

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
 Data File : VX024332.D
 Acq On : 18 Sep 2021 01:23
 Operator : JC/MD
 Sample : M3782-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW181S-20210914

Quant Time: Sep 20 02:43:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

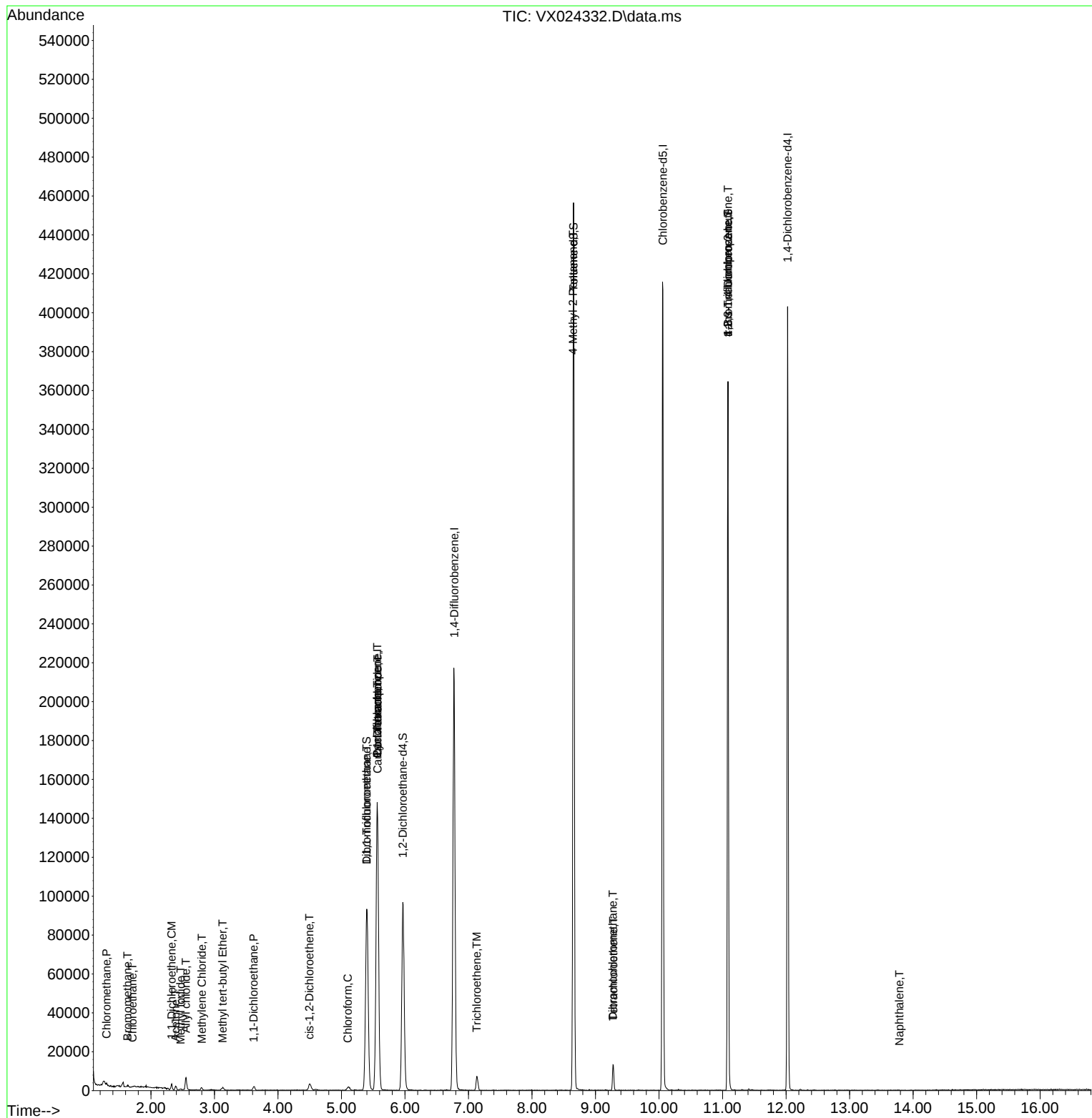
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	135431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	208945	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	188423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	96846	50.148	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.300%	
35) Dibromofluoromethane	5.397	113	80674	57.572	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 115.140%	
50) Toluene-d8	8.653	98	264510	51.816	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.640%	
62) 4-Bromofluorobenzene	11.085	95	86957	43.772	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.540%	
Target Compounds						Qvalue
3) Chloromethane	1.300	50	538	0.396	ug/l #	86
5) Bromomethane	1.630	94	532	0.660	ug/l #	79
6) Chloroethane	1.709	64	334	2.292	ug/l #	43
10) Methyl Iodide	2.465	142	729	0.395	ug/l #	66
11) Tert butyl alcohol	2.971	59	114	Below Cal	#	73
12) 1,1-Dichloroethene	2.325	96	863	0.691	ug/l	84
14) Allyl chloride	2.550	41	648	0.286	ug/l #	55
16) Acetone	2.386	43	1963	2.384	ug/l #	70
19) Methyl tert-butyl Ether	3.129	73	1404	0.306	ug/l	92
20) Methylene Chloride	2.800	84	551	0.348	ug/l #	88
24) 1,1-Dichloroethane	3.617	63	2304	0.881	ug/l #	92
27) cis-1,2-Dichloroethene	4.495	96	2406	1.524	ug/l	85
30) Chloroform	5.098	83	2155	0.775	ug/l	97
31) Cyclohexane	5.562	56	3042	1.347	ug/l #	1
32) 1,1,1-Trichloroethane	5.397	97	1292	0.519	ug/l #	44
36) 1,1-Dichloropropene	5.562	75	10733	5.587	ug/l #	49
38) Carbon Tetrachloride	5.568	117	14019	6.484	ug/l #	16
44) Trichloroethene	7.129	130	2963	1.914	ug/l	58
51) 4-Methyl-2-Pentanone	8.647	43	1279	0.563	ug/l #	1
60) Dibromochloromethane	9.275	129	2470	3.093	ug/l #	11
64) Tetrachloroethene	9.281	164	2605	1.785	ug/l	91
76) 1,2,3-Trichloropropane	11.085	75	47059	25.901	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	47059	76.176	ug/l #	12
95) Naphthalene	13.786	128	56	1.297	ug/l #	69

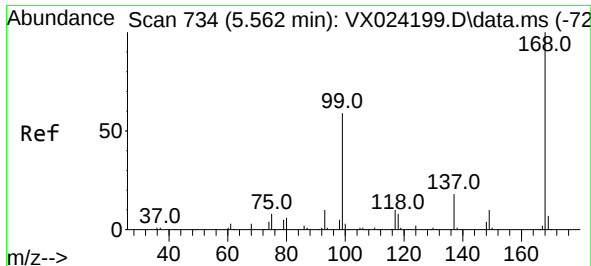
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

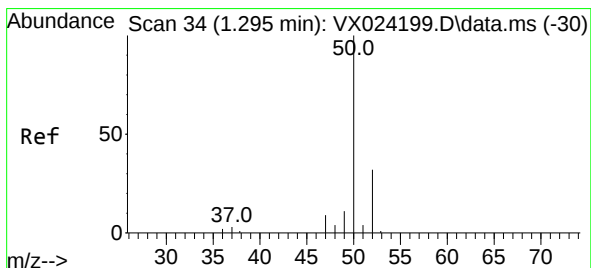
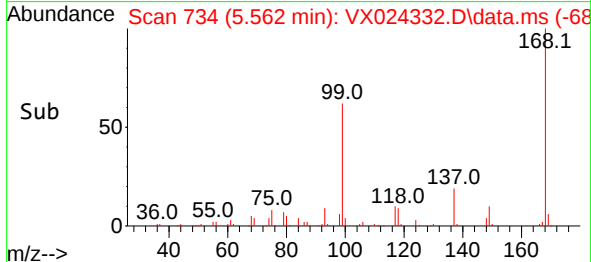
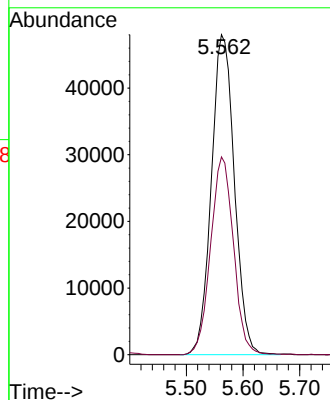
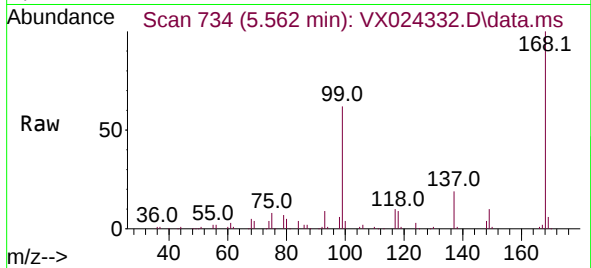




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024332.D
Acq: 18 Sep 2021 01:23

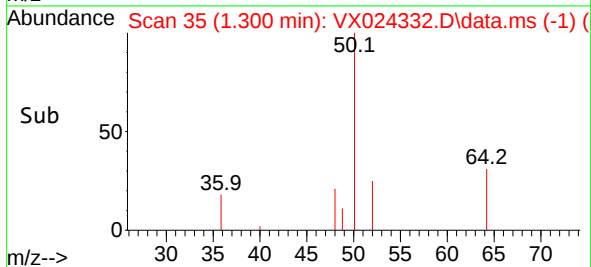
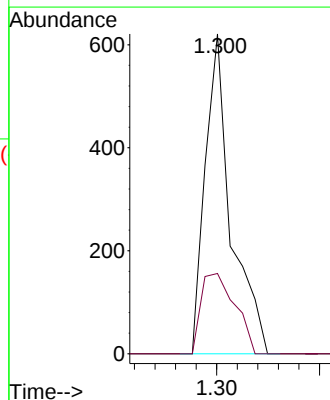
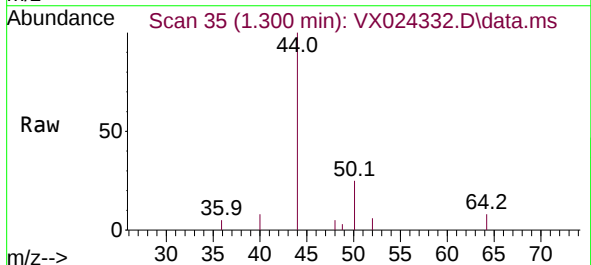
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20210914

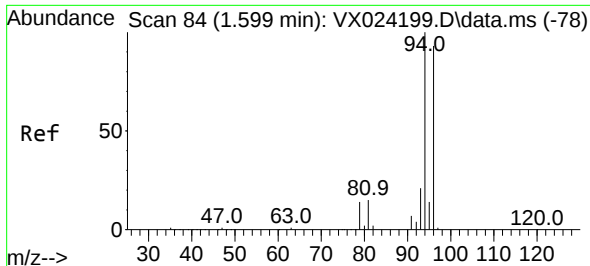
Tgt Ion:168 Resp: 135431
Ion Ratio Lower Upper
168 100
99 61.8 45.8 68.6



#3
Chloromethane
Concen: 0.396 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.005 min
Lab File: VX024332.D
Acq: 18 Sep 2021 01:23

Tgt Ion: 50 Resp: 538
Ion Ratio Lower Upper
50 100
52 25.1 26.4 39.6#

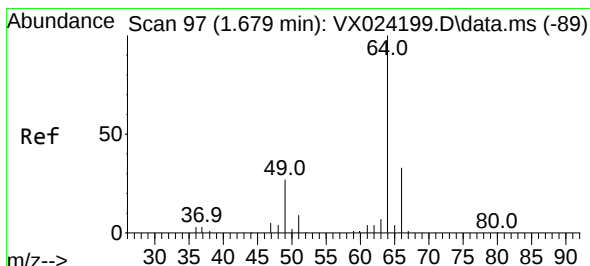
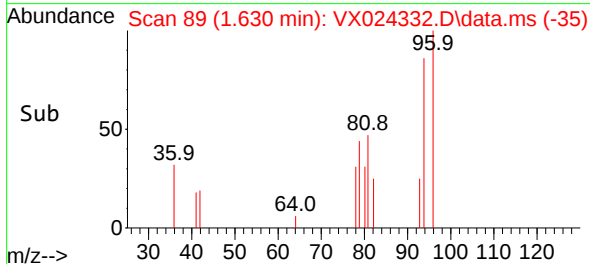
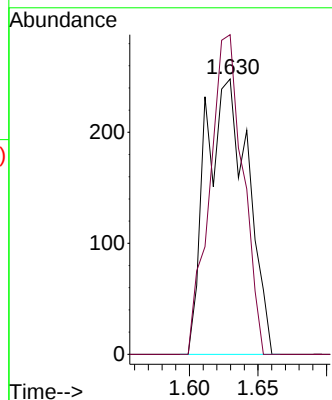
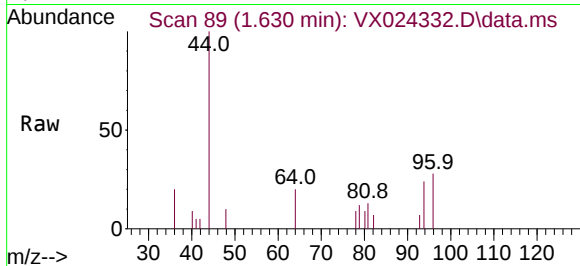




#5
Bromomethane
Concen: 0.660 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX024332.D
Acq: 18 Sep 2021 01:23

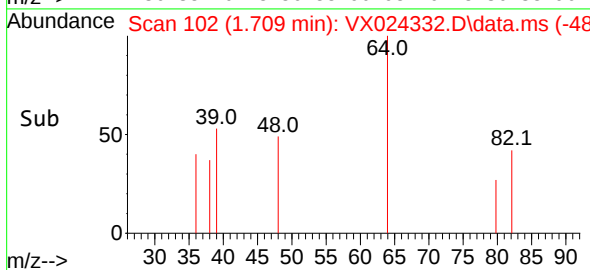
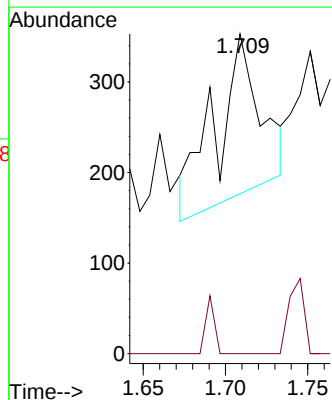
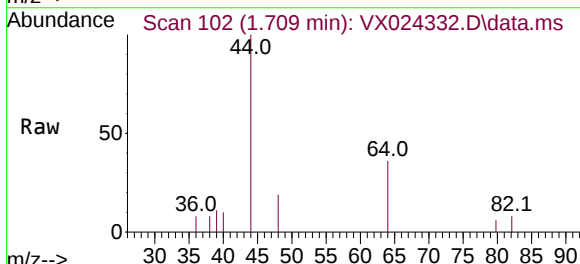
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20210914

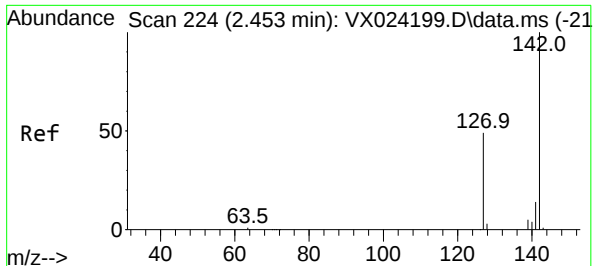
Tgt Ion: 94 Resp: 532
Ion Ratio Lower Upper
94 100
96 116.1 76.4 114.6#



#6
Chloroethane
Concen: 2.292 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.030 min
Lab File: VX024332.D
Acq: 18 Sep 2021 01:23

Tgt Ion: 64 Resp: 334
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

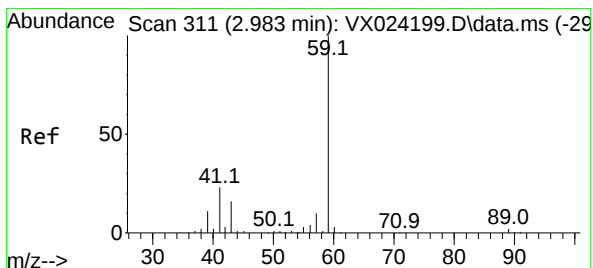
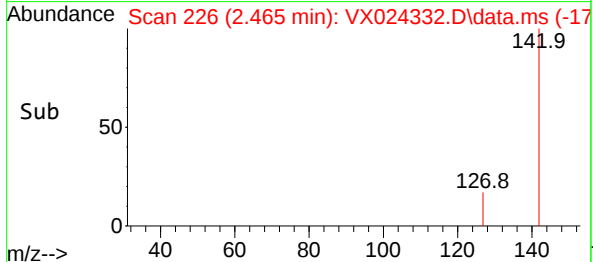
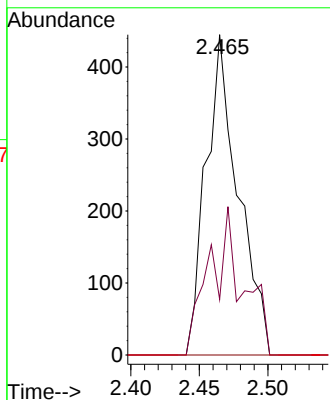
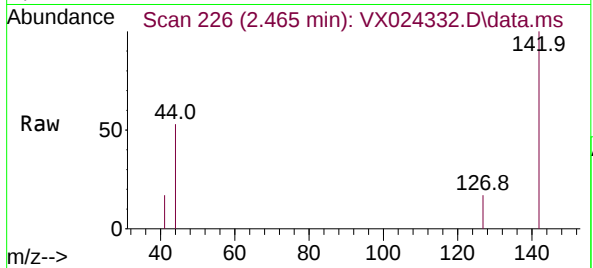




#10
Methyl Iodide
Concen: 0.395 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024332.D
Acq: 18 Sep 2021 01:23

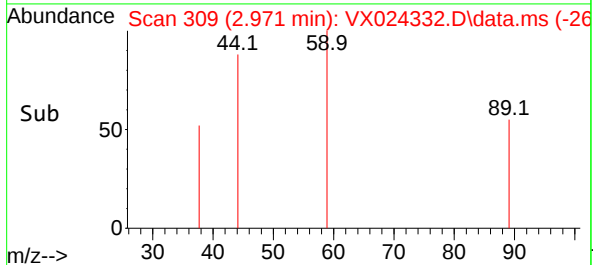
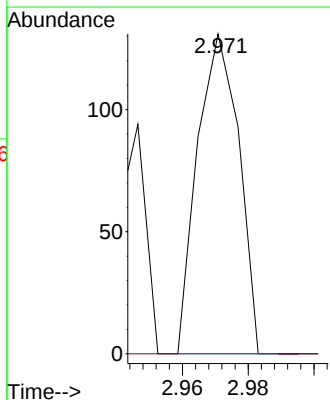
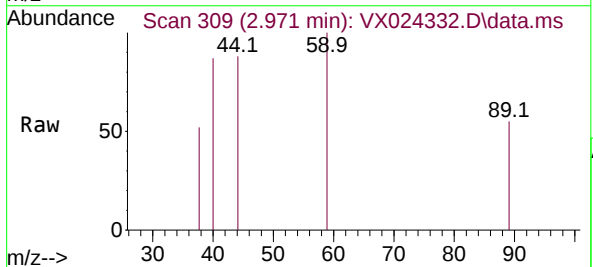
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20210914

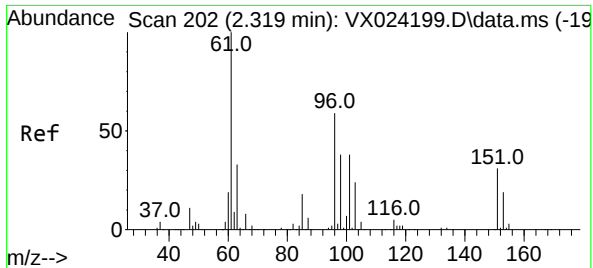
Tgt Ion:142 Resp: 729
Ion Ratio Lower Upper
142 100
127 20.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX024332.D
Acq: 18 Sep 2021 01:23

Tgt Ion: 59 Resp: 114
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 0.691 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX024332.D

Acq: 18 Sep 2021 01:23

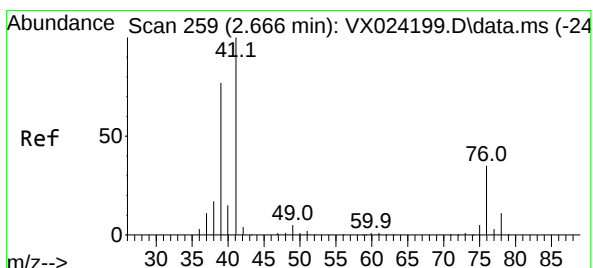
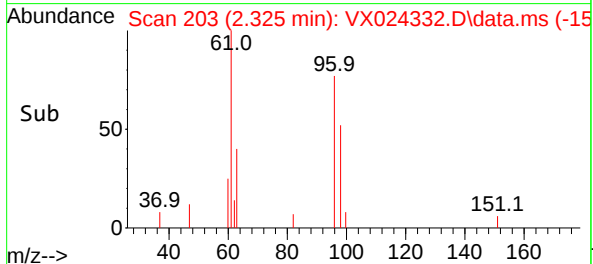
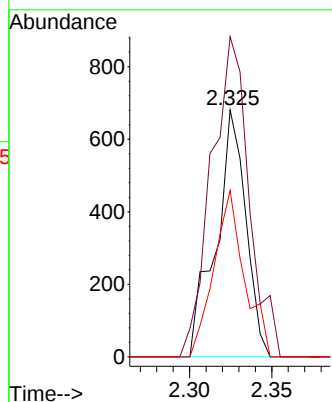
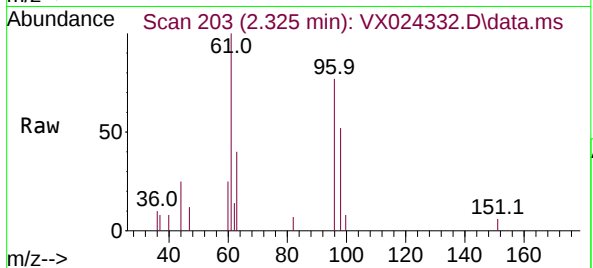
Tgt Ion: 96 Resp: 863

Ion Ratio Lower Upper

96 100

61 129.7 124.6 187.0

98 67.4 50.6 76.0



#14

Allyl chloride

Concen: 0.286 ug/l

RT: 2.550 min Scan# 240

Delta R.T. -0.116 min

Lab File: VX024332.D

Acq: 18 Sep 2021 01:23

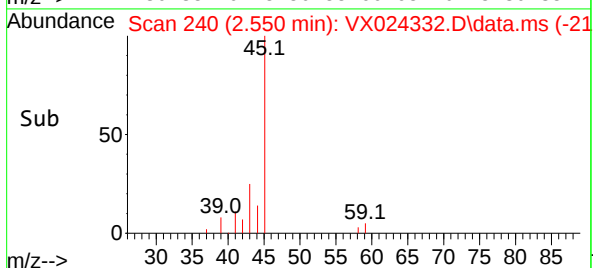
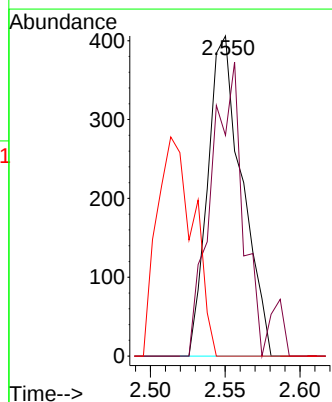
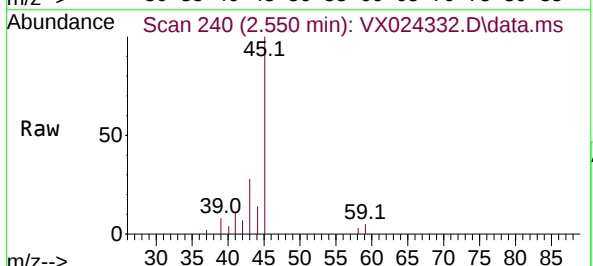
Tgt Ion: 41 Resp: 648

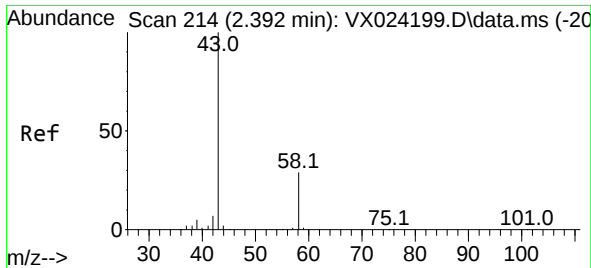
Ion Ratio Lower Upper

41 100

39 91.0 51.6 77.4#

76 0.0 30.5 45.7#

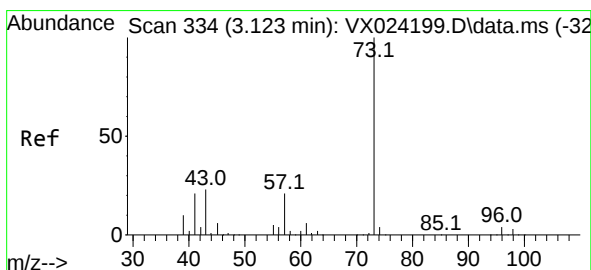
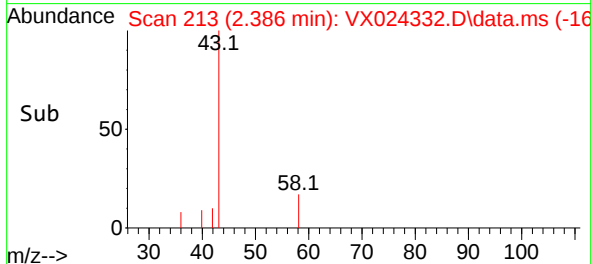
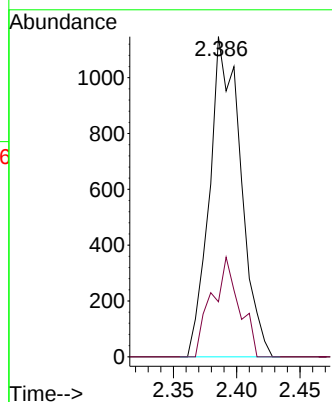
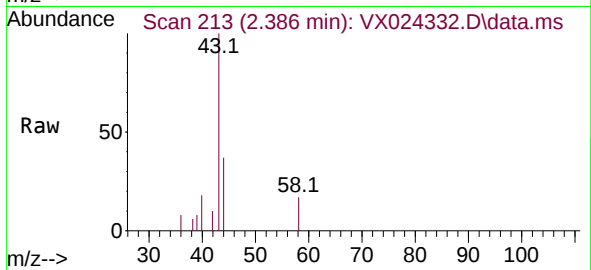




#16
Acetone
Concen: 2.384 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024332.D
Acq: 18 Sep 2021 01:23

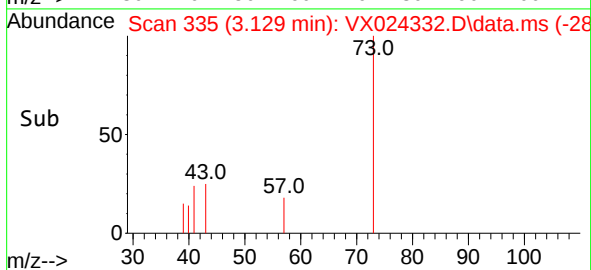
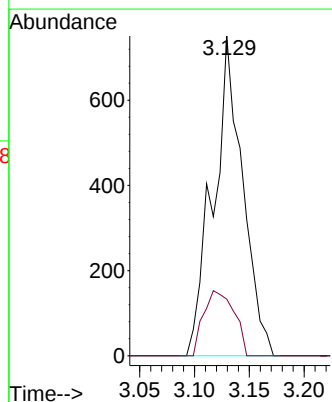
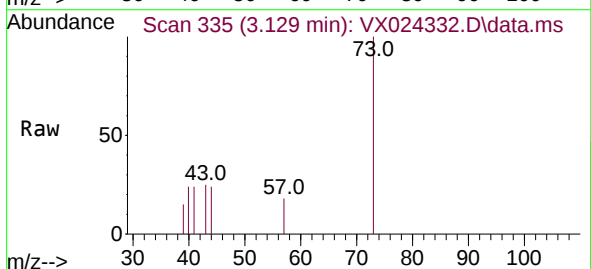
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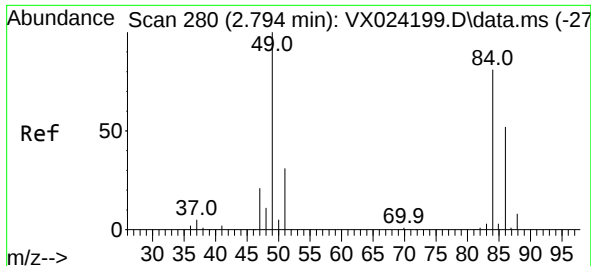
Tgt Ion: 43 Resp: 1963
Ion Ratio Lower Upper
43 100
58 17.2 27.8 41.8#



#19
Methyl tert-butyl Ether
Concen: 0.306 ug/l
RT: 3.129 min Scan# 335
Delta R.T. 0.006 min
Lab File: VX024332.D
Acq: 18 Sep 2021 01:23

Tgt Ion: 73 Resp: 1404
Ion Ratio Lower Upper
73 100
57 17.7 17.1 25.7





#20

Methylene Chloride

Concen: 0.348 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX024332.D

Acq: 18 Sep 2021 01:23

Instrument :

MSVOA_X

ClientSampleId :

MW181S-20210914

Tgt Ion: 84 Resp: 551

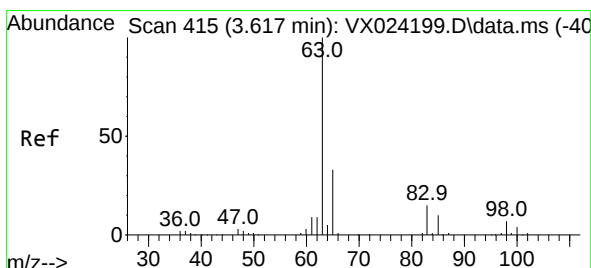
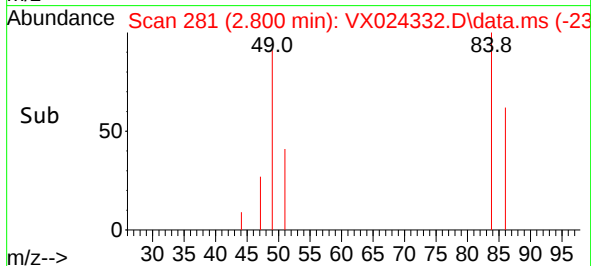
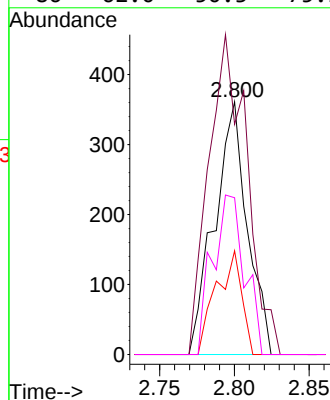
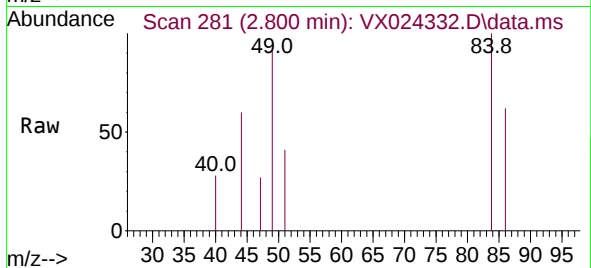
Ion Ratio Lower Upper

84 100

49 91.1 88.6 132.8

51 41.0 27.0 40.6#

86 62.0 50.3 75.5



#24

1,1-Dichloroethane

Concen: 0.881 ug/l

RT: 3.617 min Scan# 415

Delta R.T. 0.000 min

Lab File: VX024332.D

Acq: 18 Sep 2021 01:23

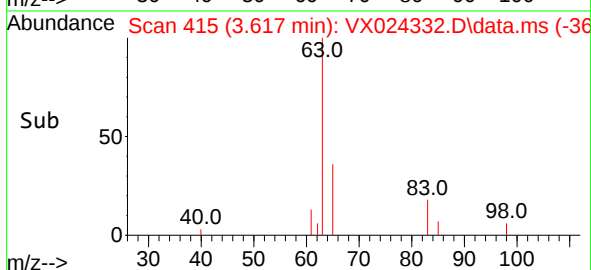
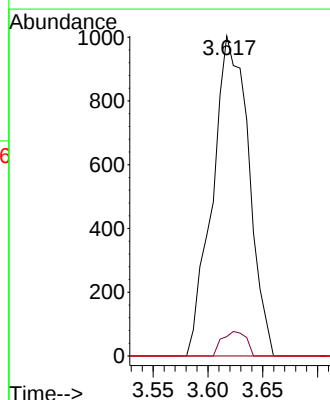
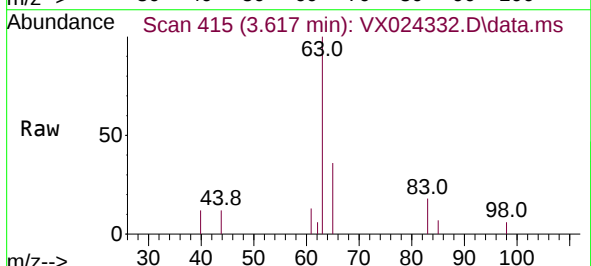
Tgt Ion: 63 Resp: 2304

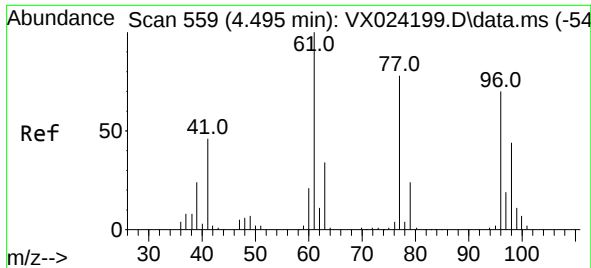
Ion Ratio Lower Upper

63 100

98 6.1 3.8 11.2

100 0.0 2.5 7.5#

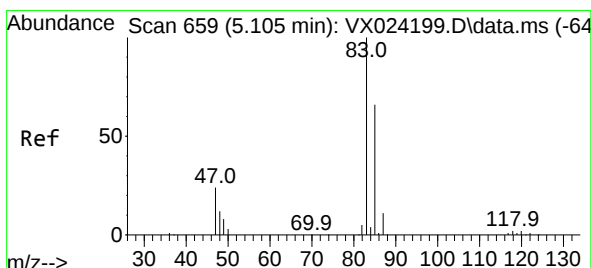
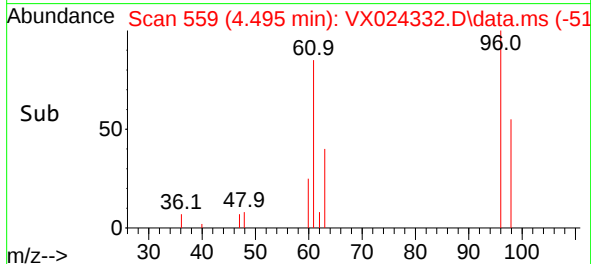
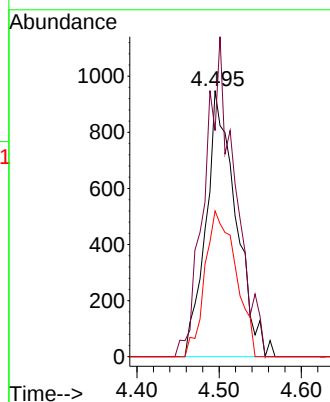
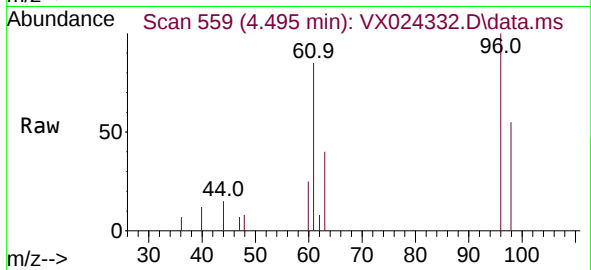




#27
 cis-1,2-Dichloroethene
 Concen: 1.524 ug/l
 RT: 4.495 min Scan# 559
 Delta R.T. -0.000 min
 Lab File: VX024332.D
 Acq: 18 Sep 2021 01:23

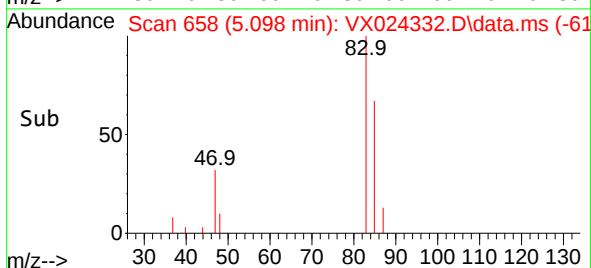
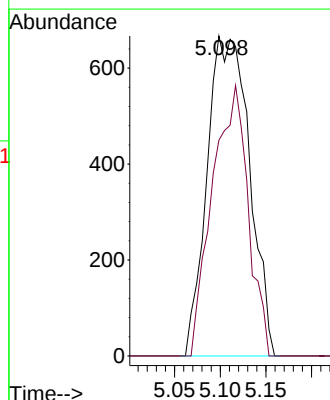
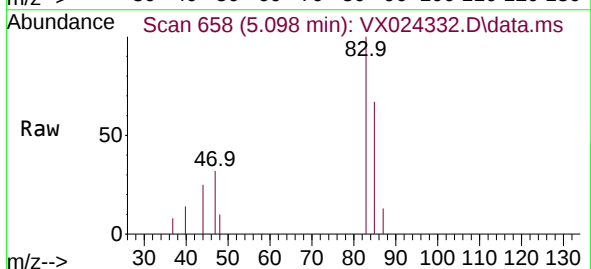
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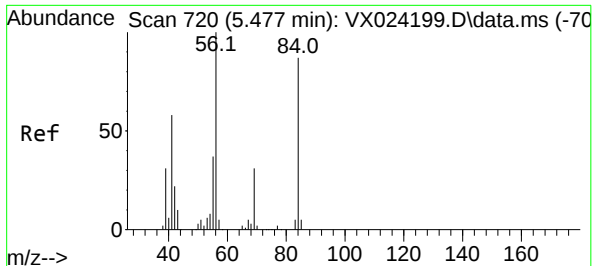
Tgt Ion:	96	Resp:	2406
Ion	Ratio	Lower	Upper
96	100		
61	121.7	0.0	285.6
98	56.7	0.0	129.6



#30
 Chloroform
 Concen: 0.775 ug/l
 RT: 5.098 min Scan# 658
 Delta R.T. -0.007 min
 Lab File: VX024332.D
 Acq: 18 Sep 2021 01:23

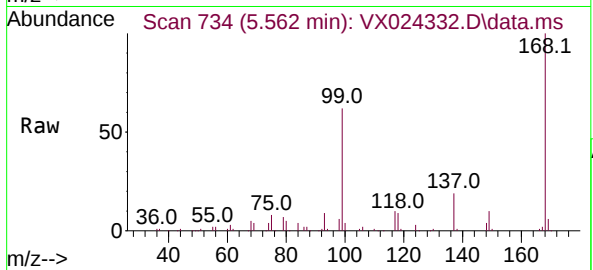
Tgt Ion:	83	Resp:	2155
Ion	Ratio	Lower	Upper
83	100		
85	67.5	52.0	78.0



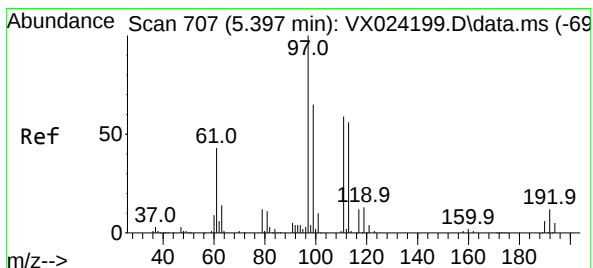
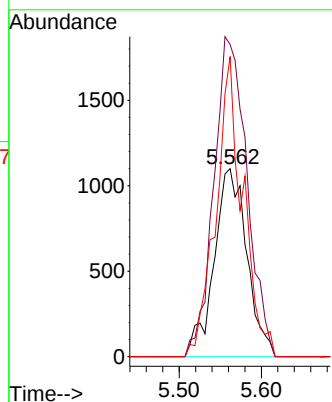
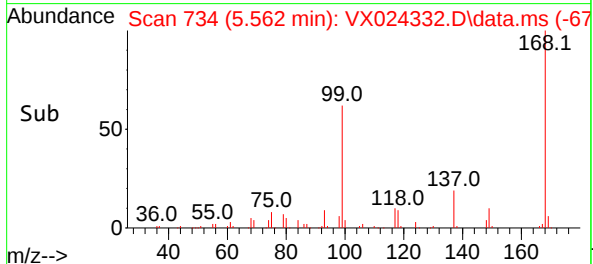


#31
Cyclohexane
Concen: 1.347 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024332.D
Acq: 18 Sep 2021 01:23

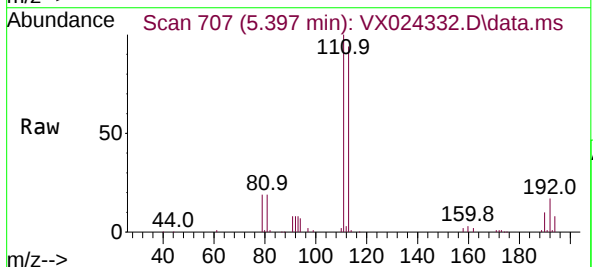
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20210914



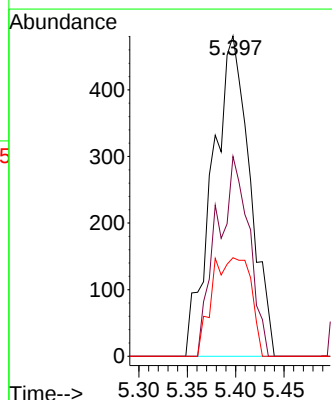
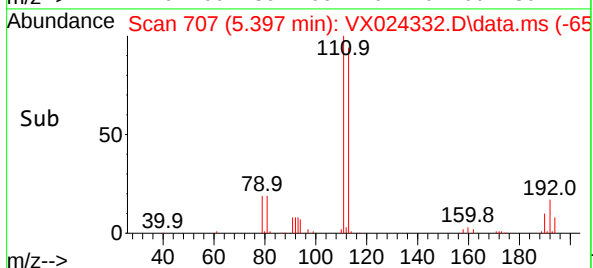
Tgt Ion: 56 Resp: 3042
Ion Ratio Lower Upper
56 100
69 166.0 25.3 37.9#
84 159.6 71.4 107.0#

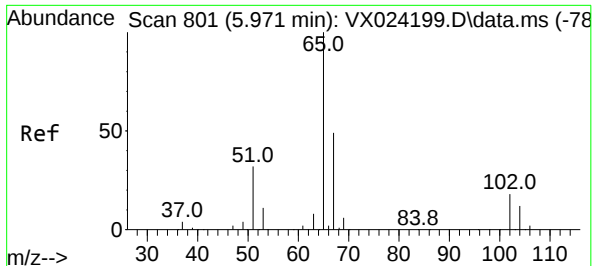


#32
1,1,1-Trichloroethane
Concen: 0.519 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024332.D
Acq: 18 Sep 2021 01:23



Tgt Ion: 97 Resp: 1292
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3#
61 32.0 34.2 51.4#



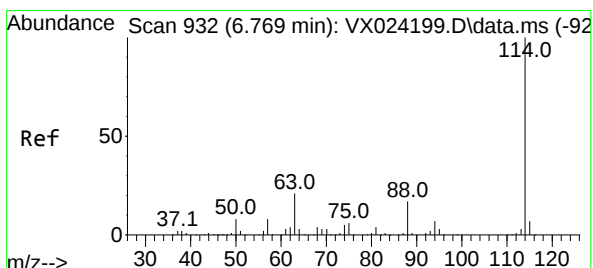
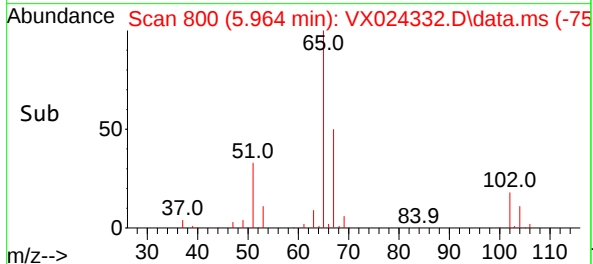
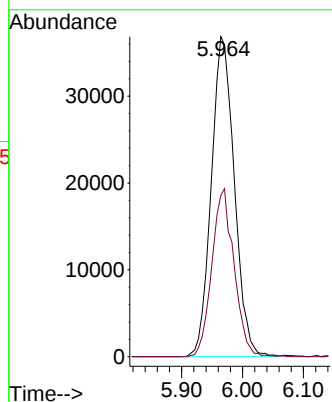
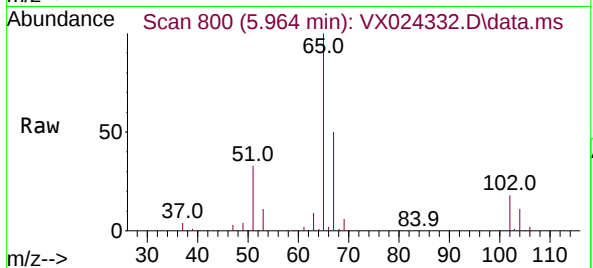


#33

1,2-Dichloroethane-d4
Concen: 50.148 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024332.D
Acq: 18 Sep 2021 01:23

Instrument :
MSVOA_X
ClientSampleId :
MW181S-20210914

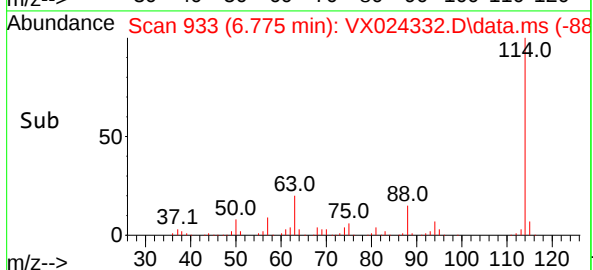
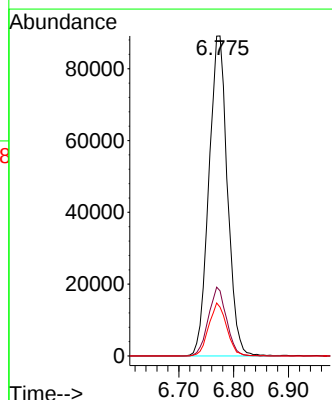
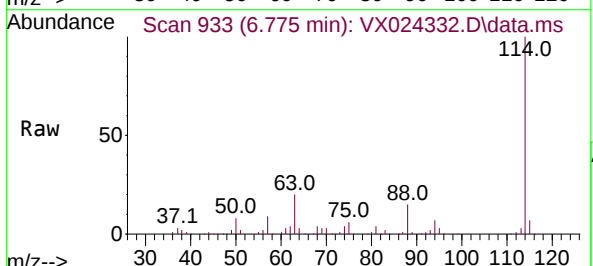
Tgt Ion: 65 Resp: 96846
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.4

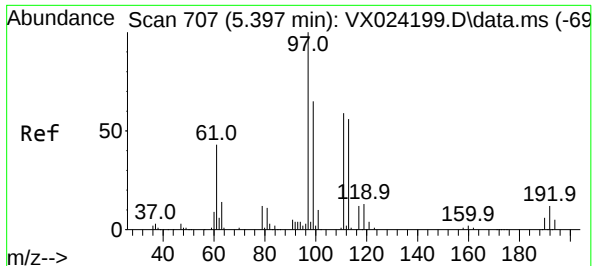


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.006 min
Lab File: VX024332.D
Acq: 18 Sep 2021 01:23

Tgt Ion: 114 Resp: 208945
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 15.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 57.572 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024332.D

Acq: 18 Sep 2021 01:23

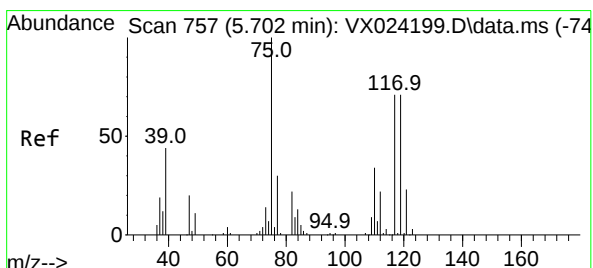
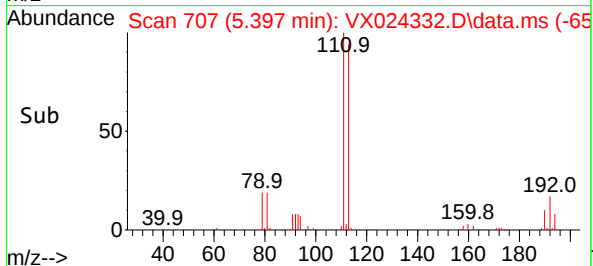
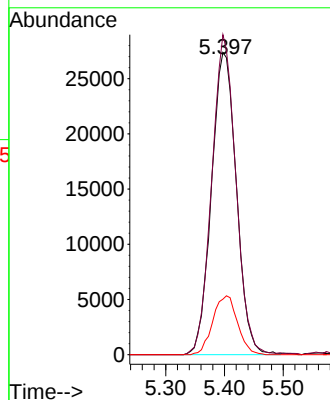
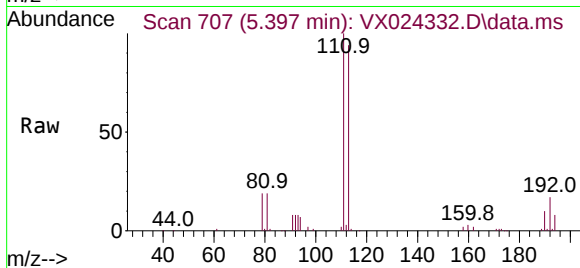
Tgt Ion:113 Resp: 80674

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

192 19.3 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.587 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX024332.D

Acq: 18 Sep 2021 01:23

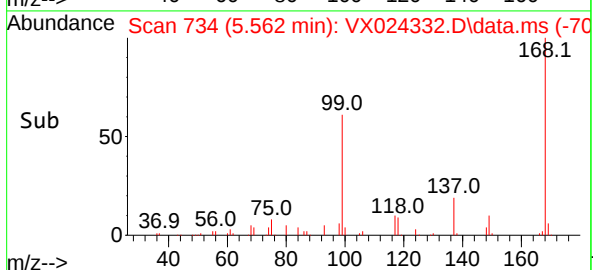
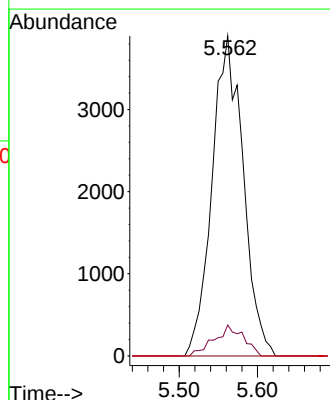
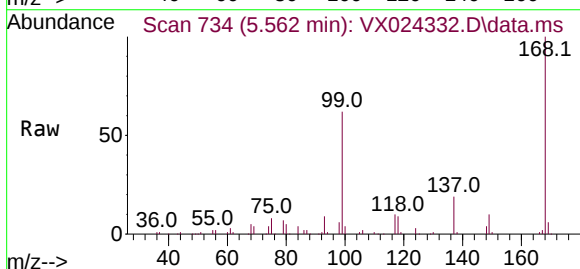
Tgt Ion: 75 Resp: 10733

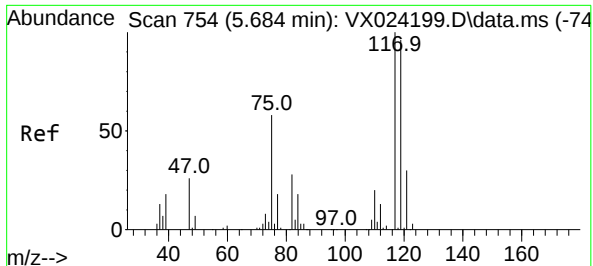
Ion Ratio Lower Upper

75 100

110 9.0 18.1 54.4#

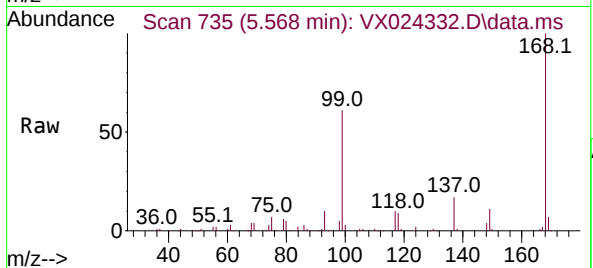
77 0.0 25.3 37.9#



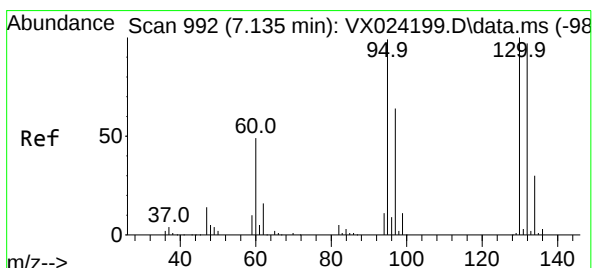
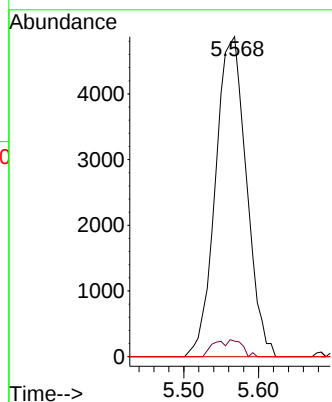
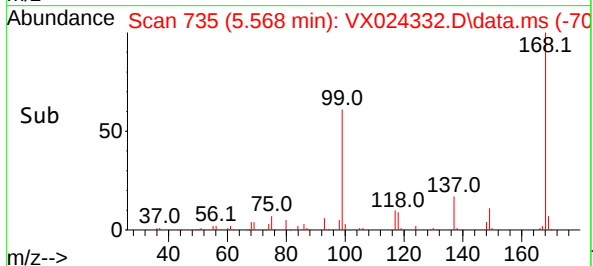


#38
Carbon Tetrachloride
Concen: 6.484 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX024332.D
Acq: 18 Sep 2021 01:23

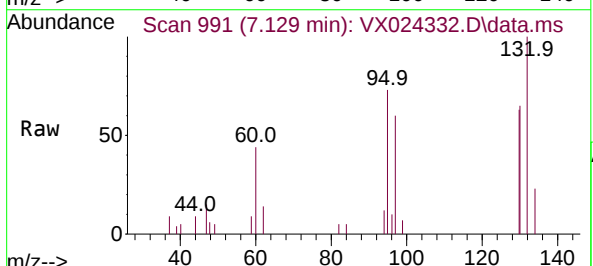
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20210914



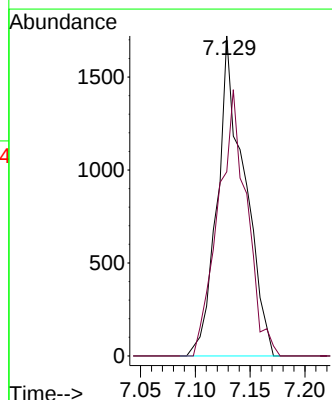
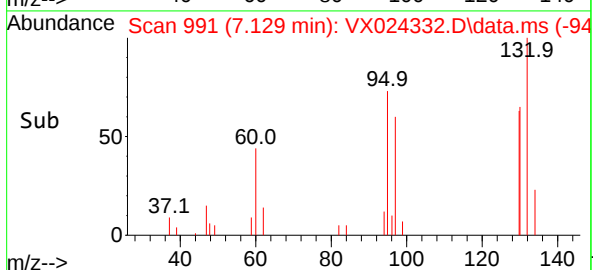
Tgt Ion:117 Resp: 14019
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#

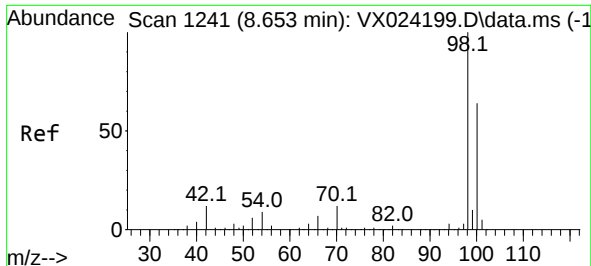


#44
Trichloroethene
Concen: 1.914 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX024332.D
Acq: 18 Sep 2021 01:23



Tgt Ion:130 Resp: 2963
Ion Ratio Lower Upper
130 100
95 57.5 0.0 198.0

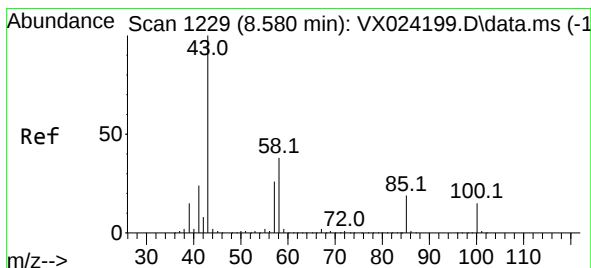
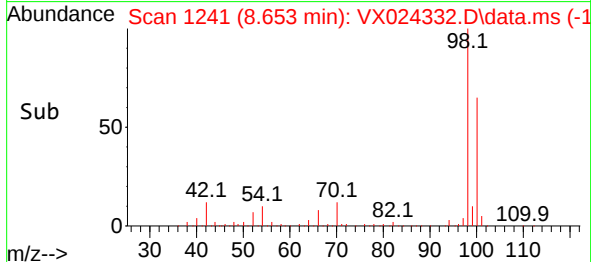
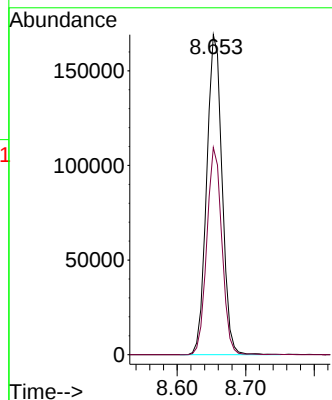
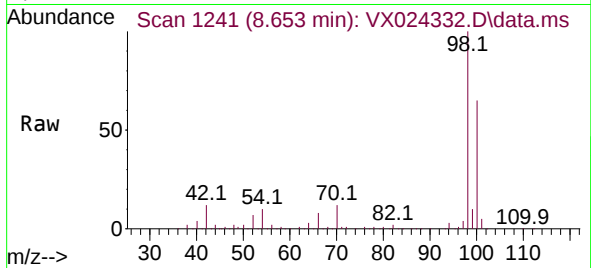




#50
Toluene-d8
Concen: 51.816 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024332.D
Acq: 18 Sep 2021 01:23

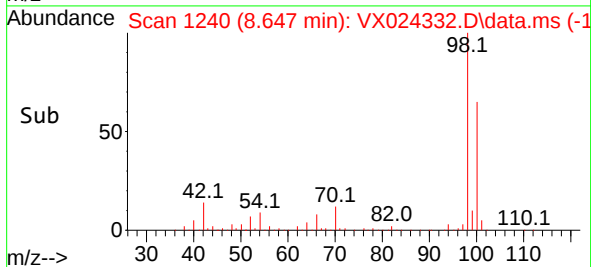
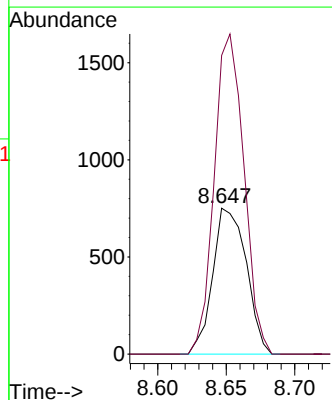
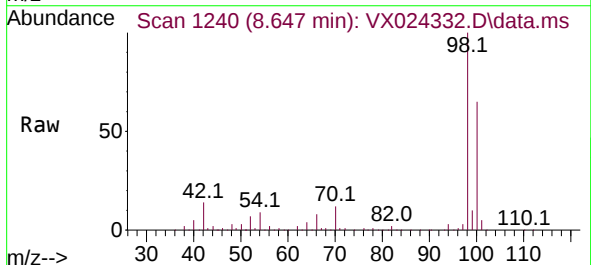
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20210914

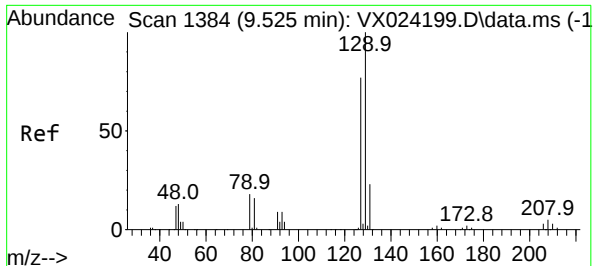
Tgt Ion: 98 Resp: 264510
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.563 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX024332.D
Acq: 18 Sep 2021 01:23

Tgt Ion: 43 Resp: 1279
Ion Ratio Lower Upper
43 100
58 194.9 35.4 53.0#





#60

Dibromochloromethane

Concen: 3.093 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX024332.D

Acq: 18 Sep 2021 01:23

Tgt Ion:129 Resp: 2470

Ion Ratio Lower Upper

129 100

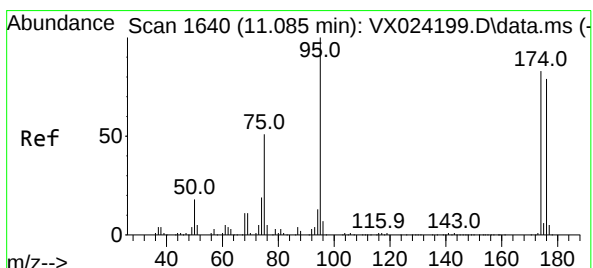
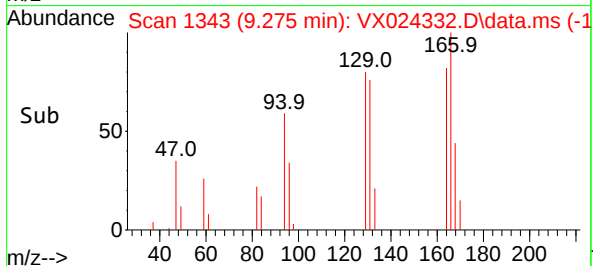
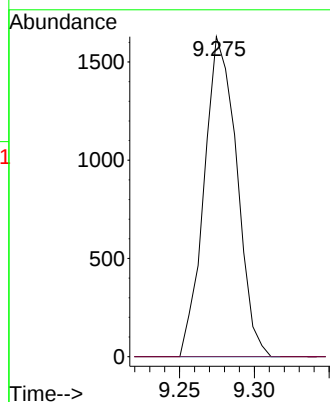
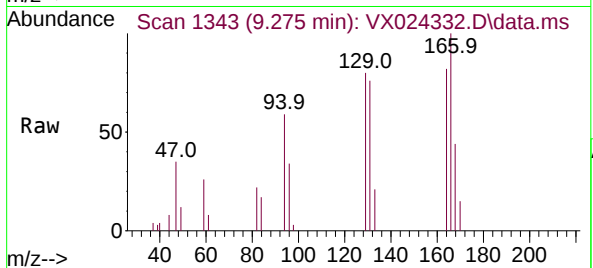
127 0.0 38.4 115.2#

Instrument :

MSVOA_X

ClientSampleId :

MW181S-20210914



#62

4-Bromofluorobenzene

Concen: 43.772 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024332.D

Acq: 18 Sep 2021 01:23

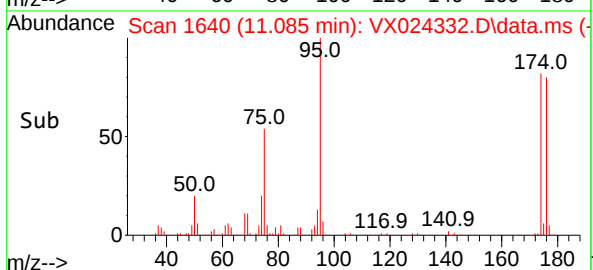
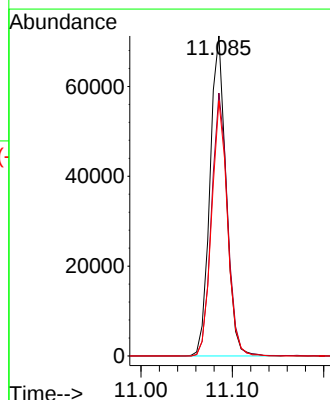
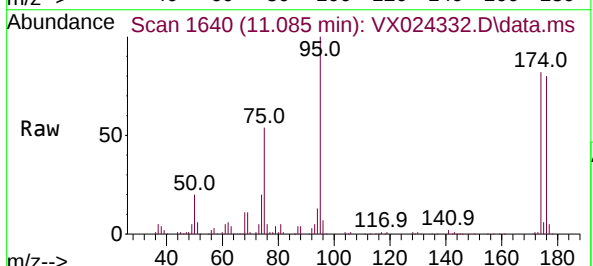
Tgt Ion: 95 Resp: 86957

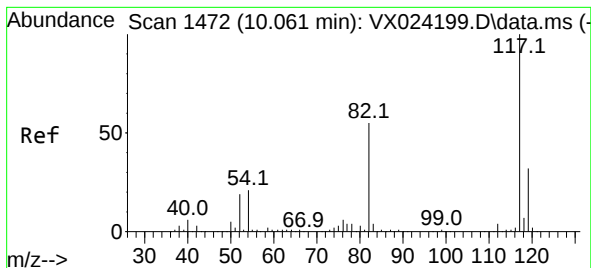
Ion Ratio Lower Upper

95 100

174 82.1 0.0 154.6

176 78.2 0.0 155.8

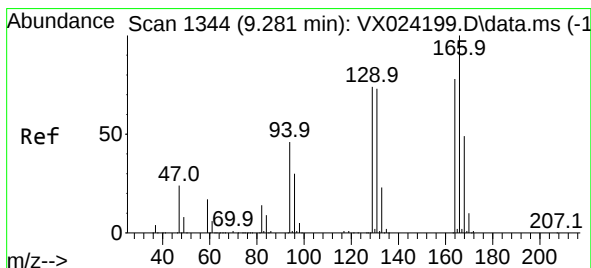
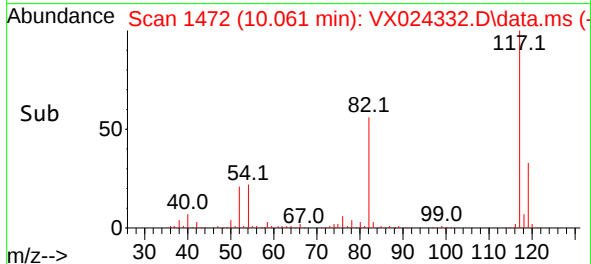
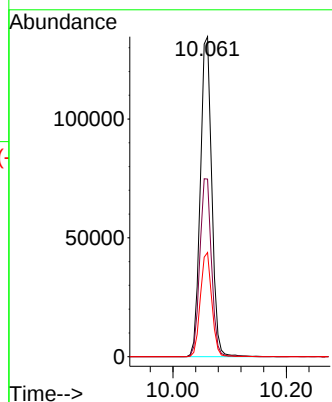
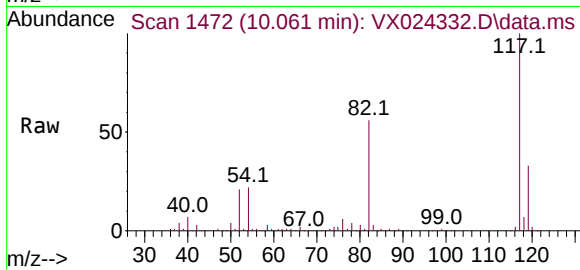




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024332.D
Acq: 18 Sep 2021 01:23

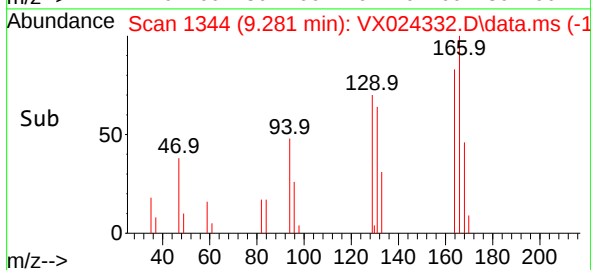
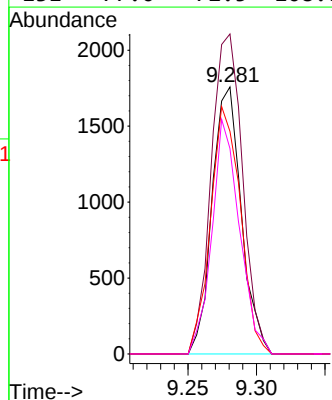
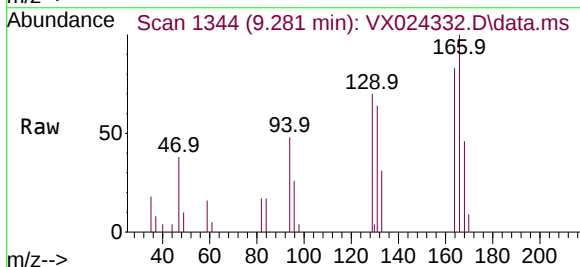
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20210914

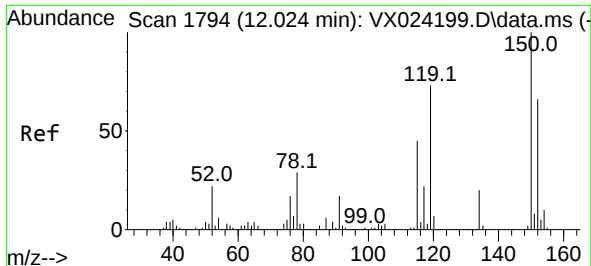
Tgt Ion:117 Resp: 188423
Ion Ratio Lower Upper
117 100
82 55.5 47.4 71.2
119 32.5 26.6 39.8



#64
Tetrachloroethene
Concen: 1.785 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX024332.D
Acq: 18 Sep 2021 01:23

Tgt Ion:164 Resp: 2605
Ion Ratio Lower Upper
164 100
166 119.9 103.4 155.2
129 83.4 70.8 106.2
131 77.0 72.5 108.7

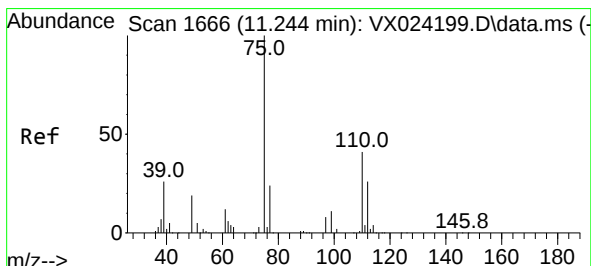
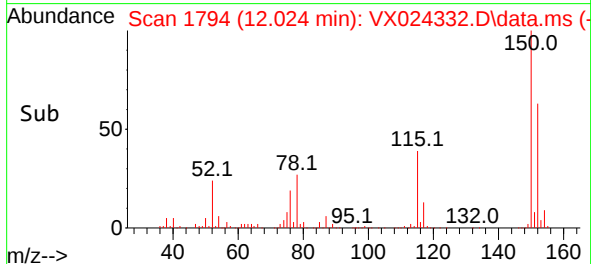
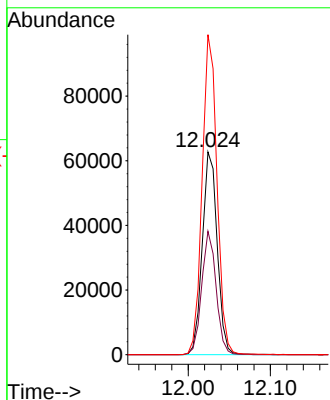
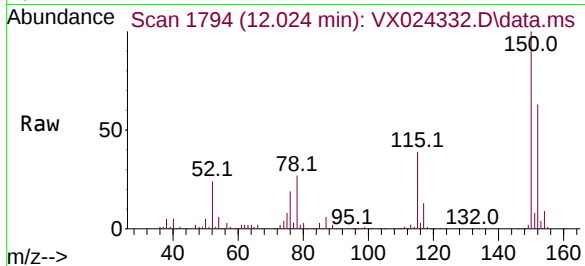




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024332.D
Acq: 18 Sep 2021 01:23

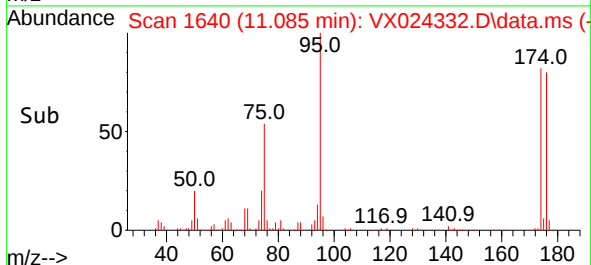
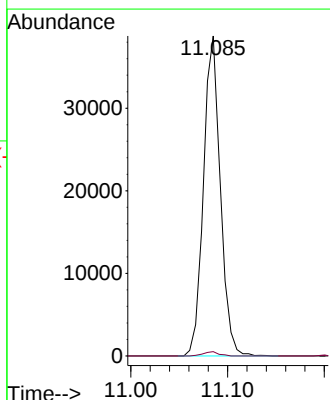
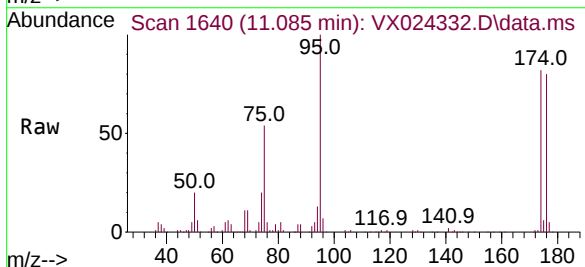
Instrument :
MSVOA_X
ClientSampleId :
MW181S-20210914

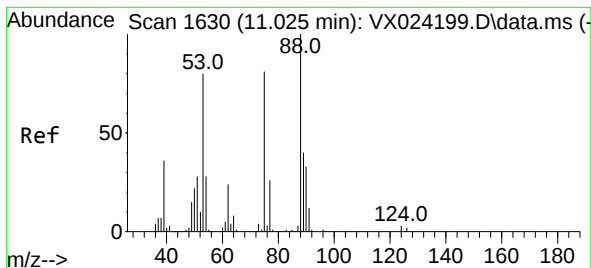
Tgt Ion:152 Resp: 79014
Ion Ratio Lower Upper
152 100
115 58.9 41.1 123.3
150 157.1 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.901 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024332.D
Acq: 18 Sep 2021 01:23

Tgt Ion: 75 Resp: 47059
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

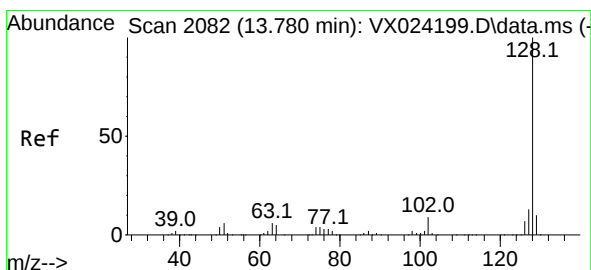
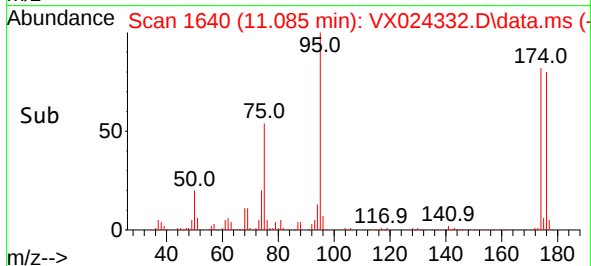
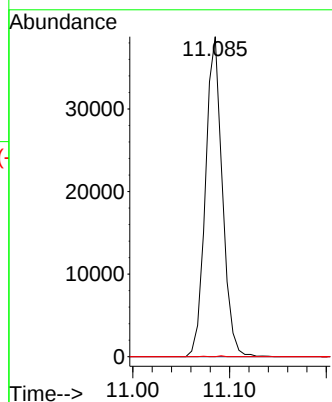
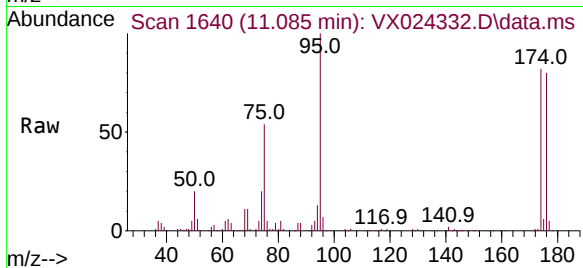




#81
trans-1,4-Dichloro-2-butene
Concen: 76.176 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024332.D
Acq: 18 Sep 2021 01:23

Instrument :
MSVOA_X
ClientSampleId :
MW181S-20210914

Tgt Ion: 75 Resp: 47059
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#



#95
Naphthalene
Concen: 1.297 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024332.D
Acq: 18 Sep 2021 01:23

Tgt Ion: 128 Resp: 56
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

