

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021203.D
 Acq On : 15 Mar 2021 16:36
 Operator : JC/MD
 Sample : M1596-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-318.9-20210305

Quant Time: Mar 16 03:03:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 15 11:55:59 2021
 Response via : Initial Calibration

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

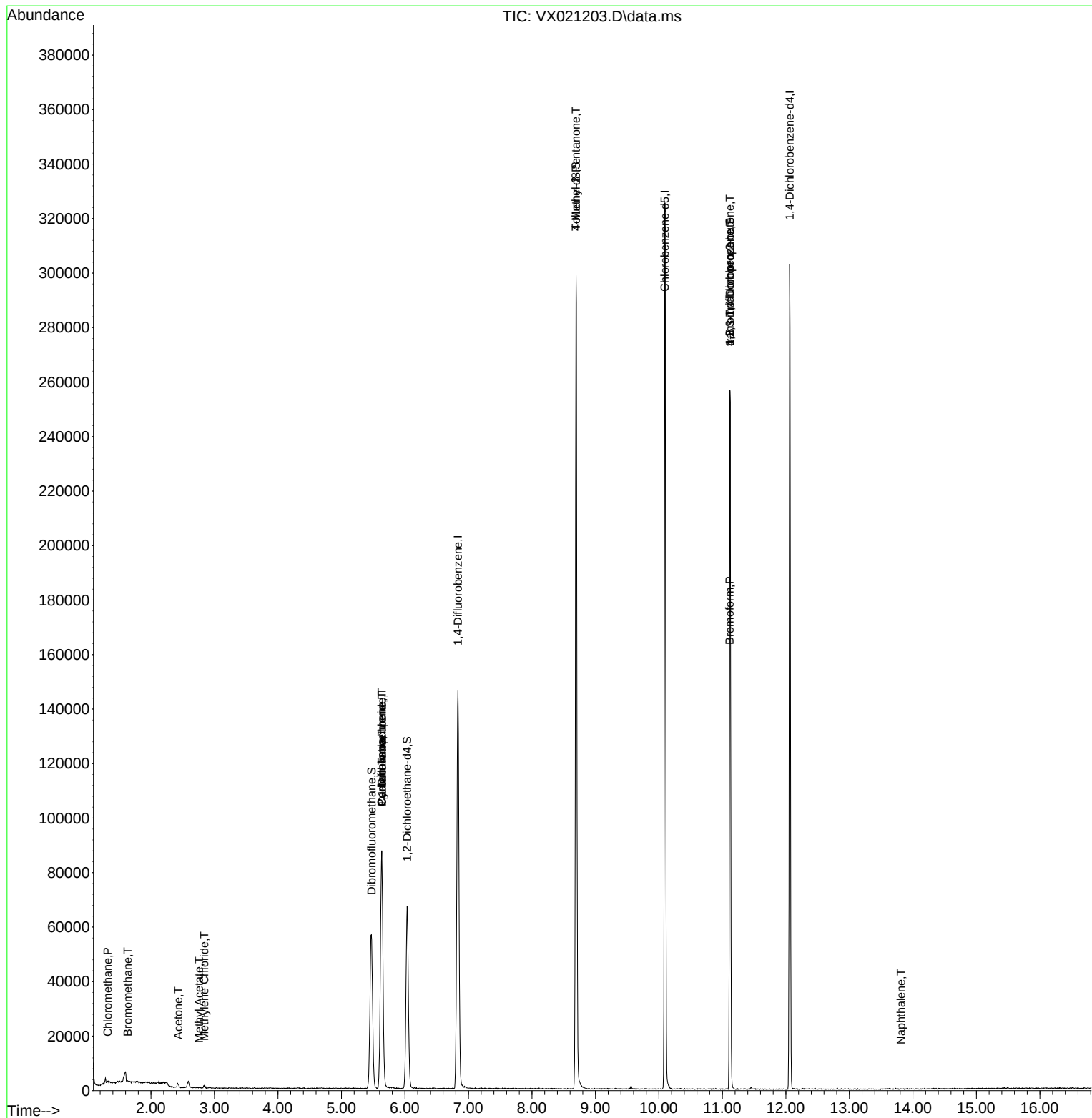
Internal Standards								
1) Pentafluorobenzene			5.635	168	74134	50.00	ug/l	0.01
34) 1,4-Difluorobenzene			6.835	114	135878	50.00	ug/l	0.00
63) Chlorobenzene-d5			10.094	117	130689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4			12.059	152	57001	50.00	ug/l	0.00
System Monitoring Compounds								
33) 1,2-Dichloroethane-d4			6.035	65	64898	51.34	ug/l	0.00
Spiked Amount 50.000			Range	61 - 141	Recovery	= 102.68%		
35) Dibromofluoromethane			5.476	113	47836	51.17	ug/l	0.01
Spiked Amount 50.000			Range	69 - 133	Recovery	= 102.34%		
50) Toluene-d8			8.694	98	170644	50.81	ug/l	0.00
Spiked Amount 50.000			Range	65 - 126	Recovery	= 101.62%		
62) 4-Bromofluorobenzene			11.118	95	67826	53.00	ug/l	0.00
Spiked Amount 50.000			Range	58 - 135	Recovery	= 106.00%		
Target Compounds								Qvalue
3) Chloromethane			1.317	50	218	0.23	ug/l #	62
5) Bromomethane			1.634	94	293	0.54	ug/l	94
16) Acetone			2.429	43	1547	3.04	ug/l #	82
18) Methyl Acetate			2.758	43	522	0.42	ug/l #	47
20) Methylene Chloride			2.840	84	235	0.24	ug/l #	90
31) Cyclohexane			5.635	56	2223	1.39	ug/l #	34
36) 1,1-Dichloropropene			5.635	75	6996	4.91	ug/l #	49
38) Carbon Tetrachloride			5.635	117	8220	5.26	ug/l #	17
51) 4-Methyl-2-Pentanone			8.694	43	1158	0.77	ug/l #	1
71) Bromoform			11.112	173	124	1.58	ug/l #	29
76) 1,2,3-Trichloropropane			11.118	75	38350	27.13	ug/l #	39
81) trans-1,4-Dichloro-2-b...			11.118	75	38350	77.01	ug/l #	12
95) Naphthalene			13.812	128	70	1.48	ug/l #	69

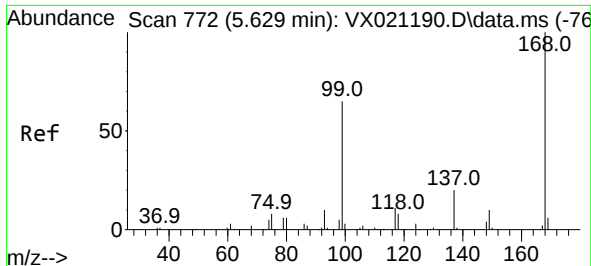
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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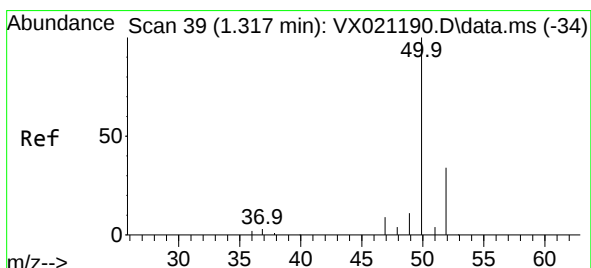
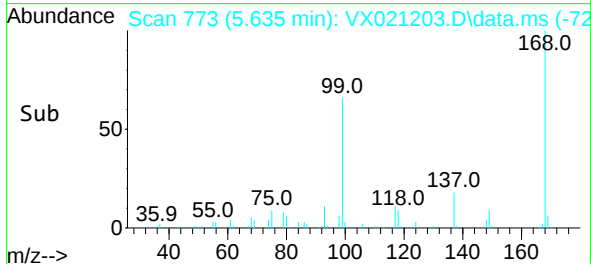
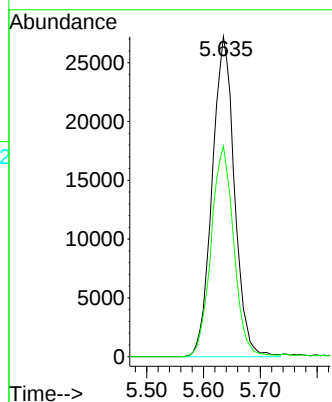
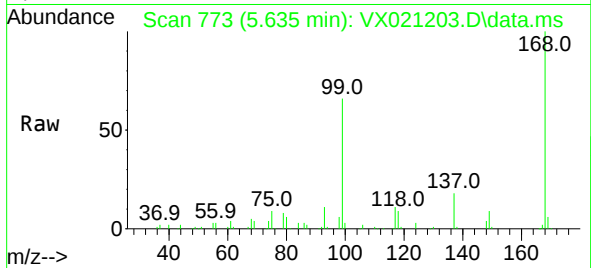




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021203.D
Acq: 15 Mar 2021 16:36

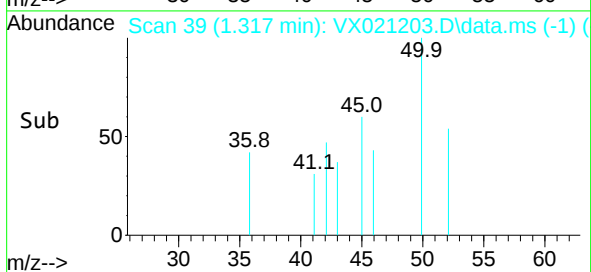
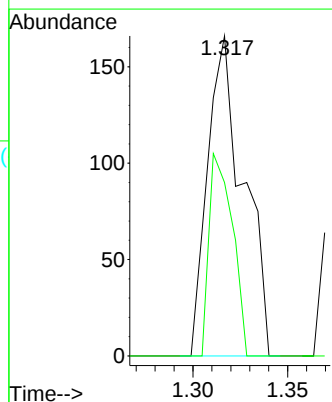
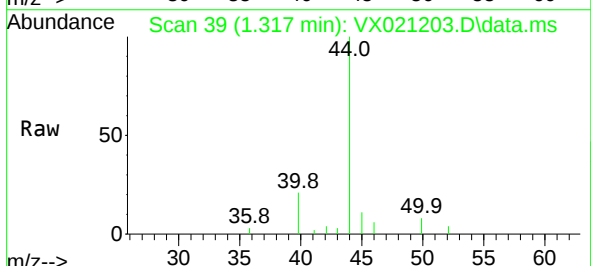
Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20210305

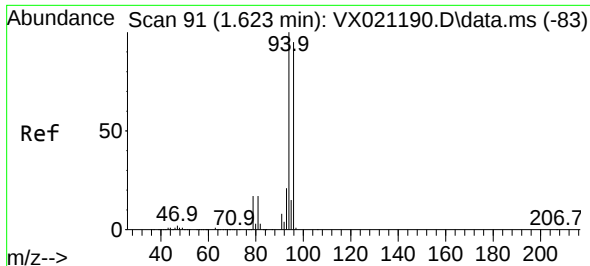
Tgt Ion:168 Resp: 74134
Ion Ratio Lower Upper
168 100
99 65.8 45.8 68.6



#3
Chloromethane
Concen: 0.23 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021203.D
Acq: 15 Mar 2021 16:36

Tgt Ion: 50 Resp: 218
Ion Ratio Lower Upper
50 100
52 54.2 26.4 39.6#

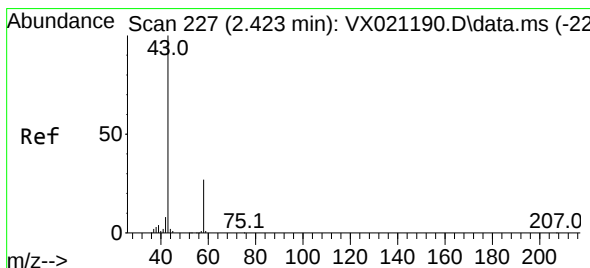
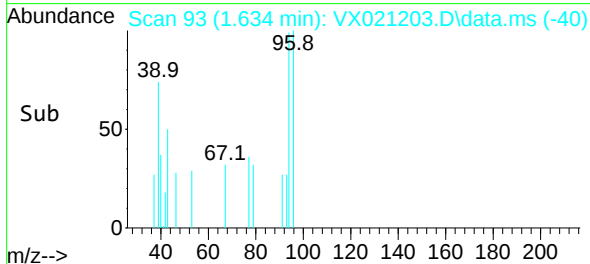
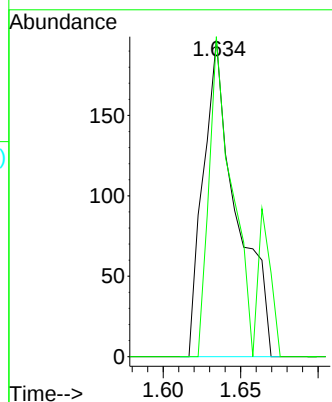
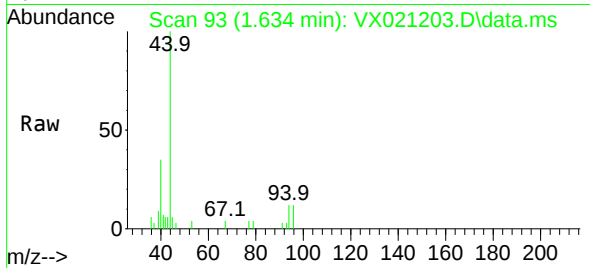




#5
Bromomethane
Concen: 0.54 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021203.D
Acq: 15 Mar 2021 16:36

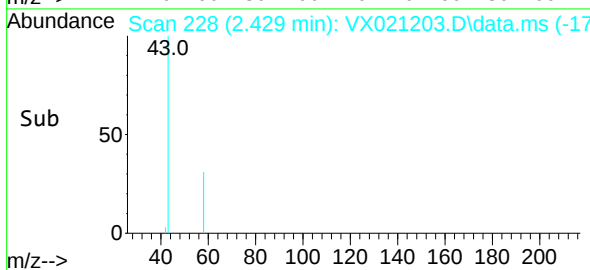
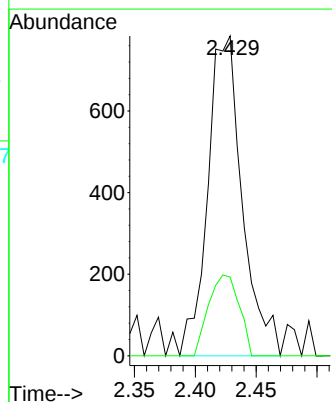
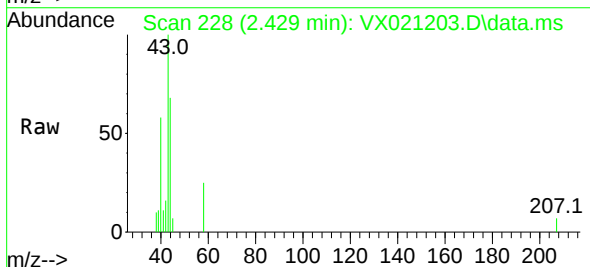
Instrument :
MSVOA_X
ClientSampleId :
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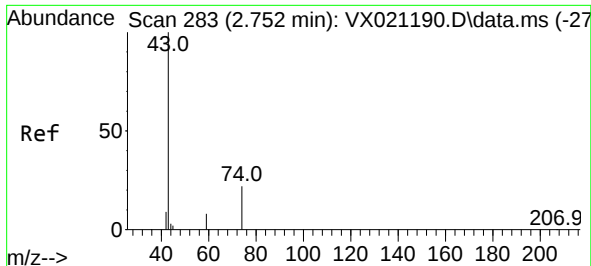
Tgt Ion: 94 Resp: 293
Ion Ratio Lower Upper
94 100
96 101.0 76.4 114.6



#16
Acetone
Concen: 3.04 ug/l
RT: 2.429 min Scan# 228
Delta R.T. 0.006 min
Lab File: VX021203.D
Acq: 15 Mar 2021 16:36

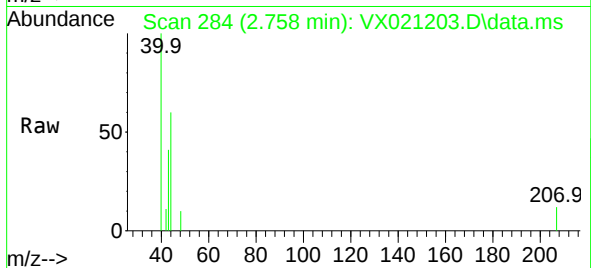
Tgt Ion: 43 Resp: 1547
Ion Ratio Lower Upper
43 100
58 24.6 27.8 41.8#



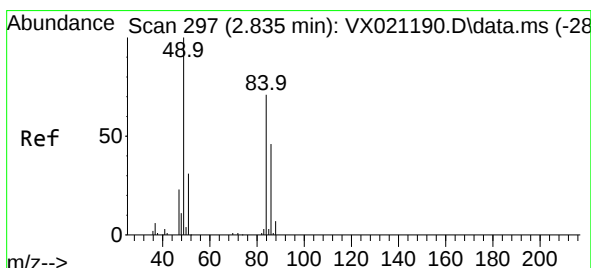
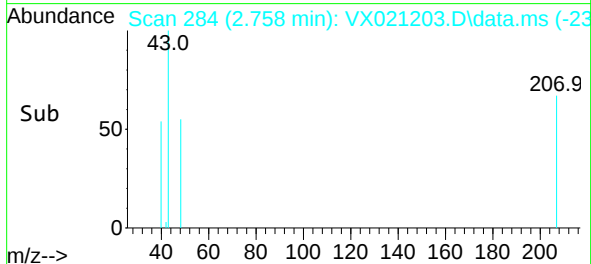
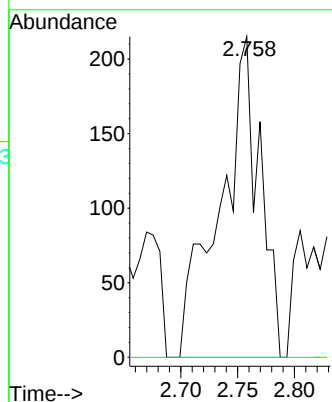


#18
Methyl Acetate
Concen: 0.42 ug/l
RT: 2.758 min Scan# 284
Delta R.T. 0.006 min
Lab File: VX021203.D
Acq: 15 Mar 2021 16:36

Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20210305

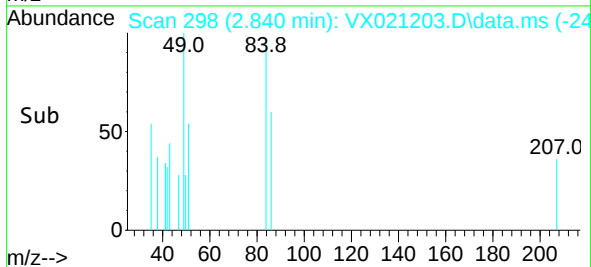
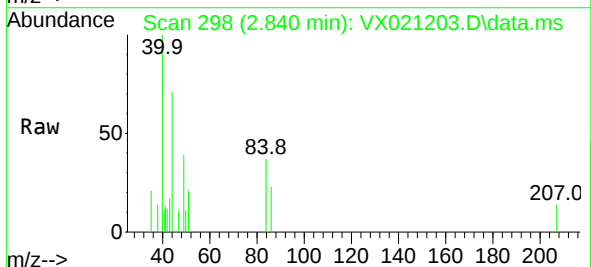
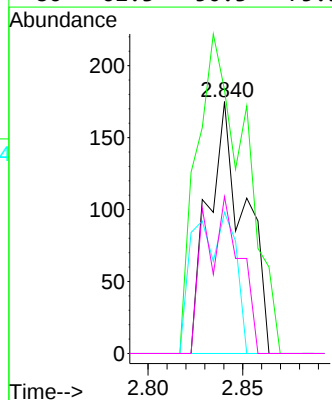


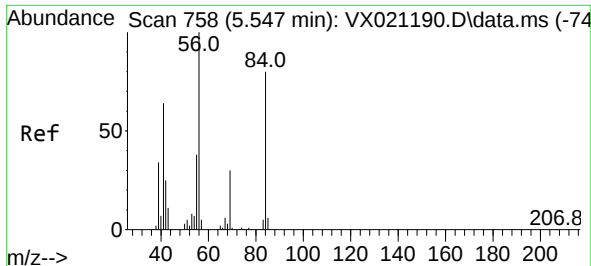
Tgt Ion: 43 Resp: 522
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.24 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.006 min
Lab File: VX021203.D
Acq: 15 Mar 2021 16:36

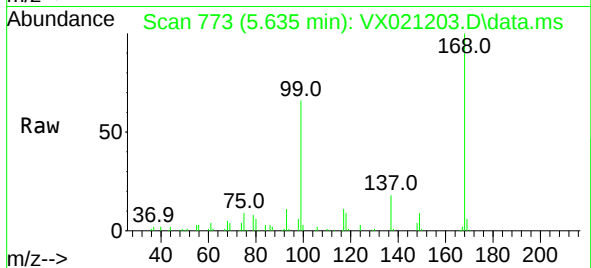
Tgt Ion: 84 Resp: 235
Ion Ratio Lower Upper
84 100
49 104.6 88.6 132.8
51 56.0 27.0 40.6#
86 62.3 50.3 75.5



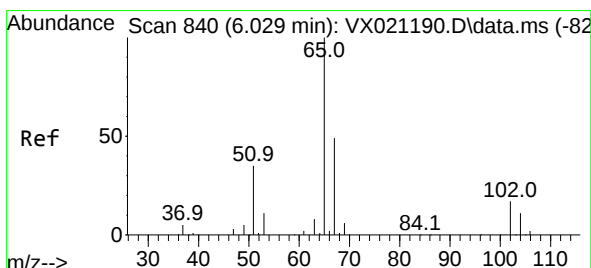
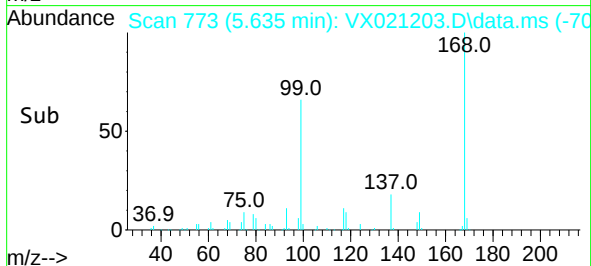
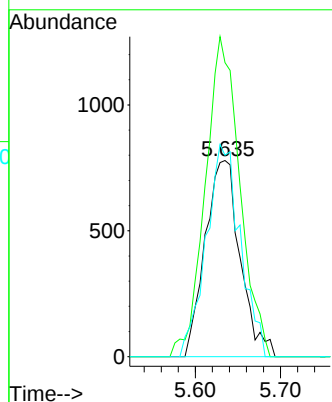


#31
Cyclohexane
Concen: 1.39 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.088 min
Lab File: VX021203.D
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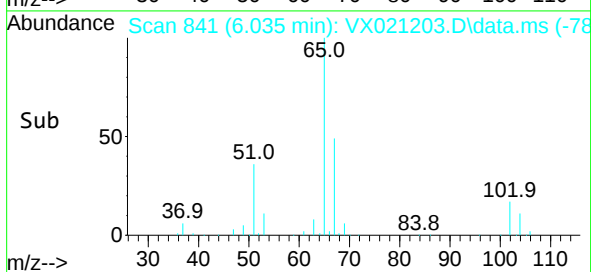
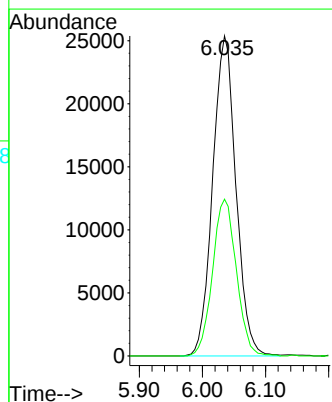
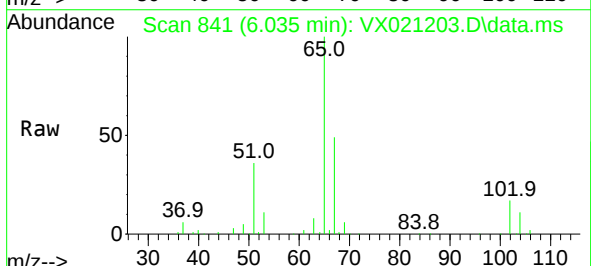


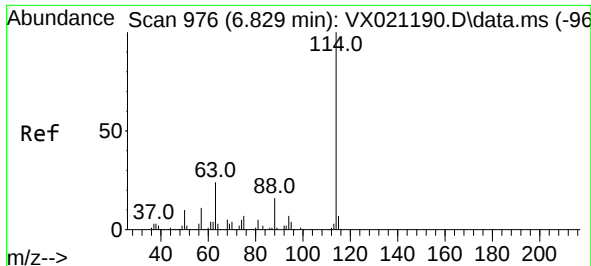
Tgt Ion: 56 Resp: 2223
Ion Ratio Lower Upper
56 100
69 149.9 25.3 37.9#
84 102.7 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 51.34 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021203.D
Acq: 15 Mar 2021 16:36

Tgt Ion: 65 Resp: 64898
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.835 min Scan# 977

Delta R.T. 0.006 min

Lab File: VX021203.D

Acq: 15 Mar 2021 16:36

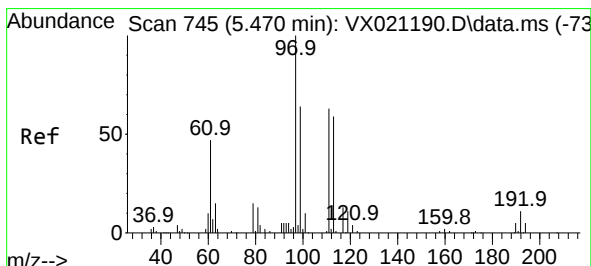
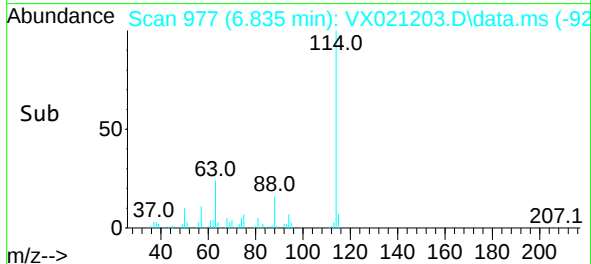
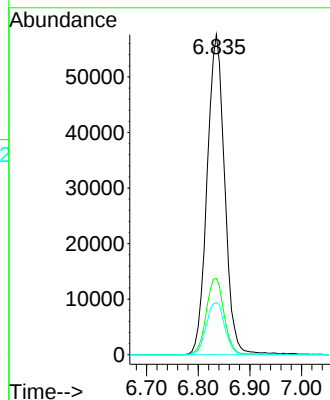
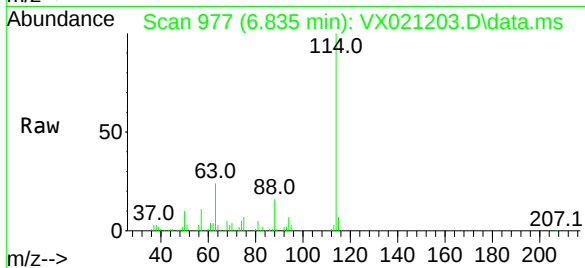
Tgt Ion:114 Resp: 135878

Ion Ratio Lower Upper

114 100

63 23.9 0.0 40.8

88 16.4 0.0 32.8



#35

Dibromofluoromethane

Concen: 51.17 ug/l

RT: 5.476 min Scan# 746

Delta R.T. 0.012 min

Lab File: VX021203.D

Acq: 15 Mar 2021 16:36

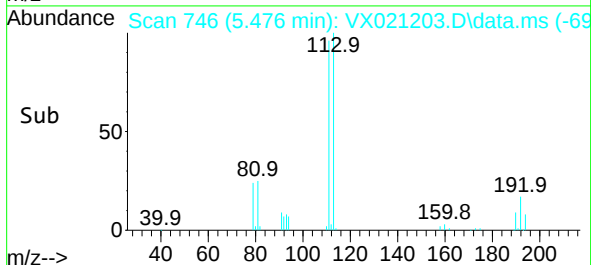
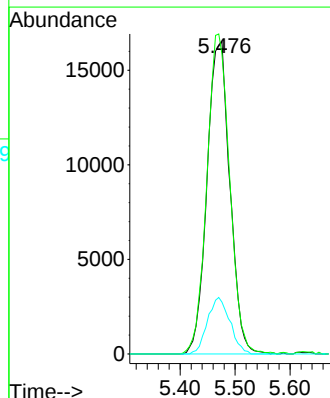
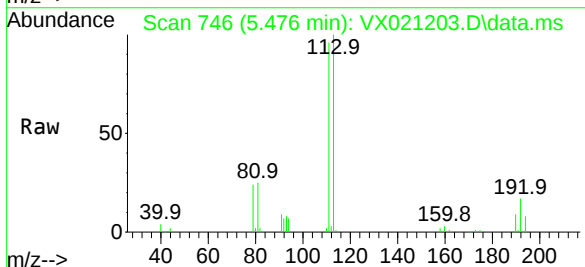
Tgt Ion:113 Resp: 47836

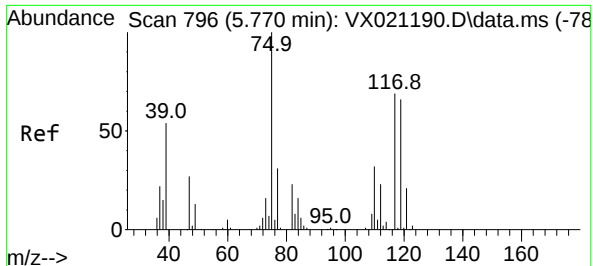
Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

192 17.7 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.91 ug/l

RT: 5.635 min Scan# 773

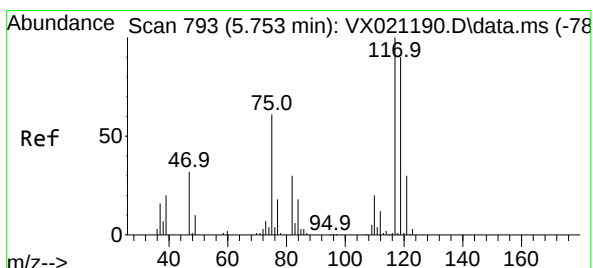
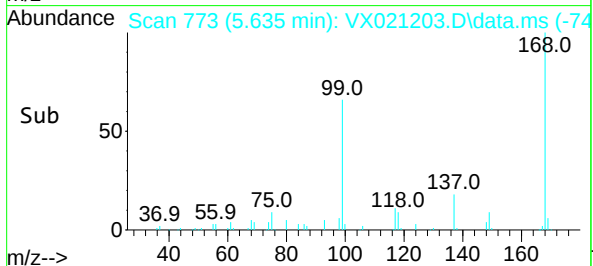
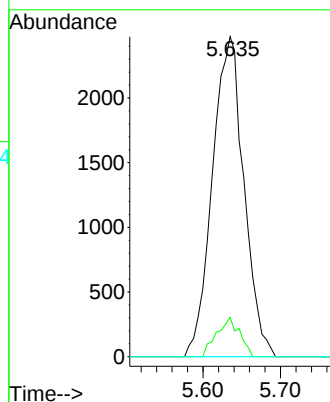
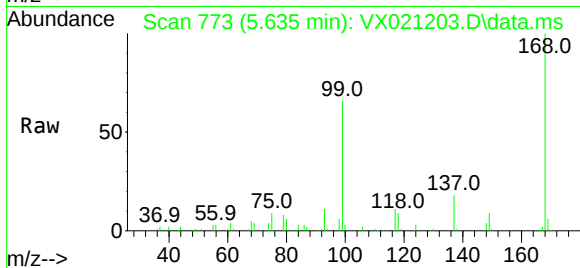
Delta R.T. -0.135 min

Lab File: VX021203.D

Acq: 15 Mar 2021 16:36

Tgt Ion:	75	Resp:	6996
Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.4#
77	0.0	25.3	37.9#

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#38

Carbon Tetrachloride

Concen: 5.26 ug/l

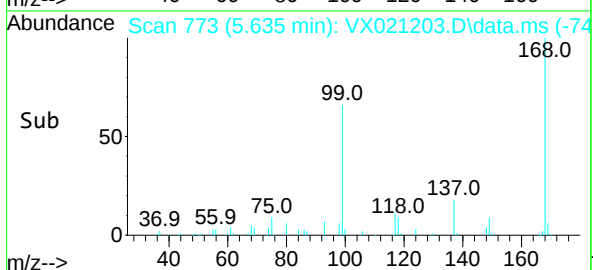
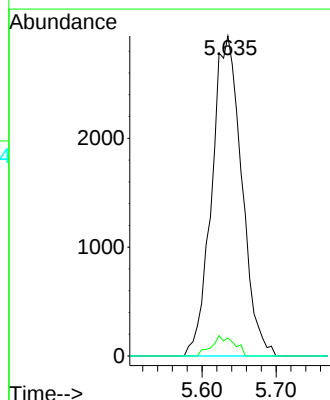
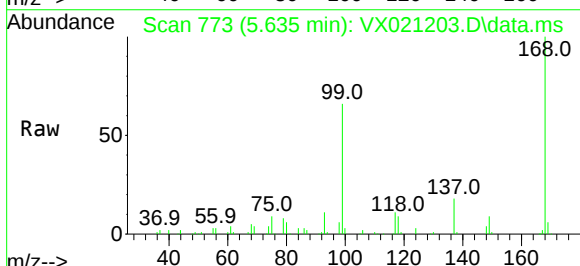
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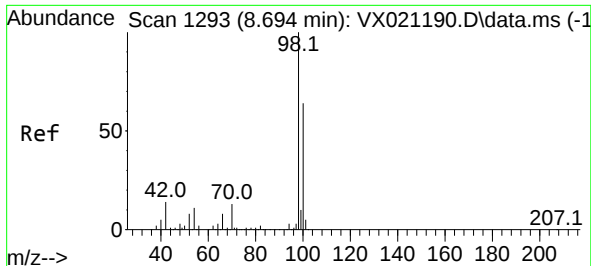
Delta R.T. -0.118 min

Lab File: VX021203.D

Acq: 15 Mar 2021 16:36

Tgt Ion:	117	Resp:	8220
Ion	Ratio	Lower	Upper
117	100		
119	5.6	76.2	114.2#
121	0.0	24.8	37.2#

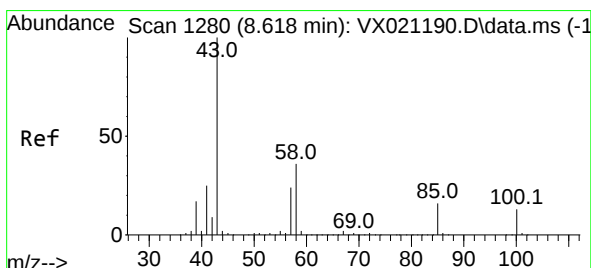
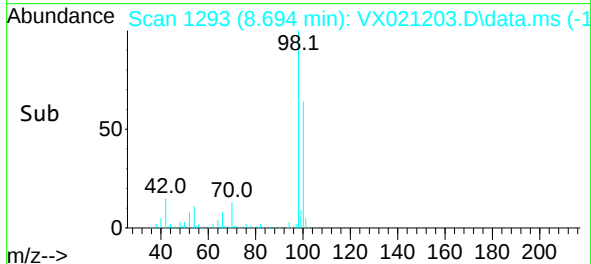
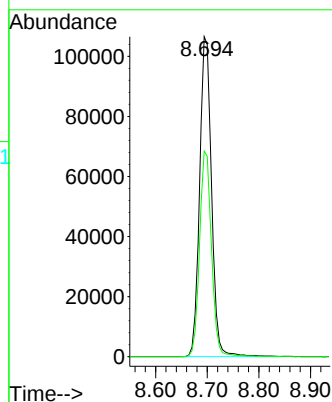
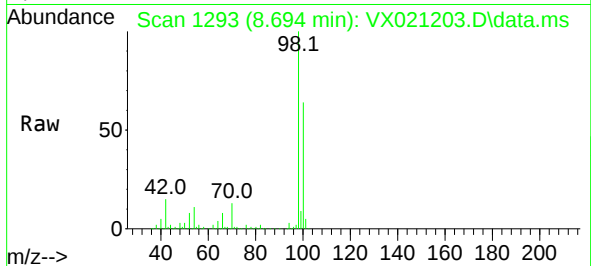




#50
Toluene-d8
Concen: 50.81 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021203.D
Acq: 15 Mar 2021 16:36

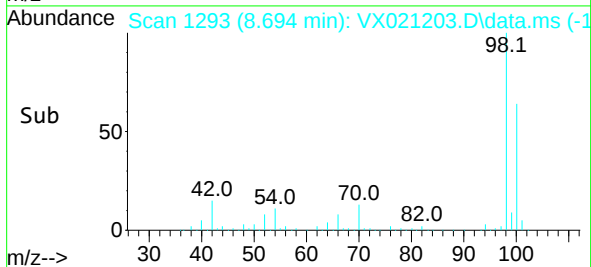
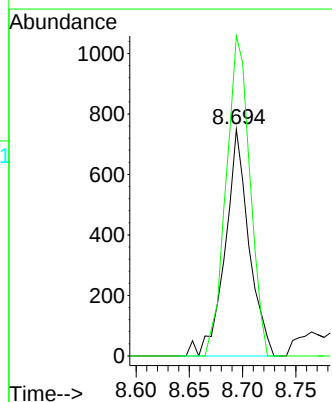
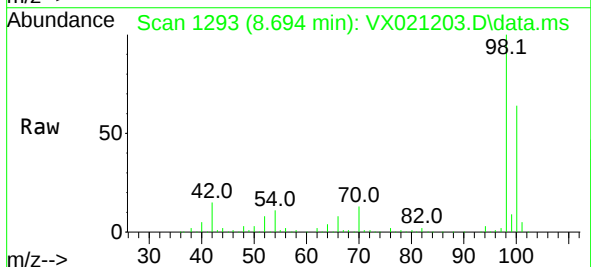
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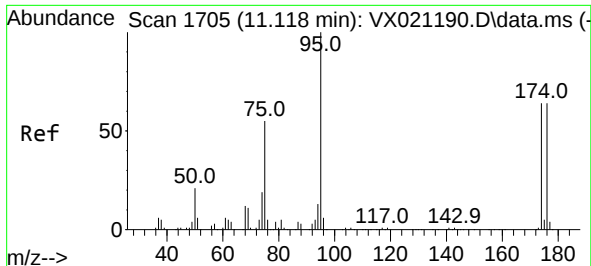
Tgt Ion: 98 Resp: 170644
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.77 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.076 min
Lab File: VX021203.D
Acq: 15 Mar 2021 16:36

Tgt Ion: 43 Resp: 1158
Ion Ratio Lower Upper
43 100
58 141.5 35.4 53.0#

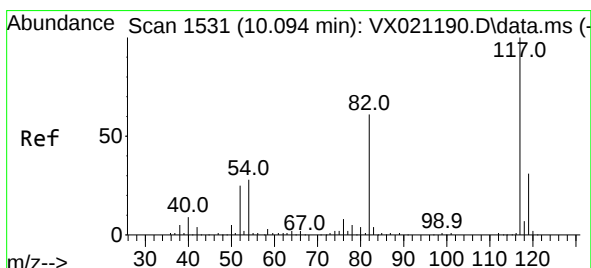
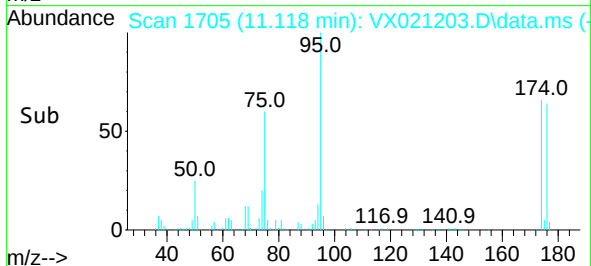
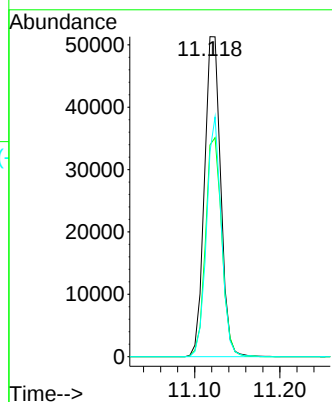
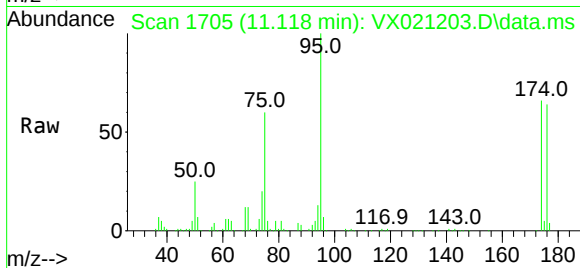




#62
4-Bromofluorobenzene
Concen: 53.00 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021203.D
Acq: 15 Mar 2021 16:36

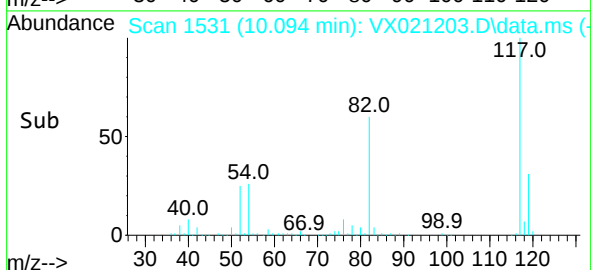
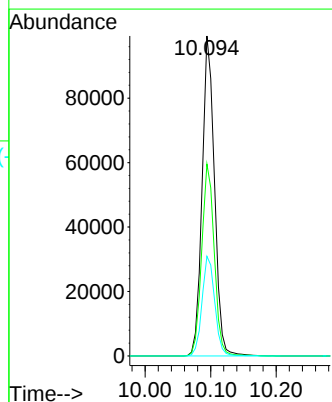
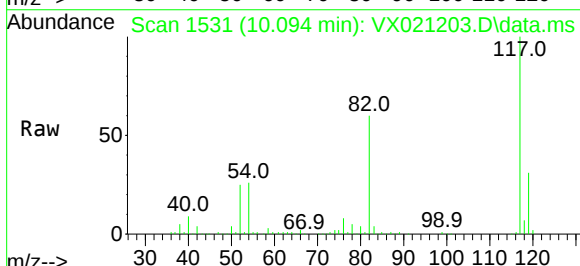
Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20210305

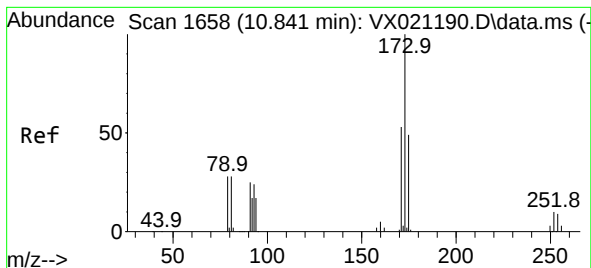
Tgt Ion: 95 Resp: 67826
Ion Ratio Lower Upper
95 100
174 68.4 0.0 154.6
176 68.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021203.D
Acq: 15 Mar 2021 16:36

Tgt Ion: 117 Resp: 130689
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.2
119 31.2 26.6 39.8





#71

Bromoform

Concen: 1.58 ug/l

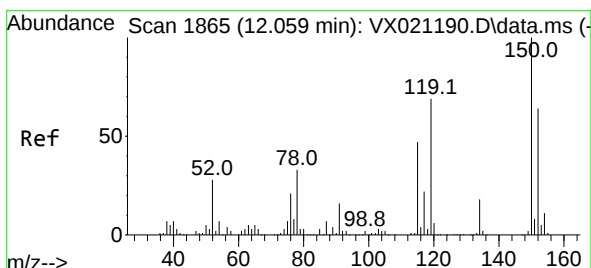
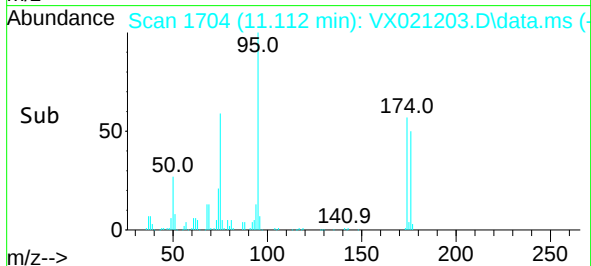
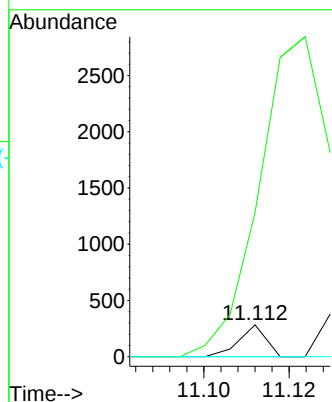
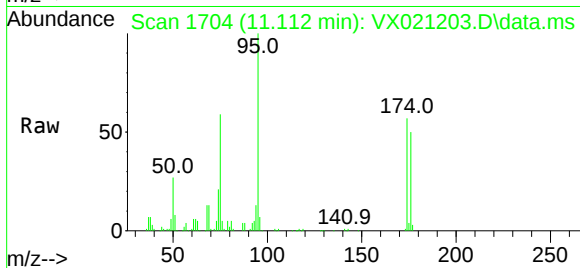
RT: 11.112 min Scan# 1704

Delta R.T. 0.271 min

Lab File: VX021203.D

Acq: 15 Mar 2021 16:36

Tgt Ion:173	Resp:	124
Ion Ratio	Lower	Upper
173	100	
175	0.0	23.9 71.8#
254	0.0	0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

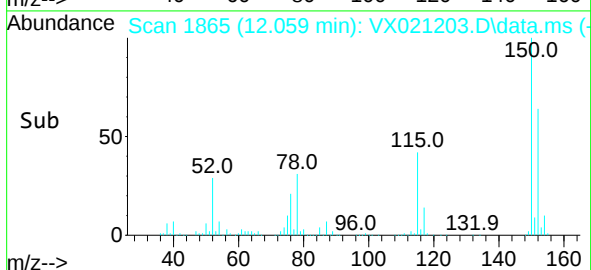
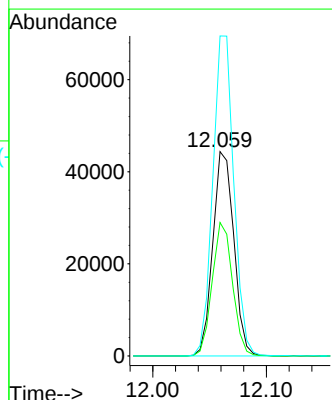
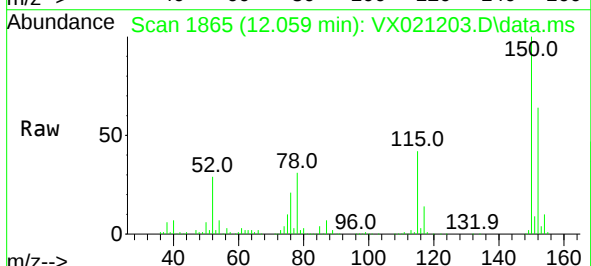
RT: 12.059 min Scan# 1865

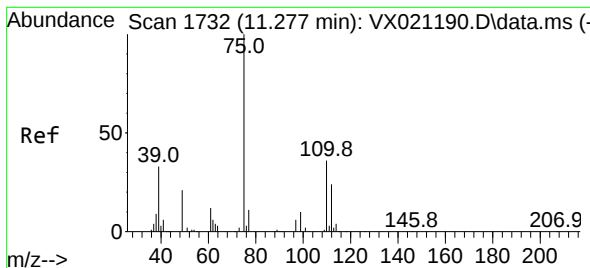
Delta R.T. -0.006 min

Lab File: VX021203.D

Acq: 15 Mar 2021 16:36

Tgt Ion:152	Resp:	57001
Ion Ratio	Lower	Upper
152	100	
115	63.2	41.1 123.3
150	157.2	0.0 349.0

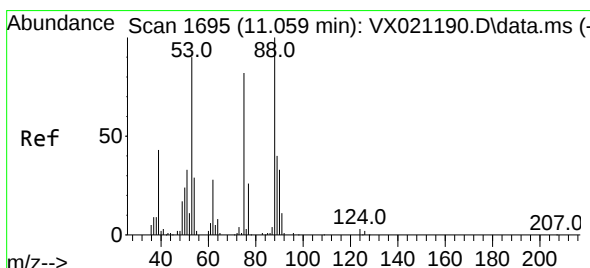
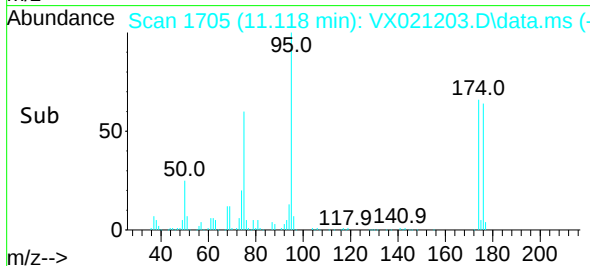
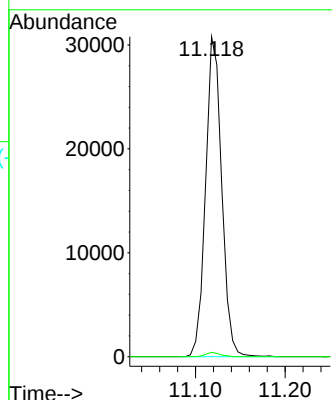
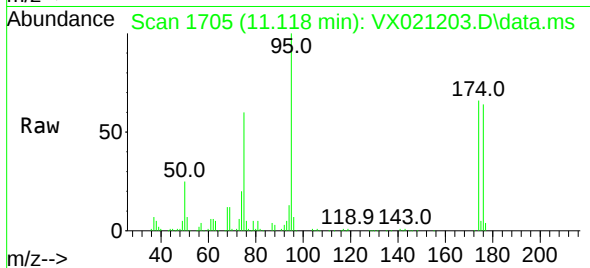




#76
1,2,3-Trichloropropane
Concen: 27.13 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021203.D
Acq: 15 Mar 2021 16:36

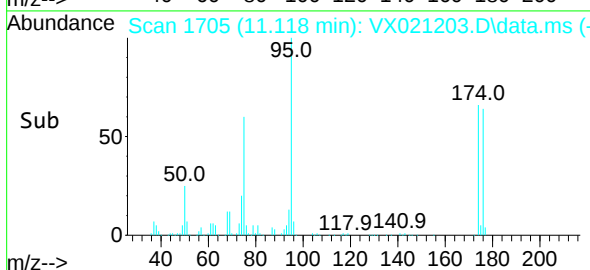
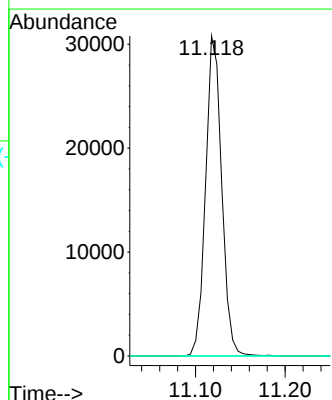
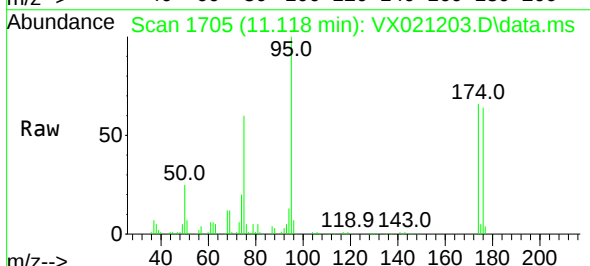
Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20210305

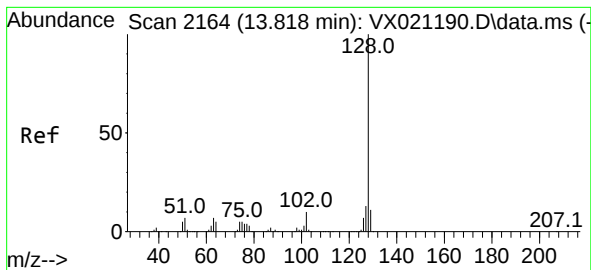
Tgt Ion: 75 Resp: 38350
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.01 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021203.D
Acq: 15 Mar 2021 16:36

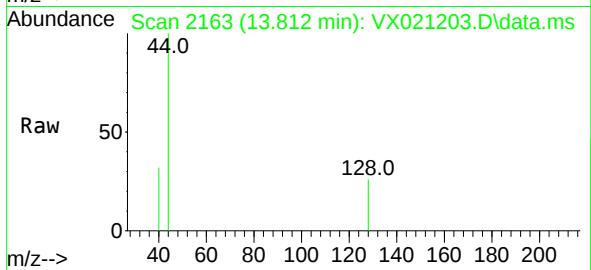
Tgt Ion: 75 Resp: 38350
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.48 ug/l
RT: 13.812 min Scan# 2163
Delta R.T. -0.006 min
Lab File: VX021203.D
Acq: 15 Mar 2021 16:36

Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20210305



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

