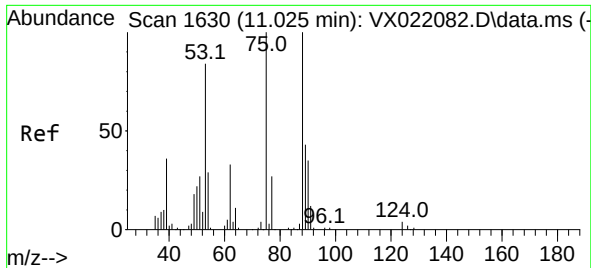
Tgt Ion:152 Resp: 47290
 Ion Ratio Lower Upper
 152 100
 115 67.9 41.1 123.3
 150 159.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.16 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022202.D
 Acq: 26 May 2021 17:05

Tgt Ion: 75 Resp: 30521
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

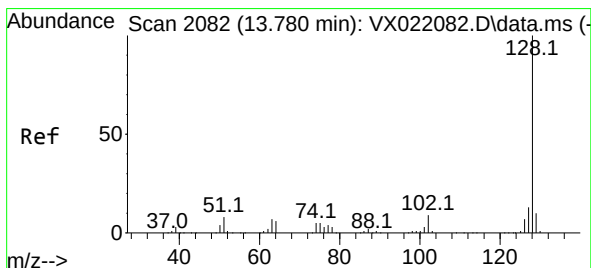
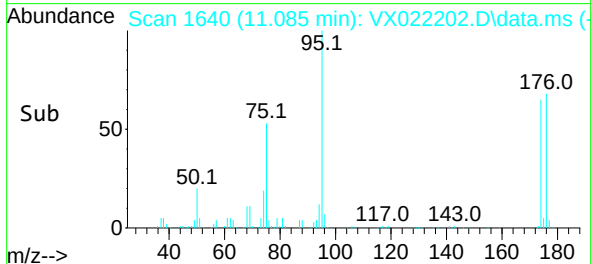
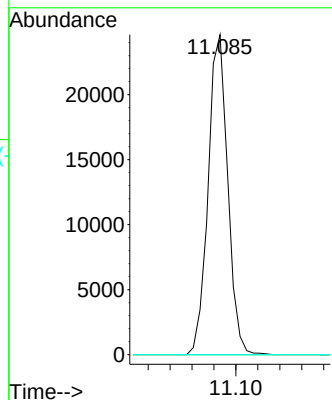
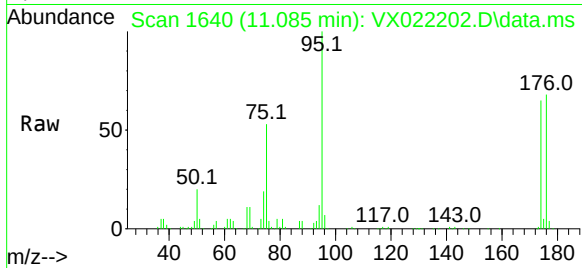




#81
trans-1,4-Dichloro-2-butene
Concen: 61.99 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022202.D
Acq: 26 May 2021 17:05

Instrument :
MSVOA_X
ClientSampleId :
MH-118.5N-20210525

Tgt Ion: 75 Resp: 30521
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 0.39 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022202.D
Acq: 26 May 2021 17:05

Tgt Ion:128 Resp: 1451
Ion Ratio Lower Upper
128 100
127 8.6 10.3 15.5#
129 9.5 8.8 13.2

