

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050721\
 Data File : VW021320.D
 Acq On : 07 May 2021 12:33
 Operator : SY/MD
 Sample : M2250-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2021-06

Manual Integrations
 APPROVED

MMDadoda
 5/11/2021 1:52:42 PM

Quant Time: May 08 00:48:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 08 00:36:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	681751	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	654531	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	346436	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	150854	49.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 99.76%			
7) Chloroethane-d5	1.568	69	135614	50.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.36%			
11) 1,1-Dichloroethene-d2	2.108	63	296541	35.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.30%			
21) 2-Butanone-d5	3.908	46	210252	86.64	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 86.64%			
24) Chloroform-d	4.352	84	432843	44.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.94%			
26) 1,2-Dichloroethane-d4	5.037	65	333541	46.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.58%			
32) Benzene-d6	5.053	84	733243	48.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.28%			
36) 1,2-Dichloropropane-d6	6.072	67	187161	48.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.68%			
41) Toluene-d8	7.320	98	724650	46.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.78%			
43) trans-1,3-Dichloroprop...	7.625	79	124578	43.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.52%			
47) 2-Hexanone-d5	8.095	63	144435	80.77	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 80.77%			
56) 1,1,2,2-Tetrachloroeth...	10.220	84	263333	42.50	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 85.00%			
66) 1,2-Dichlorobenzene-d4	11.632	152	317090	46.45	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.90%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	13102	2.38	ug/L	98
3) Chloromethane	1.243	50	8859	2.68	ug/L	98
5) Vinyl chloride	1.311	62	10591	2.57	ug/L #	69
6) Bromomethane	1.523	94	8858	2.73	ug/L	84
8) Chloroethane	1.587	64	6507	2.44	ug/L	98
9) Trichlorofluoromethane	1.754	101	25755	2.38	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	14319	3.00	ug/L	90
12) 1,1-Dichloroethene	2.118	96	13194	3.09	ug/L #	1
13) Acetone	2.214	43	16409m	5.72	ug/L	
14) Carbon disulfide	2.294	76	25078	2.34	ug/L	99
15) Methyl Acetate	2.449	43	7548	2.18	ug/L	100
16) Methylene chloride	2.510	84	12193	2.79	ug/L	88
17) trans-1,2-Dichloroethene	2.764	96	10217	2.39	ug/L	82
18) Methyl tert-butyl Ether	2.777	73	39773	2.60	ug/L #	93
19) 1,1-Dichloroethane	3.195	63	18699	2.53	ug/L	97
20) cis-1,2-Dichloroethene	3.918	96	12011m	2.56	ug/L	
22) 2-Butanone	4.002	43	14513m	5.30	ug/L	
23) Bromochloromethane	4.259	128	5631	2.09	ug/L #	70
25) Chloroform	4.378	83	30597m	3.14	ug/L	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050721\
 Data File : VW021320.D
 Acq On : 07 May 2021 12:33
 Operator : SY/MD
 Sample : M2250-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2021-06

Manual Integrations
 APPROVED

MMDadoda
 5/11/2021 1:52:42 PM

Quant Time: May 08 00:48:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 08 00:36:06 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	20174	2.27	ug/L #	95
29) Cyclohexane	4.680	56	13745	2.50	ug/L	86
30) 1,1,1-Trichloroethane	4.616	97	26922	2.63	ug/L #	55
31) Carbon tetrachloride	4.831	117	26018	2.74	ug/L	93
33) Benzene	5.108	78	41852	2.50	ug/L	100
34) Trichloroethene	5.921	95	13338	2.48	ug/L	88
35) Methylcyclohexane	6.137	83	16356	2.32	ug/L #	69
37) 1,2-Dichloropropane	6.185	63	8367	2.37	ug/L	99
38) Bromodichloromethane	6.519	83	17795	2.37	ug/L	90
39) cis-1,3-Dichloropropene	7.037	75	12847	1.86	ug/L	94
40) 4-Methyl-2-pentanone	7.236	43	23820	4.76	ug/L #	87
42) Toluene	7.394	91	54207	2.78	ug/L	99
44) trans-1,3-Dichloropropene	7.661	75	19069	2.53	ug/L	97
45) 1,1,2-Trichloroethane	7.844	97	10662	2.35	ug/L	88
46) Tetrachloroethene	7.982	164	11784	2.54	ug/L	96
48) 2-Hexanone	8.149	43	36347	9.03	ug/L #	61
49) Dibromochloromethane	8.252	129	16030	2.49	ug/L	97
50) 1,2-Dibromoethane	8.355	107	12323	2.41	ug/L #	98
51) Chlorobenzene	8.889	112	34069	2.53	ug/L	91
52) Ethylbenzene	9.021	91	52510	2.33	ug/L	95
53) m,p-Xylene	9.146	106	21424	2.42	ug/L	95
54) o-Xylene	9.551	106	21498	2.52	ug/L	86
55) Styrene	9.571	104	31043	2.14	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.246	83	15690	2.56	ug/L #	74
59) Bromoform	9.741	173	10751	2.32	ug/L #	90
60) Isopropylbenzene	9.937	105	51957	2.35	ug/L	98
61) 1,2,3-Trichloropropane	10.278	75	16404	2.90	ug/L	92
62) 1,3,5-Trimethylbenzene	10.545	105	47286	2.44	ug/L	94
63) 1,2,4-Trimethylbenzene	10.921	105	44064	2.26	ug/L	94
64) 1,3-Dichlorobenzene	11.194	146	29139	2.71	ug/L	95
65) 1,4-Dichlorobenzene	11.278	146	25709	2.34	ug/L	92
67) 1,2-Dichlorobenzene	11.651	146	32105	2.96	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.435	75	4245	2.15	ug/L	90
69) 1,3,5-Trichlorobenzene	12.654	180	19677m	2.36	ug/L	
70) 1,2,4-trichlorobenzene	13.275	180	13911	2.05	ug/L	92
71) Naphthalene	13.516	128	27921	1.50	ug/L	99
72) 1,2,3-Trichlorobenzene	13.754	180	13207	1.93	ug/L #	92

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

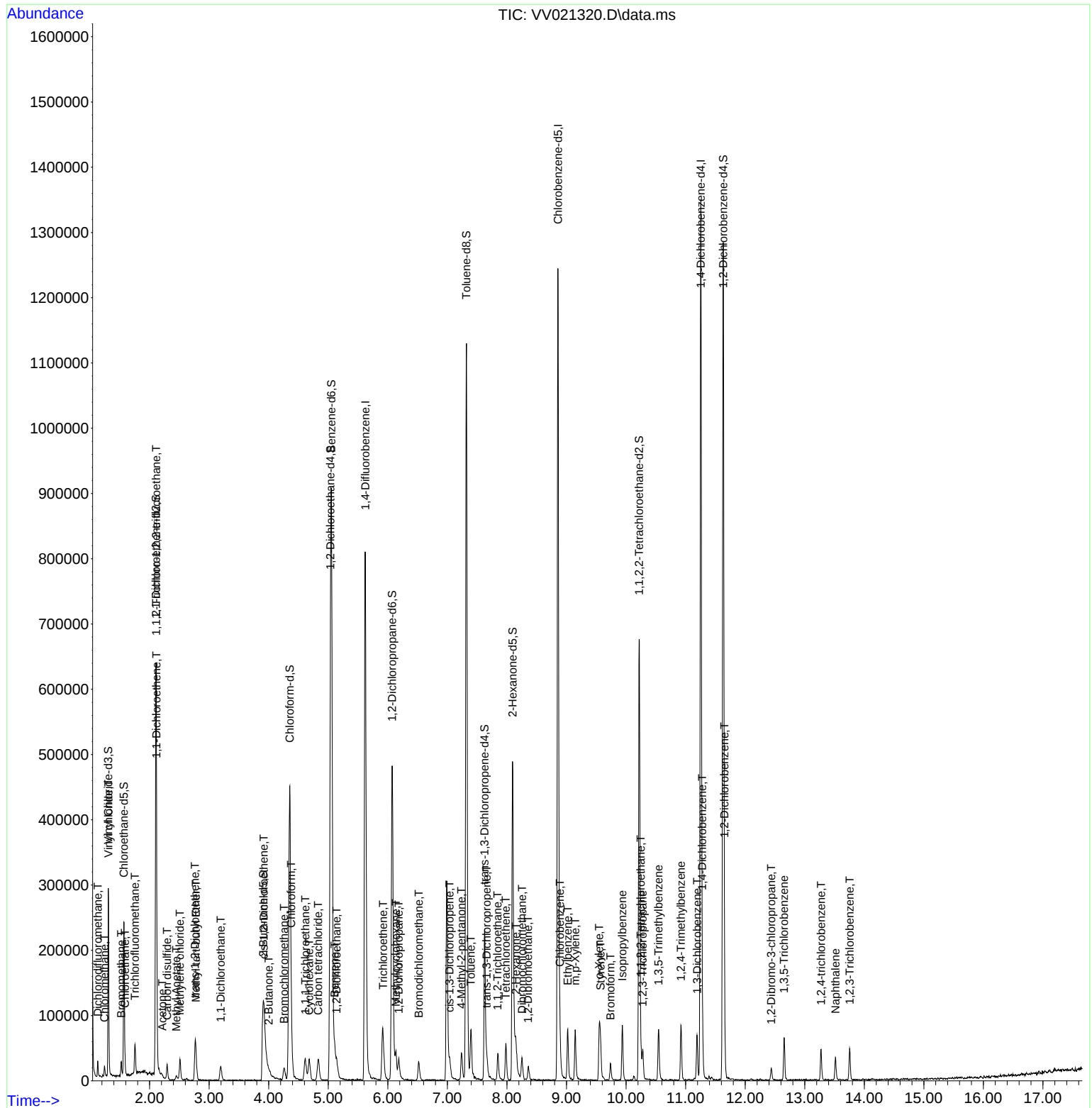
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
 Data File : VV021320.D
 Acq On : 07 May 2021 12:33
 Operator : SY/MD
 Sample : M2250-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

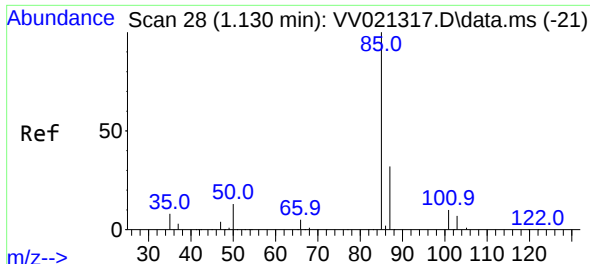
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2021-06

Manual Integrations
 APPROVED

MMDadoda
 5/11/2021 1:52:42 PM

Quant Time: May 08 00:48:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 08 00:36:06 2021
 Response via : Initial Calibration





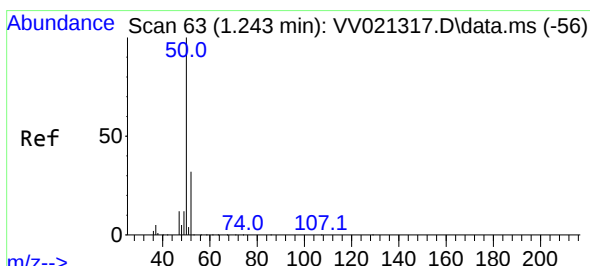
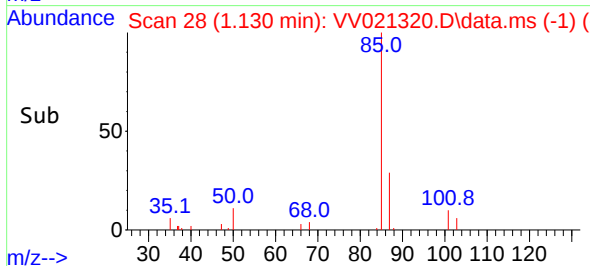
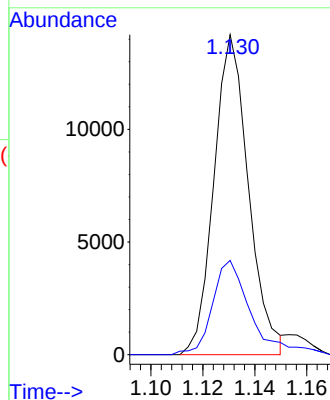
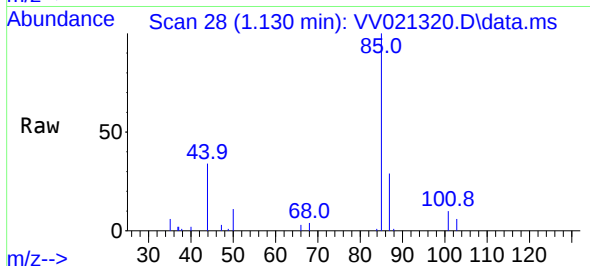
#2
 Dichlorodifluoromethane
 Concen: 2.38 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV021320.D
 Acq: 07 May 2021 12:33

Tgt Ion: 85 Resp: 13102
 Ion Ratio Lower Upper
 85 100
 87 31.3 25.8 38.8

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2021-06

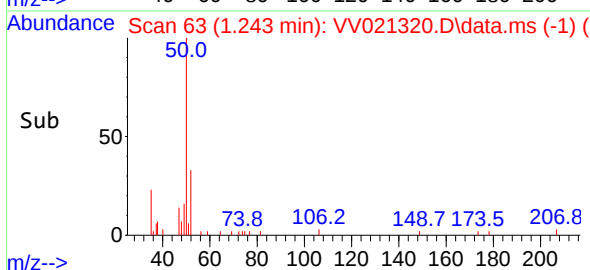
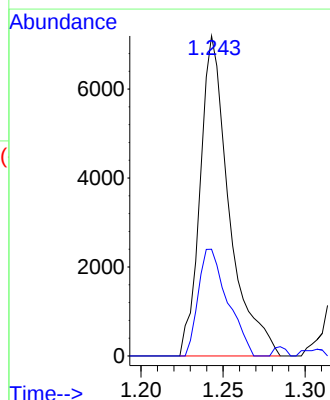
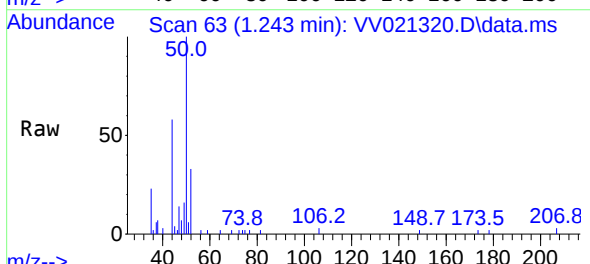
Manual Integrations
 APPROVED

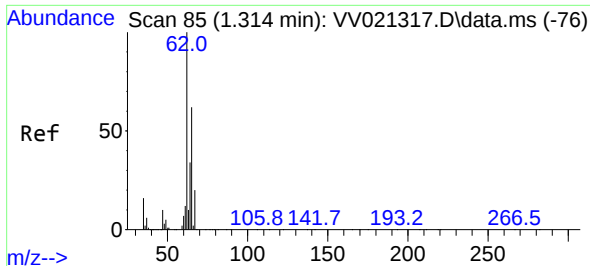
MMDadoda
 5/11/2021 1:52:42 PM



#3
 Chloromethane
 Concen: 2.68 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV021320.D
 Acq: 07 May 2021 12:33

Tgt Ion: 50 Resp: 8859
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.7 42.1





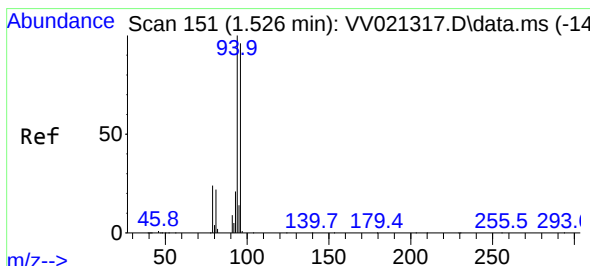
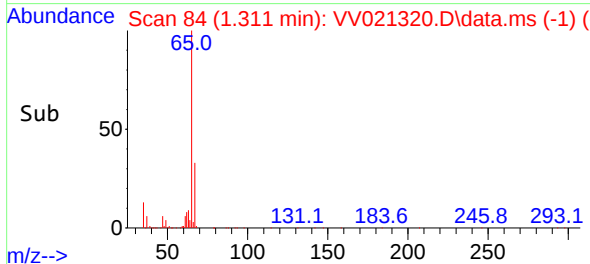
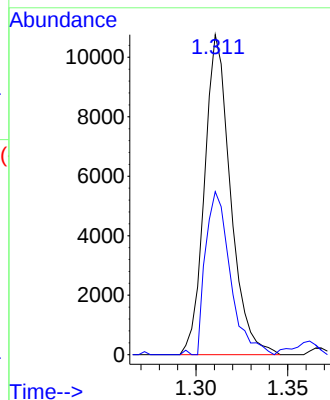
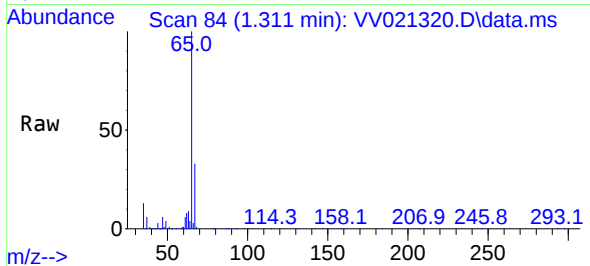
#5
 Vinyl chloride
 Concen: 2.57 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV021320.D
 Acq: 07 May 2021 12:33

Tgt Ion: 62 Resp: 10591
 Ion Ratio Lower Upper
 62 100
 64 50.9 23.2 43.2#

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2021-06

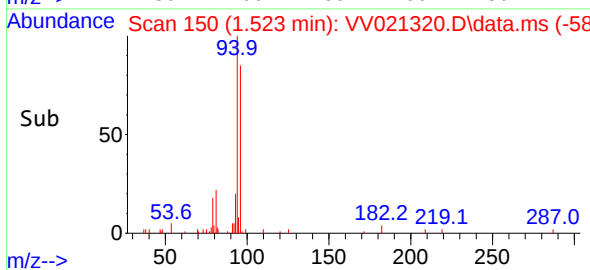
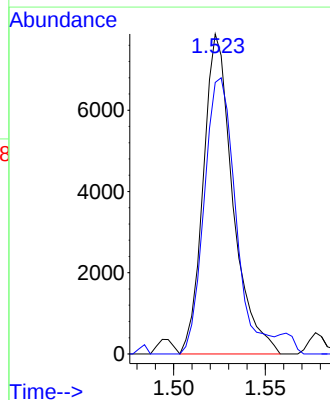
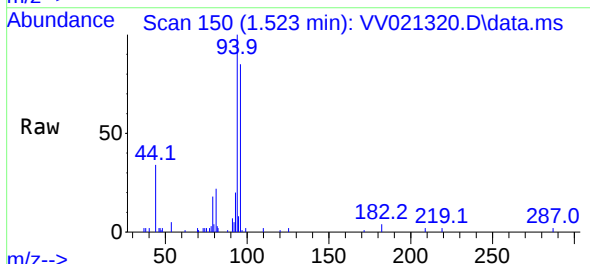
Manual Integrations
 APPROVED

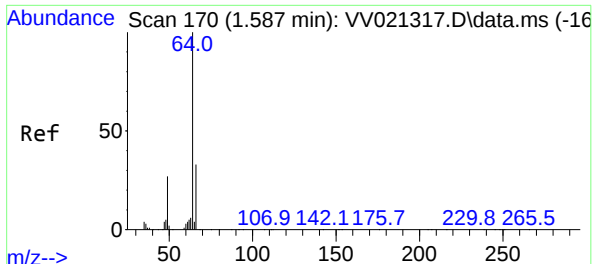
MMDadoda
 5/11/2021 1:52:42 PM



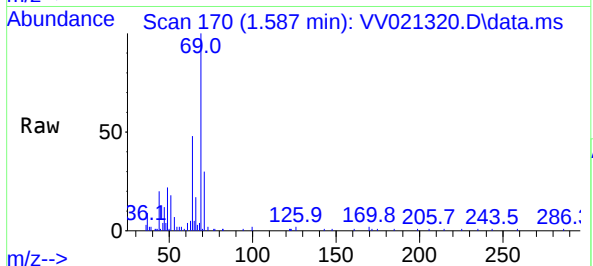
#6
 Bromomethane
 Concen: 2.73 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV021320.D
 Acq: 07 May 2021 12:33

Tgt Ion: 94 Resp: 8858
 Ion Ratio Lower Upper
 94 100
 96 78.9 65.7 122.1

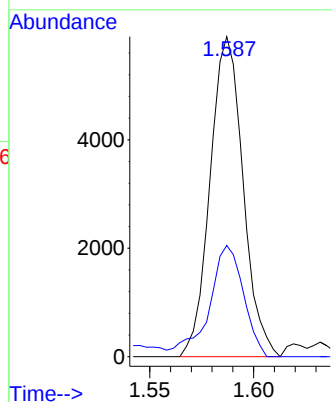




#8
Chloroethane
Concen: 2.44 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33



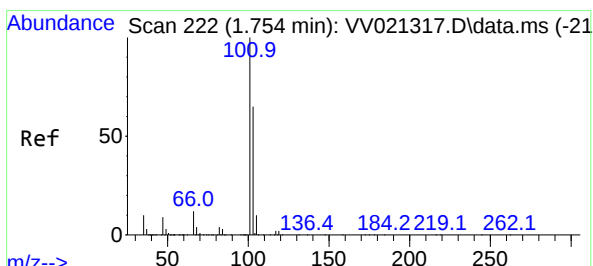
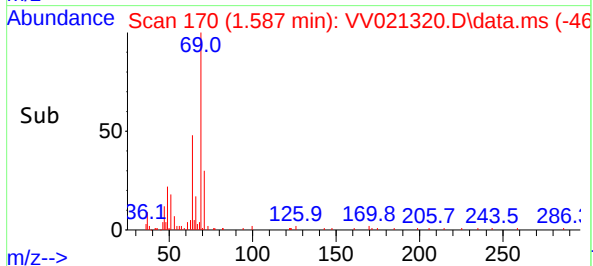
Tgt Ion: 64 Resp: 6507
Ion Ratio Lower Upper
64 100
66 34.8 23.7 43.9



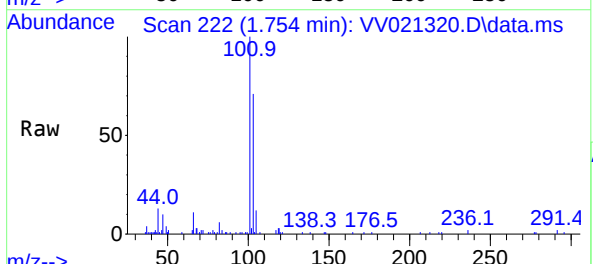
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-06

Manual Integrations
APPROVED

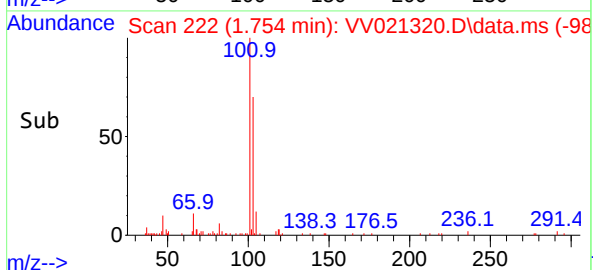
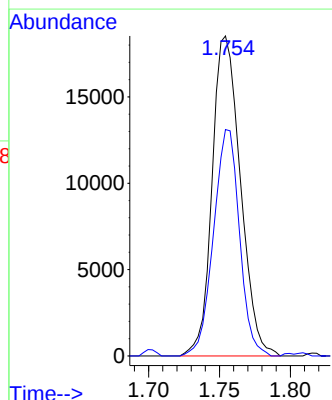
MMDadoda
5/11/2021 1:52:42 PM

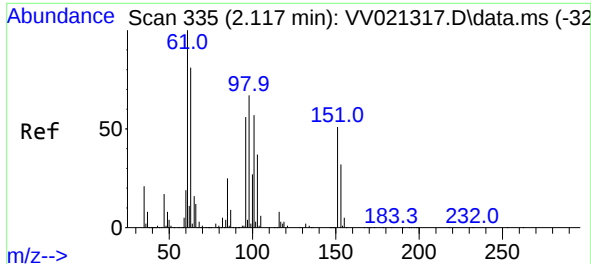


#9
Trichlorofluoromethane
Concen: 2.38 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33



Tgt Ion: 101 Resp: 25755
Ion Ratio Lower Upper
101 100
103 64.9 53.0 79.6





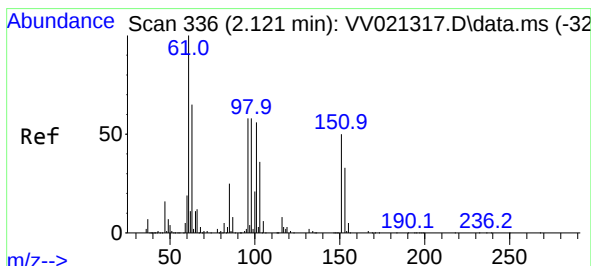
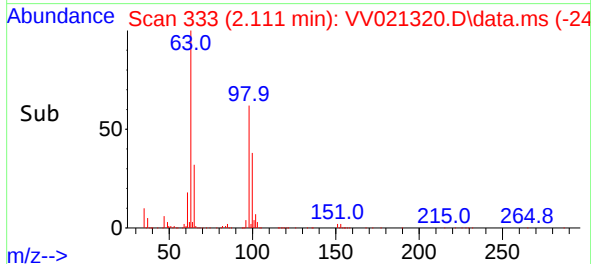
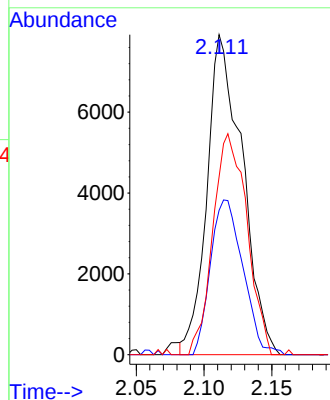
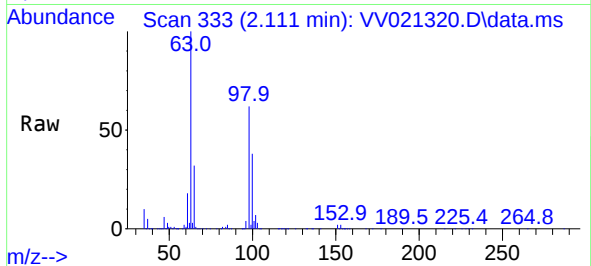
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.00 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.006 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

Tgt Ion:	101	Resp:	14319
Ion	Ratio	Lower	Upper
101	100		
85	44.1	35.4	53.2
151	66.7	63.9	95.9

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-06

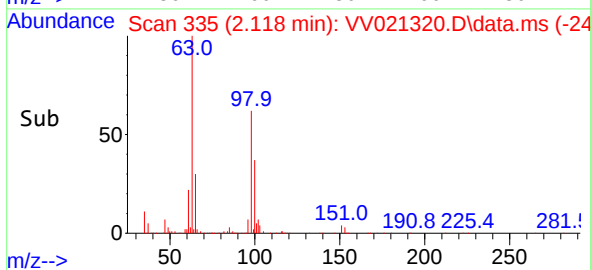
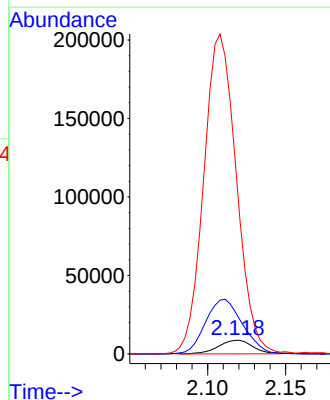
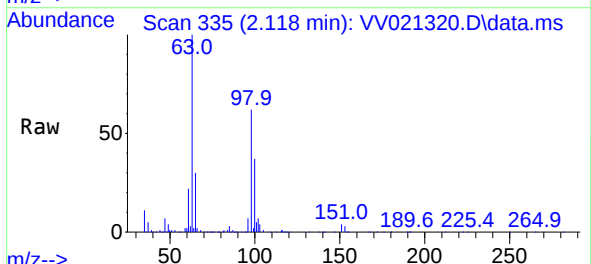
Manual Integrations
APPROVED

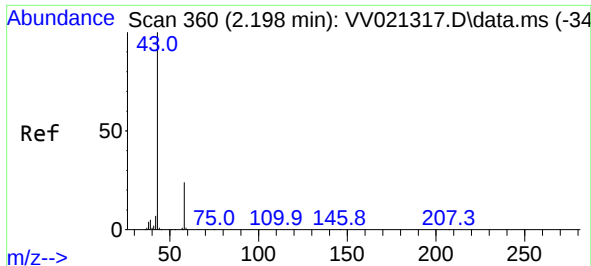
MMDadoda
5/11/2021 1:52:42 PM



#12
1,1-Dichloroethene
Concen: 3.09 ug/L
RT: 2.118 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

Tgt Ion:	96	Resp:	13194
Ion	Ratio	Lower	Upper
96	100		
61	310.6	121.4	225.6#
63	1422.3	98.1	182.1#





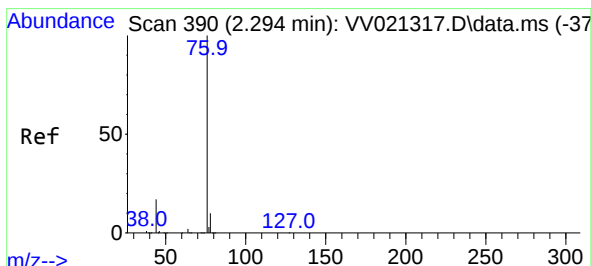
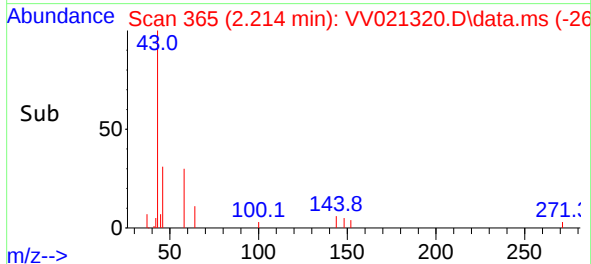
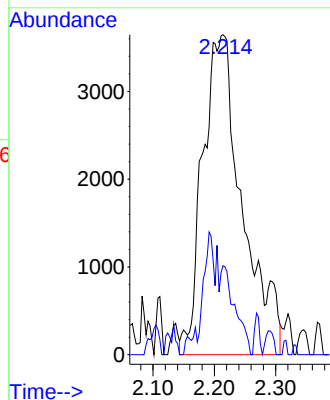
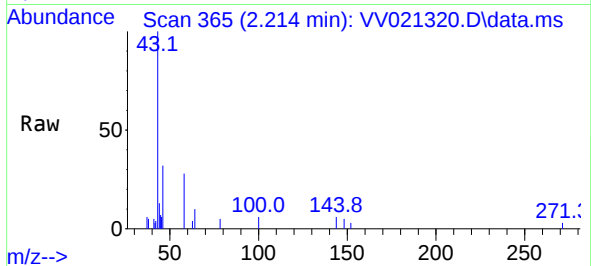
#13
Acetone
Concen: 5.72 ug/L m
RT: 2.214 min Scan# 365
Delta R.T. 0.016 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

Tgt Ion: 43 Resp: 16409
Ion Ratio Lower Upper
43 100
58 1.2 0.0 30.8

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-06

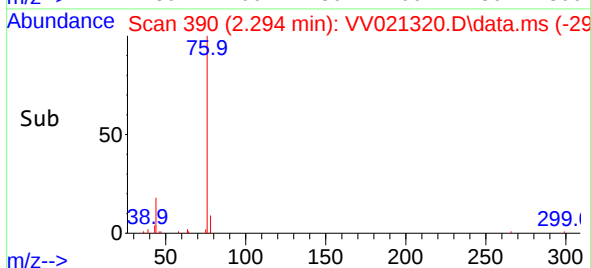
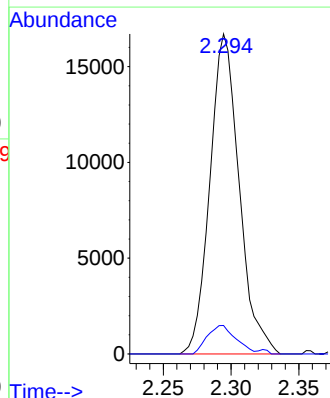
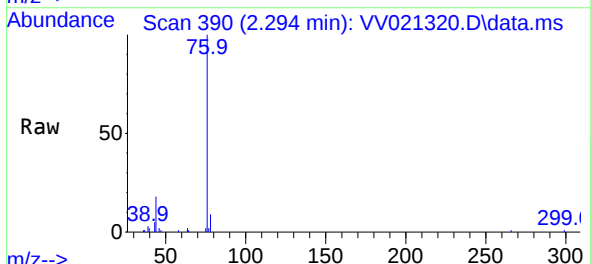
Manual Integrations
APPROVED

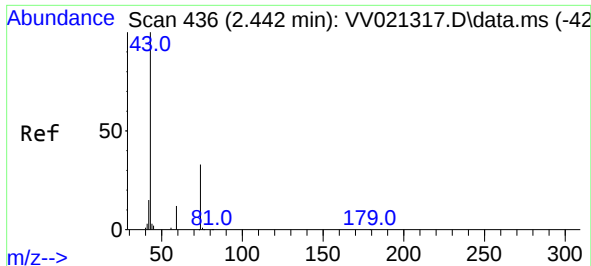
MMDadoda
5/11/2021 1:52:42 PM



#14
Carbon disulfide
Concen: 2.34 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

Tgt Ion: 76 Resp: 25078
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2





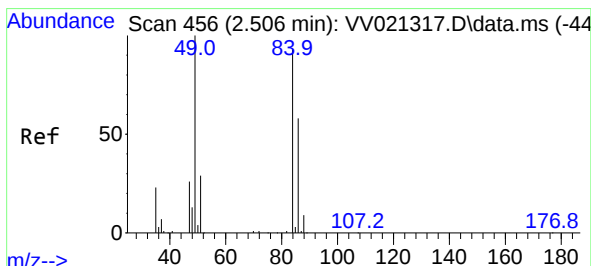
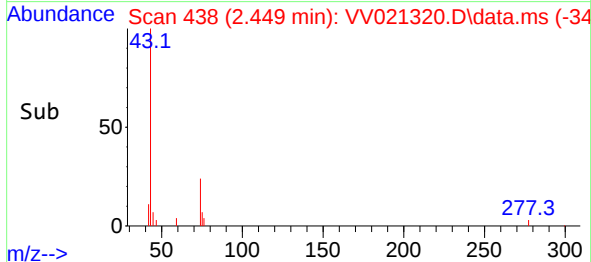
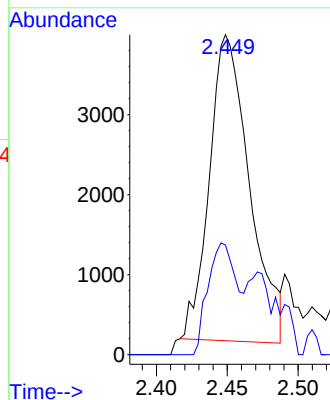
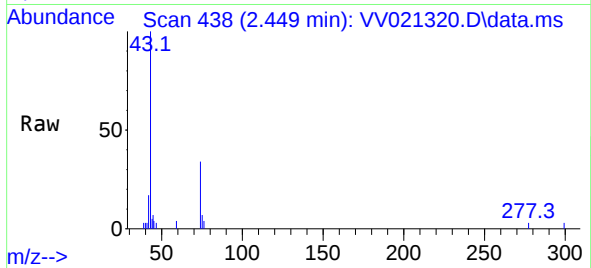
#15
Methyl Acetate
Concen: 2.18 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.007 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

Tgt Ion: 43 Resp: 7548
Ion Ratio Lower Upper
43 100
74 26.6 21.2 31.8

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-06

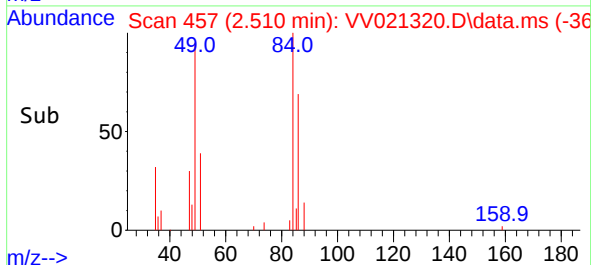
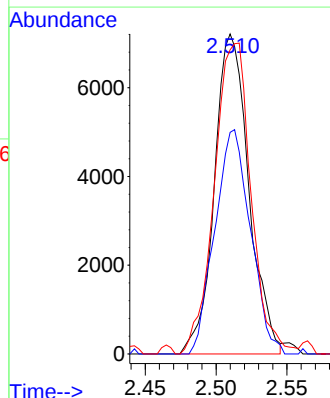
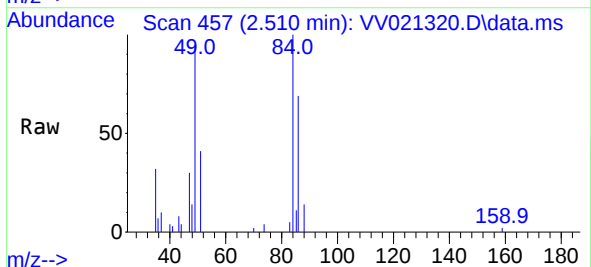
Manual Integrations
APPROVED

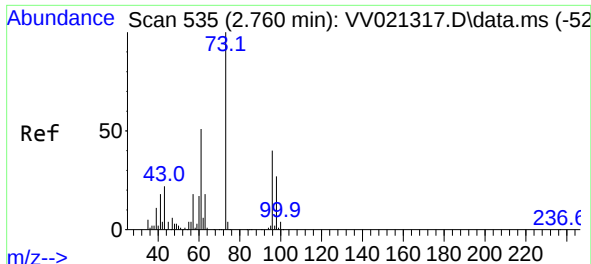
MMDadoda
5/11/2021 1:52:42 PM



#16
Methylene chloride
Concen: 2.79 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

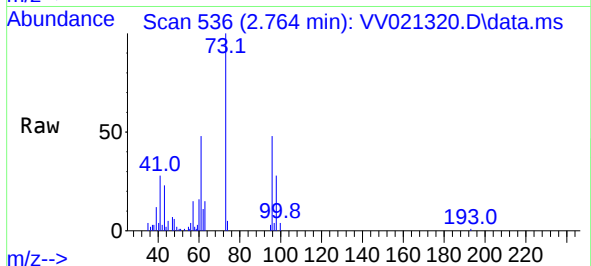
Tgt Ion: 84 Resp: 12193
Ion Ratio Lower Upper
84 100
86 69.3 44.9 83.5
49 95.1 78.1 145.1





#17
trans-1,2-Dichloroethene
Concen: 2.39 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

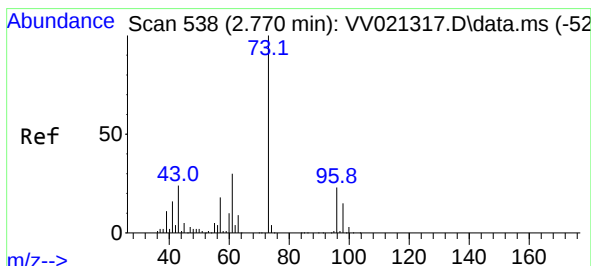
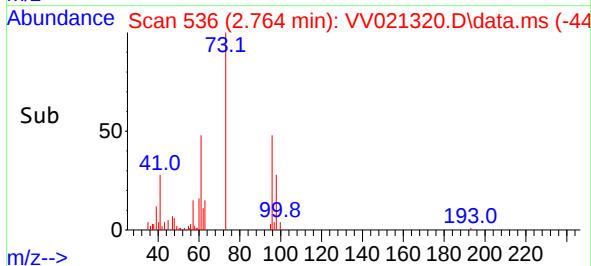
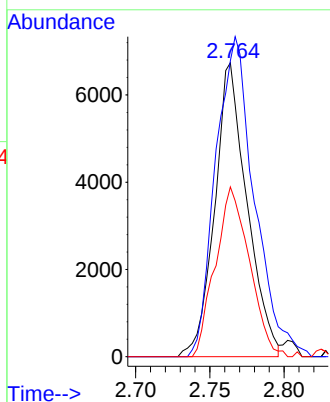
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-06



Tgt Ion: 96 Resp: 10217
Ion Ratio Lower Upper
96 100
61 100.6 89.3 165.9
98 57.8 44.1 81.9

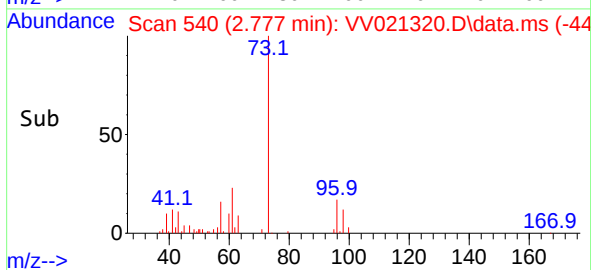
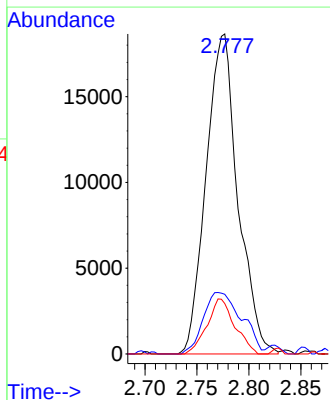
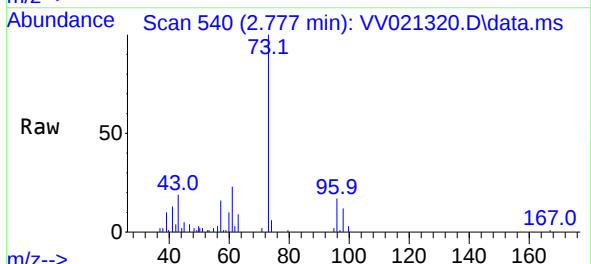
Manual Integrations
APPROVED

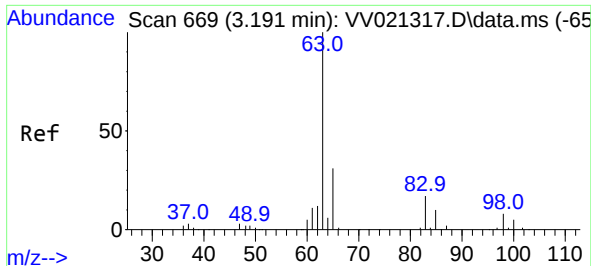
MMDadoda
5/11/2021 1:52:42 PM



#18
Methyl tert-butyl Ether
Concen: 2.60 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.007 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

Tgt Ion: 73 Resp: 39773
Ion Ratio Lower Upper
73 100
43 19.4 14.7 22.1
57 15.0 15.9 23.9#





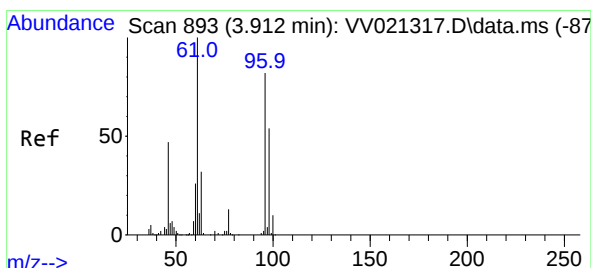
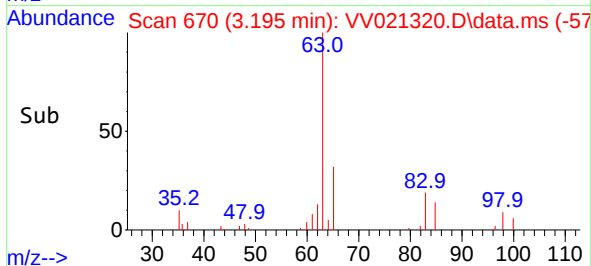
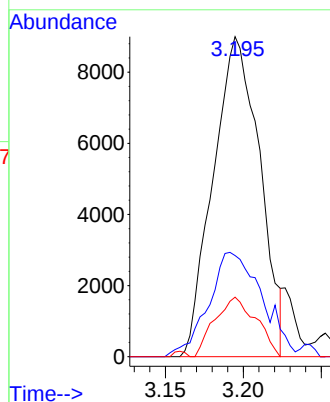
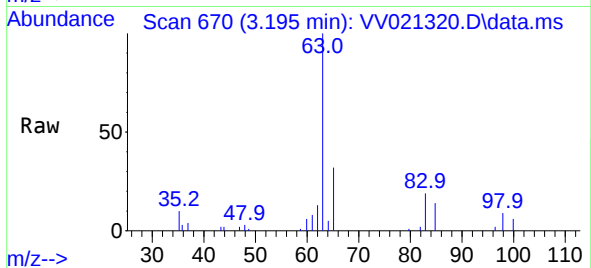
#19
1,1-Dichloroethane
Concen: 2.53 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.003 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

Tgt Ion:	63	Resp:	18699
Ion	Ratio	Lower	Upper
63	100		
65	31.6	21.9	40.7
83	18.6	10.6	19.6

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-06

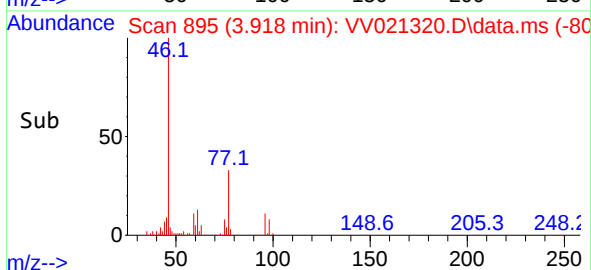
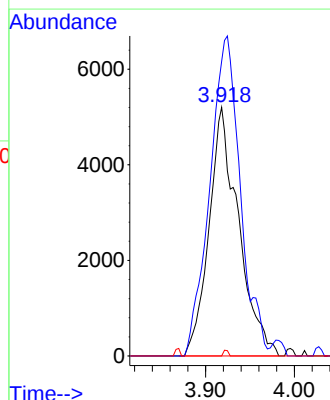
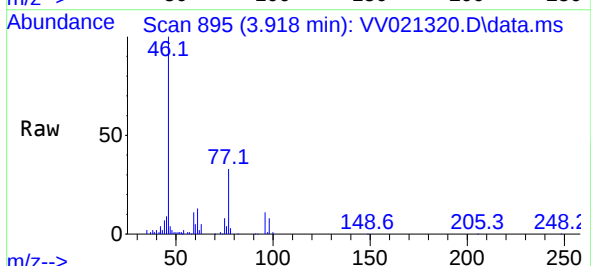
Manual Integrations
APPROVED

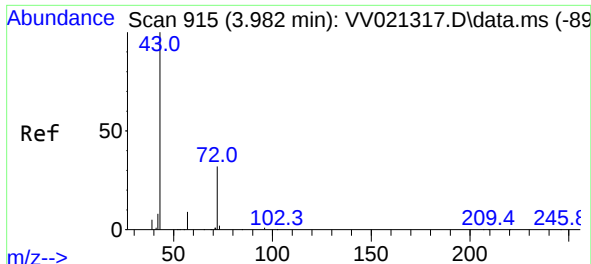
MMDadoda
5/11/2021 1:52:42 PM



#20
cis-1,2-Dichloroethene
Concen: 2.56 ug/L m
RT: 3.918 min Scan# 895
Delta R.T. 0.007 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

Tgt Ion:	96	Resp:	12011
Ion	Ratio	Lower	Upper
96	100		
61	118.4	84.4	156.7
68	0.0	0.0	0.0





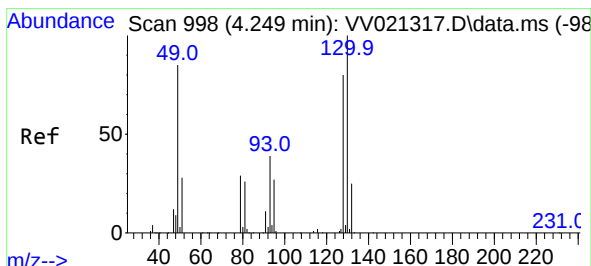
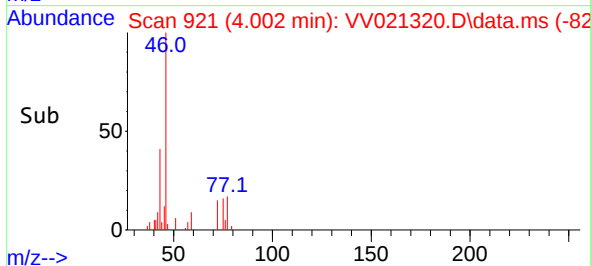
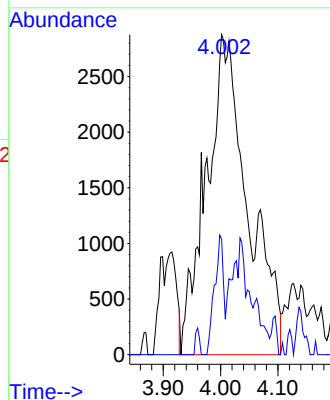
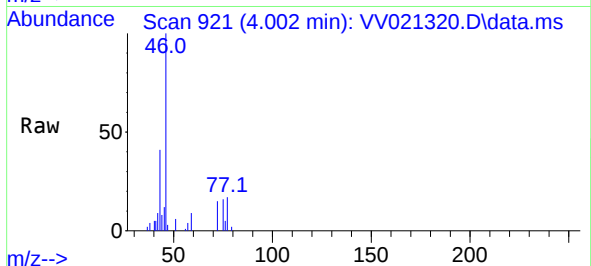
#22
2-Butanone
Concen: 5.30 ug/L m
RT: 4.002 min Scan# 921
Delta R.T. 0.019 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

Tgt Ion: 43 Resp: 14513
Ion Ratio Lower Upper
43 100
72 0.9 13.2 39.6#

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-06

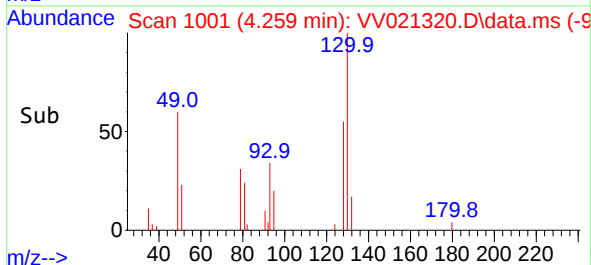
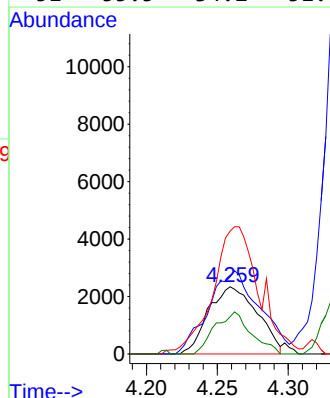
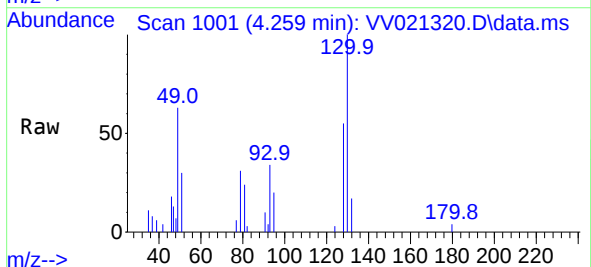
Manual Integrations
APPROVED

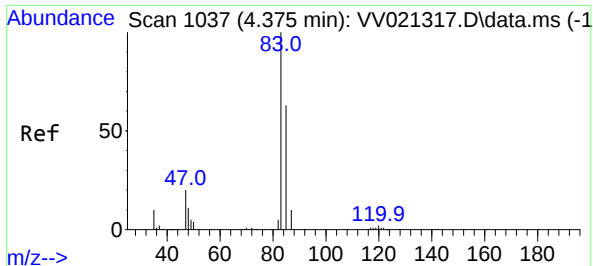
MMDadoda
5/11/2021 1:52:42 PM



#23
Bromochloromethane
Concen: 2.09 ug/L
RT: 4.259 min Scan# 1001
Delta R.T. 0.010 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

Tgt Ion: 128 Resp: 5631
Ion Ratio Lower Upper
128 100
49 114.6 91.3 169.6
130 182.8 86.8 161.2#
51 55.5 34.2 51.4#





#25

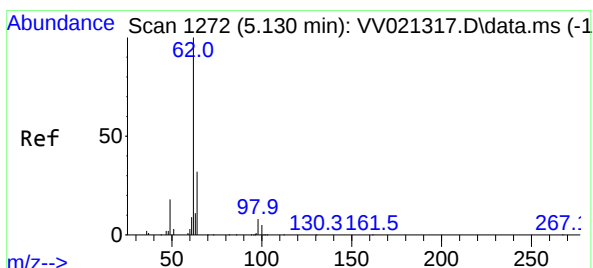
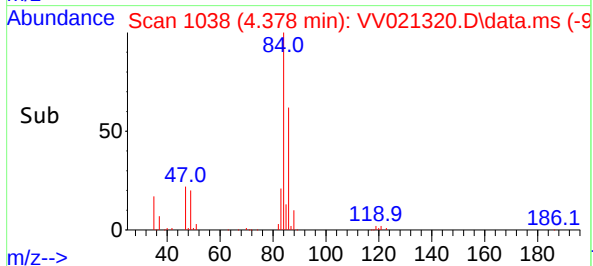
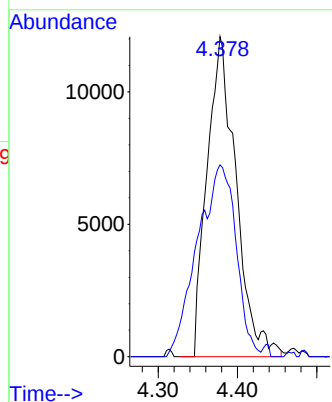
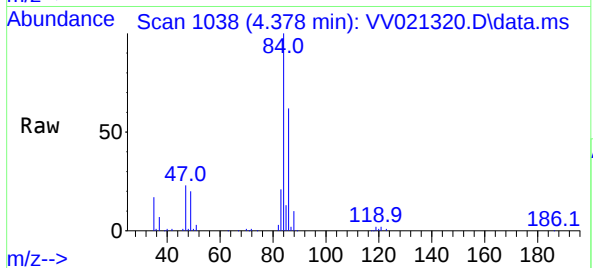
Chloroform
Concen: 3.14 ug/L m
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

Tgt Ion: 83 Resp: 30597
Ion Ratio Lower Upper
83 100
85 60.0 45.6 84.6

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-06

Manual Integrations
APPROVED

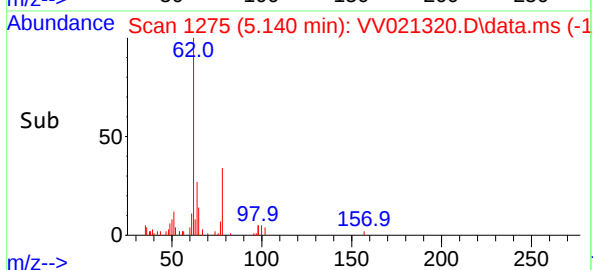
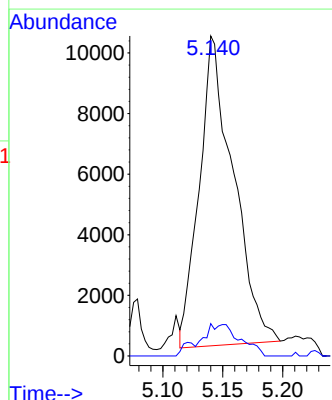
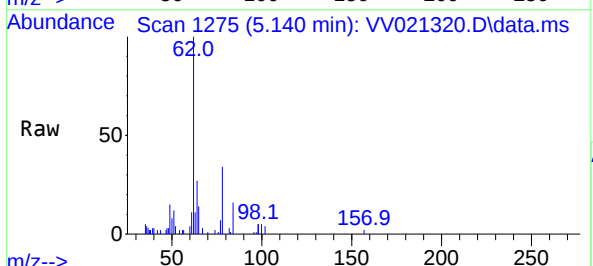
MMDadoda
5/11/2021 1:52:42 PM

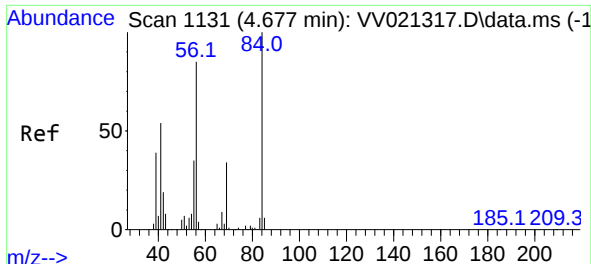


#27

1,2-Dichloroethane
Concen: 2.27 ug/L
RT: 5.140 min Scan# 1275
Delta R.T. 0.010 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

Tgt Ion: 62 Resp: 20174
Ion Ratio Lower Upper
62 100
98 10.1 6.7 10.1#





#29

Cyclohexane

Concen: 2.50 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VV021320.D

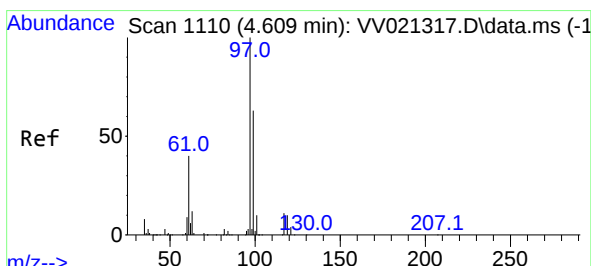
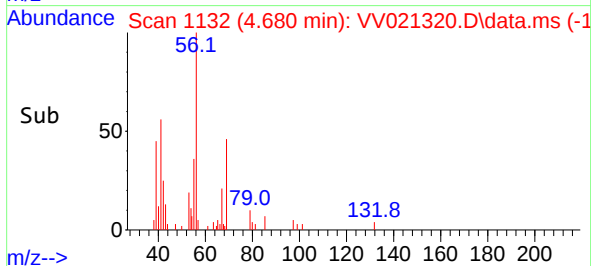
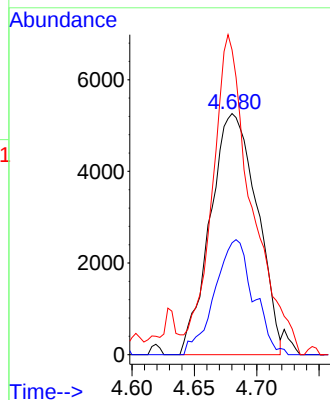
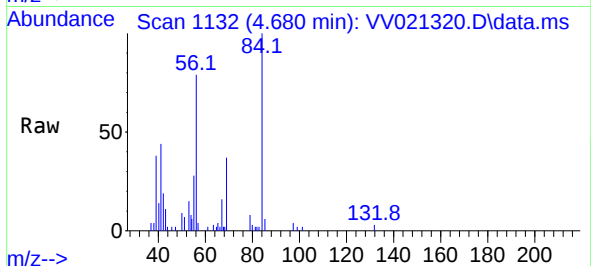
Acq: 07 May 2021 12:33

Tgt Ion:	56	Resp:	13745
Ion	Ratio	Lower	Upper
56	100		
69	33.4	25.7	38.5
84	111.4	75.7	113.5

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-06

Manual Integrations
APPROVED

MMDadoda
5/11/2021 1:52:42 PM



#30

1,1,1-Trichloroethane

Concen: 2.63 ug/L

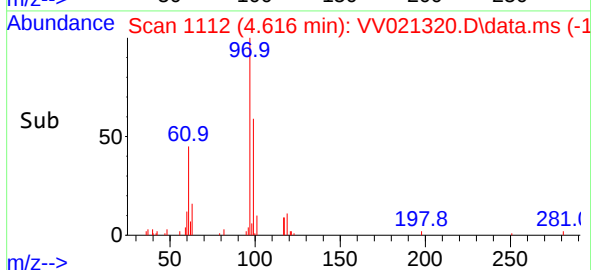
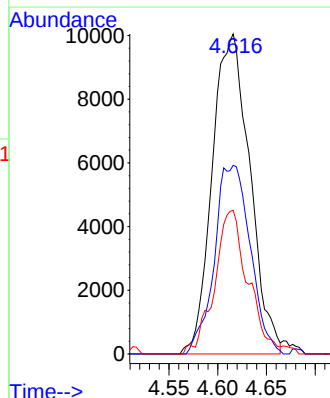
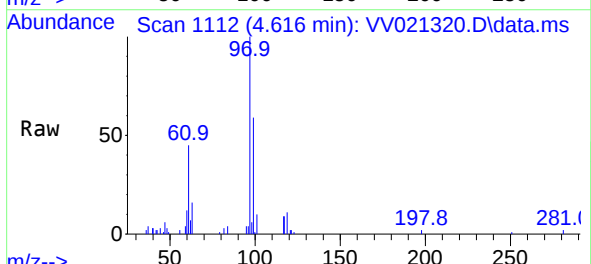
RT: 4.616 min Scan# 1112

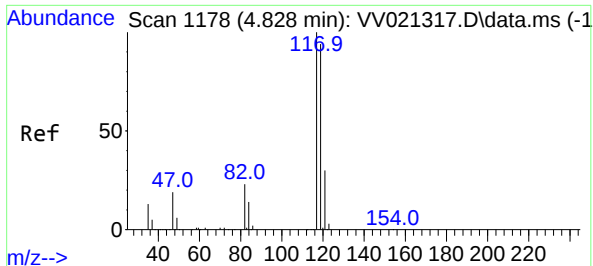
Delta R.T. 0.007 min

Lab File: VV021320.D

Acq: 07 May 2021 12:33

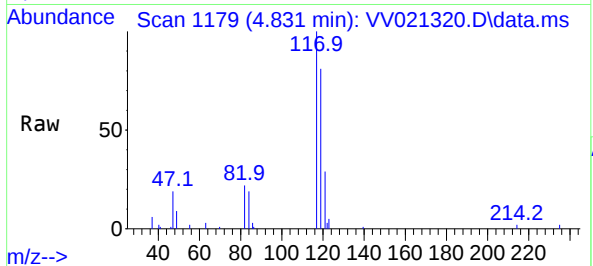
Tgt Ion:	97	Resp:	26922
Ion	Ratio	Lower	Upper
97	100		
99	22.6	51.6	77.4#
61	19.8	32.1	48.1#





#31
Carbon tetrachloride
Concen: 2.74 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

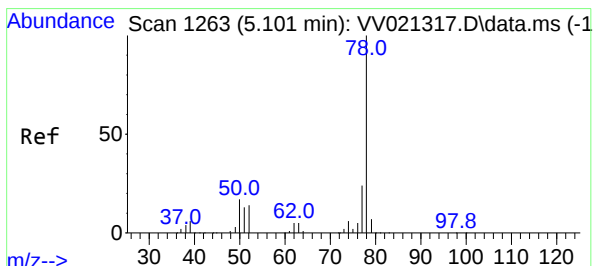
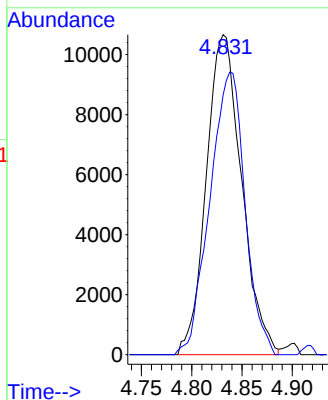
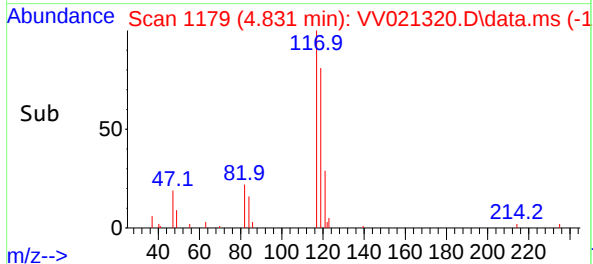
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-06



Tgt Ion:117 Resp: 26018
Ion Ratio Lower Upper
117 100
119 87.8 75.4 113.2

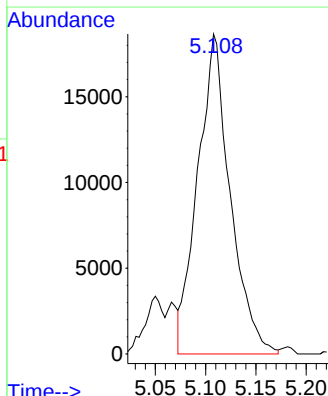
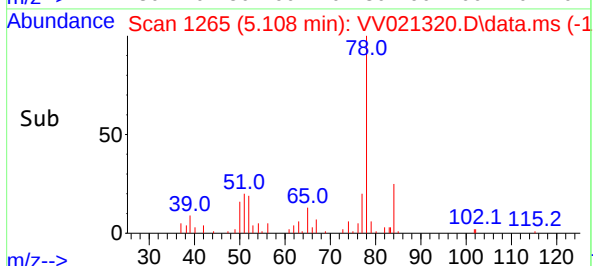
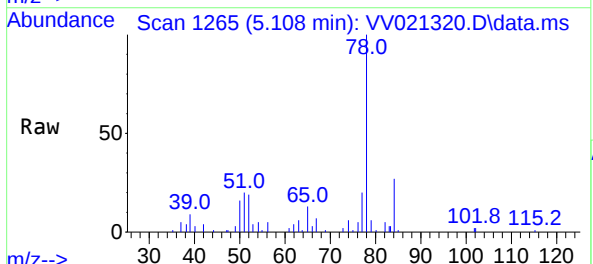
Manual Integrations
APPROVED

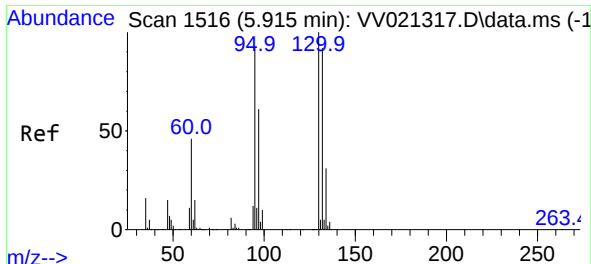
MMDadoda
5/11/2021 1:52:42 PM



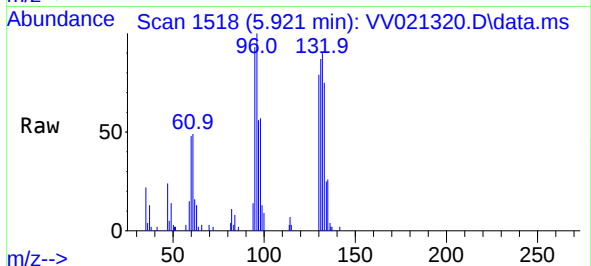
#33
Benzene
Concen: 2.50 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.007 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

Tgt Ion: 78 Resp: 41852

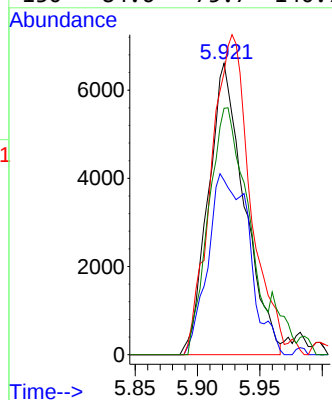




#34
Trichloroethene
Concen: 2.48 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.007 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33



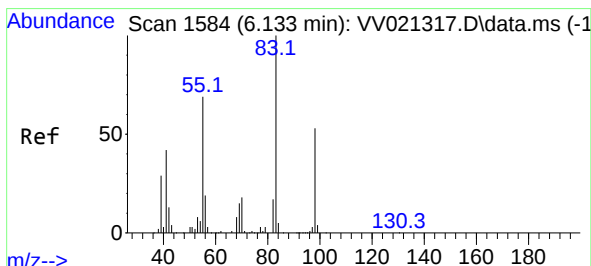
Tgt Ion:	95	Resp:	13338
Ion	Ratio	Lower	Upper
95	100		
97	59.9	45.5	84.5
132	96.8	71.0	131.8
130	84.6	75.7	140.7



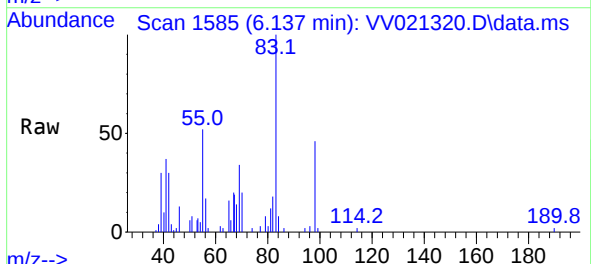
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-06

Manual Integrations
APPROVED

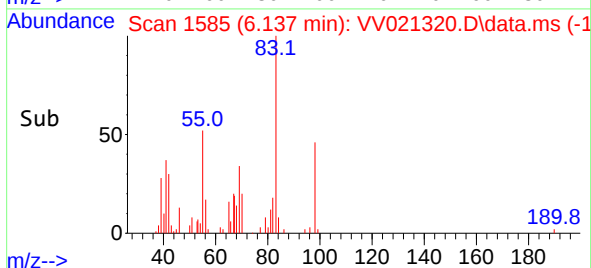
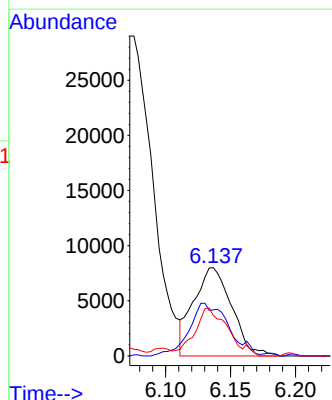
MMDadoda
5/11/2021 1:52:42 PM

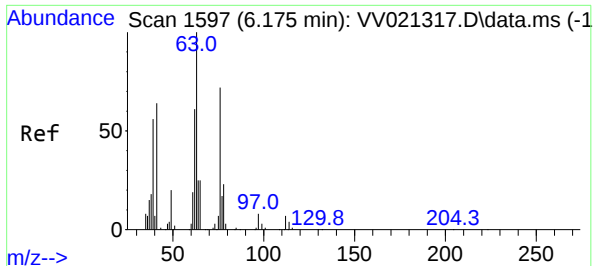


#35
Methylcyclohexane
Concen: 2.32 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.003 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33



Tgt Ion:	83	Resp:	16356
Ion	Ratio	Lower	Upper
83	100		
55	32.7	58.2	87.2#
98	45.3	40.6	60.8





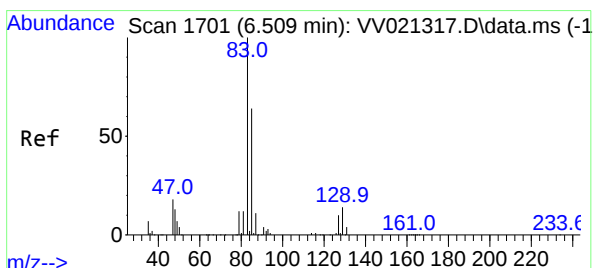
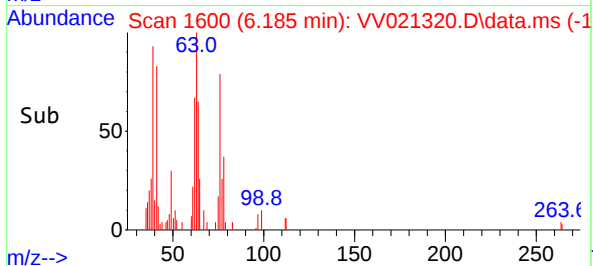
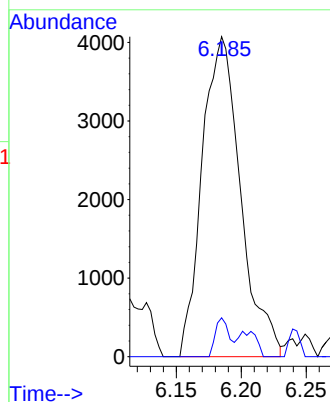
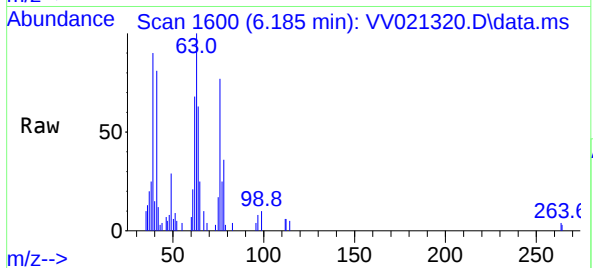
#37
1,2-Dichloropropane
Concen: 2.37 ug/L
RT: 6.185 min Scan# 1600
Delta R.T. 0.010 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

Tgt Ion: 63 Resp: 8367
Ion Ratio Lower Upper
63 100
112 4.4 3.9 5.9

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-06

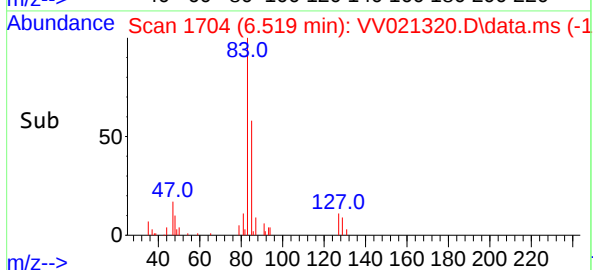
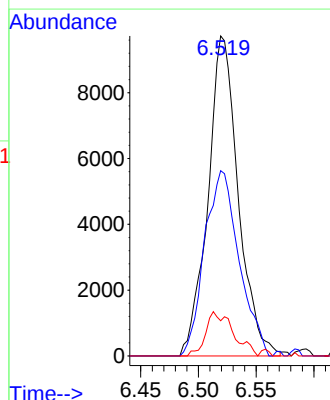
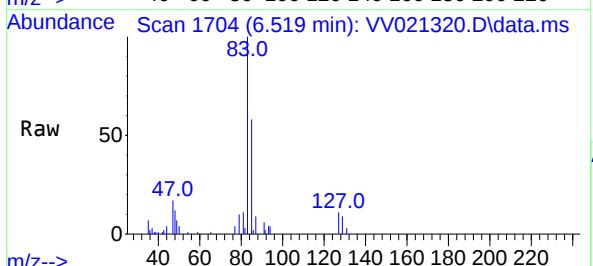
Manual Integrations
APPROVED

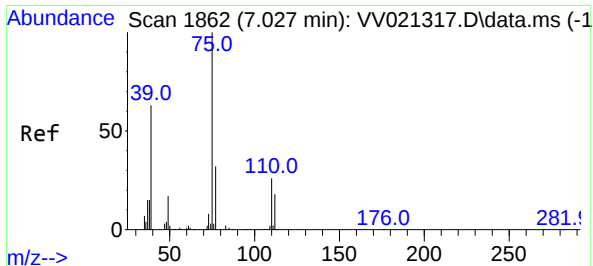
MMDadoda
5/11/2021 1:52:42 PM



#38
Bromodichloromethane
Concen: 2.37 ug/L
RT: 6.519 min Scan# 1704
Delta R.T. 0.010 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

Tgt Ion: 83 Resp: 17795
Ion Ratio Lower Upper
83 100
85 57.9 46.2 85.8
127 11.0 7.4 11.0





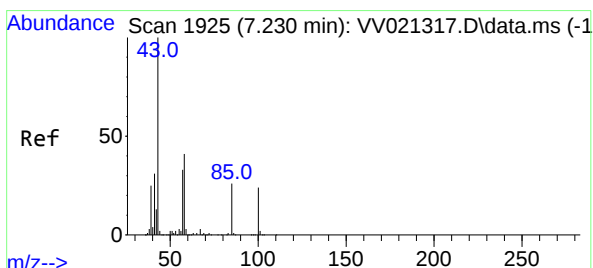
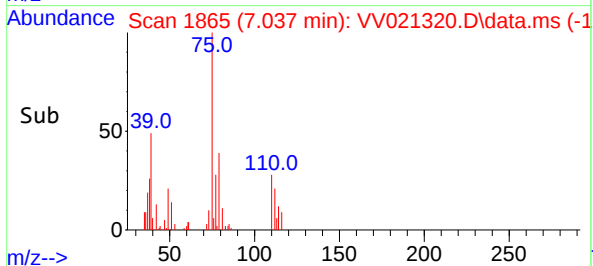
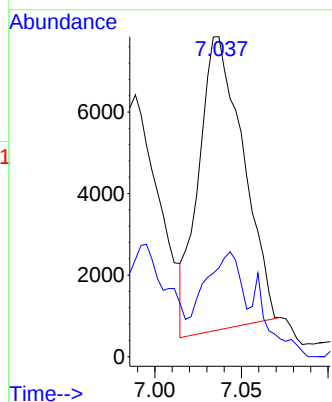
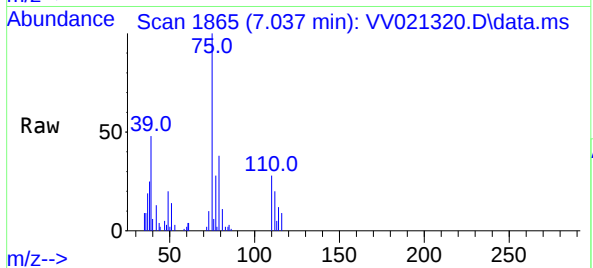
#39
cis-1,3-Dichloropropene
Concen: 1.86 ug/L
RT: 7.037 min Scan# 1865
Delta R.T. 0.010 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

Tgt Ion: 75 Resp: 12847
Ion Ratio Lower Upper
75 100
77 27.7 21.8 40.6

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-06

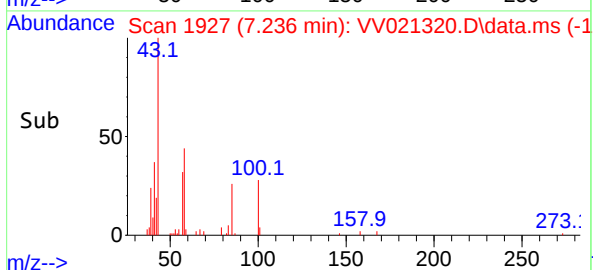
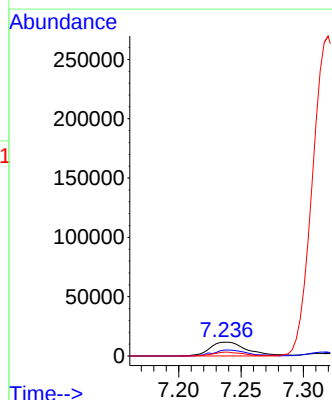
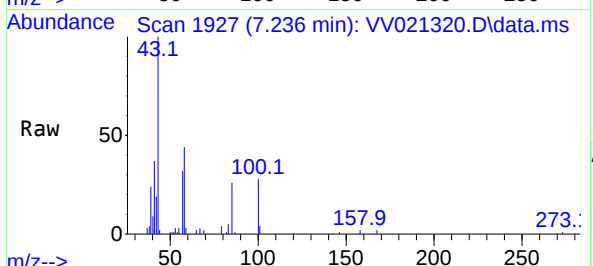
Manual Integrations
APPROVED

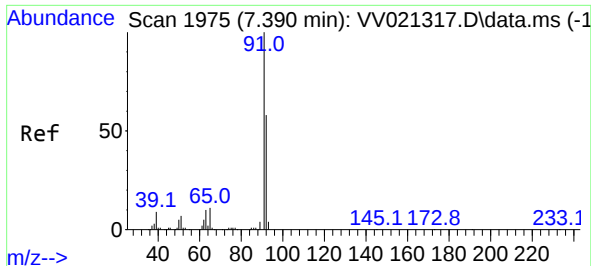
MMDadoda
5/11/2021 1:52:42 PM



#40
4-Methyl-2-pentanone
Concen: 4.76 ug/L
RT: 7.236 min Scan# 1927
Delta R.T. 0.007 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

Tgt Ion: 43 Resp: 23820
Ion Ratio Lower Upper
43 100
58 33.1 34.5 51.7#
100 23.0 15.2 22.8#





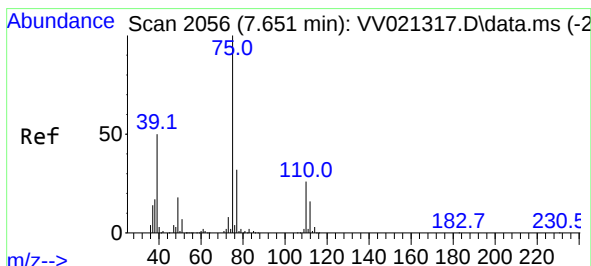
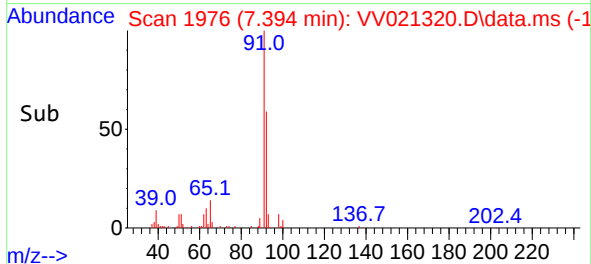
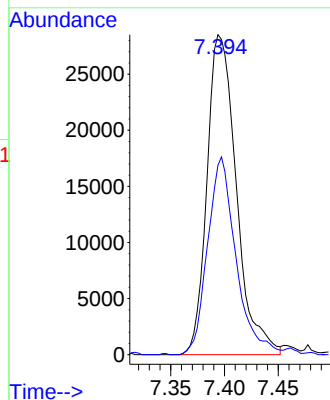
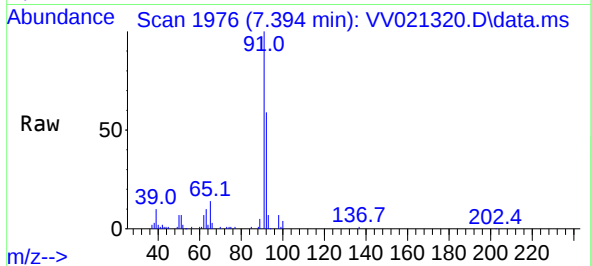
#42
Toluene
Concen: 2.78 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.003 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

Tgt Ion: 91 Resp: 54207
Ion Ratio Lower Upper
91 100
92 59.2 41.0 76.2

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-06

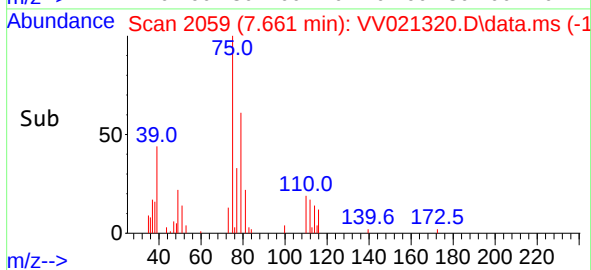
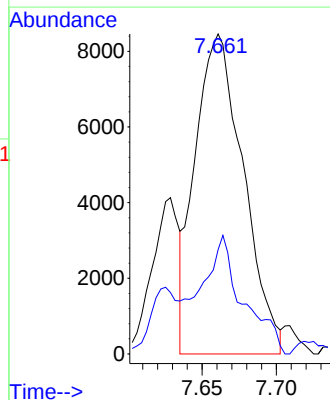
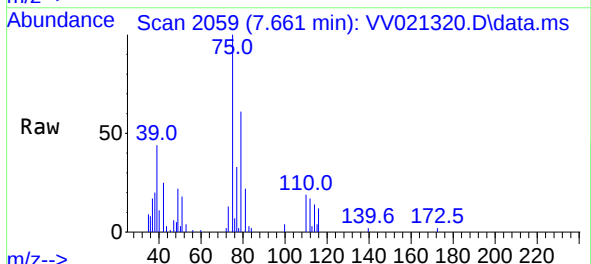
Manual Integrations
APPROVED

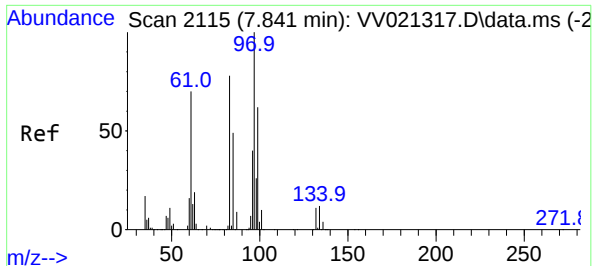
MMDadoda
5/11/2021 1:52:42 PM



#44
trans-1,3-Dichloropropene
Concen: 2.53 ug/L
RT: 7.661 min Scan# 2059
Delta R.T. 0.010 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

Tgt Ion: 75 Resp: 19069
Ion Ratio Lower Upper
75 100
77 32.6 21.8 40.6

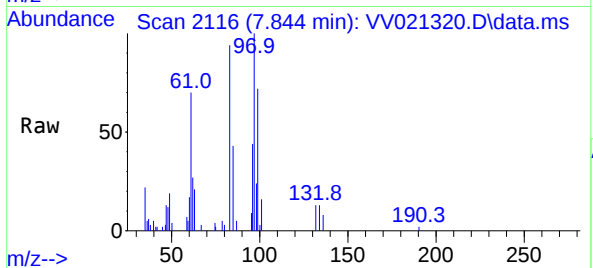




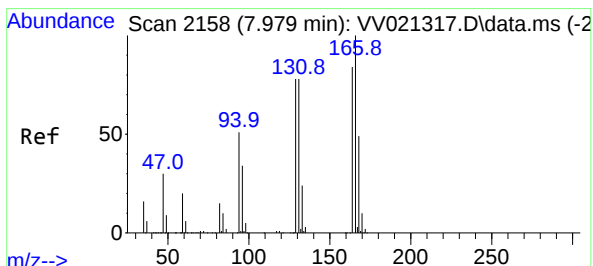
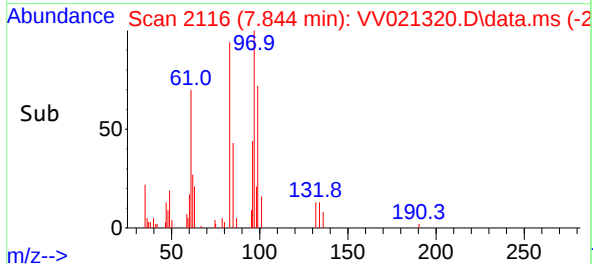
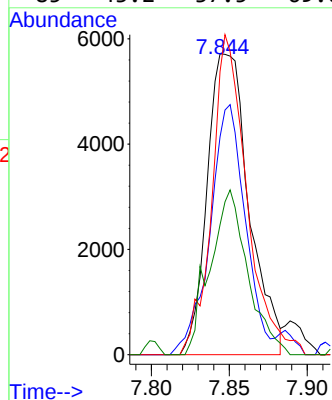
#45

1,1,2-Trichloroethane
Concen: 2.35 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.003 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-06

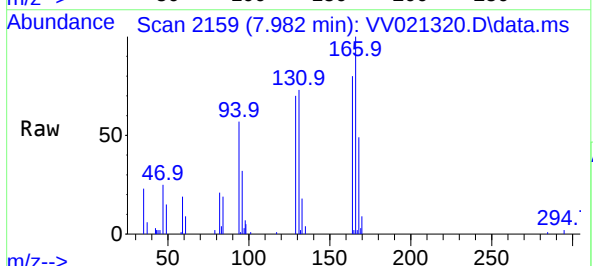


Tgt Ion:	97	Resp:	10662
Ion	Ratio	Lower	Upper
97	100		
99	72.4	43.7	81.1
83	94.0	59.6	110.6
85	43.2	37.5	69.6

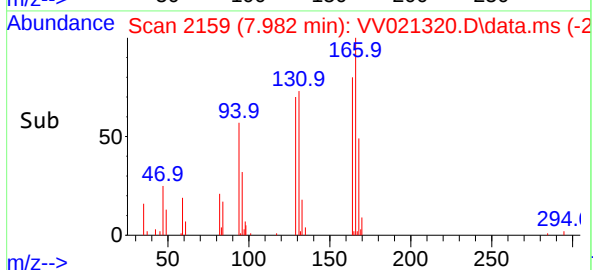
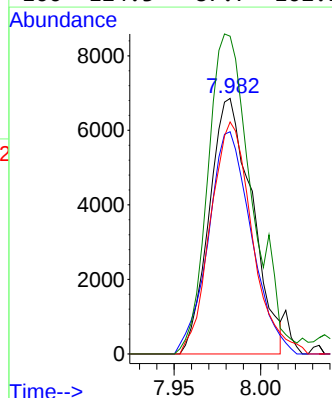


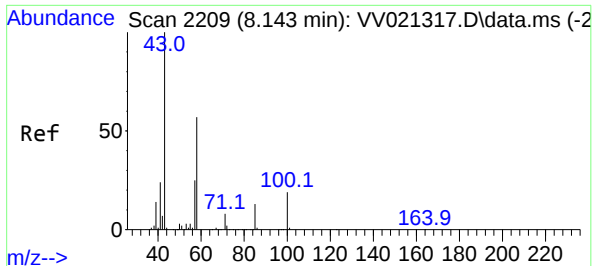
#46

Tetrachloroethene
Concen: 2.54 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.003 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33



Tgt Ion:	164	Resp:	11784
Ion	Ratio	Lower	Upper
164	100		
129	86.9	63.8	118.4
131	90.8	59.3	110.1
166	124.3	87.7	162.9





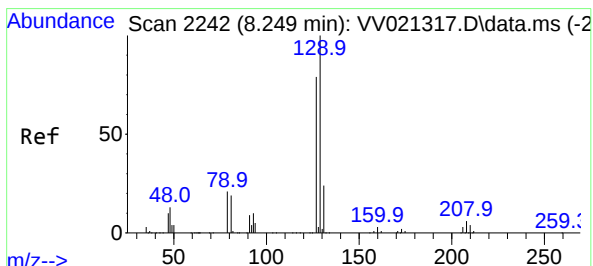
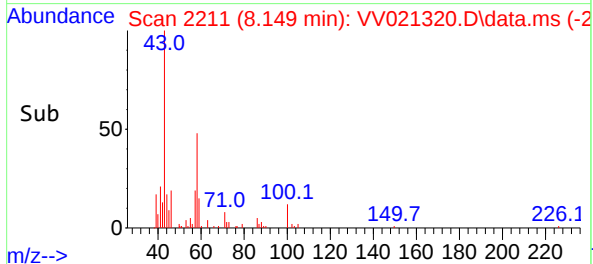
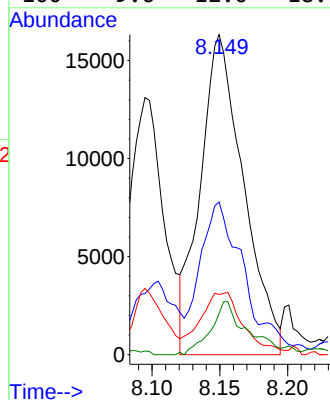
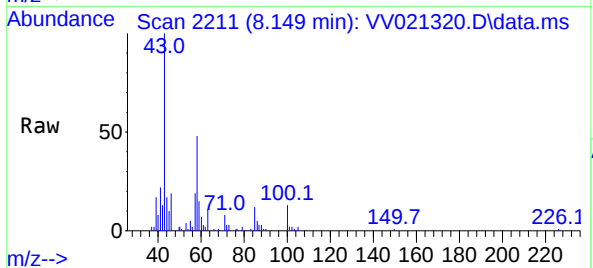
#48
2-Hexanone
Concen: 9.03 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.007 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

Tgt Ion:	43	Resp:	36347
Ion	Ratio	Lower	Upper
43	100		
58	23.4	46.8	70.2#
57	5.6	17.6	26.4#
100	9.6	12.0	18.0#

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-06

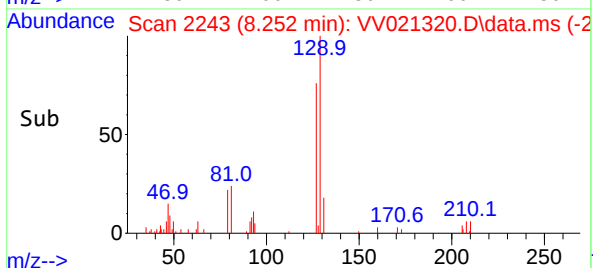
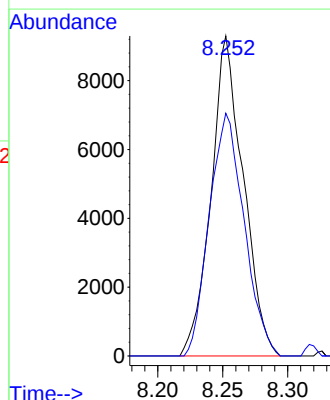
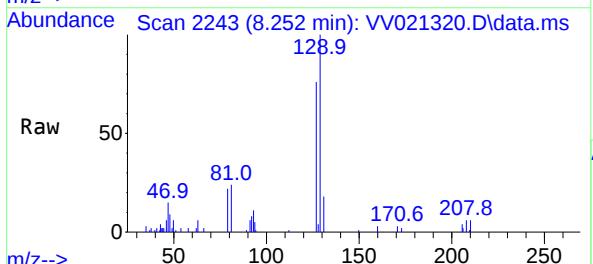
Manual Integrations
APPROVED

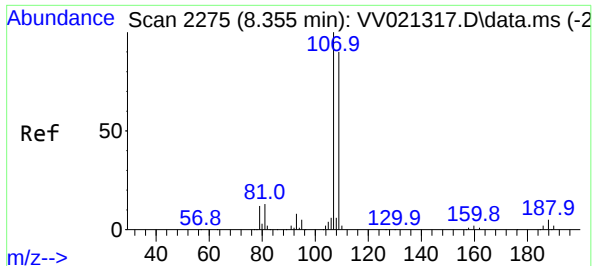
MMDadoda
5/11/2021 1:52:42 PM



#49
Dibromochloromethane
Concen: 2.49 ug/L
RT: 8.252 min Scan# 2243
Delta R.T. 0.003 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

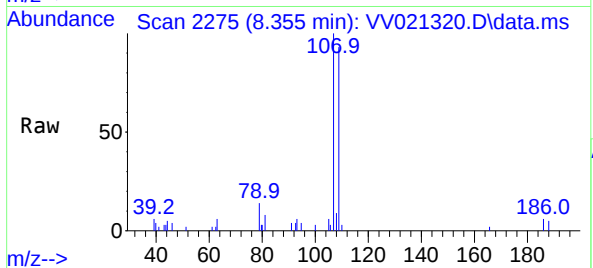
Tgt Ion:	129	Resp:	16030
Ion	Ratio	Lower	Upper
129	100		
127	75.8	55.2	102.6





#50
1,2-Dibromoethane
Concen: 2.41 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

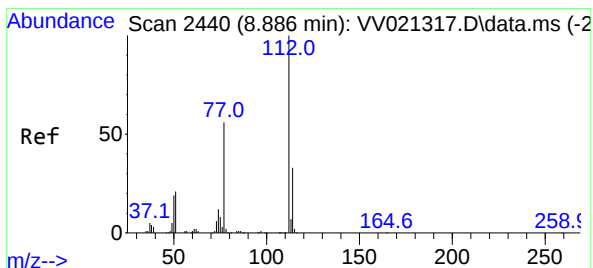
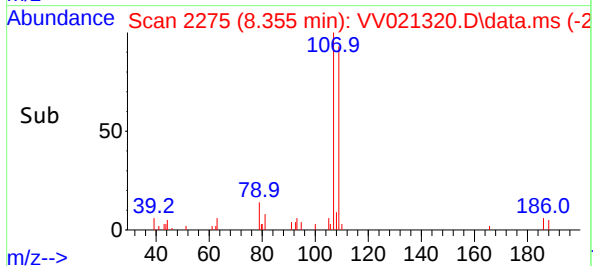
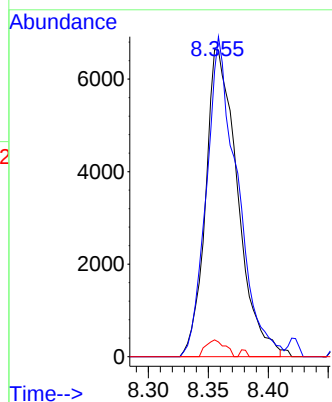
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-06



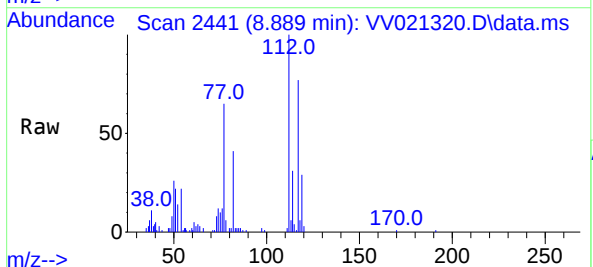
Tgt Ion:107 Resp: 12323
Ion Ratio Lower Upper
107 100
109 93.1 63.8 118.6
188 5.5 3.4 5.0#

Manual Integrations
APPROVED

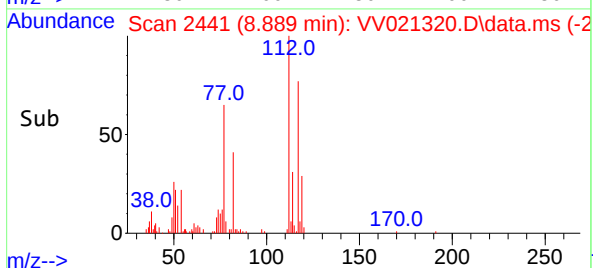
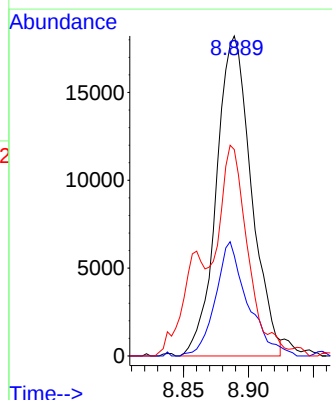
MMDadoda
5/11/2021 1:52:42 PM

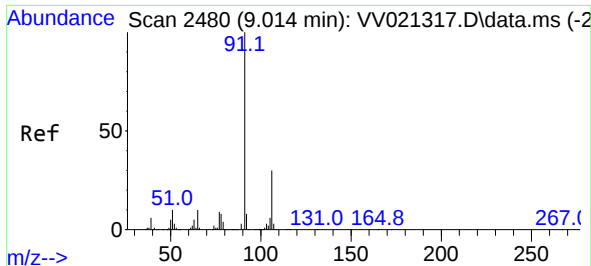


#51
Chlorobenzene
Concen: 2.53 ug/L
RT: 8.889 min Scan# 2441
Delta R.T. 0.003 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33



Tgt Ion:112 Resp: 34069
Ion Ratio Lower Upper
112 100
114 31.3 22.8 42.4
77 64.5 44.2 66.2





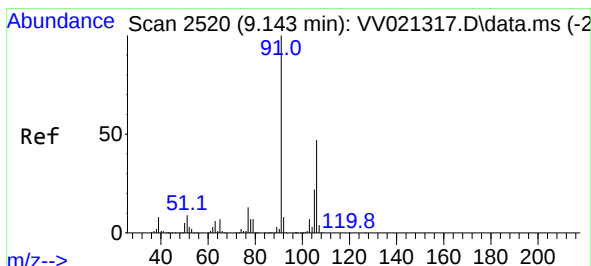
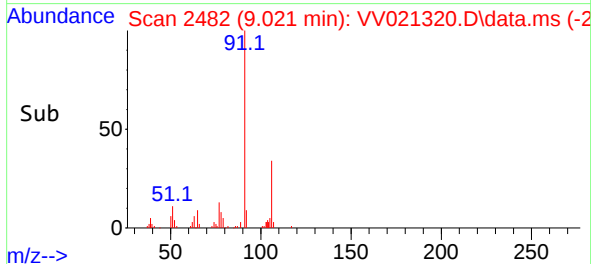
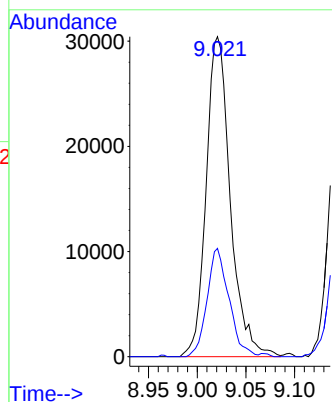
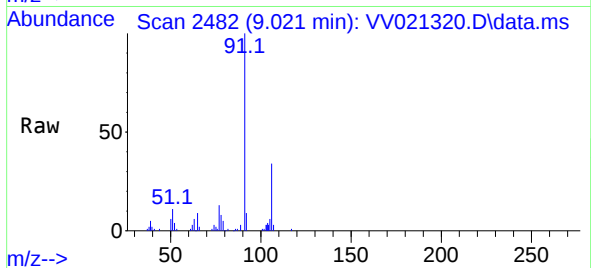
#52
Ethylbenzene
Concen: 2.33 ug/L
RT: 9.021 min Scan# 2482
Delta R.T. 0.007 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

Tgt Ion: 91 Resp: 52510
Ion Ratio Lower Upper
91 100
106 33.8 21.8 40.4

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-06

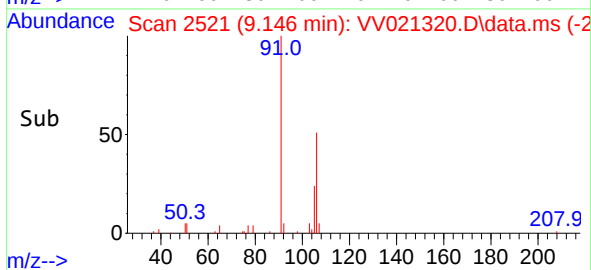
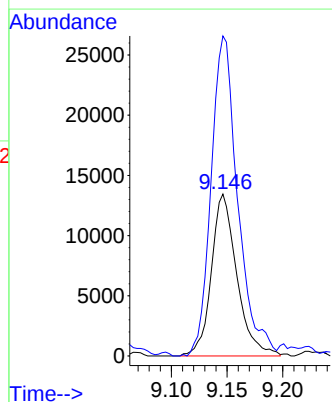
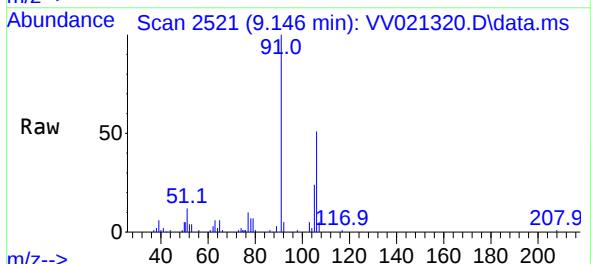
Manual Integrations
APPROVED

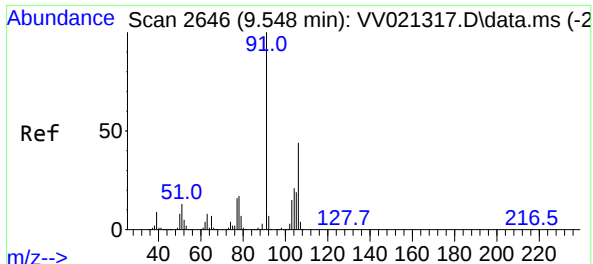
MMDadoda
5/11/2021 1:52:42 PM



#53
m,p-Xylene
Concen: 2.42 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

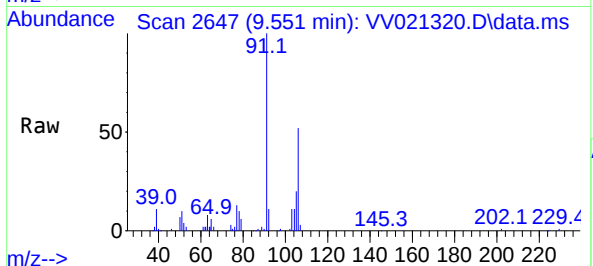
Tgt Ion: 106 Resp: 21424
Ion Ratio Lower Upper
106 100
91 197.6 144.3 267.9





#54
o-Xylene
Concen: 2.52 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.003 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

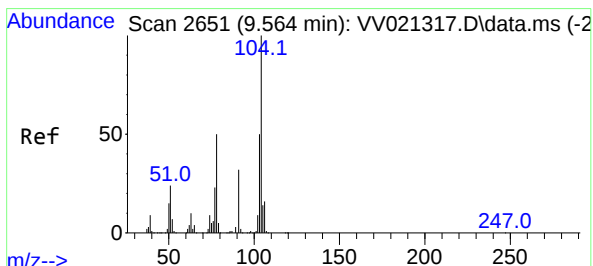
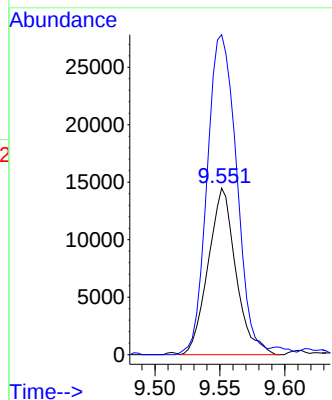
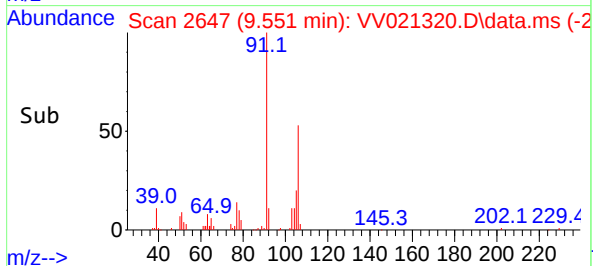
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-06



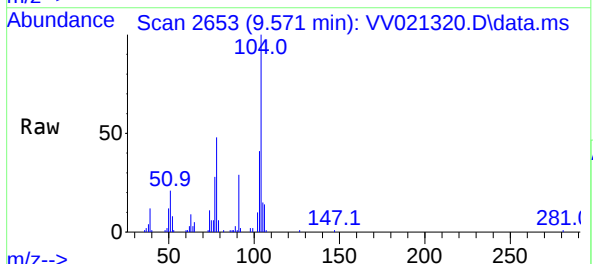
Tgt Ion:106 Resp: 21498
Ion Ratio Lower Upper
106 100
91 192.1 150.4 279.4

Manual Integrations
APPROVED

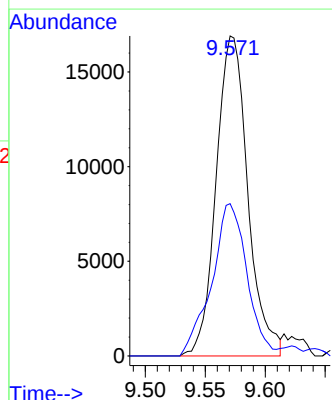
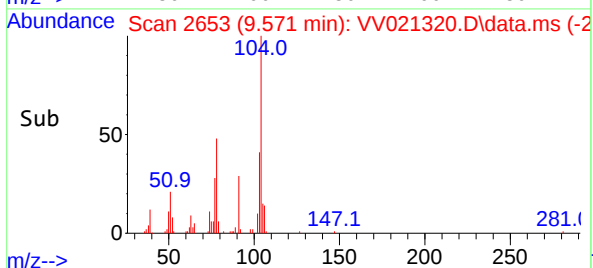
MMDadoda
5/11/2021 1:52:42 PM

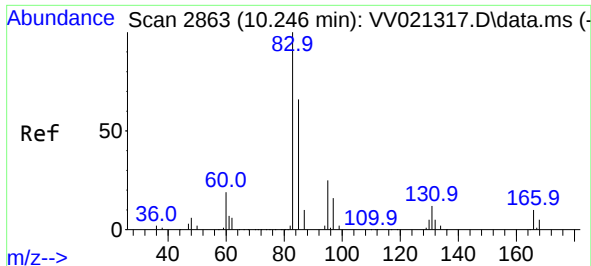


#55
Styrene
Concen: 2.14 ug/L
RT: 9.571 min Scan# 2653
Delta R.T. 0.007 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33



Tgt Ion:104 Resp: 31043
Ion Ratio Lower Upper
104 100
78 47.6 32.4 60.2





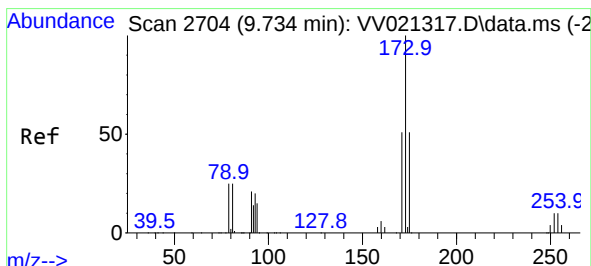
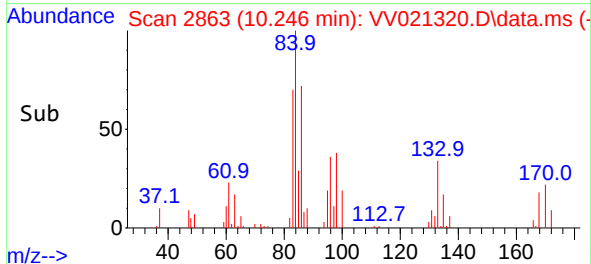
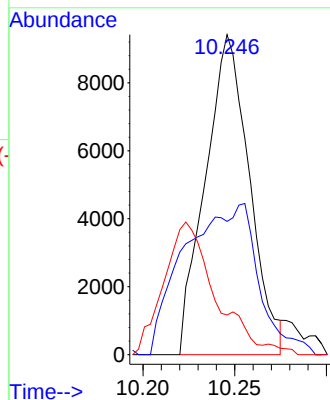
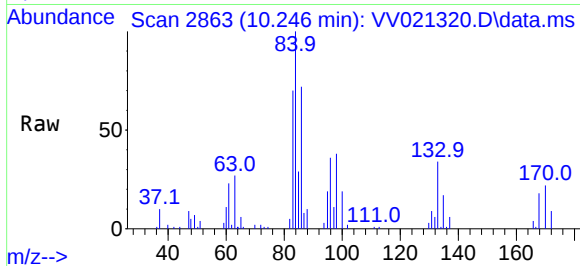
#57
1,1,2,2-Tetrachloroethane
Concen: 2.56 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

Tgt Ion:	83	Resp:	15690
Ion	Ratio	Lower	Upper
83	100		
85	41.7	45.8	85.0#
131	12.4	8.8	13.2

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-06

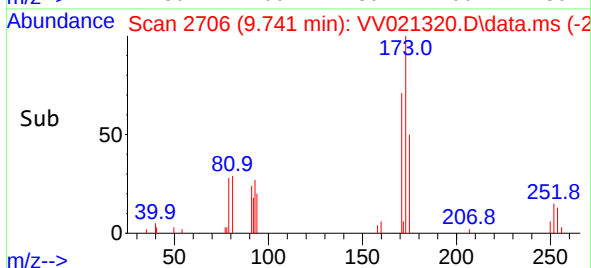
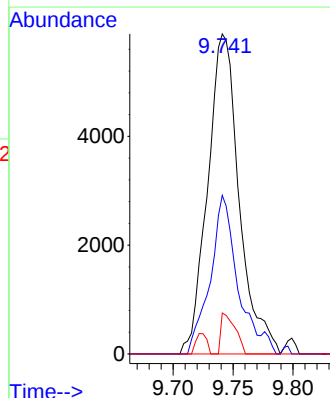
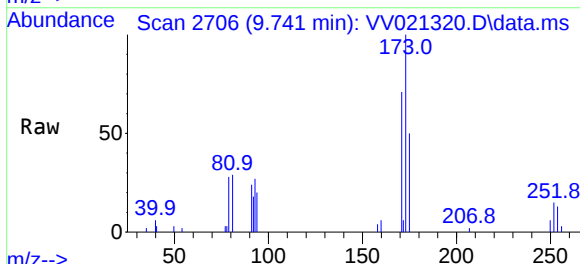
Manual Integrations
APPROVED

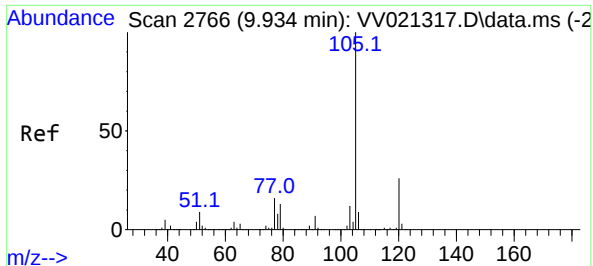
MMDadoda
5/11/2021 1:52:42 PM



#59
Bromoform
Concen: 2.32 ug/L
RT: 9.741 min Scan# 2706
Delta R.T. 0.007 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

Tgt Ion:	173	Resp:	10751
Ion	Ratio	Lower	Upper
173	100		
175	42.2	38.9	58.3
254	5.7	8.3	12.5#





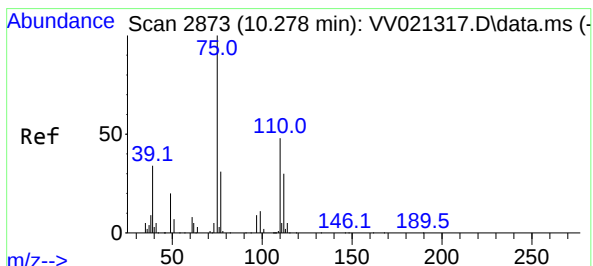
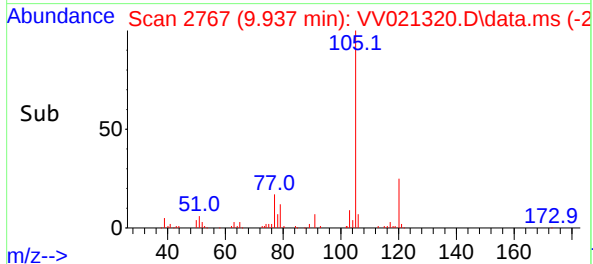
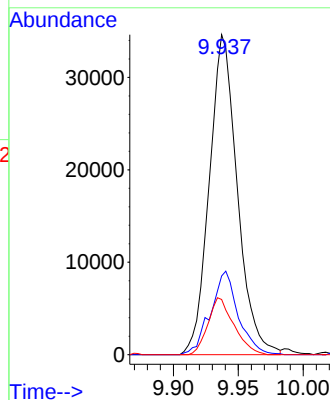
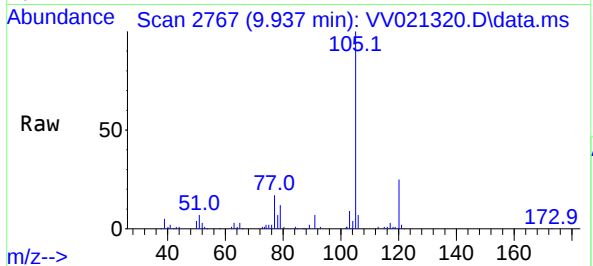
#60
Isopropylbenzene
Concen: 2.35 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.003 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

Tgt Ion:	105	Resp:	51957
Ion	Ratio	Lower	Upper
105	100		
120	25.8	21.8	32.6
77	16.5	12.9	19.3

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-06

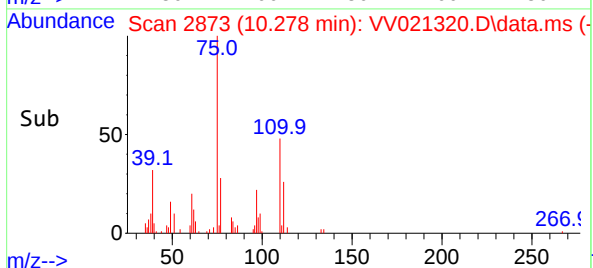
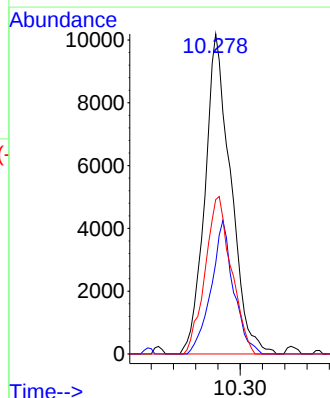
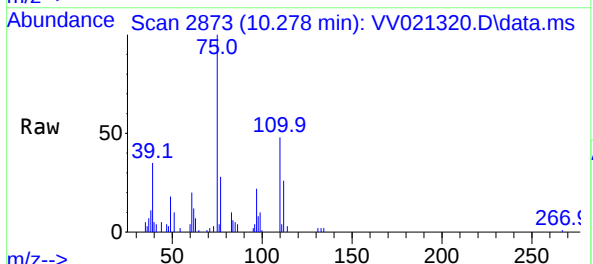
Manual Integrations
APPROVED

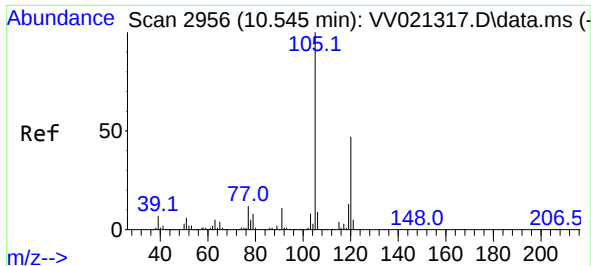
MMDadoda
5/11/2021 1:52:42 PM



#61
1,2,3-Trichloropropane
Concen: 2.90 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

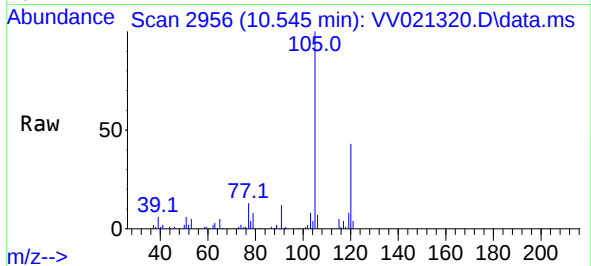
Tgt Ion:	75	Resp:	16404
Ion	Ratio	Lower	Upper
75	100		
77	36.1	25.8	38.8
110	49.8	34.9	52.3





#62
1,3,5-Trimethylbenzene
Concen: 2.44 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. 0.000 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

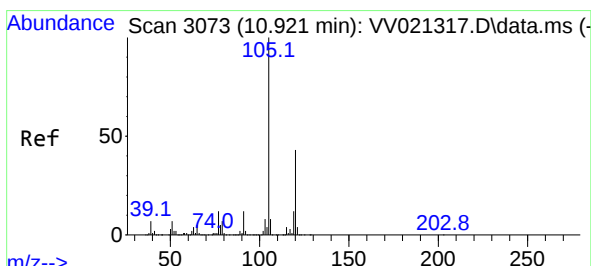
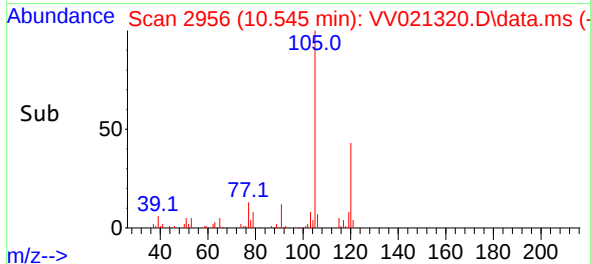
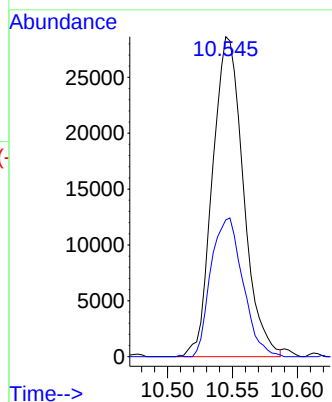
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-06



Tgt Ion:105 Resp: 47286
Ion Ratio Lower Upper
105 100
120 44.8 38.9 58.3

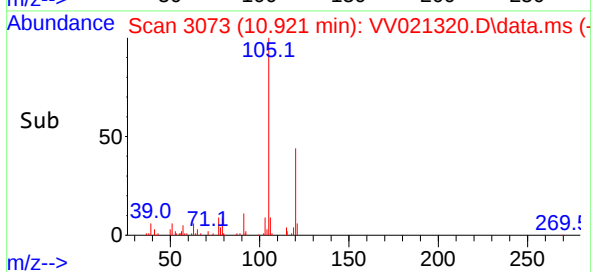
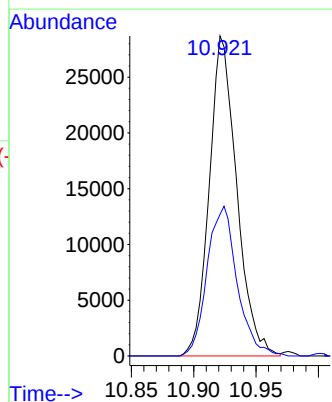
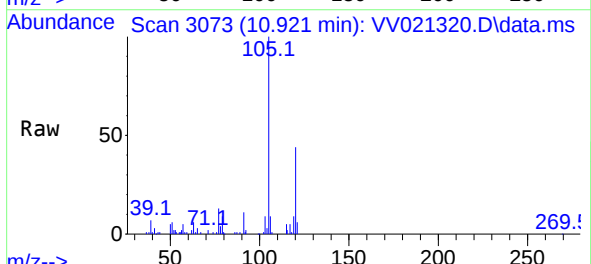
Manual Integrations
APPROVED

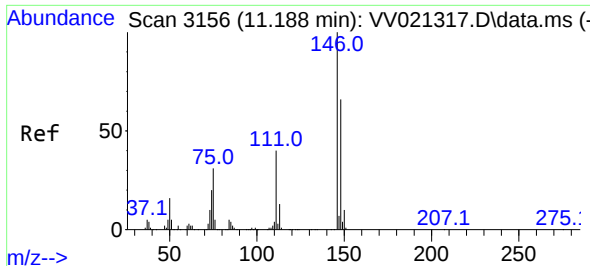
MMDadoda
5/11/2021 1:52:42 PM



#63
1,2,4-Trimethylbenzene
Concen: 2.26 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.000 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

Tgt Ion:105 Resp: 44064
Ion Ratio Lower Upper
105 100
120 51.1 37.7 56.5





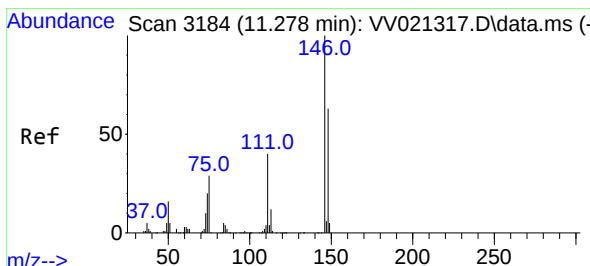
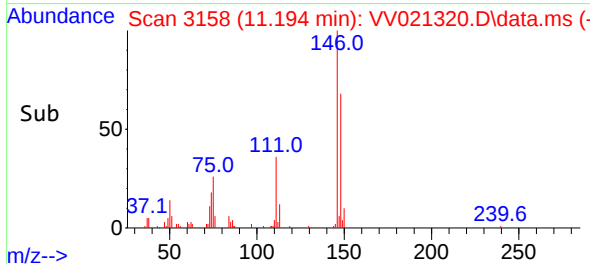
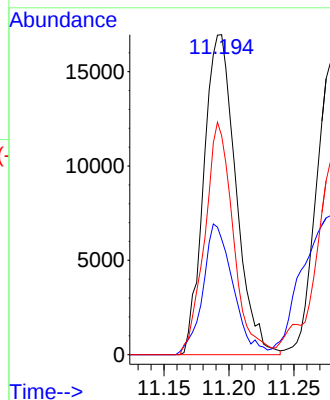
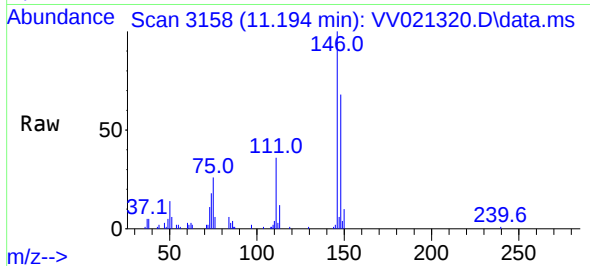
#64
1,3-Dichlorobenzene
Concen: 2.71 ug/L
RT: 11.194 min Scan# 3158
Delta R.T. 0.007 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

Tgt Ion:	146	Resp:	29139
Ion Ratio	Lower	Upper	
146	100		
111	36.1	27.6	51.2
148	68.5	45.1	83.7

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-06

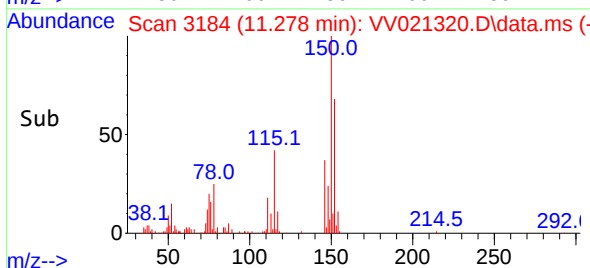
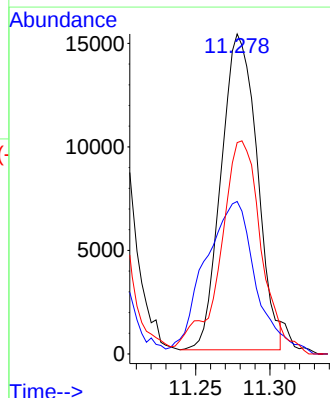
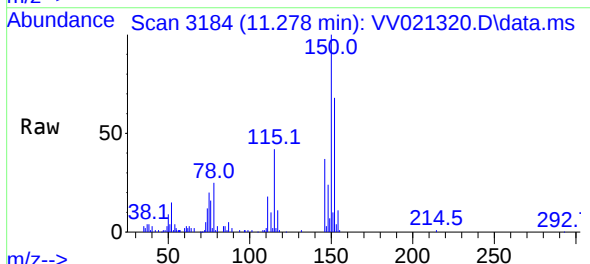
Manual Integrations
APPROVED

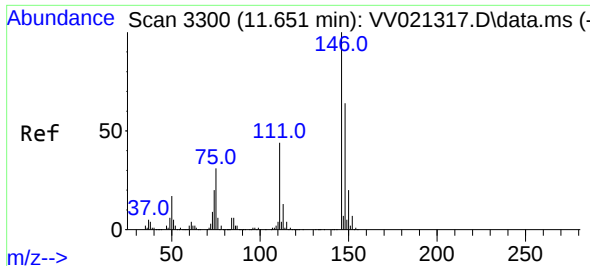
MMDadoda
5/11/2021 1:52:42 PM



#65
1,4-Dichlorobenzene
Concen: 2.34 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

Tgt Ion:	146	Resp:	25709
Ion Ratio	Lower	Upper	
146	100		
111	47.6	26.3	48.9
148	66.0	44.7	82.9





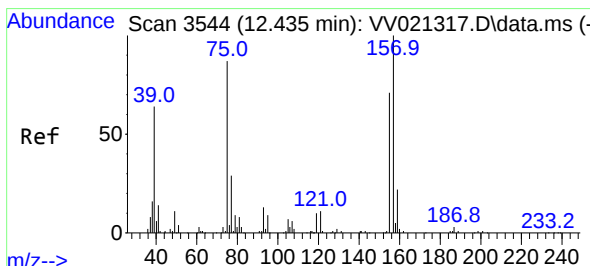
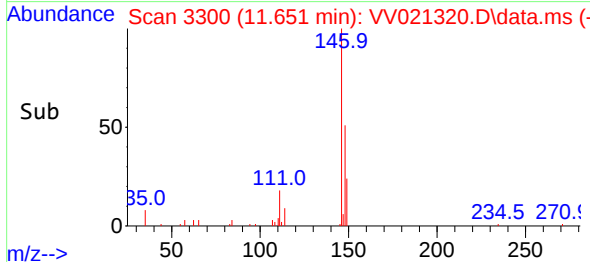
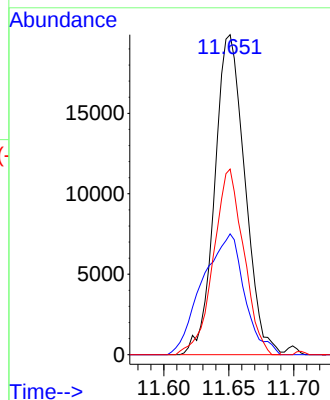
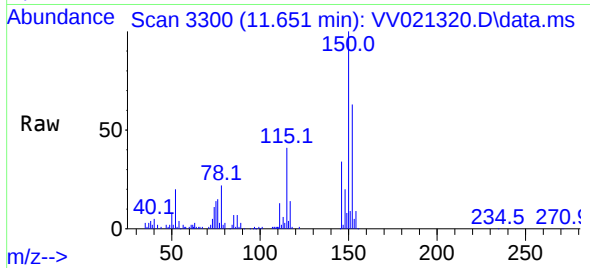
#67
1,2-Dichlorobenzene
Concen: 2.96 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.000 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

Tgt Ion:	146	Resp:	32105
Ion Ratio	Lower	Upper	
146	100		
111	37.7	33.2	49.8
148	58.0	50.6	75.8

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-06

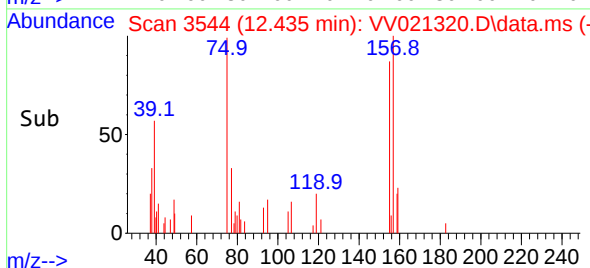
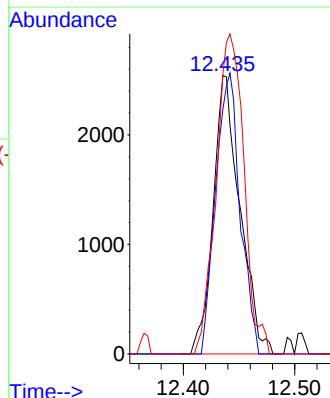
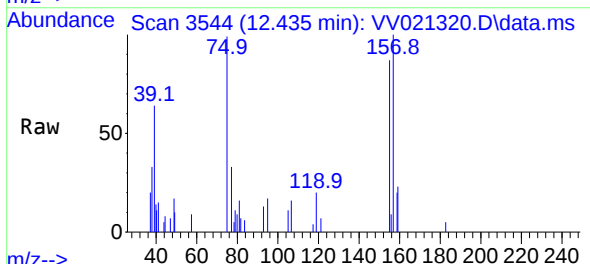
Manual Integrations
APPROVED

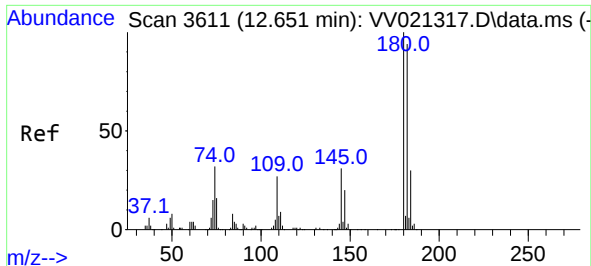
MMDadoda
5/11/2021 1:52:42 PM



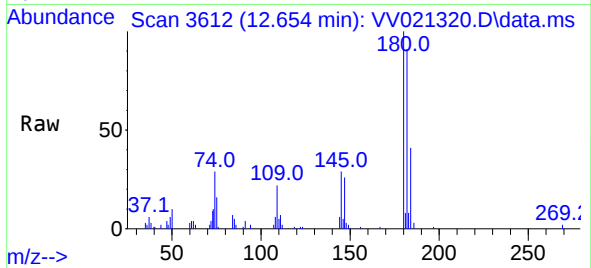
#68
1,2-Dibromo-3-chloropropane
Concen: 2.15 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. 0.000 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33

Tgt Ion:	75	Resp:	4245
Ion Ratio	Lower	Upper	
75	100		
155	88.0	72.8	109.2
157	100.7	94.6	142.0

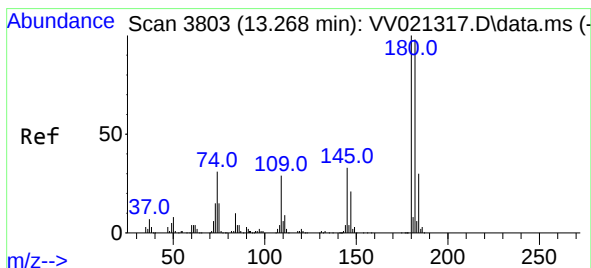
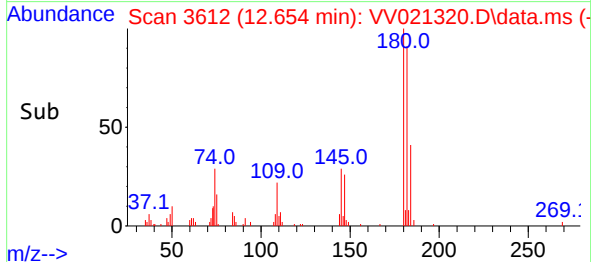
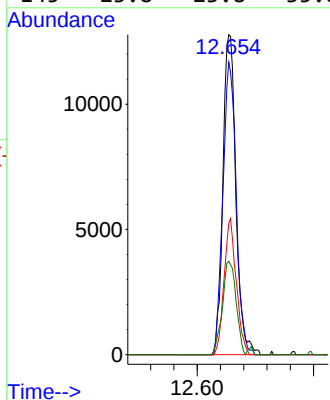




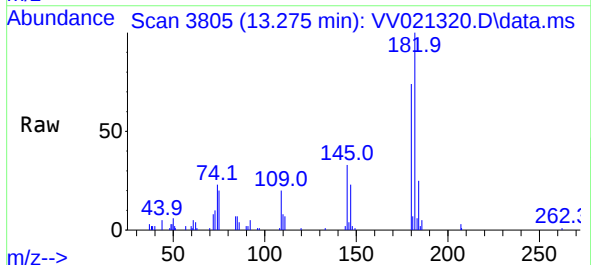
#69
1,3,5-Trichlorobenzene
Concen: 2.36 ug/L m
RT: 12.654 min Scan# 3612
Delta R.T. 0.003 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33



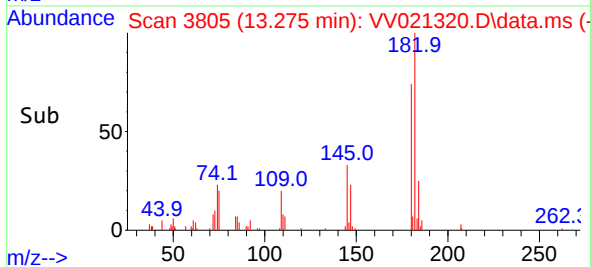
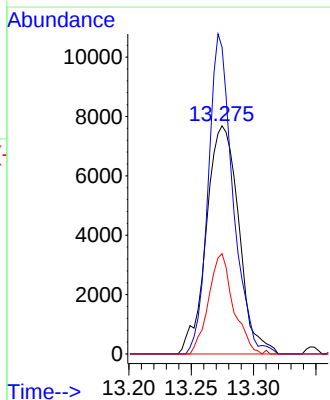
Tgt Ion:180 Resp: 19677
Ion Ratio Lower Upper
180 100
182 74.5 77.4 116.0#
184 21.4 24.1 36.1#
145 23.8 23.8 35.8#



#70
1,2,4-trichlorobenzene
Concen: 2.05 ug/L
RT: 13.275 min Scan# 3805
Delta R.T. 0.007 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33



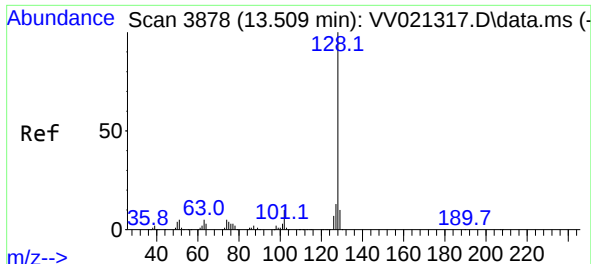
Tgt Ion:180 Resp: 13911
Ion Ratio Lower Upper
180 100
182 105.4 77.5 116.3
145 33.6 24.3 36.5



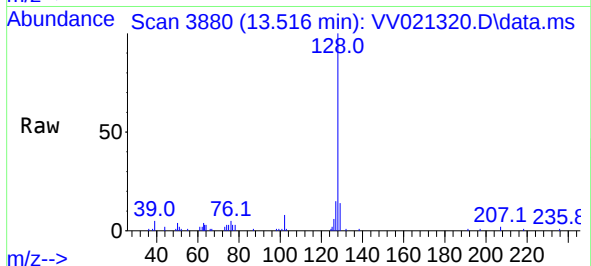
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-06

Manual Integrations
APPROVED

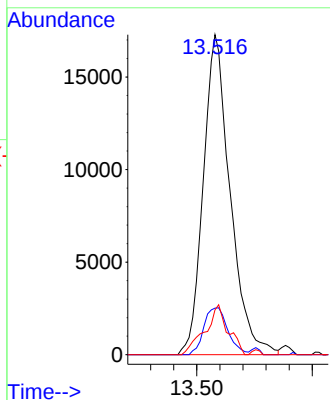
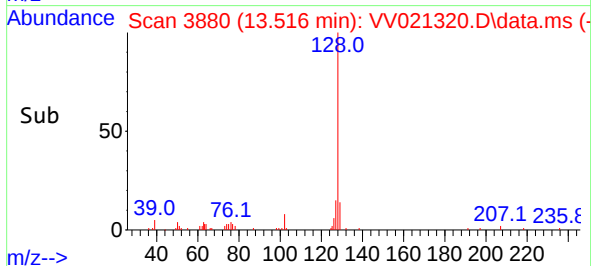
MMDadoda
5/11/2021 1:52:42 PM



#71
Naphthalene
Concen: 1.50 ug/L
RT: 13.516 min Scan# 3880
Delta R.T. 0.007 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33



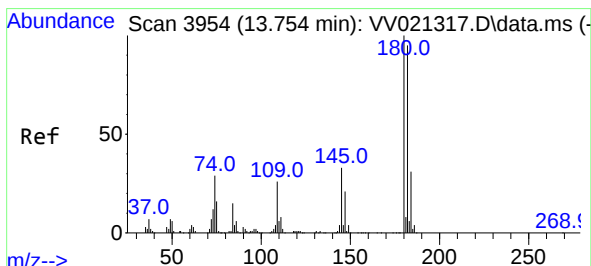
Tgt Ion:128 Resp: 27921
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.7 8.6 13.0



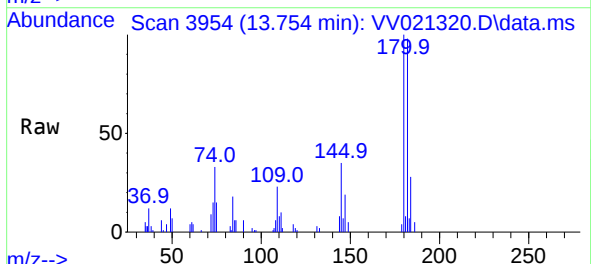
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT3-2021-06

Manual Integrations
APPROVED

MMDadoda
5/11/2021 1:52:42 PM



#72
1,2,3-Trichlorobenzene
Concen: 1.93 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. 0.000 min
Lab File: VV021320.D
Acq: 07 May 2021 12:33



Tgt Ion:180 Resp: 13207
Ion Ratio Lower Upper
180 100
182 99.8 75.9 113.9
145 40.1 25.0 37.6#

