

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071621\
 Data File : VX023324.D
 Acq On : 16 Jul 2021 13:57
 Operator : JC/MD
 Sample : M3083-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-TB-20210715

Quant Time: Jul 17 02:09:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

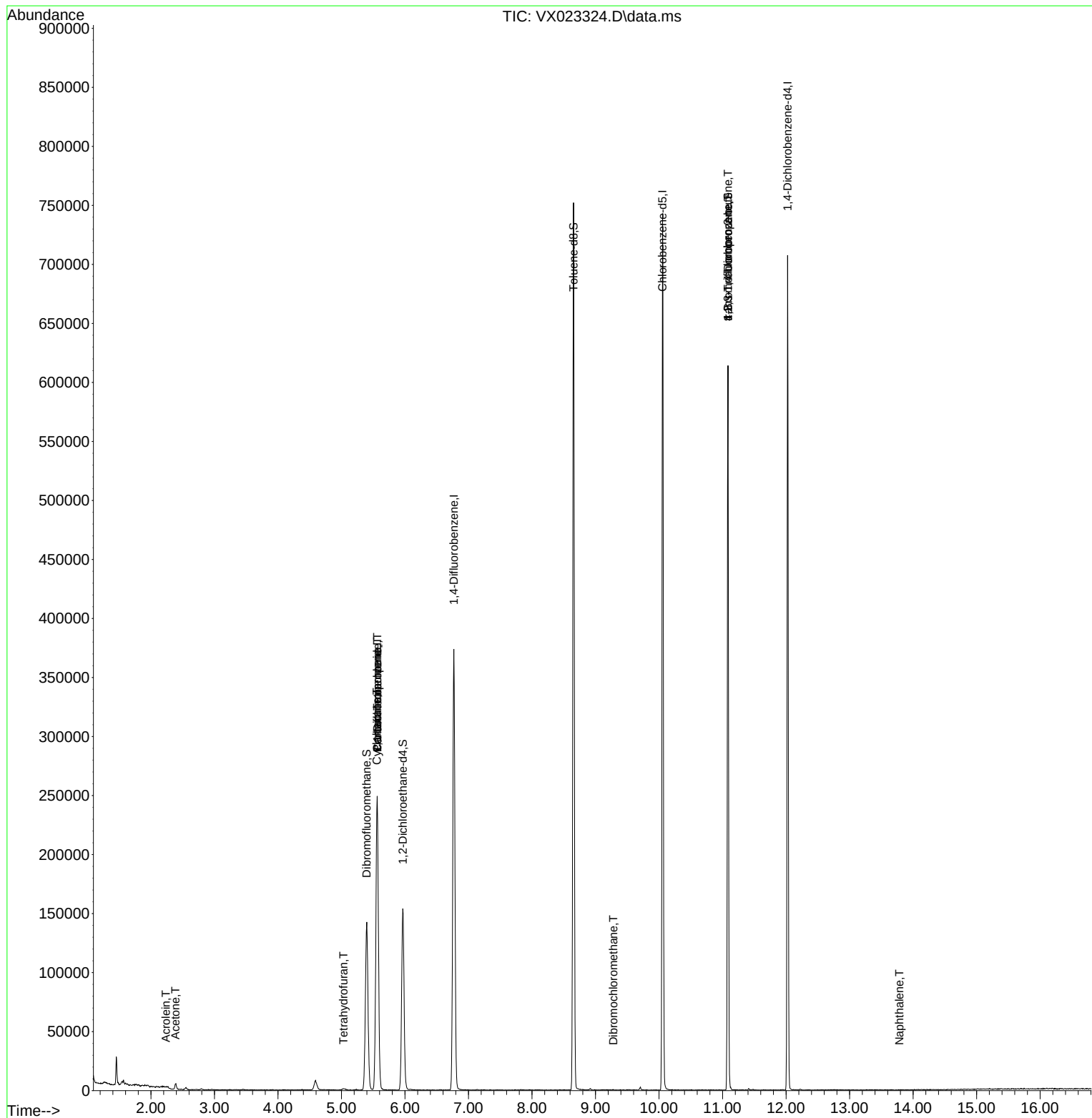
Internal Standards						
1) Pentafluorobenzene	5.562	168	229829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	373429	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	334145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	158601	51.345	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.700%		
35) Dibromofluoromethane	5.397	113	121020	50.186	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.380%		
50) Toluene-d8	8.653	98	438162	48.710	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.420%		
62) 4-Bromofluorobenzene	11.085	95	162478	46.788	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 93.580%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.581	94	41	Below Cal	#	2
13) Acrolein	2.233	56	121	0.280	ug/l #	1
16) Acetone	2.386	43	5642	4.617	ug/l #	83
29) Tetrahydrofuran	5.032	42	977	0.825	ug/l #	72
31) Cyclohexane	5.556	56	4930	1.333	ug/l #	21
36) 1,1-Dichloropropene	5.562	75	18431	5.536	ug/l #	49
38) Carbon Tetrachloride	5.562	117	24843	7.149	ug/l #	16
60) Dibromochloromethane	9.281	129	61	3.132	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	84622	29.830	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	84622	80.120	ug/l #	12
95) Naphthalene	13.786	128	106	1.285	ug/l #	69

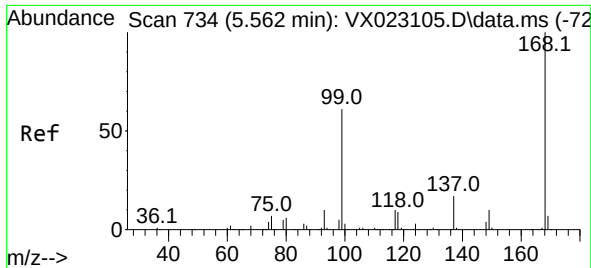
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 17 02:09:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260
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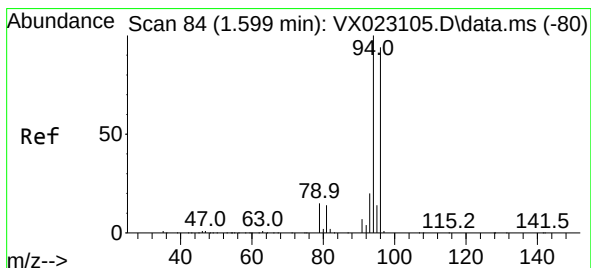
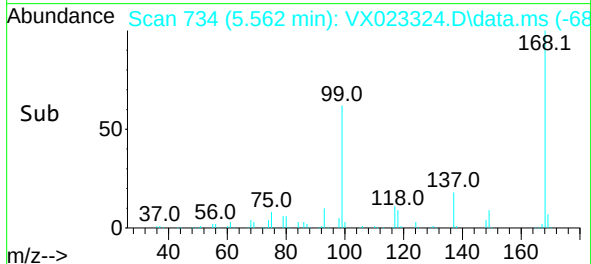
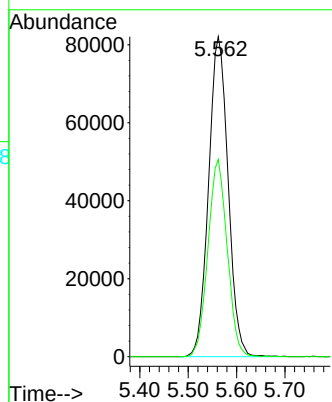
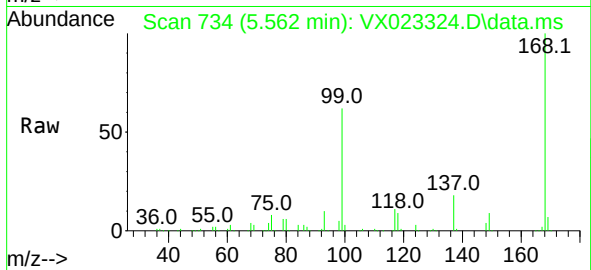




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023324.D
Acq: 16 Jul 2021 13:57

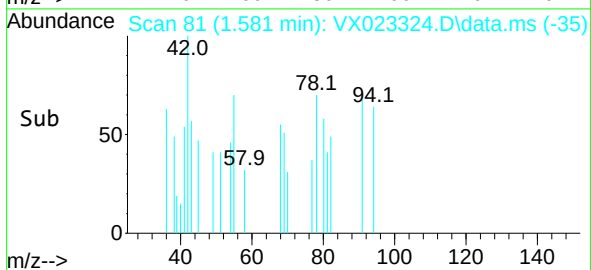
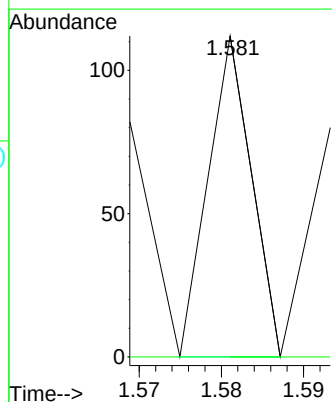
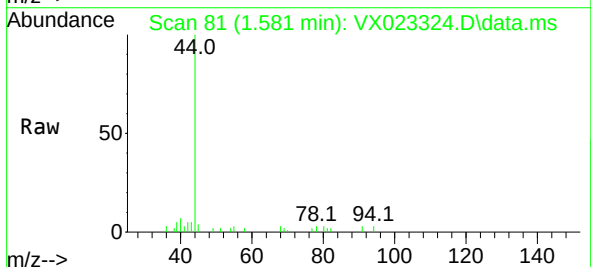
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20210715

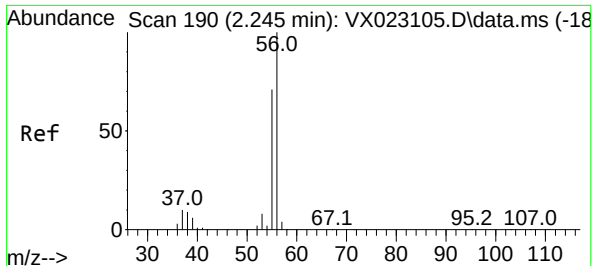
Tgt Ion:168 Resp: 229829
Ion Ratio Lower Upper
168 100
99 61.6 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.581 min Scan# 81
Delta R.T. -0.018 min
Lab File: VX023324.D
Acq: 16 Jul 2021 13:57

Tgt Ion: 94 Resp: 41
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#

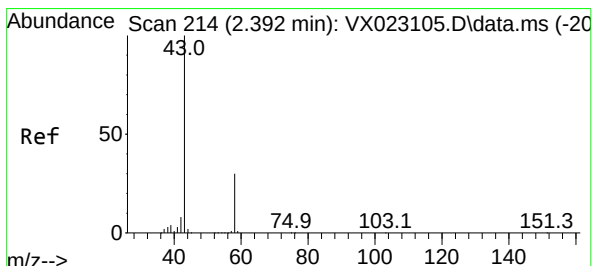
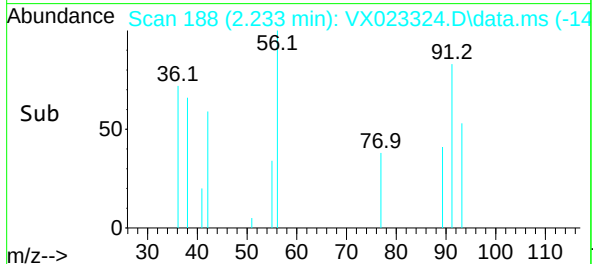
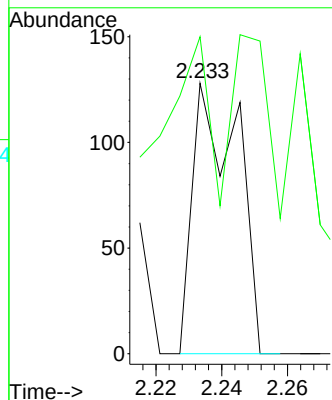
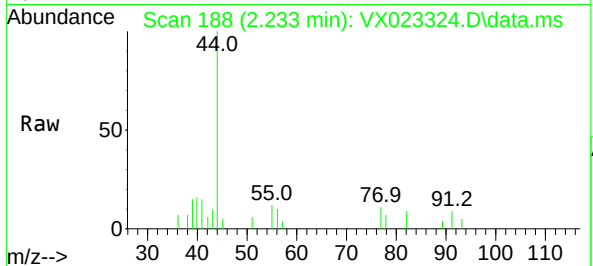




#13
Acrolein
Concen: 0.280 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.012 min
Lab File: VX023324.D
Acq: 16 Jul 2021 13:57

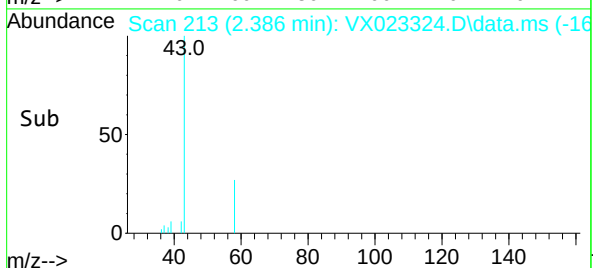
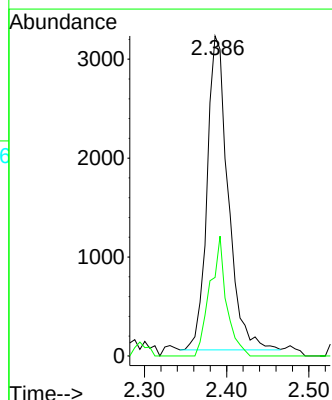
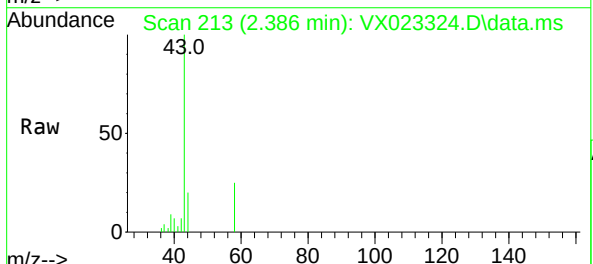
Instrument :
MSVOA_X
ClientSampled :
TT-TB-20210715

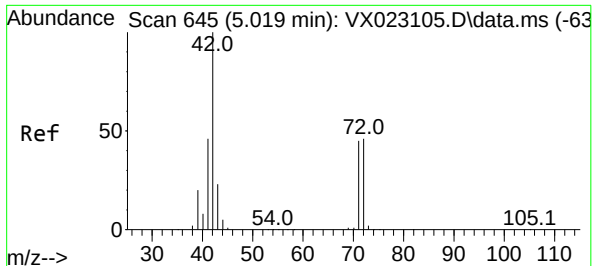
Tgt Ion: 56 Resp: 121
Ion Ratio Lower Upper
56 100
55 196.7 56.4 84.6#



#16
Acetone
Concen: 4.617 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023324.D
Acq: 16 Jul 2021 13:57

Tgt Ion: 43 Resp: 5642
Ion Ratio Lower Upper
43 100
58 25.0 27.8 41.8#





#29

Tetrahydrofuran

Concen: 0.825 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.013 min

Lab File: VX023324.D

Acq: 16 Jul 2021 13:57

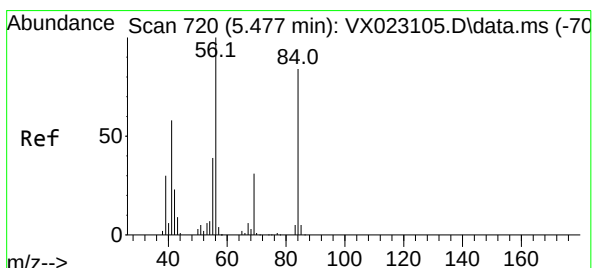
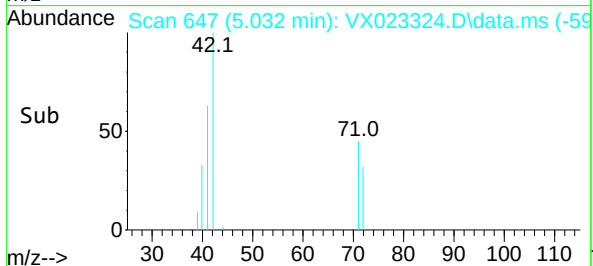
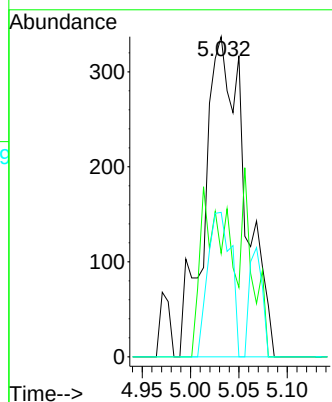
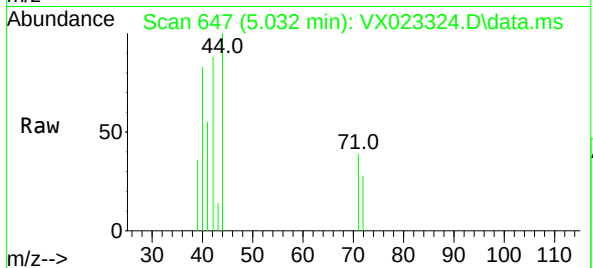
Tgt Ion: 42 Resp: 977

Ion Ratio Lower Upper

42 100

72 35.6 41.7 62.5#

71 26.1 38.4 57.6#



#31

Cyclohexane

Concen: 1.333 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX023324.D

Acq: 16 Jul 2021 13:57

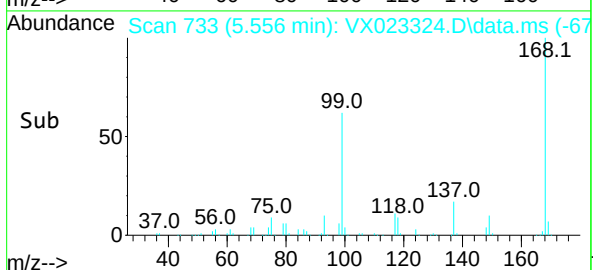
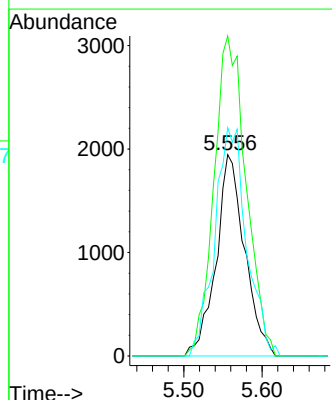
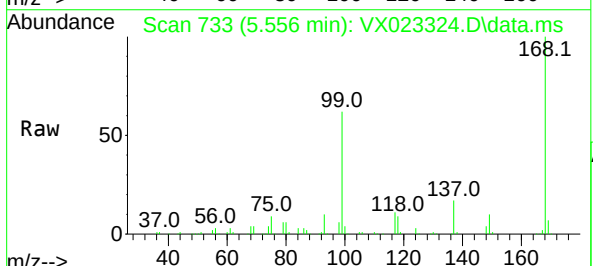
Tgt Ion: 56 Resp: 4930

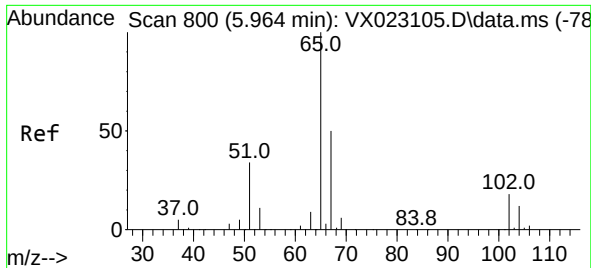
Ion Ratio Lower Upper

56 100

69 159.0 25.3 37.9#

84 113.4 71.4 107.0#

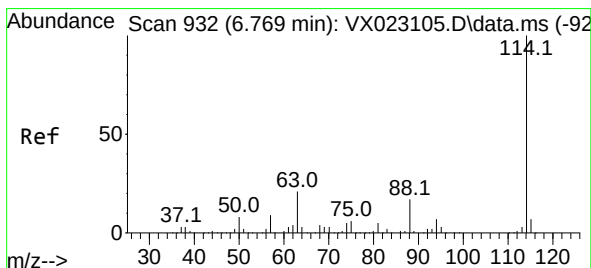
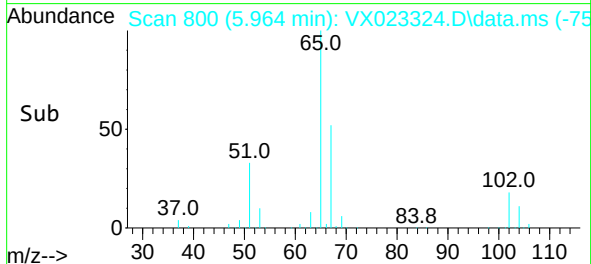
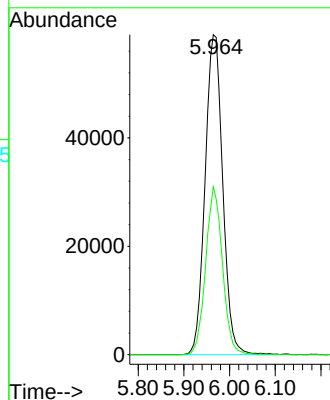
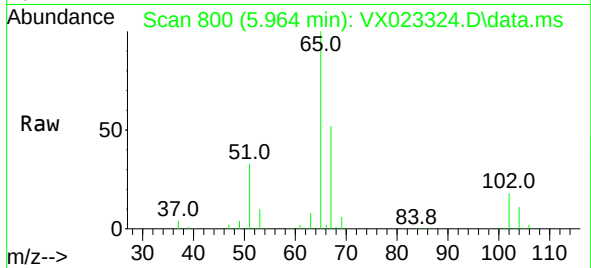




#33
1,2-Dichloroethane-d4
Concen: 51.345 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023324.D
Acq: 16 Jul 2021 13:57

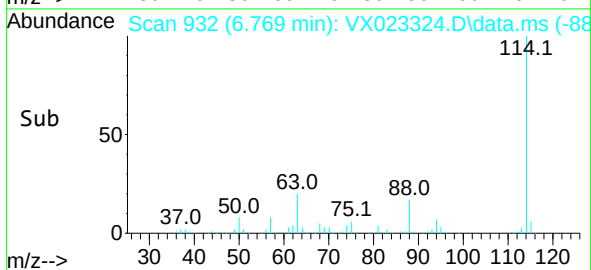
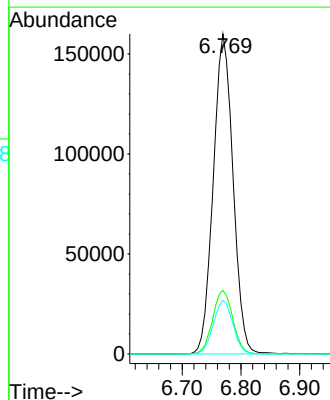
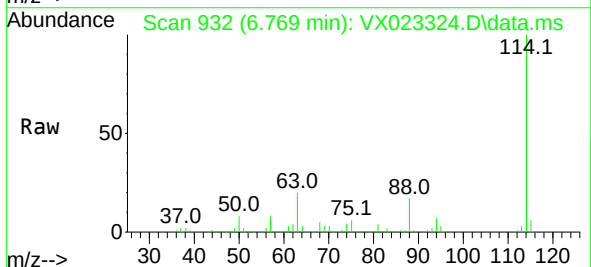
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20210715

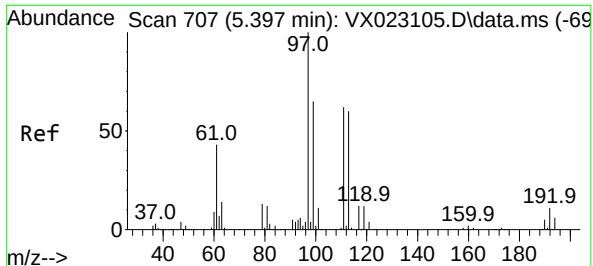
Tgt Ion: 65 Resp: 158601
Ion Ratio Lower Upper
65 100
67 49.9 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023324.D
Acq: 16 Jul 2021 13:57

Tgt Ion: 114 Resp: 373429
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.186 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023324.D

Acq: 16 Jul 2021 13:57

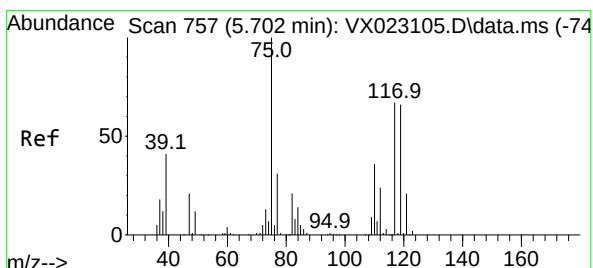
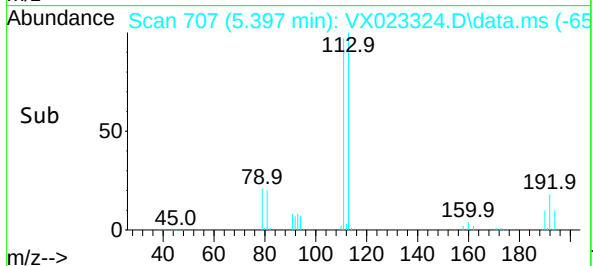
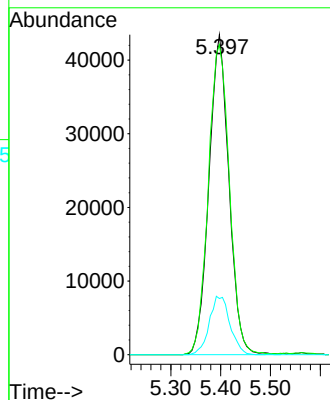
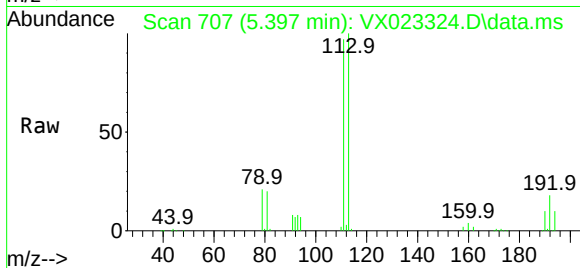
Tgt Ion:113 Resp: 121020

Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

192 18.8 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.536 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX023324.D

Acq: 16 Jul 2021 13:57

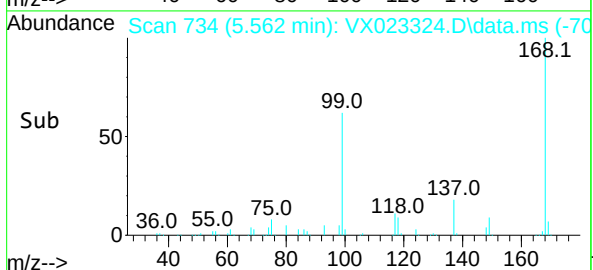
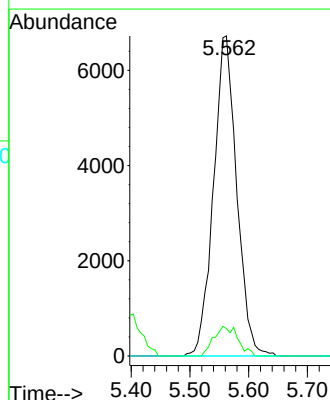
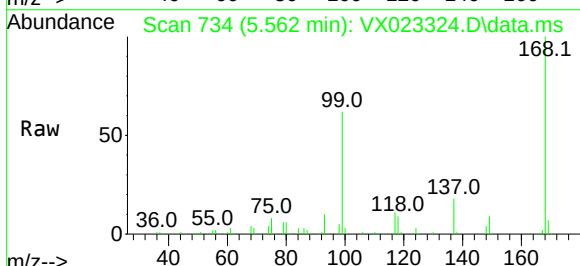
Tgt Ion: 75 Resp: 18431

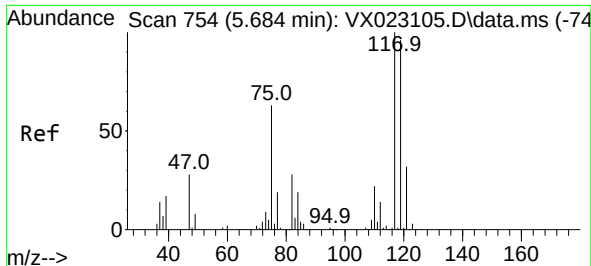
Ion Ratio Lower Upper

75 100

110 9.6 18.1 54.4#

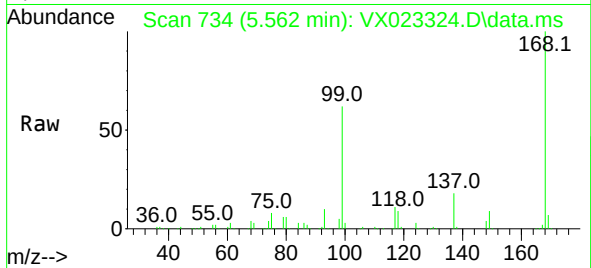
77 0.0 25.3 37.9#



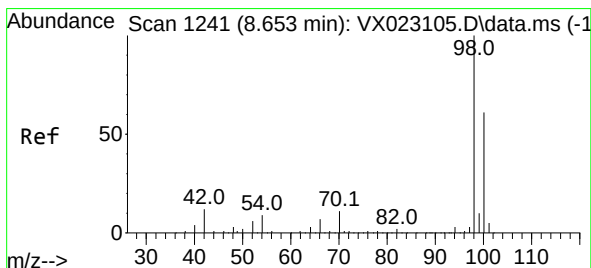
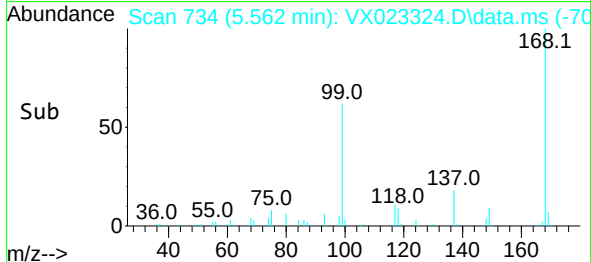
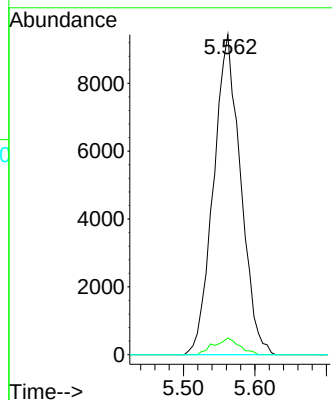


#38
Carbon Tetrachloride
Concen: 7.149 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023324.D
Acq: 16 Jul 2021 13:57

Instrument :
MSVOA_X
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TT-TB-20210715

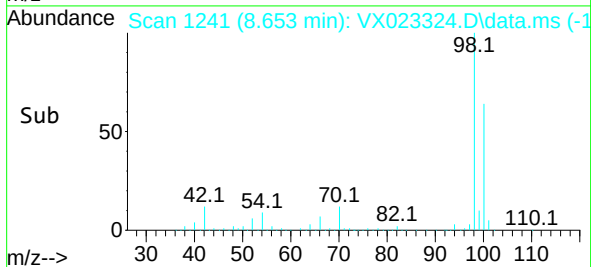
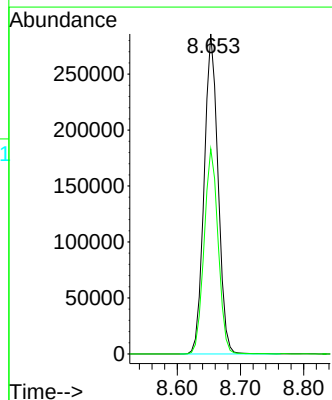
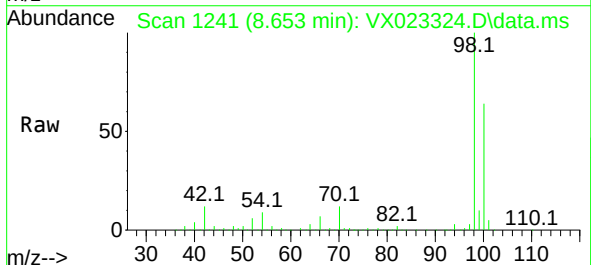


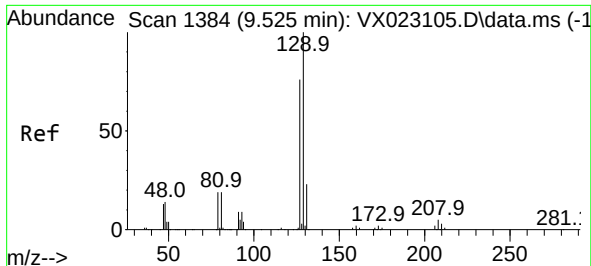
Tgt Ion:117 Resp: 24843
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.710 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023324.D
Acq: 16 Jul 2021 13:57

Tgt Ion: 98 Resp: 438162
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9

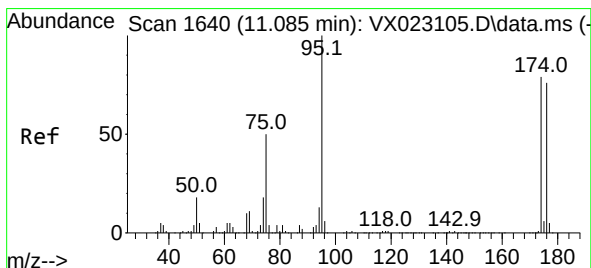
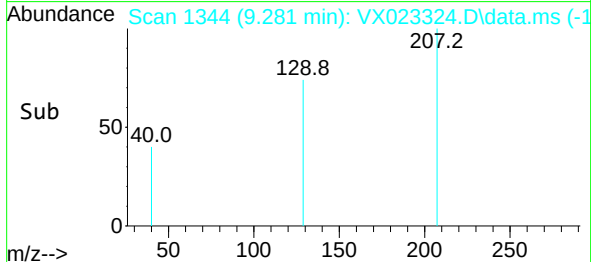
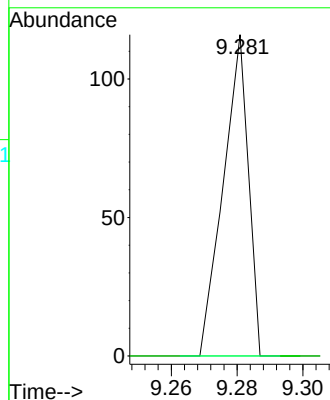
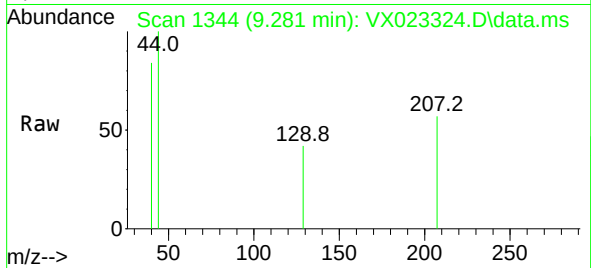




#60
Dibromochloromethane
Concen: 3.132 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX023324.D
Acq: 16 Jul 2021 13:57

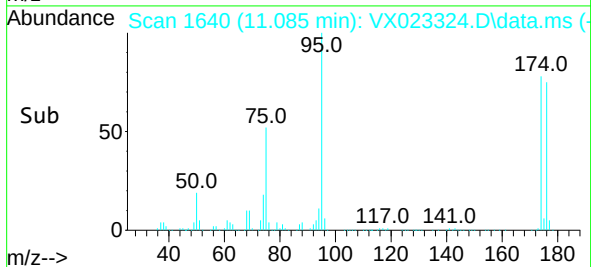
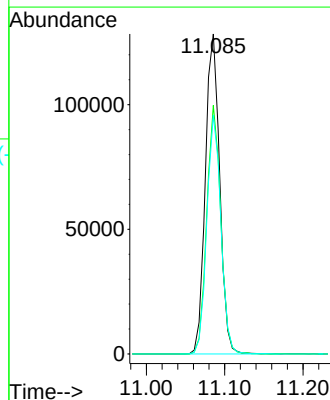
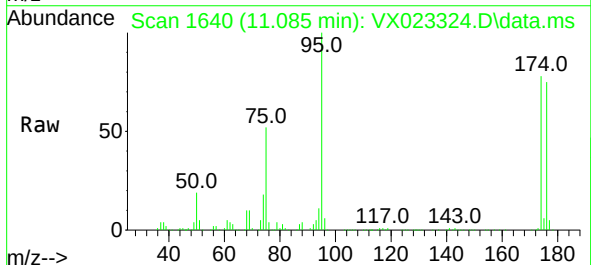
Instrument :
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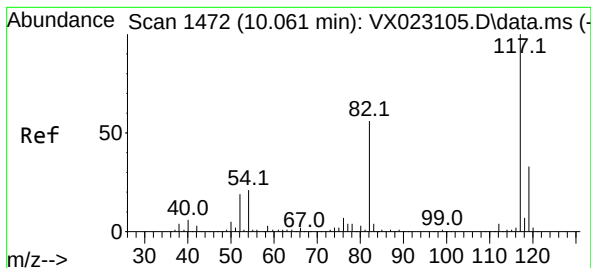
Tgt Ion:129 Resp: 61
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 46.788 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023324.D
Acq: 16 Jul 2021 13:57

Tgt Ion: 95 Resp: 162478
Ion Ratio Lower Upper
95 100
174 75.8 0.0 154.6
176 73.2 0.0 155.8

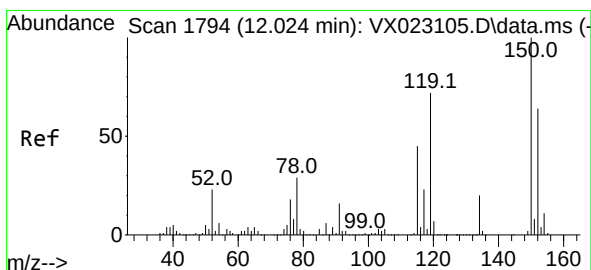
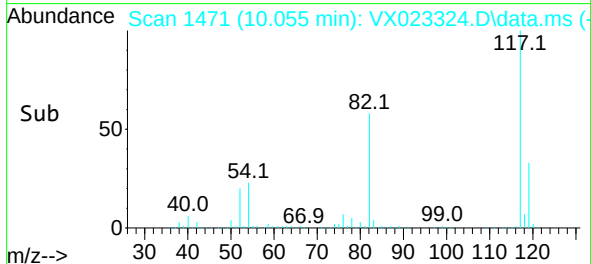
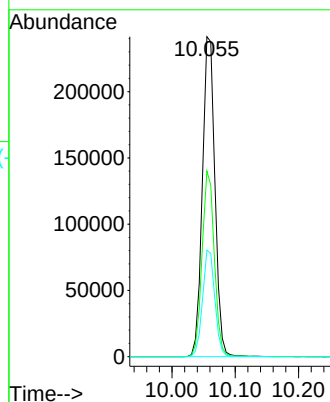
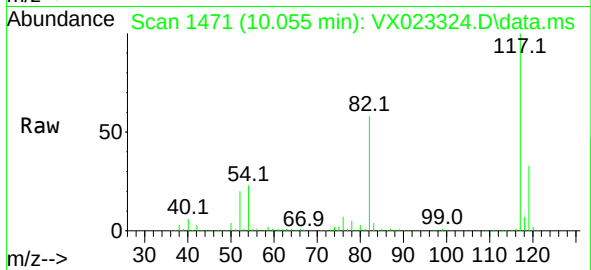




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023324.D
Acq: 16 Jul 2021 13:57

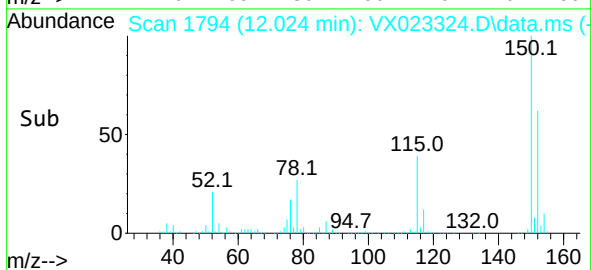
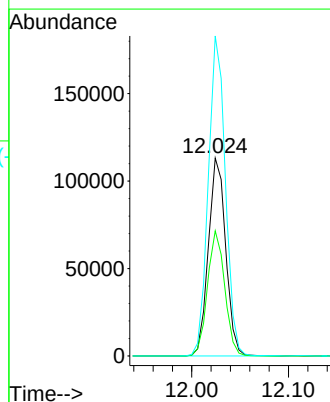
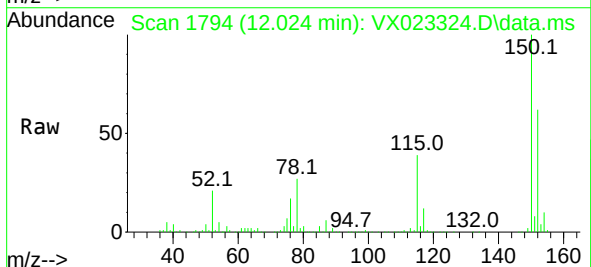
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20210715

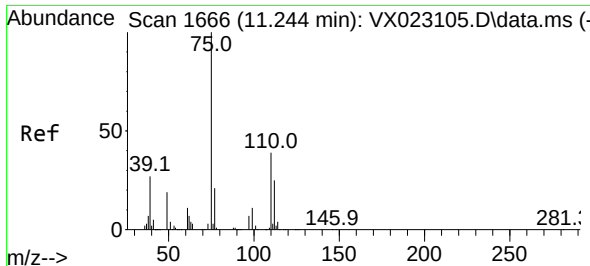
Tgt Ion:117 Resp: 334145
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 33.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023324.D
Acq: 16 Jul 2021 13:57

Tgt Ion:152 Resp: 140972
Ion Ratio Lower Upper
152 100
115 62.7 41.1 123.3
150 159.4 0.0 349.0

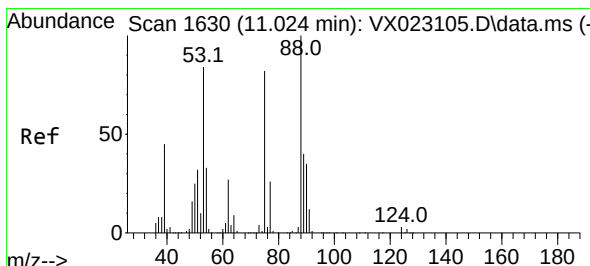
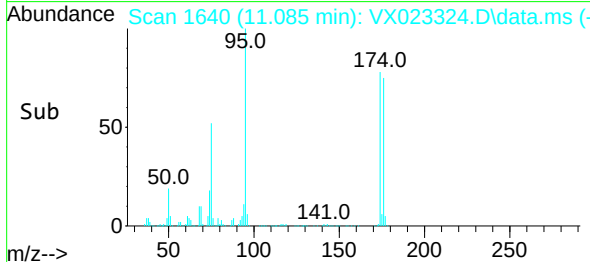
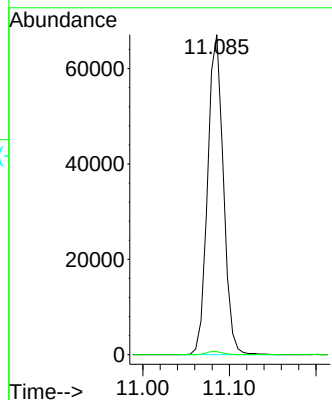
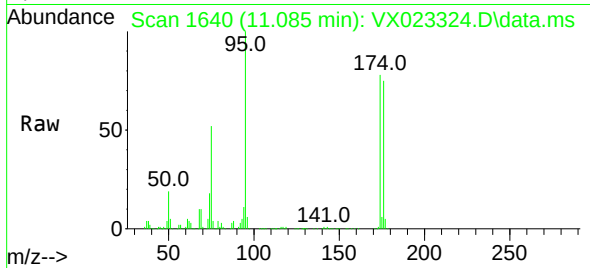




#76
1,2,3-Trichloropropane
Concen: 29.830 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023324.D
Acq: 16 Jul 2021 13:57

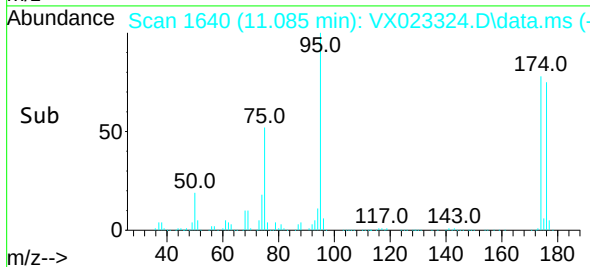
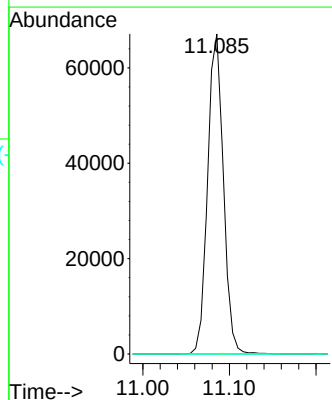
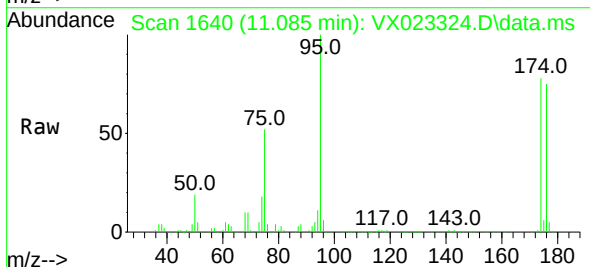
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20210715

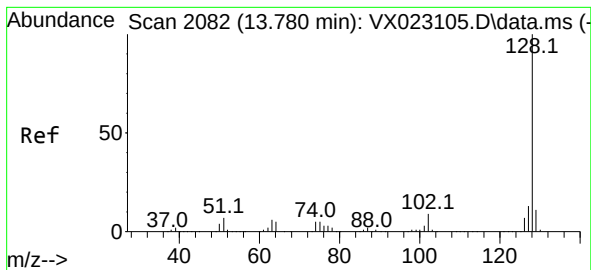
Tgt Ion: 75 Resp: 84622
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.120 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023324.D
Acq: 16 Jul 2021 13:57

Tgt Ion: 75 Resp: 84622
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#





#95
Naphthalene
Concen: 1.285 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023324.D
Acq: 16 Jul 2021 13:57

Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20210715

Tgt Ion:128 Resp: 106
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

