

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052921\
 Data File : VX022282.D
 Acq On : 29 May 2021 03:51
 Operator : JC/MD
 Sample : M2532-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-N-(MH-10.29)

Quant Time: May 29 05:00:55 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)

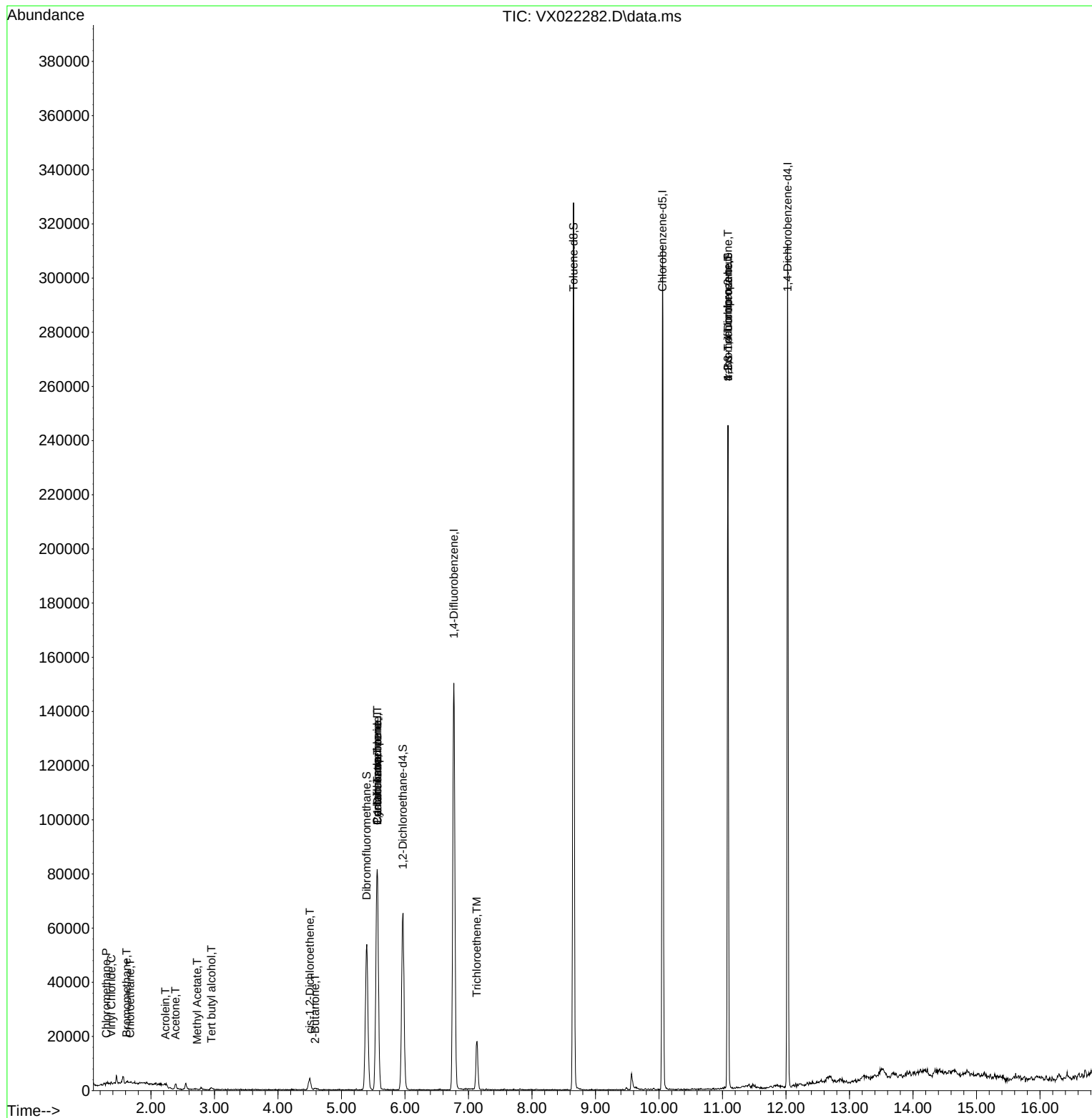
Internal Standards						
1) Pentafluorobenzene	5.562	168	71856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	153137	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55997	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.965	65	62166	56.08	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	= 112.16%		
35) Dibromofluoromethane	5.398	113	45436	46.79	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	= 93.58%		
50) Toluene-d8	8.653	98	187859	50.22	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	= 100.44%		
62) 4-Bromofluorobenzene	11.086	95	66953	48.42	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	= 96.84%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	451	0.48	ug/l #	87
4) Vinyl Chloride	1.374	62	423	0.42	ug/l #	71
5) Bromomethane	1.618	94	262	0.45	ug/l #	56
6) Chloroethane	1.673	64	130	0.22	ug/l #	57
11) Tert butyl alcohol	2.953	59	526	2.07	ug/l #	73
13) Acrolein	2.227	56	159	0.95	ug/l #	72
16) Acetone	2.386	43	2379	4.93	ug/l	96
18) Methyl Acetate	2.727	43	538	0.42	ug/l #	47
25) 2-Butanone	4.587	43	372	0.48	ug/l #	45
27) cis-1,2-Dichloroethene	4.501	96	2727	2.50	ug/l	91
31) Cyclohexane	5.562	56	1953	1.40	ug/l #	6
36) 1,1-Dichloropropene	5.562	75	6883	4.86	ug/l #	48
38) Carbon Tetrachloride	5.562	117	7733	5.58	ug/l #	17
44) Trichloroethene	7.129	130	6279	5.80	ug/l	97
76) 1,2,3-Trichloropropane	11.086	75	34594	25.04	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.086	75	34594	59.33	ug/l #	12

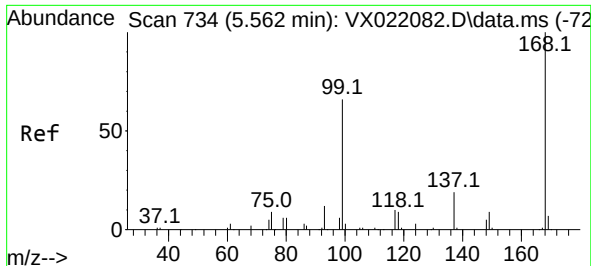
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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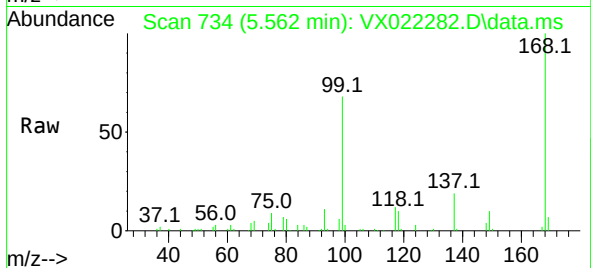
Quant Time: May 29 05:00:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
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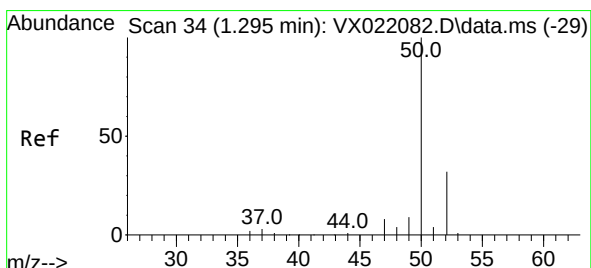
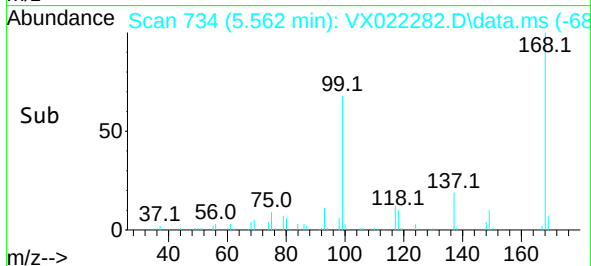
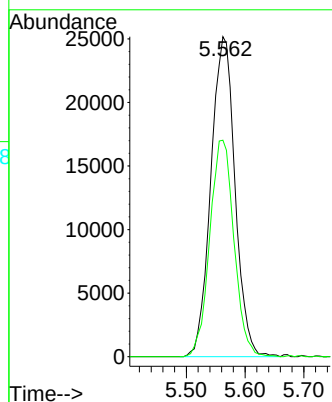


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022282.D
Acq: 29 May 2021 03:51

Instrument :
MSVOA_X
ClientSampleId :
MH-N-(MH-10.29)

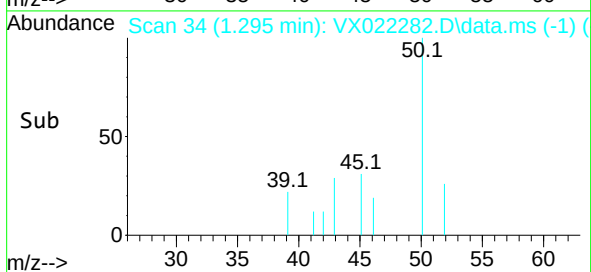
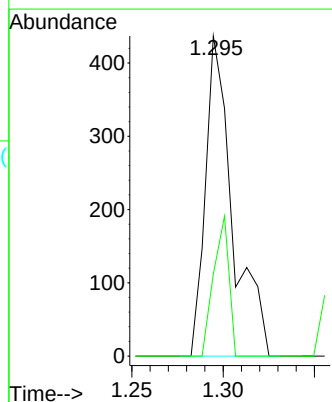
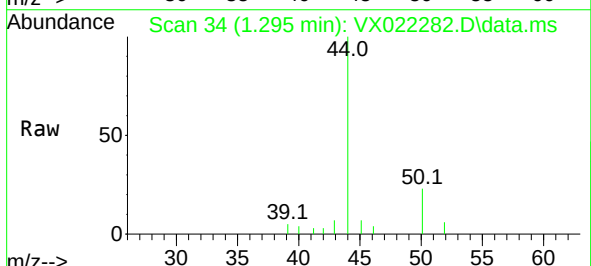


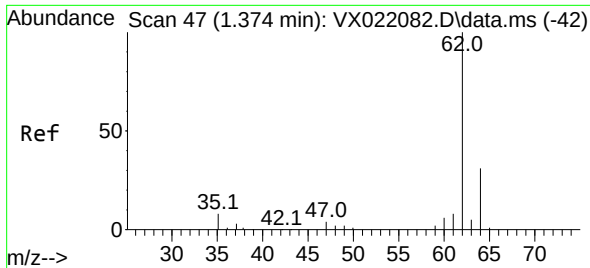
Tgt Ion:168 Resp: 71856
Ion Ratio Lower Upper
168 100
99 67.7 45.8 68.6



#3
Chloromethane
Concen: 0.48 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX022282.D
Acq: 29 May 2021 03:51

Tgt Ion: 50 Resp: 451
Ion Ratio Lower Upper
50 100
52 25.6 26.4 39.6#

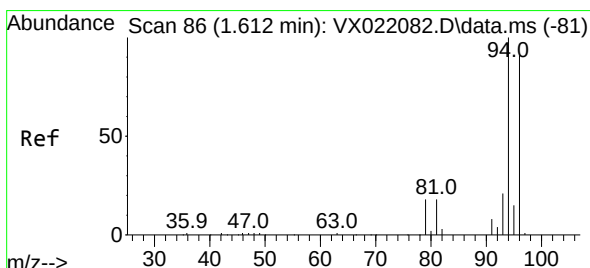
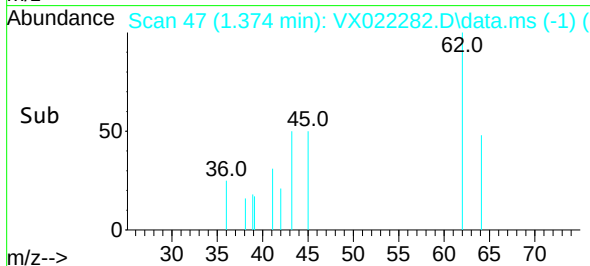
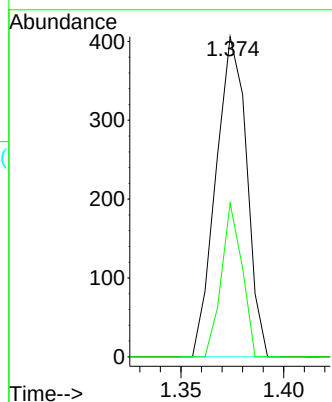
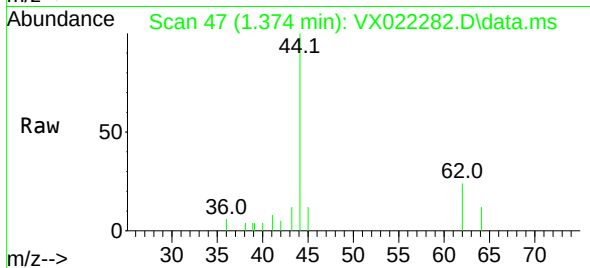




#4
 Vinyl Chloride
 Concen: 0.42 ug/l
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX022282.D
 Acq: 29 May 2021 03:51

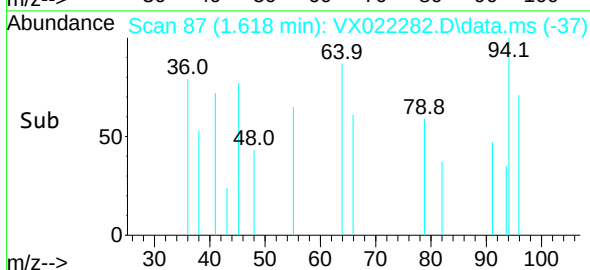
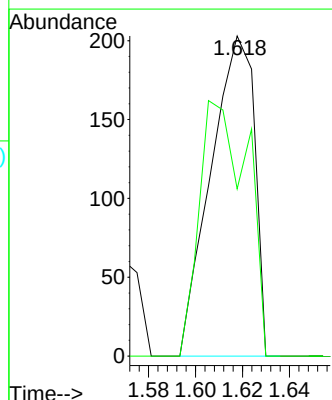
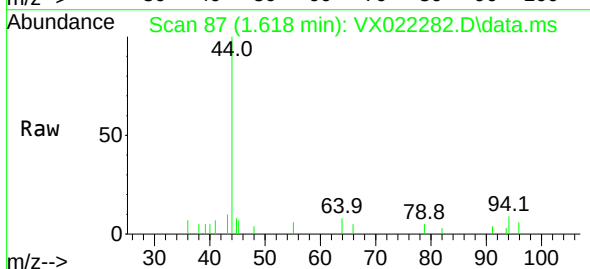
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-N-(MH-10.29)

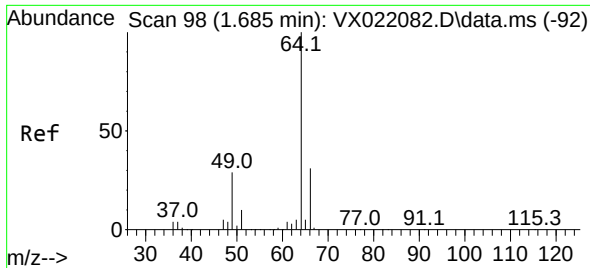
Tgt Ion: 62 Resp: 423
 Ion Ratio Lower Upper
 62 100
 64 48.0 25.7 38.5#



#5
 Bromomethane
 Concen: 0.45 ug/l
 RT: 1.618 min Scan# 87
 Delta R.T. 0.006 min
 Lab File: VX022282.D
 Acq: 29 May 2021 03:51

Tgt Ion: 94 Resp: 262
 Ion Ratio Lower Upper
 94 100
 96 52.2 76.4 114.6#

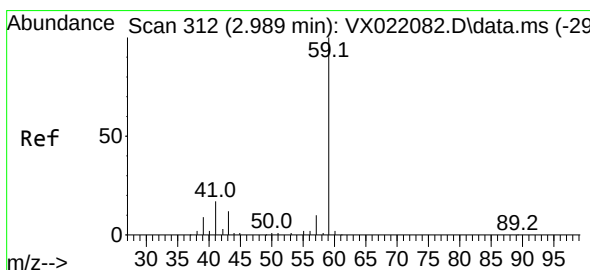
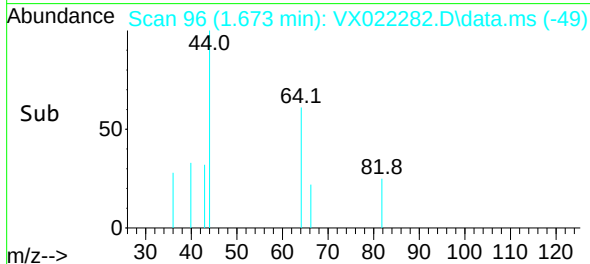
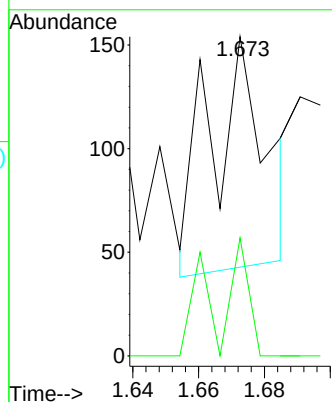
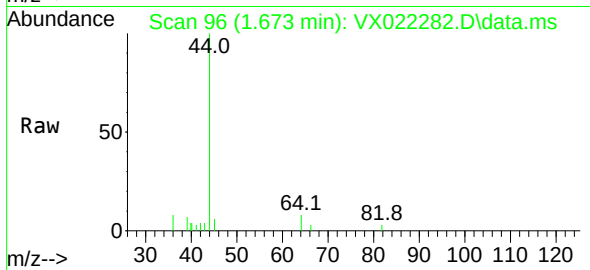




#6
Chloroethane
Concen: 0.22 ug/l
RT: 1.673 min Scan# 96
Delta R.T. -0.012 min
Lab File: VX022282.D
Acq: 29 May 2021 03:51

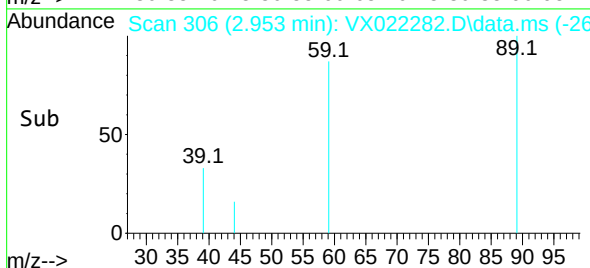
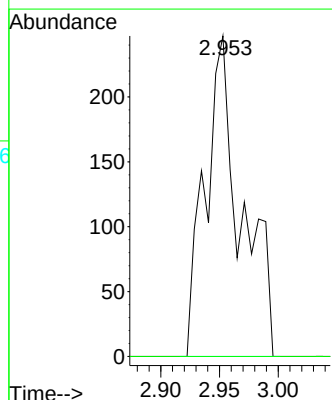
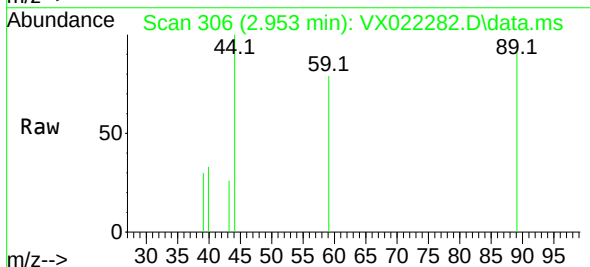
Instrument :
MSVOA_X
ClientSampleId :
MH-N-(MH-10.29)

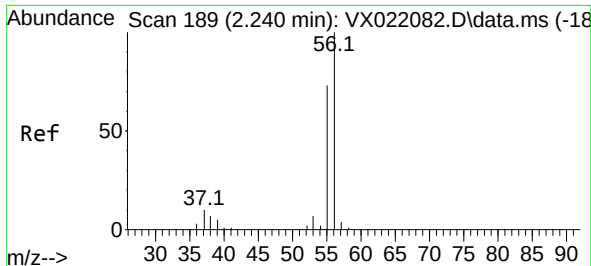
Tgt Ion: 64 Resp: 130
Ion Ratio Lower Upper
64 100
66 55.3 25.4 38.0#



#11
Tert butyl alcohol
Concen: 2.07 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022282.D
Acq: 29 May 2021 03:51

Tgt Ion: 59 Resp: 526
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

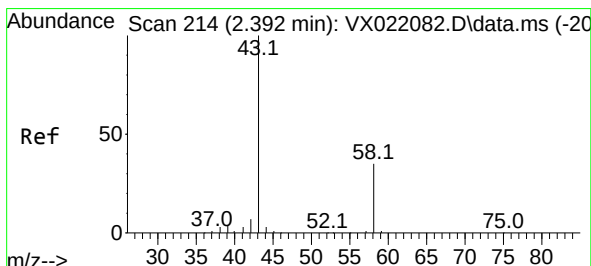
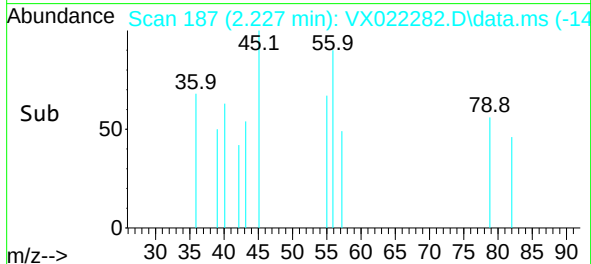
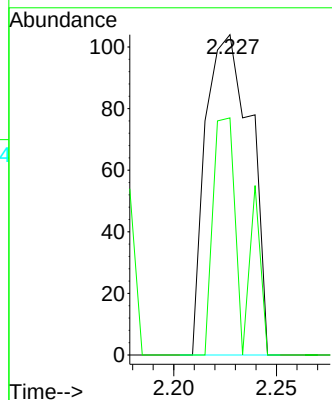
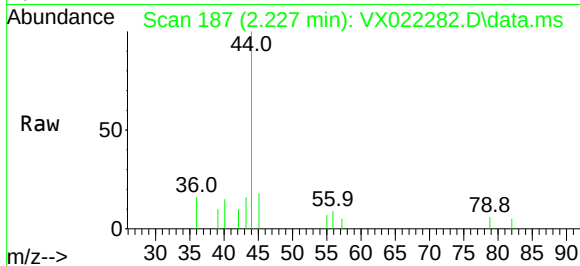




#13
Acrolein
Concen: 0.95 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.013 min
Lab File: VX022282.D
Acq: 29 May 2021 03:51

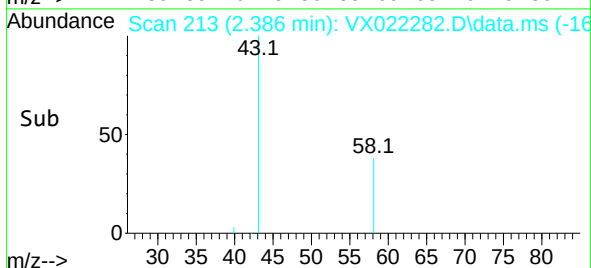
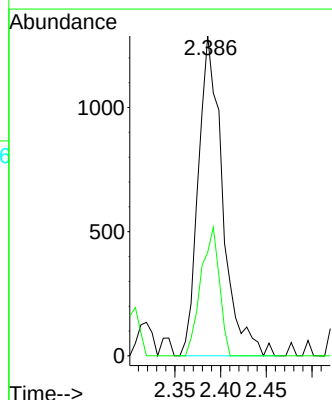
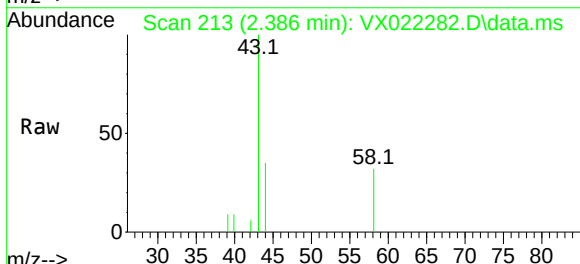
Instrument :
MSVOA_X
ClientSampleId :
MH-N-(MH-10.29)

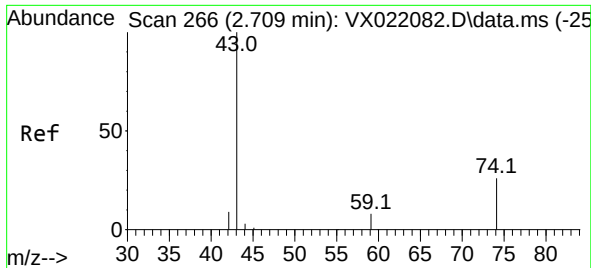
Tgt Ion: 56 Resp: 159
Ion Ratio Lower Upper
56 100
55 47.8 56.4 84.6#



#16
Acetone
Concen: 4.93 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022282.D
Acq: 29 May 2021 03:51

Tgt Ion: 43 Resp: 2379
Ion Ratio Lower Upper
43 100
58 32.4 27.8 41.8

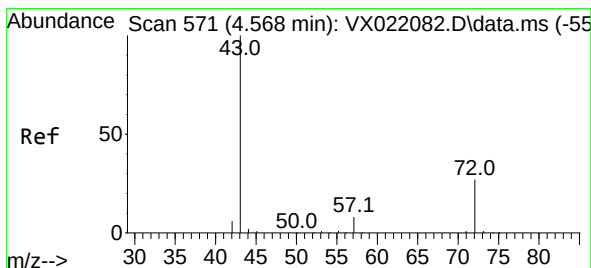
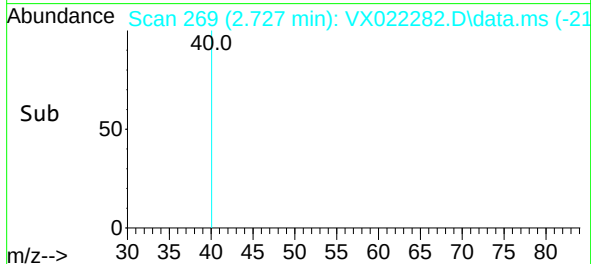
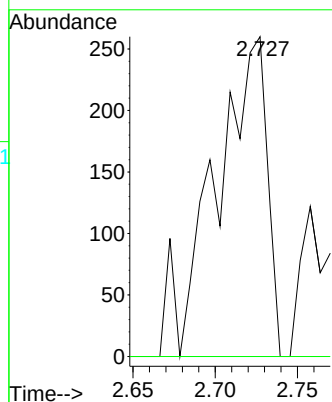
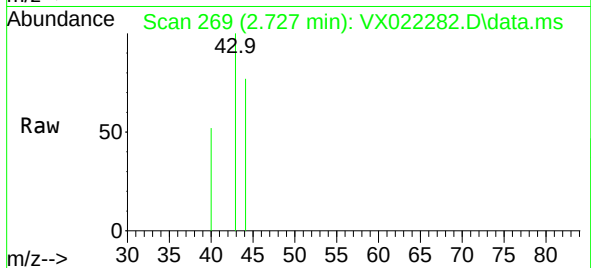




#18
Methyl Acetate
Concen: 0.42 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.018 min
Lab File: VX022282.D
Acq: 29 May 2021 03:51

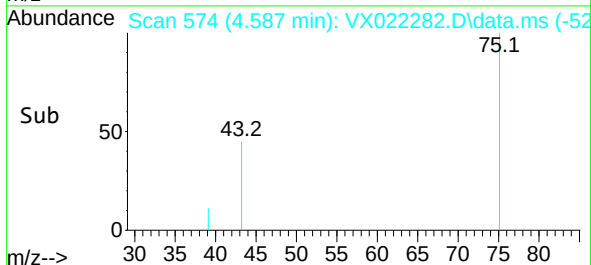
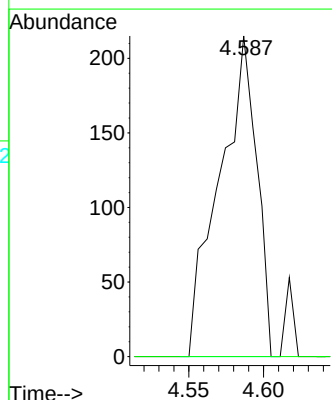
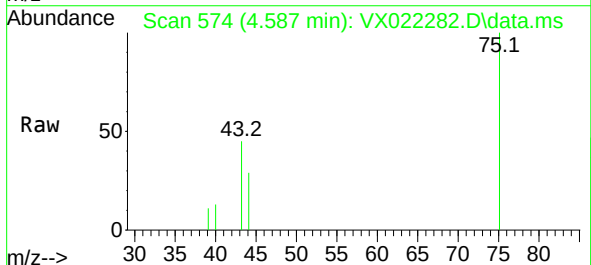
Instrument :
MSVOA_X
ClientSampleId :
MH-N-(MH-10.29)

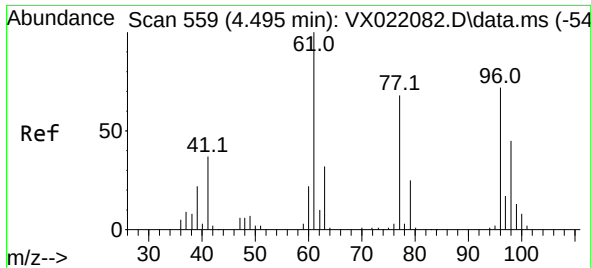
Tgt Ion: 43 Resp: 538
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#25
2-Butanone
Concen: 0.48 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.019 min
Lab File: VX022282.D
Acq: 29 May 2021 03:51

Tgt Ion: 43 Resp: 372
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#





#27

cis-1,2-Dichloroethene

Concen: 2.50 ug/l

RT: 4.501 min Scan# 560

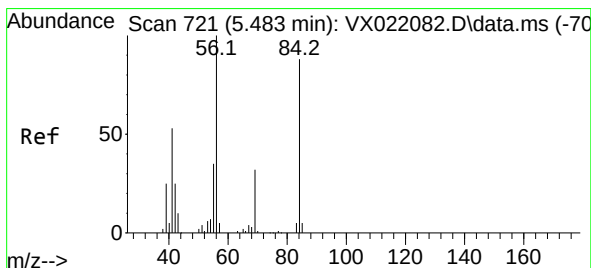
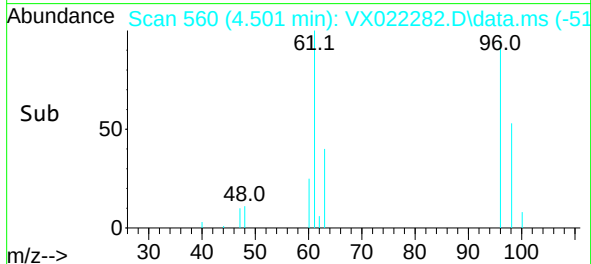
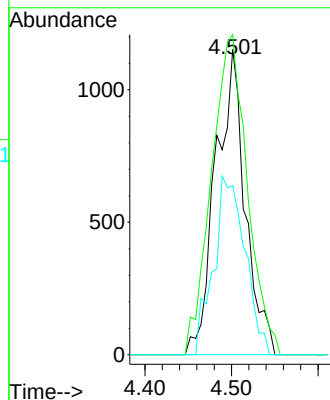
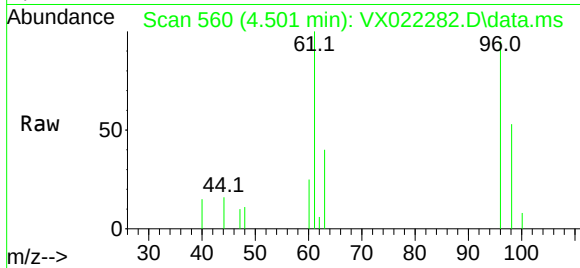
Delta R.T. 0.006 min

Lab File: VX022282.D

Acq: 29 May 2021 03:51

Tgt Ion: 96 Resp: 2727

Ion	Ratio	Lower	Upper
96	100		
61	127.8	0.0	285.6
98	62.3	0.0	129.6



#31

Cyclohexane

Concen: 1.40 ug/l

RT: 5.562 min Scan# 734

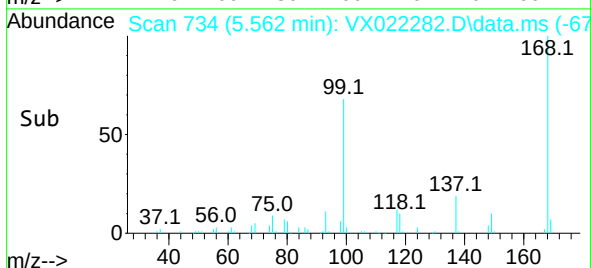
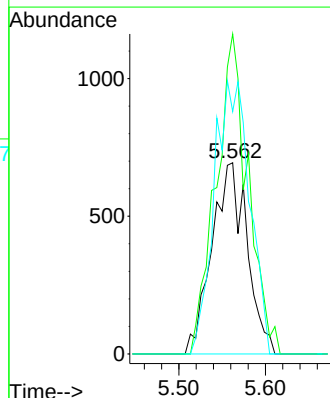
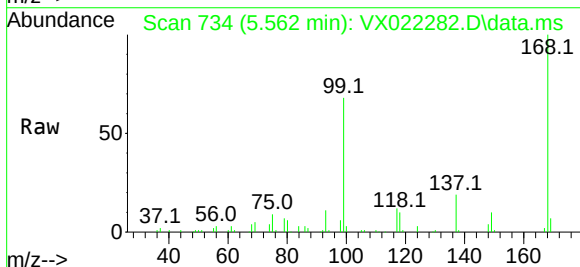
Delta R.T. 0.079 min

Lab File: VX022282.D

Acq: 29 May 2021 03:51

Tgt Ion: 56 Resp: 1953

Ion	Ratio	Lower	Upper
56	100		
69	167.4	25.3	37.9#
84	126.8	71.4	107.0#

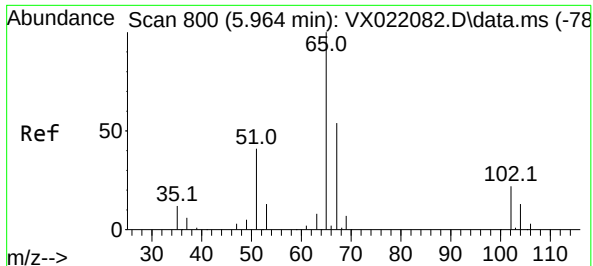


Instrument :

MSVOA_X

ClientSampleId :

MH-N-(MH-10.29)



#33

1,2-Dichloroethane-d4

Concen: 56.08 ug/l

RT: 5.965 min Scan# 800

Delta R.T. 0.000 min

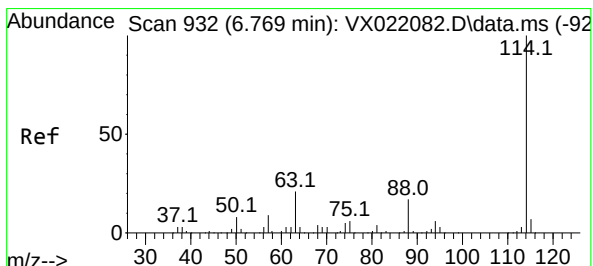
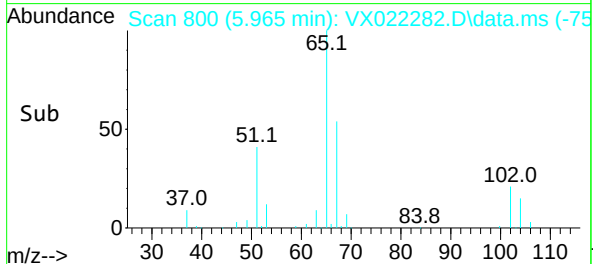
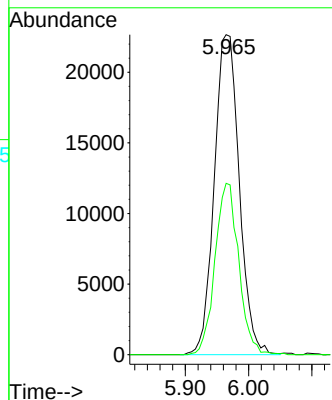
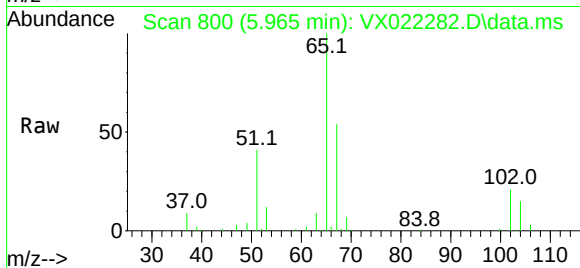
Lab File: VX022282.D

Acq: 29 May 2021 03:51

Tgt Ion: 65 Resp: 62166

Ion Ratio Lower Upper

65	100		
67	50.8	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

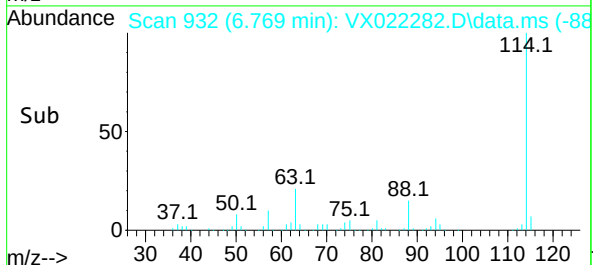
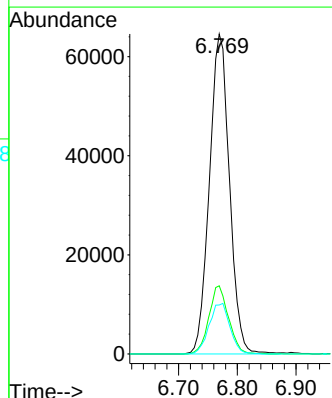
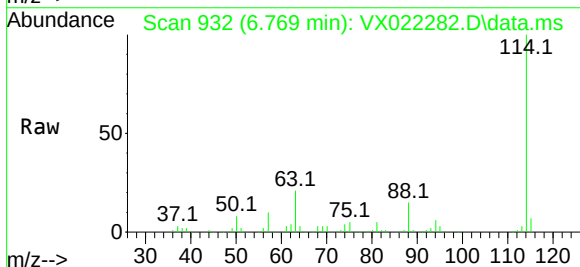
Lab File: VX022282.D

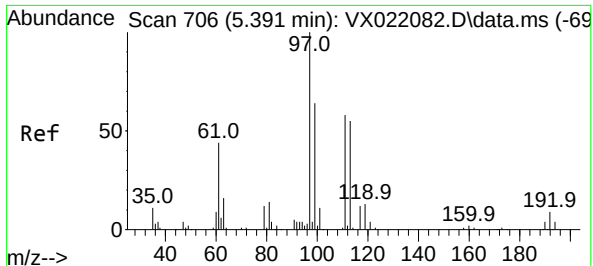
Acq: 29 May 2021 03:51

Tgt Ion: 114 Resp: 153137

Ion Ratio Lower Upper

114	100		
63	21.3	0.0	40.8
88	15.3	0.0	32.8

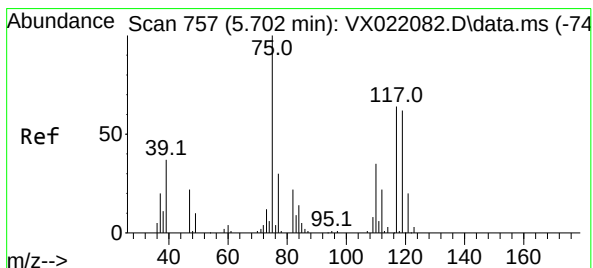
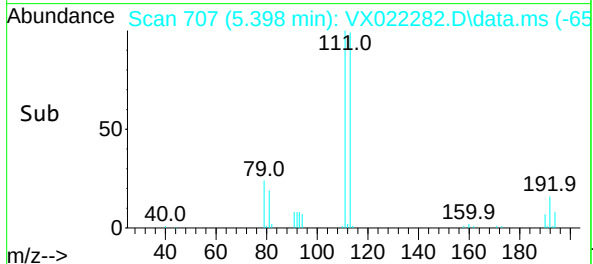
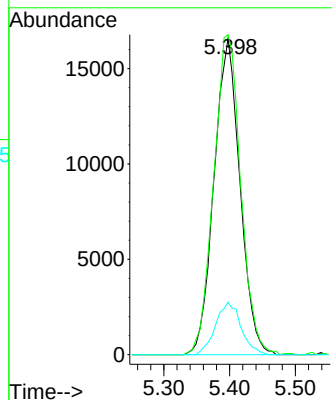
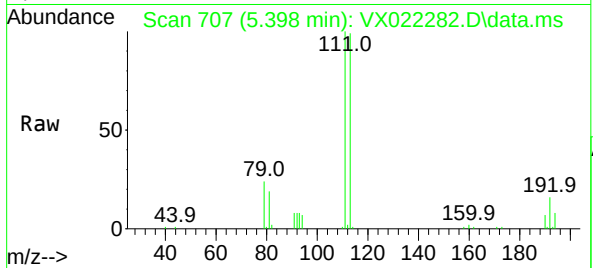




#35
Dibromofluoromethane
Concen: 46.79 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.007 min
Lab File: VX022282.D
Acq: 29 May 2021 03:51

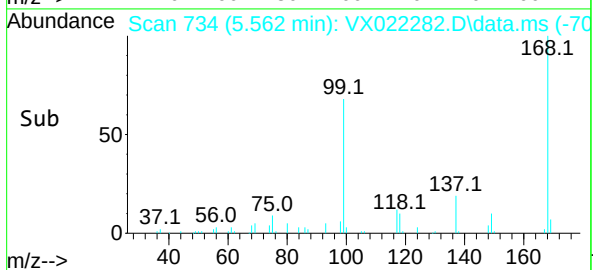
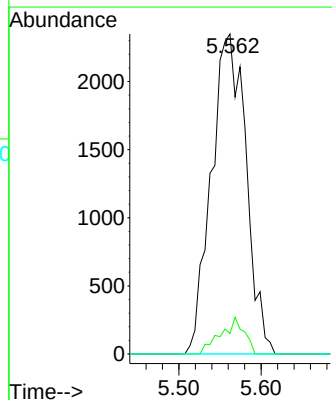
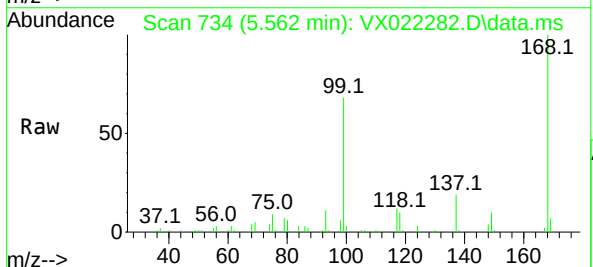
Instrument :
MSVOA_X
ClientSampleId :
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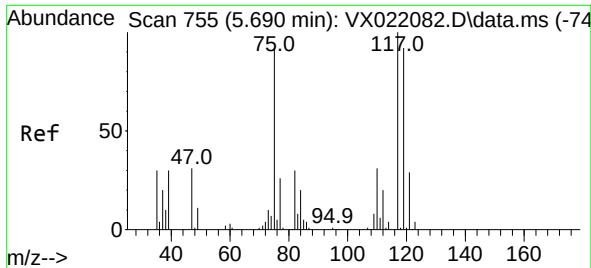
Tgt Ion:113 Resp: 45436
Ion Ratio Lower Upper
113 100
111 105.8 81.9 122.9
192 16.3 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 4.86 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022282.D
Acq: 29 May 2021 03:51

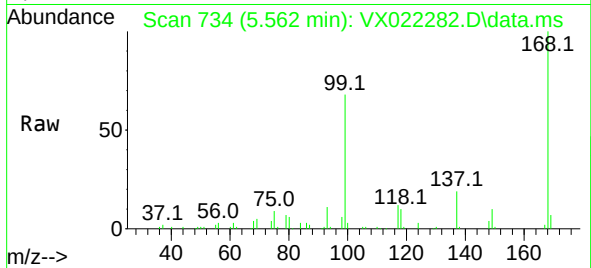
Tgt Ion: 75 Resp: 6883
Ion Ratio Lower Upper
75 100
110 7.7 18.1 54.4#
77 0.0 25.3 37.9#



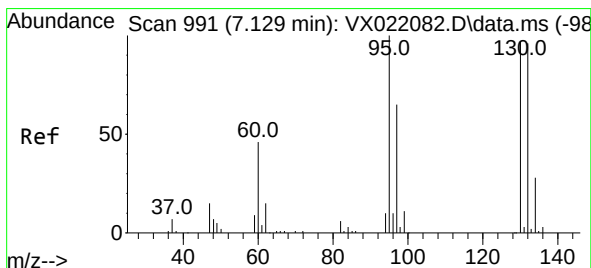
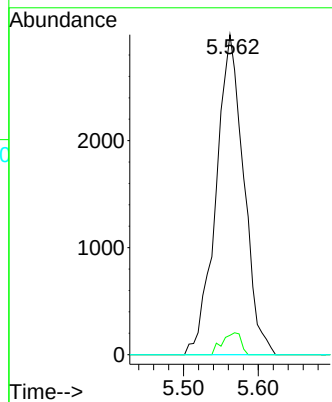
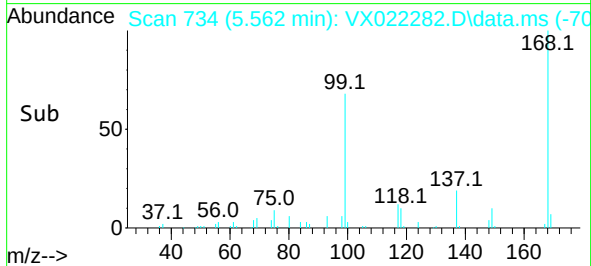


#38
Carbon Tetrachloride
Concen: 5.58 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022282.D
Acq: 29 May 2021 03:51

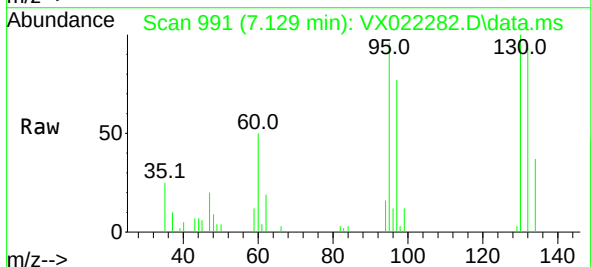
Instrument :
MSVOA_X
ClientSampleId :
MH-N-(MH-10.29)



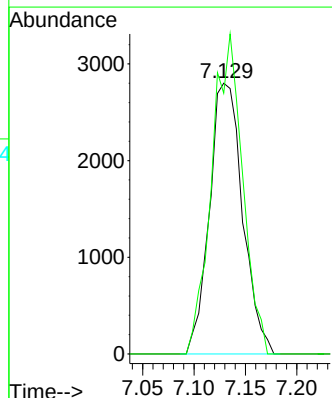
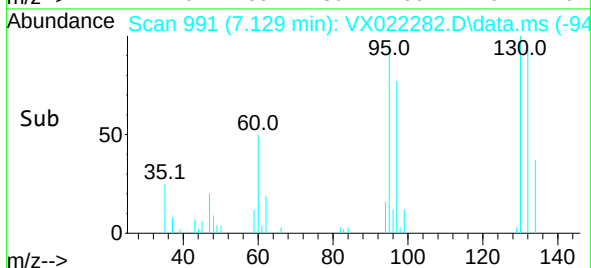
Tgt Ion:117 Resp: 7733
Ion Ratio Lower Upper
117 100
119 6.1 76.2 114.2#
121 0.0 24.8 37.2#

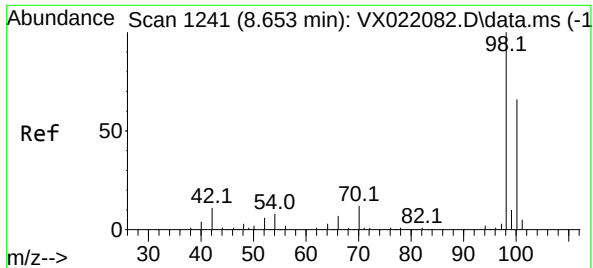


#44
Trichloroethene
Concen: 5.80 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022282.D
Acq: 29 May 2021 03:51



Tgt Ion:130 Resp: 6279
Ion Ratio Lower Upper
130 100
95 96.3 0.0 198.0

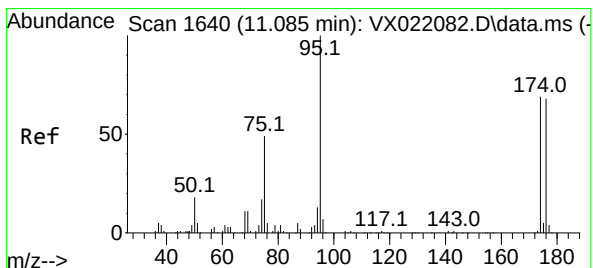
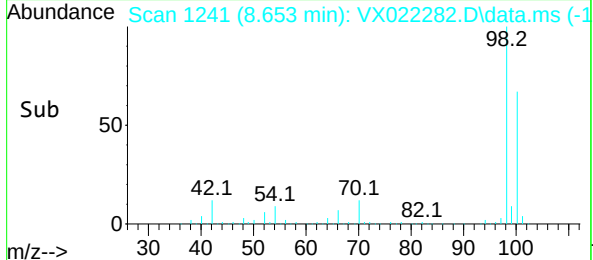
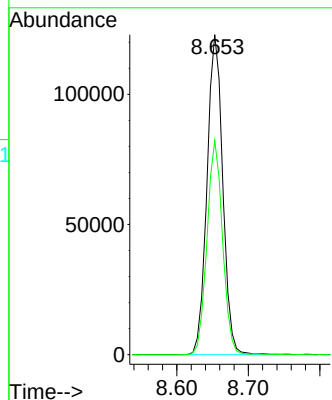
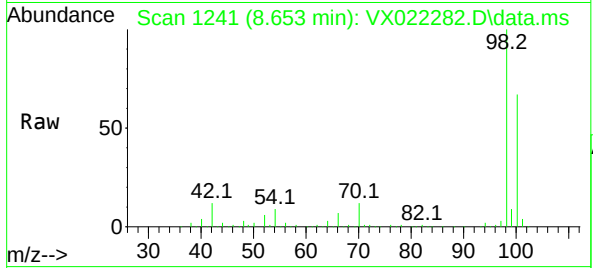




#50
Toluene-d8
Concen: 50.22 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX022282.D
Acq: 29 May 2021 03:51

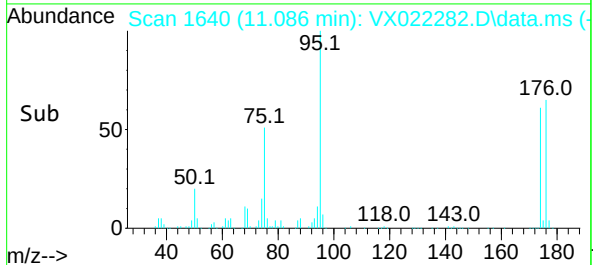
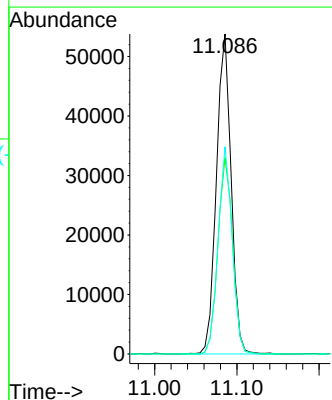
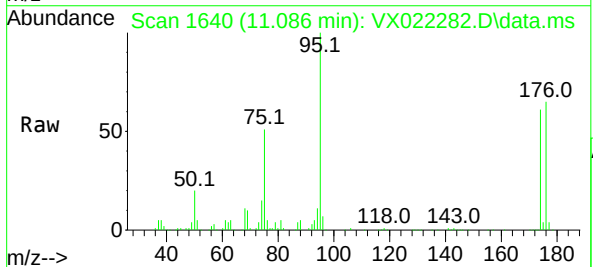
Instrument :
MSVOA_X
ClientSampleId :
MH-N-(MH-10.29)

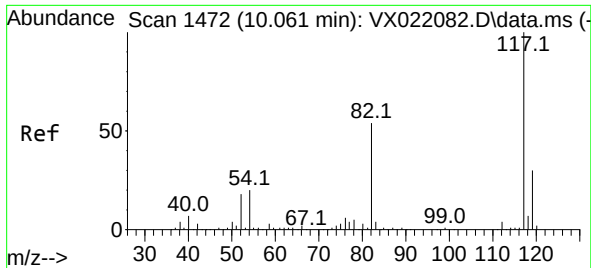
Tgt Ion: 98 Resp: 187859
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 48.42 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.001 min
Lab File: VX022282.D
Acq: 29 May 2021 03:51

Tgt Ion: 95 Resp: 66953
Ion Ratio Lower Upper
95 100
174 61.3 0.0 154.6
176 61.7 0.0 155.8

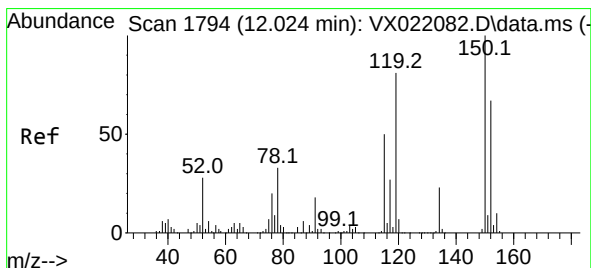
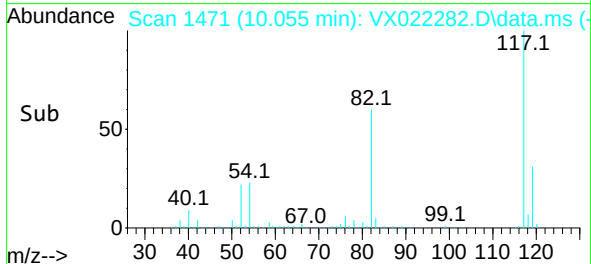
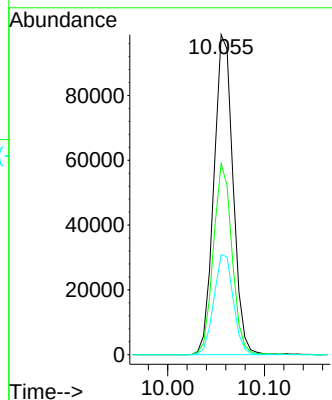
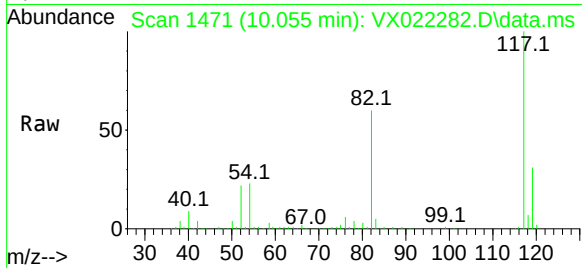




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022282.D
Acq: 29 May 2021 03:51

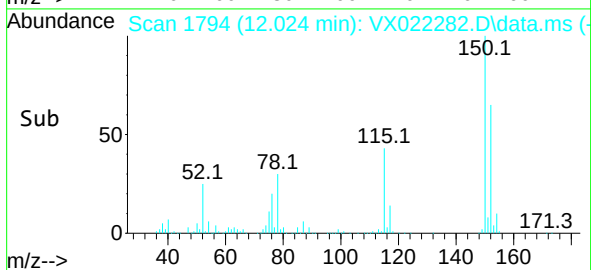
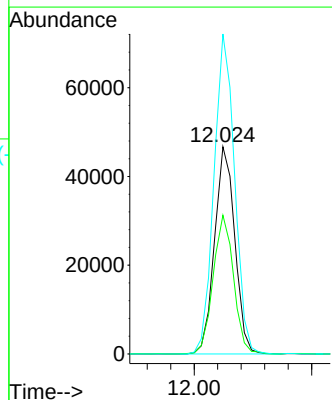
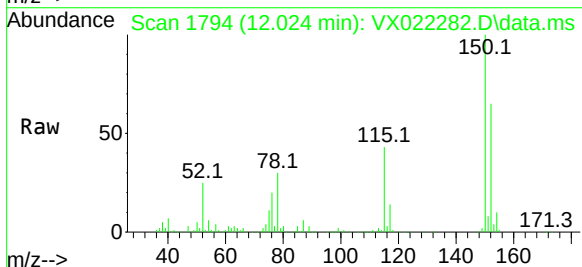
Instrument :
MSVOA_X
ClientSampleId :
MH-N-(MH-10.29)

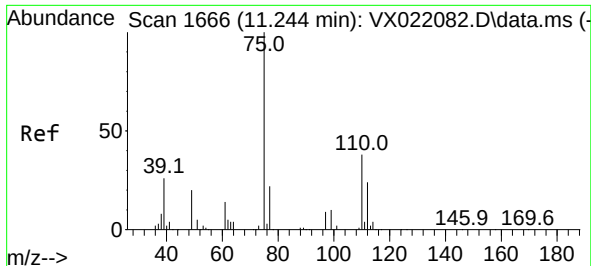
Tgt Ion:117 Resp: 135487
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 31.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022282.D
Acq: 29 May 2021 03:51

Tgt Ion:152 Resp: 55997
Ion Ratio Lower Upper
152 100
115 67.6 41.1 123.3
150 157.0 0.0 349.0

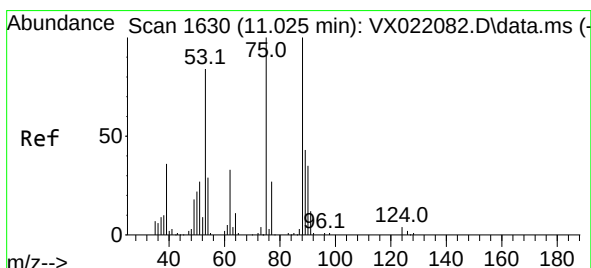
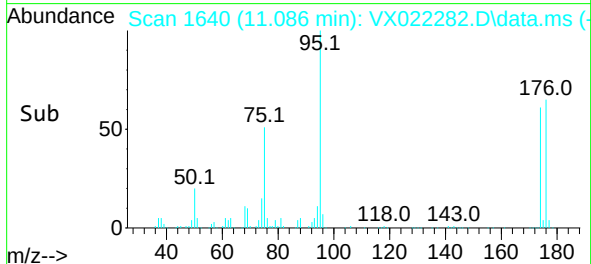
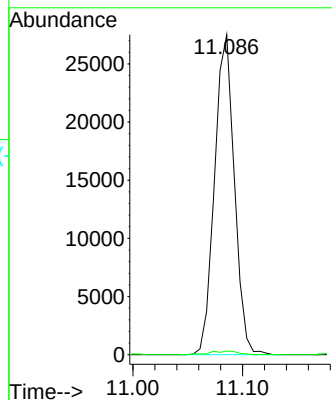
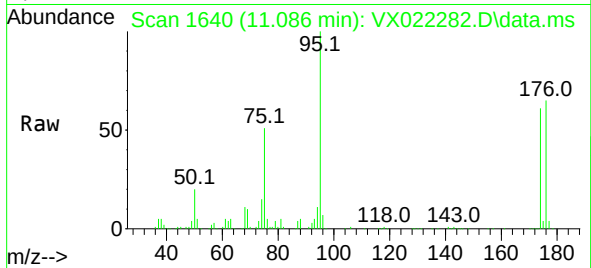




#76
1,2,3-Trichloropropane
Concen: 25.04 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX022282.D
Acq: 29 May 2021 03:51

Instrument :
MSVOA_X
ClientSampleId :
MH-N-(MH-10.29)

Tgt Ion: 75 Resp: 34594
Ion Ratio Lower Upper
75 100
77 1.6 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.33 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022282.D
Acq: 29 May 2021 03:51

Tgt Ion: 75 Resp: 34594
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

