

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081121\
 Data File : VW021771.D
 Acq On : 11 Aug 2021 13:28
 Operator : SY/MD
 Sample : M3263-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2021-07

Manual Integrations
 APPROVED

MMDadoda

8/12/2021 4:11:38 PM

Quant Time: Aug 12 03:39:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 12 03:04:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	196526	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	184205	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	91050	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	36977	4.914	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.565	69	45267	5.085	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.105	63	69088	4.049	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	3.918	46	152179	50.882	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.760%
24) Chloroform-d	4.349	84	118246	4.977	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.037	65	55350	5.092	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.050	84	244052	5.312	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
36) 1,2-Dichloropropane-d6	6.072	67	77848	5.253	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.317	98	221287	5.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
43) trans-1,3-Dichloroprop...	7.629	79	22623	4.967	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.400%
46) 2-Hexanone-d5	8.095	63	101774	45.802	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.600%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	45985	4.663	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	85062	5.403	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	3581	0.254	ug/L	97
3) Chloromethane	1.240	50	3060	0.253	ug/L	97
5) Vinyl chloride	1.307	62	3299	0.259	ug/L #	69
6) Bromomethane	1.520	94	2185	0.272	ug/L	99
8) Chloroethane	1.581	64	2208	0.276	ug/L	92
9) Trichlorofluoromethane	1.748	101	4518	0.241	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	3196	0.317	ug/L	88
12) 1,1-Dichloroethene	2.114	96	2769	0.306	ug/L #	1
13) Acetone	2.253	43	5924m	3.130	ug/L	
14) Carbon disulfide	2.288	76	6964	0.263	ug/L	99
16) Methylene chloride	2.507	84	6513	0.398	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	6733	0.237	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	2753	0.236	ug/L	96
19) 1,1-Dichloroethane	3.191	63	5351	0.246	ug/L	93
21) 2-Butanone	4.021	43	7288m	2.359	ug/L	
22) cis-1,2-Dichloroethene	3.918	96	3103	0.236	ug/L	88
23) Bromochloromethane	4.259	128	1339	0.226	ug/L	91
25) Chloroform	4.378	83	8204	0.353	ug/L	97
27) 1,2-Dichloroethane	5.140	62	2916	0.235	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081121\
 Data File : VV021771.D
 Acq On : 11 Aug 2021 13:28
 Operator : SY/MD
 Sample : M3263-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2021-07

Manual Integrations
 APPROVED

MMDadoda

8/12/2021 4:11:38 PM

Quant Time: Aug 12 03:39:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 12 03:04:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.609	97	4509	0.229	ug/L	99
30) Cyclohexane	4.677	56	4362	0.247	ug/L #	89
31) Carbon tetrachloride	4.828	117	3827	0.226	ug/L	92
33) Benzene	5.108	78	11035	0.234	ug/L	100
34) Trichloroethene	5.921	95	3565	0.269	ug/L	88
35) Methylcyclohexane	6.130	83	4902	0.256	ug/L	97
37) 1,2-Dichloropropane	6.178	63	3172	0.265	ug/L	100
38) Bromodichloromethane	6.519	83	3344	0.216	ug/L #	85
39) cis-1,3-Dichloropropene	7.037	75	4516	0.261	ug/L	94
40) 4-Methyl-2-pentanone	7.240	43	15444	2.098	ug/L #	86
42) Toluene	7.394	91	14943	0.293	ug/L	93
44) trans-1,3-Dichloropropene	7.661	75	4477	0.305	ug/L	94
45) 1,1,2-Trichloroethane	7.847	97	2120	0.237	ug/L	93
47) Tetrachloroethene	7.982	164	2599	0.252	ug/L	95
48) 2-Hexanone	8.149	43	28378	5.594	ug/L #	84
49) Dibromochloromethane	8.249	129	2119	0.199	ug/L	88
50) 1,2-Dibromoethane	8.362	107	1789	0.214	ug/L #	98
51) Chlorobenzene	8.886	112	8182	0.241	ug/L	90
52) Ethylbenzene	9.018	91	13354	0.243	ug/L	100
53) m,p-xylene	9.146	106	5163	0.240	ug/L	98
54) o-xylene	9.548	106	5023	0.237	ug/L	87
55) Styrene	9.571	104	7482	0.213	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.246	83	2157	0.234	ug/L #	99
59) Bromoform	9.738	173	1044	0.192	ug/L #	88
60) Isopropylbenzene	9.937	105	12823	0.239	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	1670	0.238	ug/L	94
62) 1,3,5-Trimethylbenzene	10.545	105	10277	0.230	ug/L	95
63) 1,2,4-Trimethylbenzene	10.921	105	11577	0.255	ug/L	96
64) 1,3-Dichlorobenzene	11.188	146	6866	0.264	ug/L	95
65) 1,4-Dichlorobenzene	11.278	146	6295	0.244	ug/L	92
67) 1,2-Dichlorobenzene	11.648	146	6852	0.282	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.439	75	181	0.137	ug/L #	36
69) 1,3,5-Trichlorobenzene	12.651	180	4931	0.244	ug/L	97
70) 1,2,4-trichlorobenzene	13.265	180	3517	0.220	ug/L	91
71) Naphthalene	13.513	128	4694	0.198	ug/L	98
72) 1,2,3-Trichlorobenzene	13.747	180	3353	0.239	ug/L	84

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081121\
 Data File : VV021771.D
 Acq On : 11 Aug 2021 13:28
 Operator : SY/MD
 Sample : M3263-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

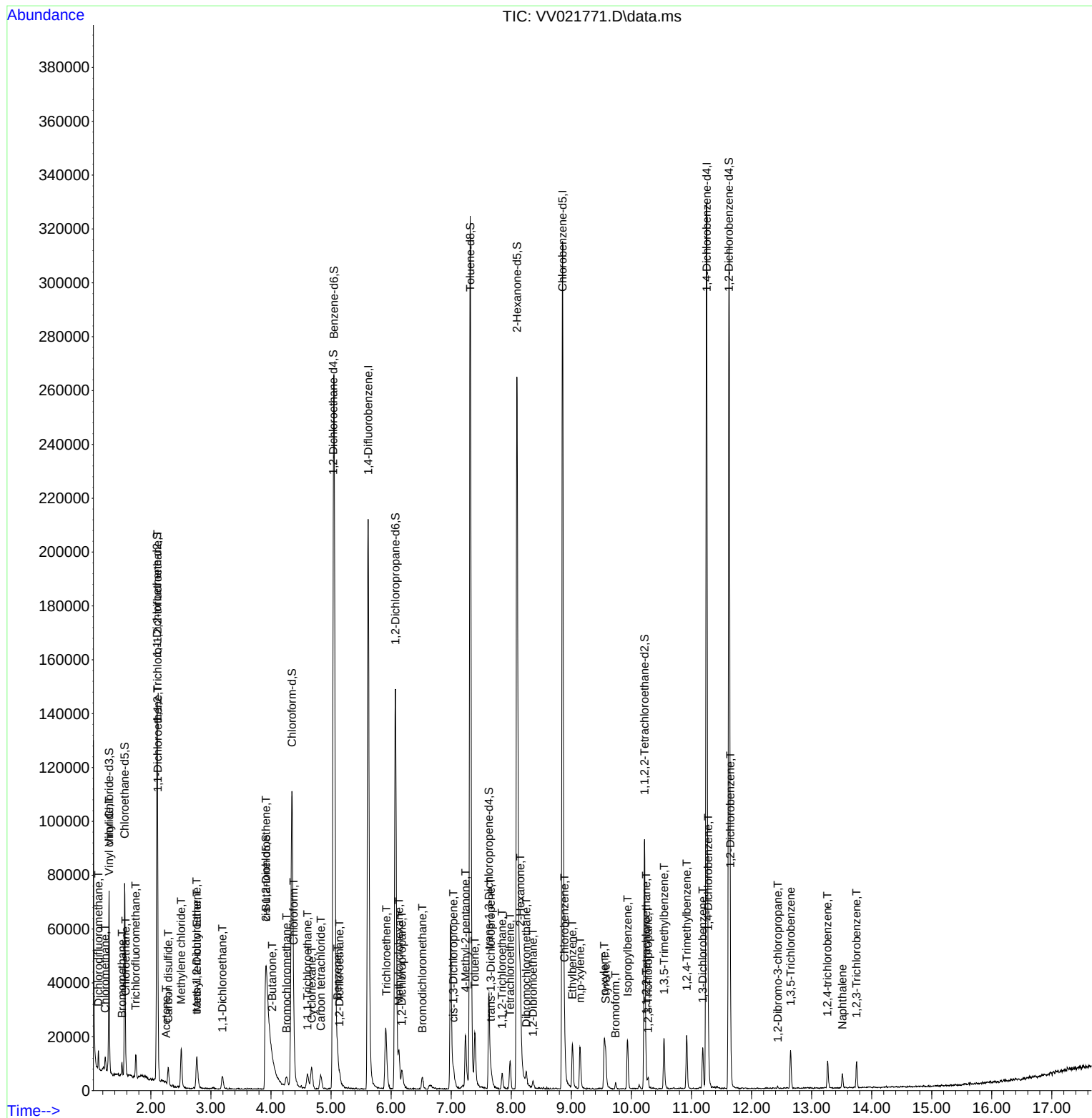
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2021-07

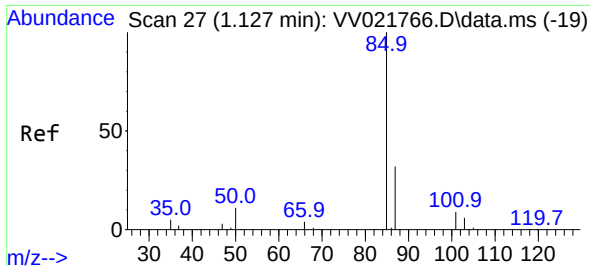
Manual Integrations
 APPROVED

MMDadoda

8/12/2021 4:11:38 PM

Quant Time: Aug 12 03:39:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 12 03:04:55 2021
 Response via : Initial Calibration





#2
 Dichlorodifluoromethane
 Concen: 0.254 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV021771.D
 Acq: 11 Aug 2021 13:28

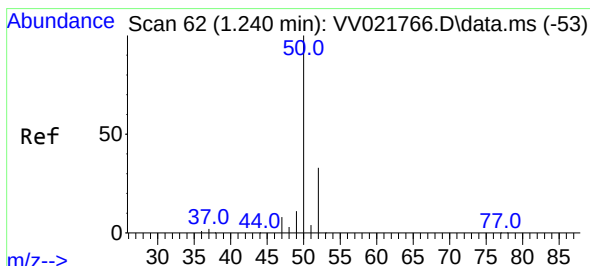
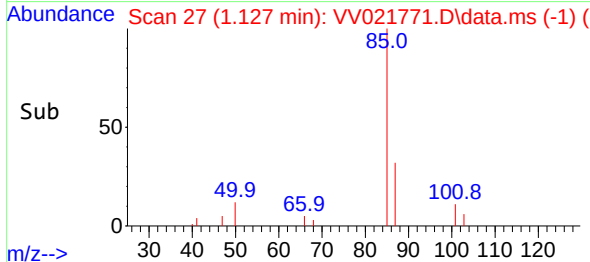
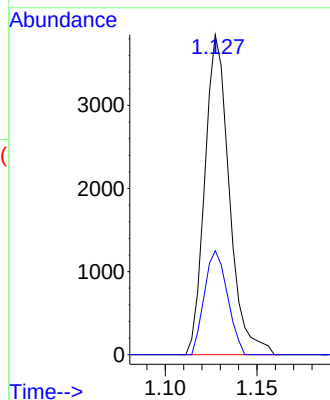
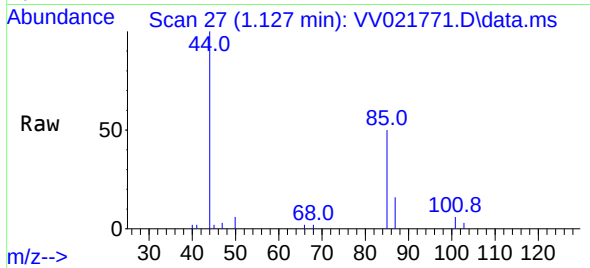
Tgt Ion: 85 Resp: 3581
 Ion Ratio Lower Upper
 85 100
 87 30.5 25.5 38.3

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2021-07

Manual Integrations
 APPROVED

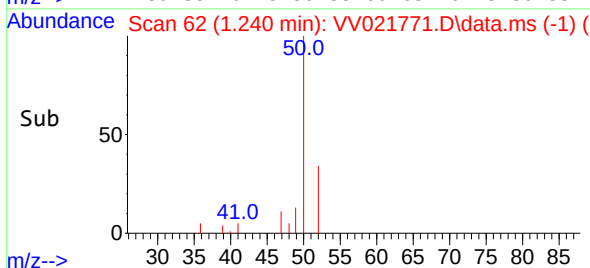
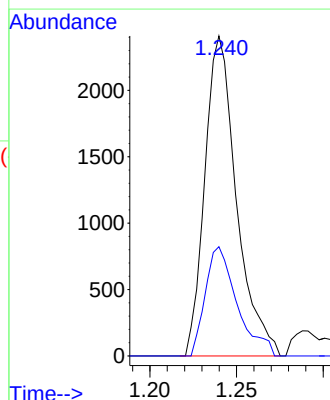
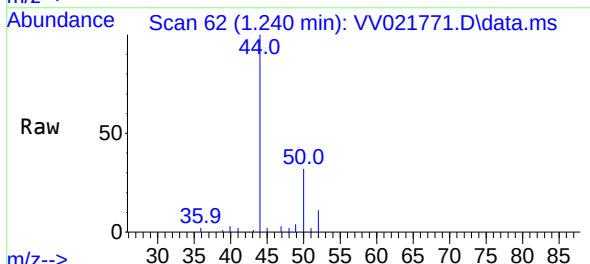
MMDadoda

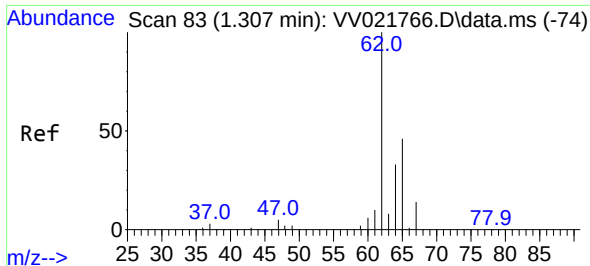
8/12/2021 4:11:38 PM



#3
 Chloromethane
 Concen: 0.253 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV021771.D
 Acq: 11 Aug 2021 13:28

Tgt Ion: 50 Resp: 3060
 Ion Ratio Lower Upper
 50 100
 52 34.1 22.7 42.3





#5
 Vinyl chloride
 Concen: 0.259 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV021771.D
 Acq: 11 Aug 2021 13:28

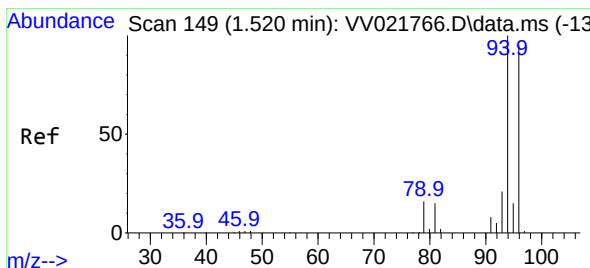
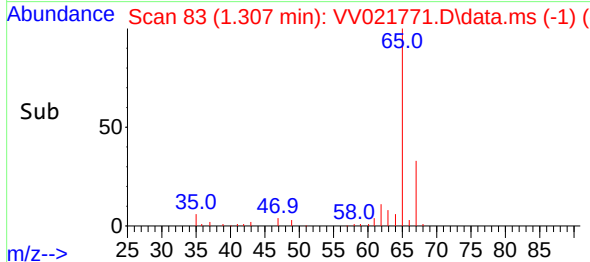
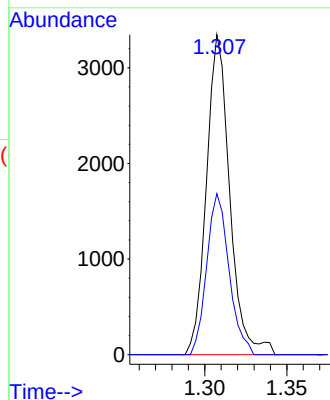
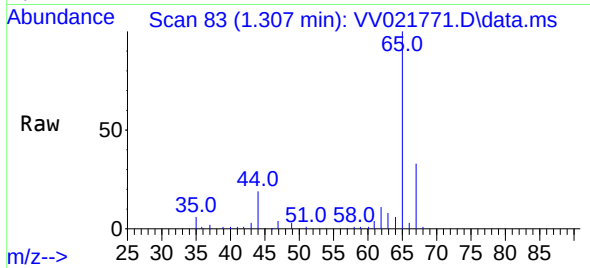
Tgt Ion: 62 Resp: 3299
 Ion Ratio Lower Upper
 62 100
 64 50.3 23.0 42.8#

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2021-07

Manual Integrations
 APPROVED

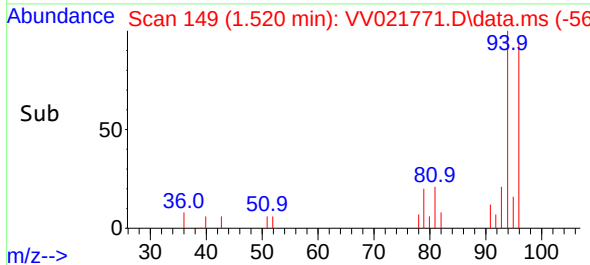
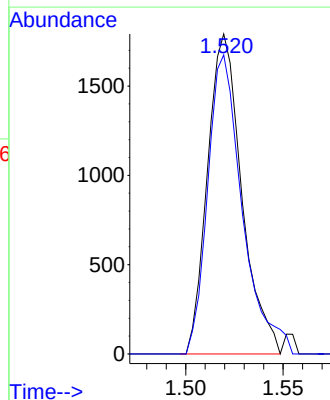
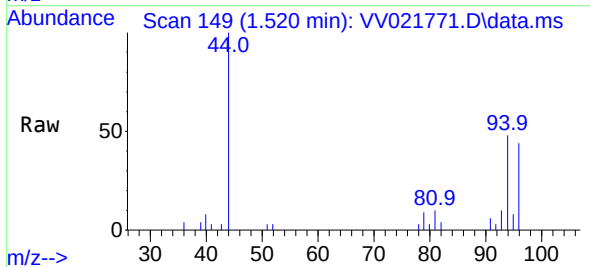
MMDadoda

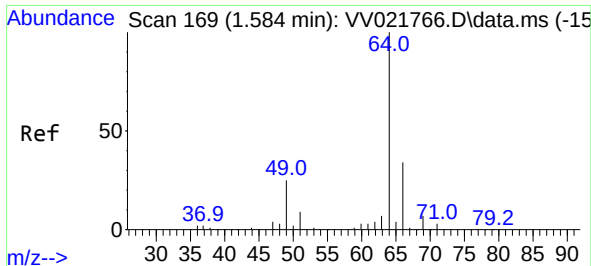
8/12/2021 4:11:38 PM



#6
 Bromomethane
 Concen: 0.272 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV021771.D
 Acq: 11 Aug 2021 13:28

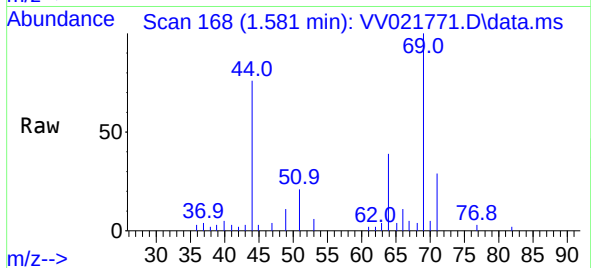
Tgt Ion: 94 Resp: 2185
 Ion Ratio Lower Upper
 94 100
 96 93.5 66.2 123.0



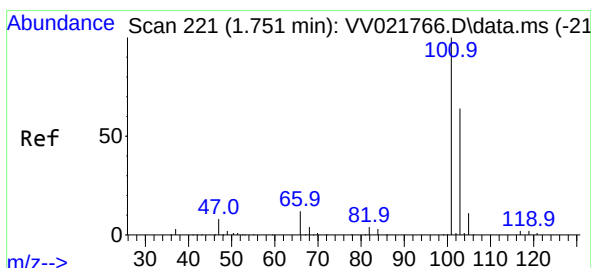
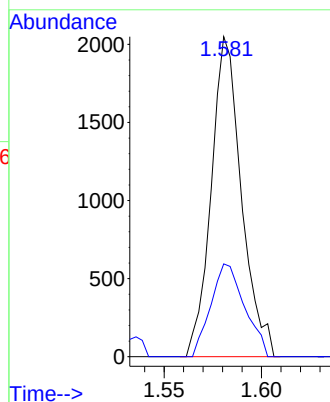
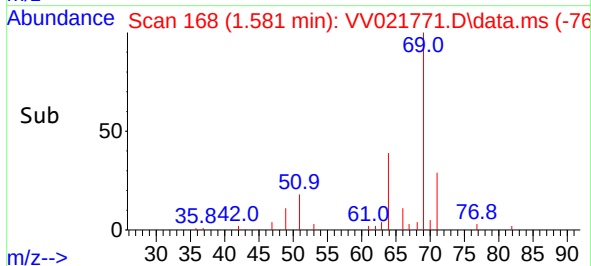


#8
Chloroethane
Concen: 0.276 ug/L
RT: 1.581 min Scan# 168
Delta R.T. -0.003 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28

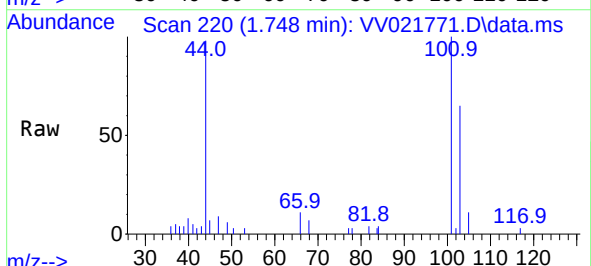
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2021-07



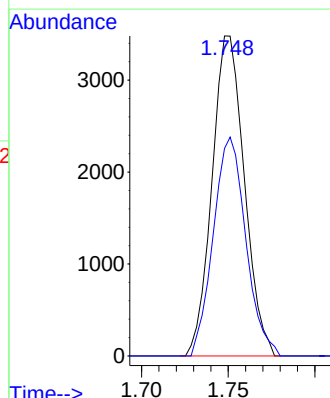
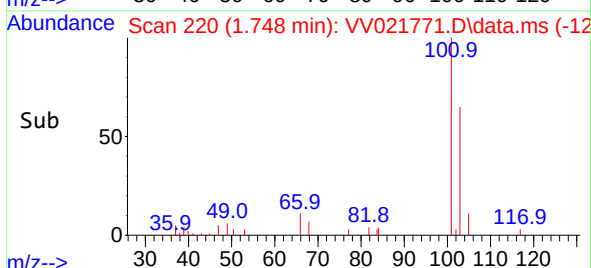
Tgt Ion: 64 Resp: 2208
Ion Ratio Lower Upper
64 100
66 29.0 23.5 43.7

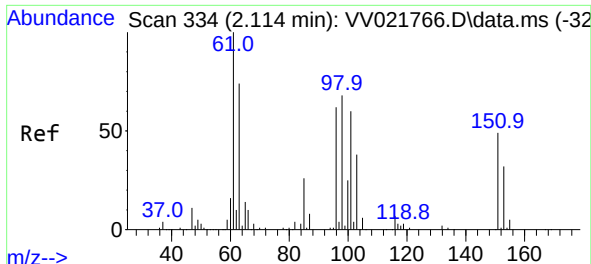


#9
Trichlorofluoromethane
Concen: 0.241 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28



Tgt Ion: 101 Resp: 4518
Ion Ratio Lower Upper
101 100
103 68.7 51.0 76.6





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.317 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28

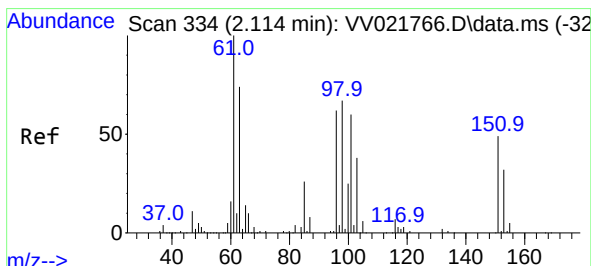
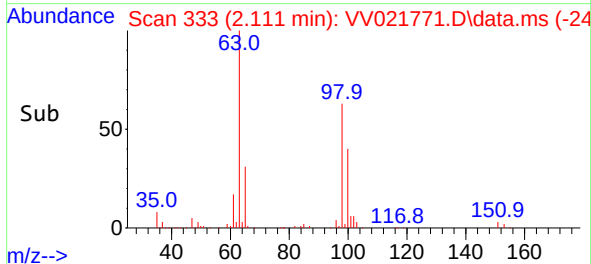
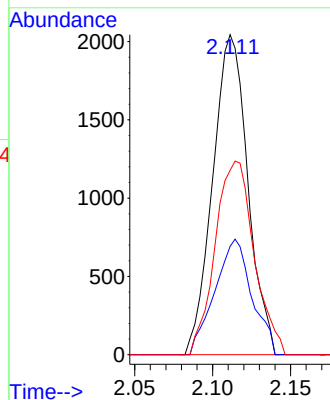
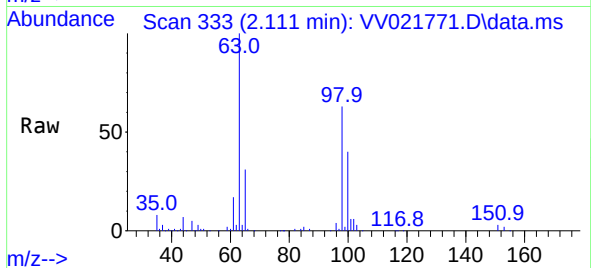
Tgt Ion: 101 Resp: 3196
Ion Ratio Lower Upper
101 100
85 38.2 34.3 51.5
151 67.2 64.5 96.7

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2021-07

Manual Integrations
APPROVED

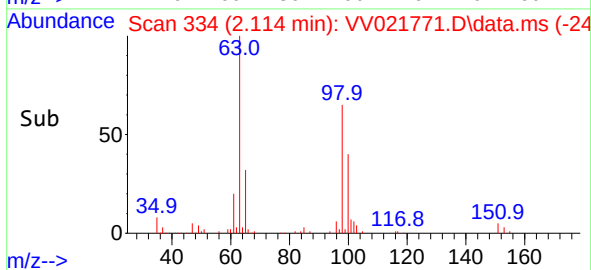
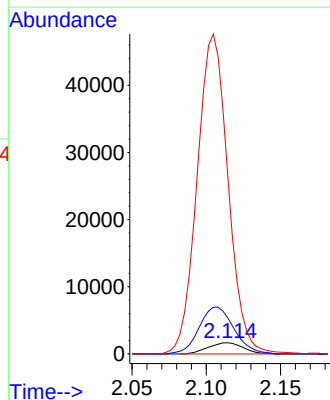
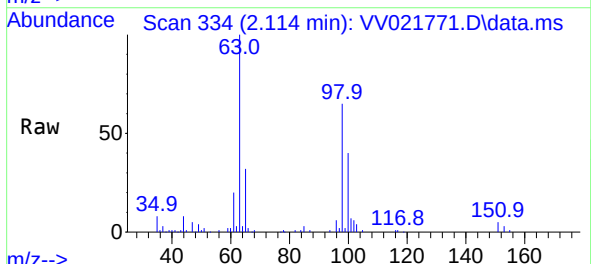
MMDadoda

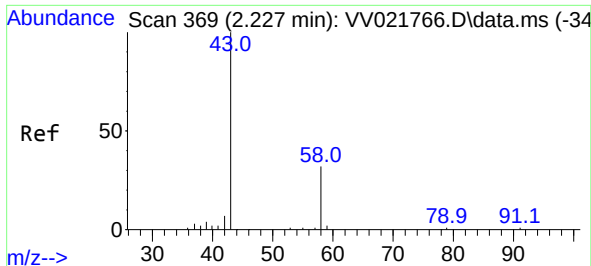
8/12/2021 4:11:38 PM



#12
1,1-Dichloroethene
Concen: 0.306 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28

Tgt Ion: 96 Resp: 2769
Ion Ratio Lower Upper
96 100
61 322.3 113.3 210.3#
63 1594.7 84.1 156.1#





#13
Acetone
Concen: 3.130 ug/L m
RT: 2.253 min Scan# 377
Delta R.T. 0.026 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28

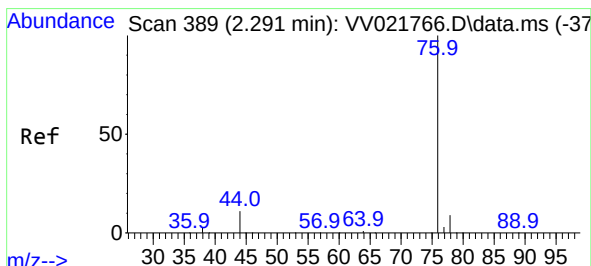
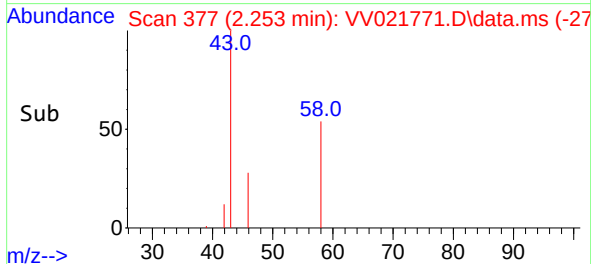
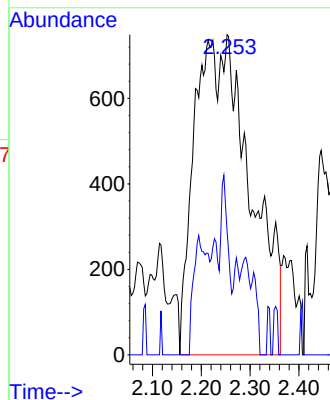
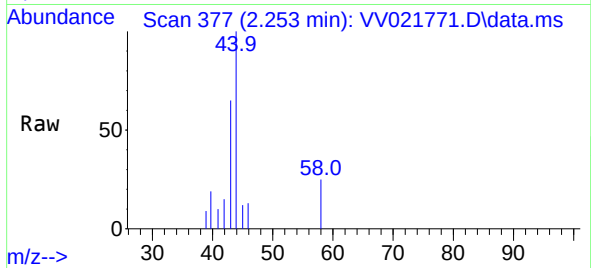
Tgt Ion: 43 Resp: 5924
Ion Ratio Lower Upper
43 100
58 4.7 0.0 64.2

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2021-07

Manual Integrations
APPROVED

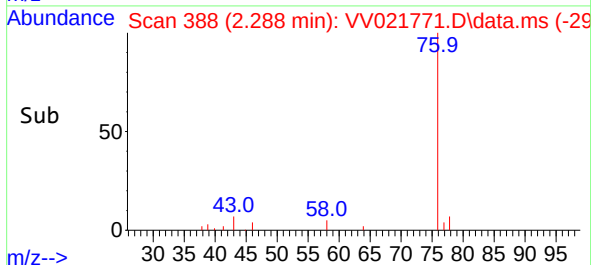
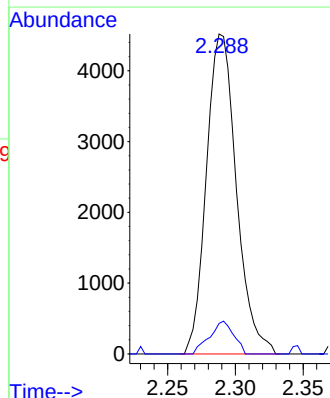
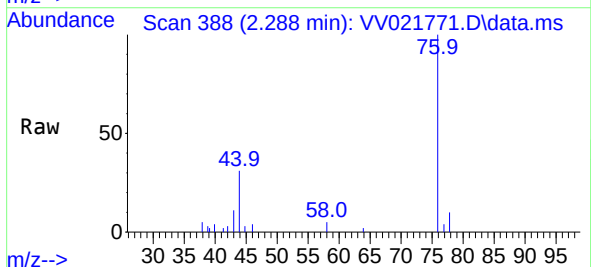
MMDadoda

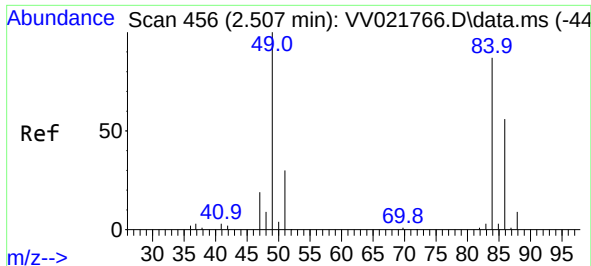
8/12/2021 4:11:38 PM



#14
Carbon disulfide
Concen: 0.263 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.003 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28

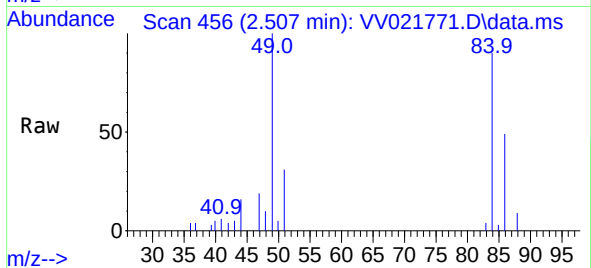
Tgt Ion: 76 Resp: 6964
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2





#16
Methylene chloride
Concen: 0.398 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2021-07



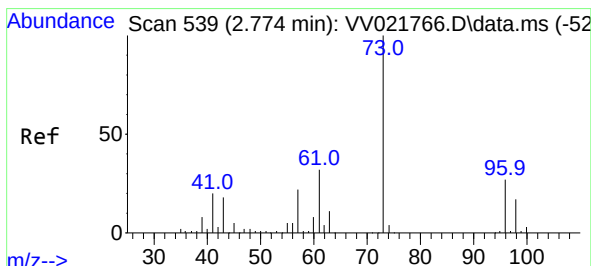
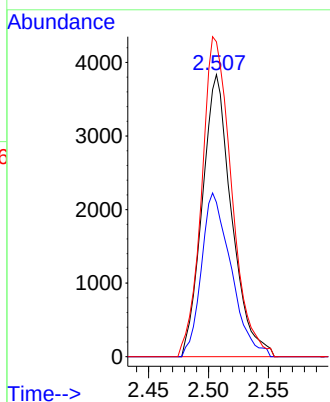
Tgt Ion: 84 Resp: 6513

Ion	Ratio	Lower	Upper
84	100		
86	54.7	44.7	83.1
49	111.6	80.2	149.0

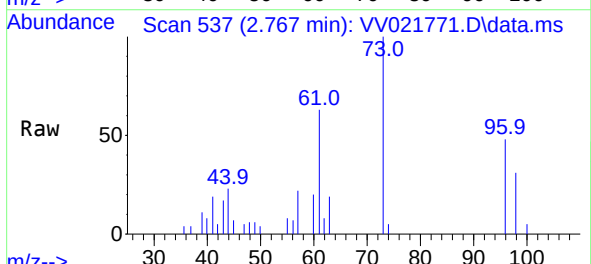
Manual Integrations
APPROVED

MMDadoda

8/12/2021 4:11:38 PM

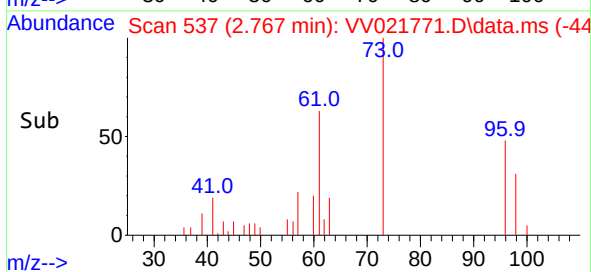
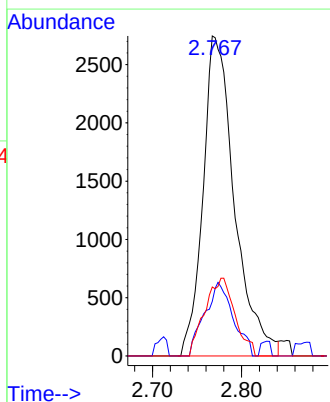


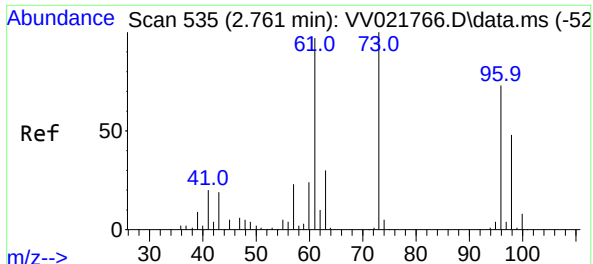
#17
Methyl tert-butyl Ether
Concen: 0.237 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.006 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28



Tgt Ion: 73 Resp: 6733

Ion	Ratio	Lower	Upper
73	100		
43	20.9	14.6	22.0
57	23.2	17.8	26.8





#18
trans-1,2-Dichloroethene
Concen: 0.236 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28

Tgt Ion: 96 Resp: 2753

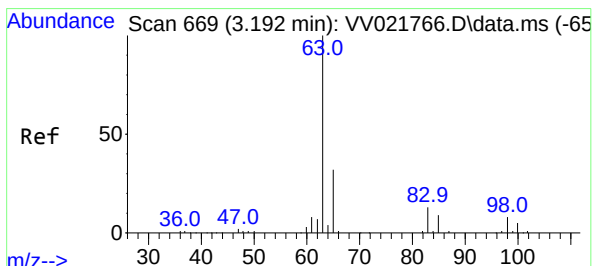
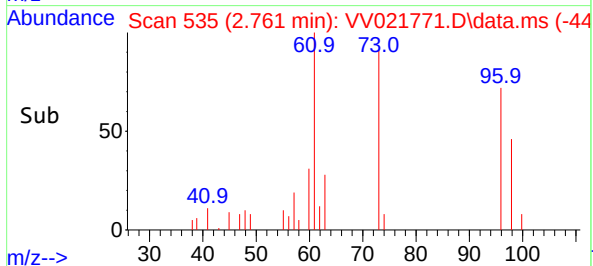
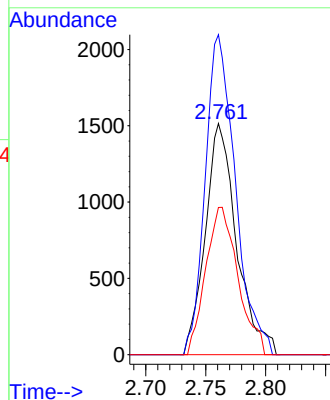
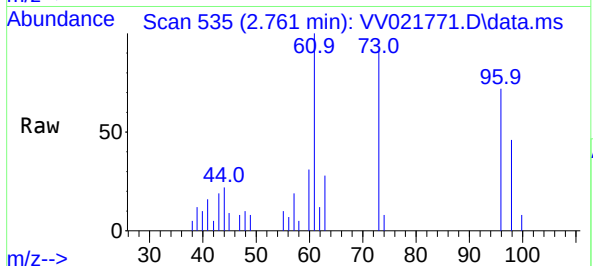
Ion	Ratio	Lower	Upper
96	100		
61	138.4	92.9	172.5
98	63.7	46.2	85.8

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2021-07

Manual Integrations
APPROVED

MMDadoda

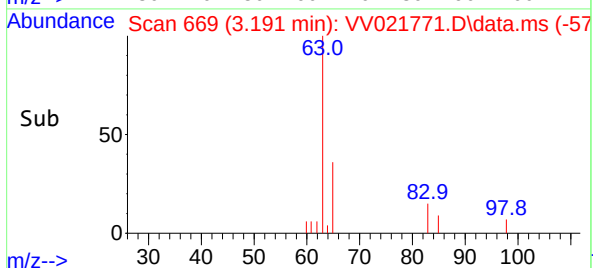
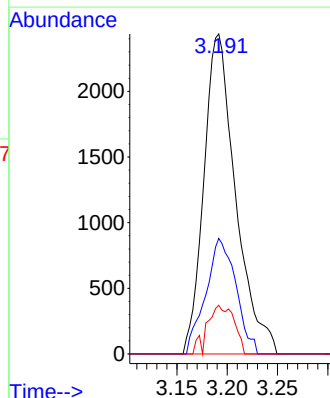
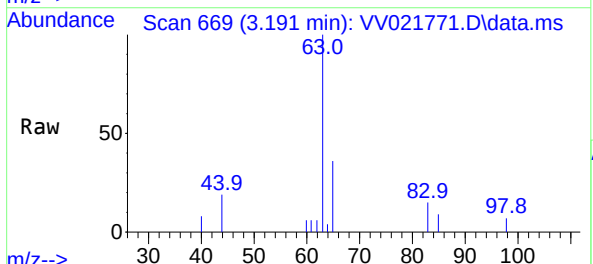
8/12/2021 4:11:38 PM

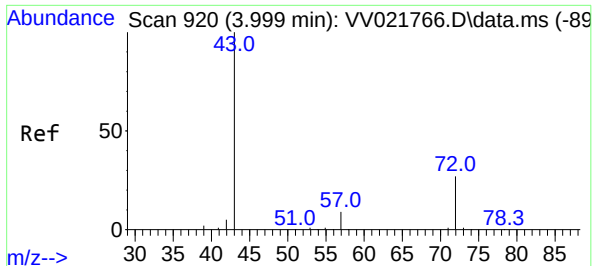


#19
1,1-Dichloroethane
Concen: 0.246 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.000 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28

Tgt Ion: 63 Resp: 5351

Ion	Ratio	Lower	Upper
63	100		
65	36.1	22.5	41.7
83	15.2	9.2	17.0





#21
2-Butanone
Concen: 2.359 ug/L m
RT: 4.021 min Scan# 927
Delta R.T. 0.022 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28

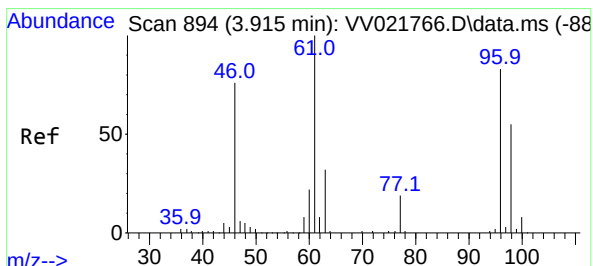
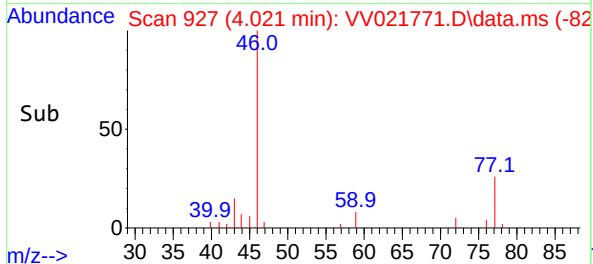
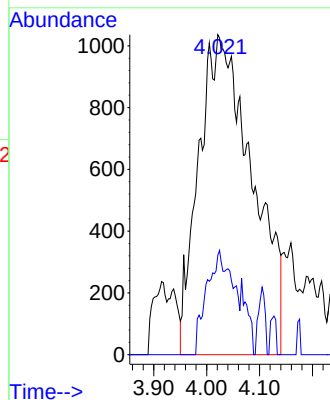
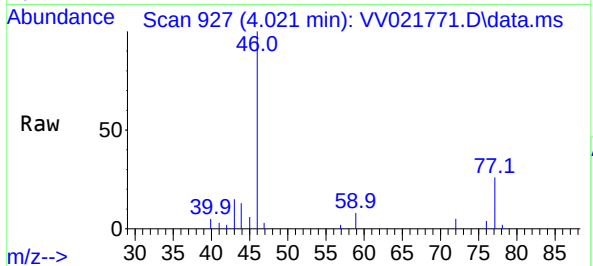
Tgt Ion: 43 Resp: 7288
Ion Ratio Lower Upper
43 100
72 0.0 13.1 39.1#

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2021-07

Manual Integrations
APPROVED

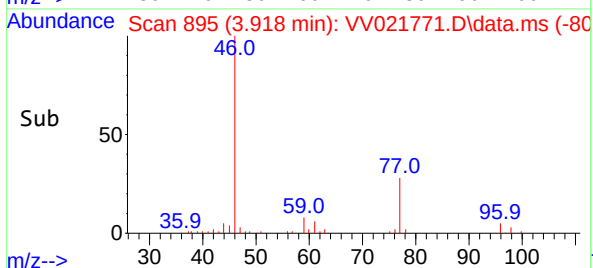
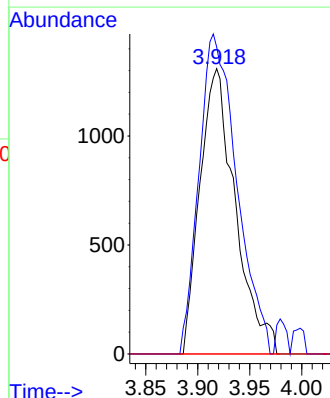
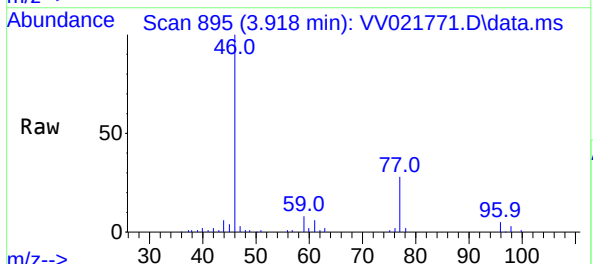
MMDadoda

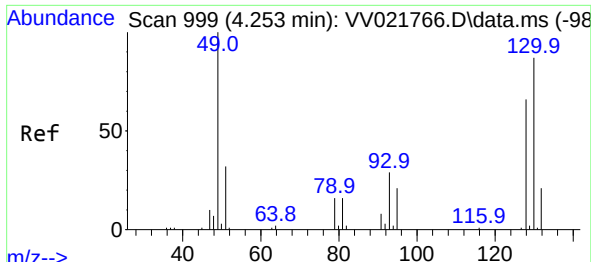
8/12/2021 4:11:38 PM



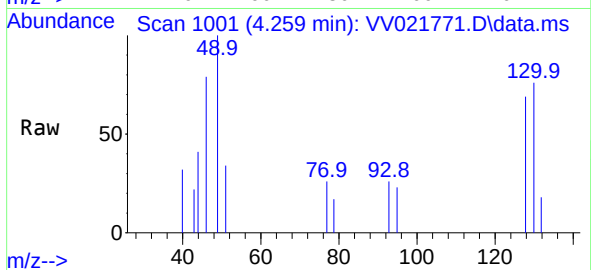
#22
cis-1,2-Dichloroethene
Concen: 0.236 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.003 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28

Tgt Ion: 96 Resp: 3103
Ion Ratio Lower Upper
96 100
61 107.6 84.5 156.9
68 0.0 0.0 0.0

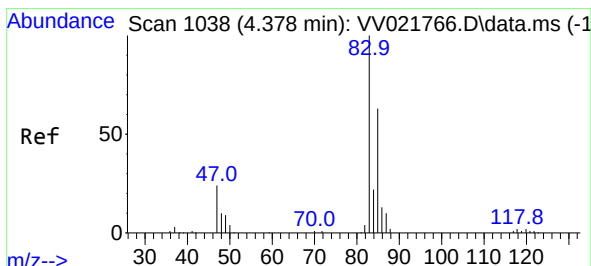
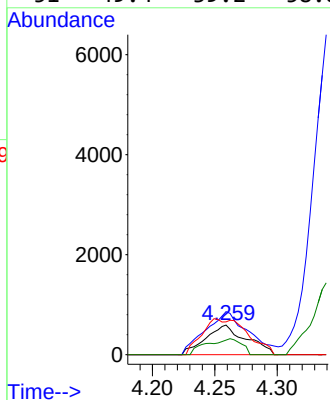
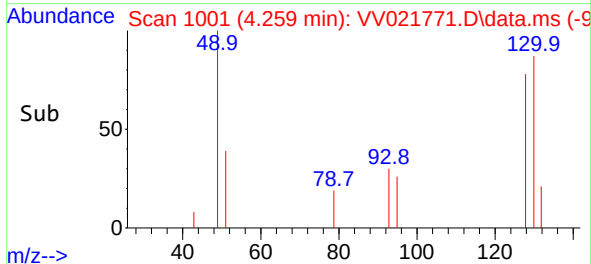




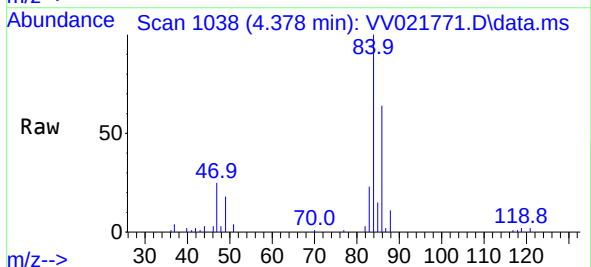
#23
Bromochloromethane
Concen: 0.226 ug/L
RT: 4.259 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28



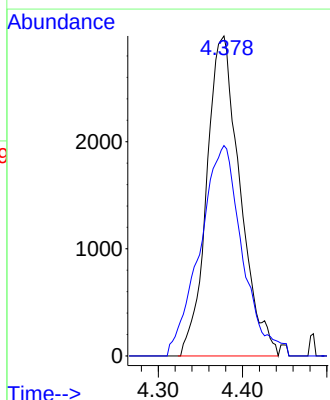
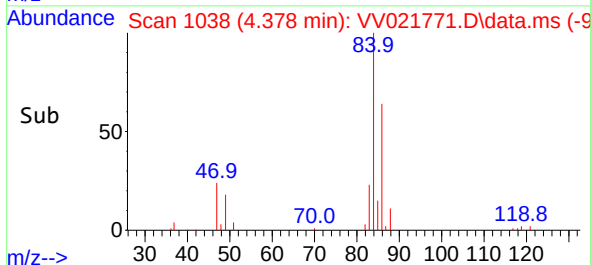
Tgt Ion: 128 Resp: 1339
Ion Ratio Lower Upper
128 100
49 145.9 106.0 196.9
130 110.8 92.0 170.8
51 49.4 39.2 58.8



#25
Chloroform
Concen: 0.353 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28



Tgt Ion: 83 Resp: 8204
Ion Ratio Lower Upper
83 100
85 65.8 44.2 82.2

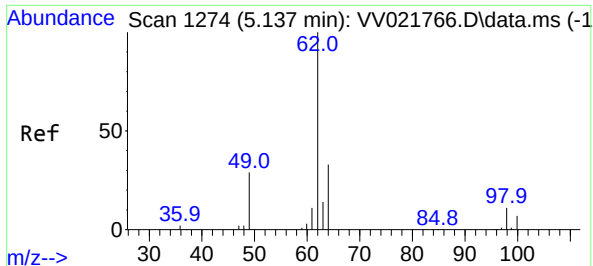


Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2021-07

Manual Integrations
APPROVED

MMDadoda

8/12/2021 4:11:38 PM



#27
1,2-Dichloroethane
Concen: 0.235 ug/L
RT: 5.140 min Scan# 1275
Delta R.T. 0.003 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28

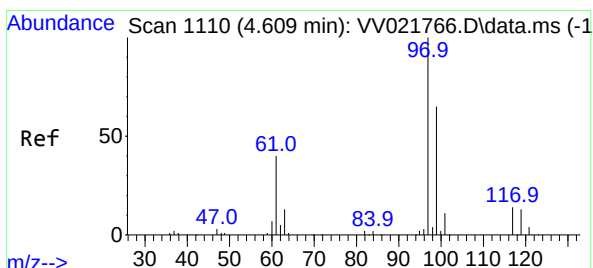
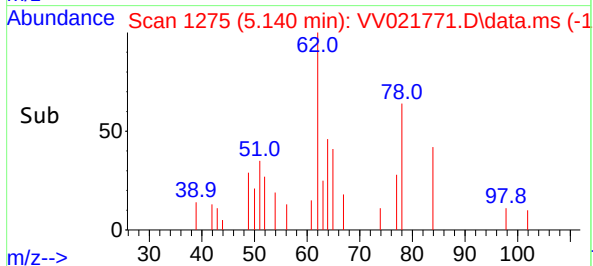
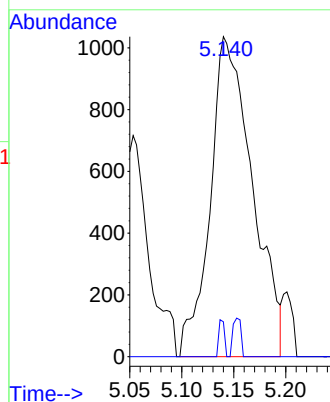
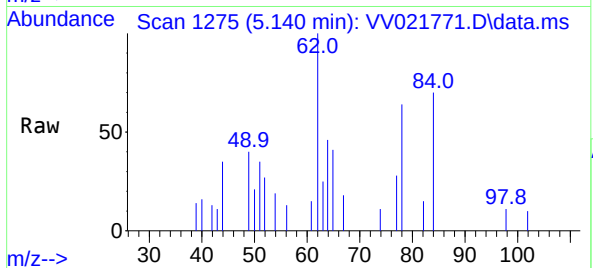
Tgt Ion: 62 Resp: 2916
Ion Ratio Lower Upper
62 100
98 10.9 9.0 13.6

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2021-07

Manual Integrations
APPROVED

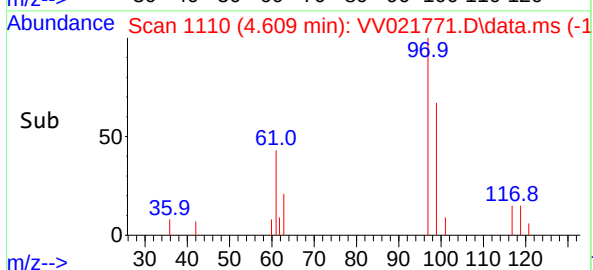
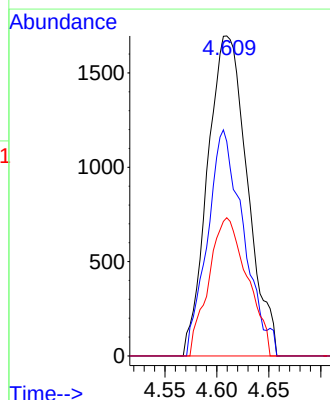
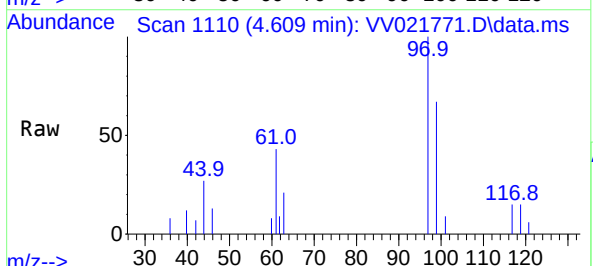
MMDadoda

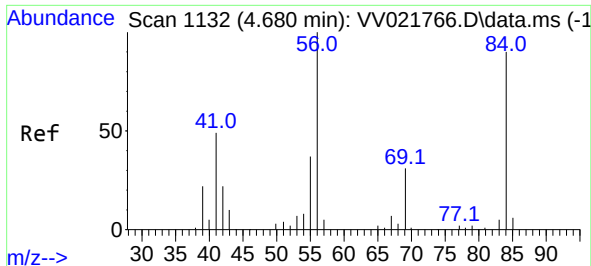
8/12/2021 4:11:38 PM



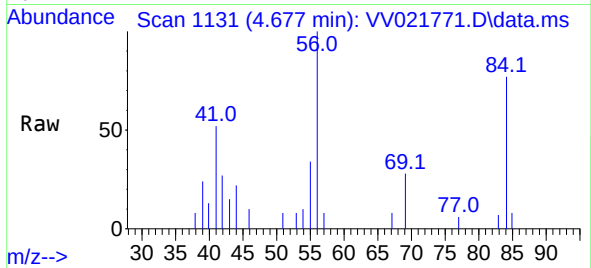
#29
1,1,1-Trichloroethane
Concen: 0.229 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28

Tgt Ion: 97 Resp: 4509
Ion Ratio Lower Upper
97 100
99 64.3 52.0 78.0
61 42.0 32.6 48.8

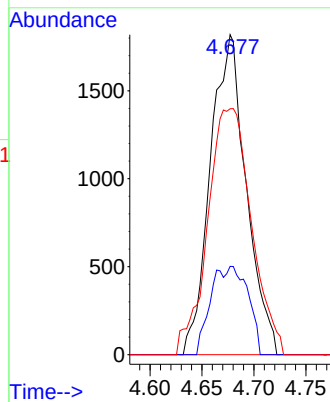
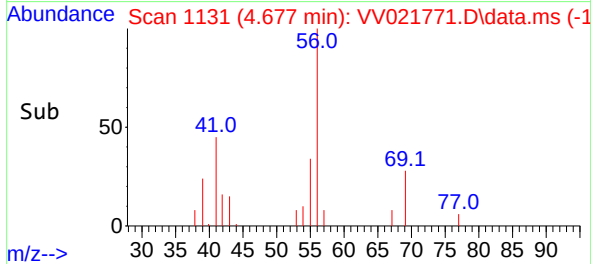




#30
Cyclohexane
Concen: 0.247 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28



Tgt Ion: 56 Resp: 4362
Ion Ratio Lower Upper
56 100
69 11.4 24.2 36.2#
84 93.6 72.7 109.1

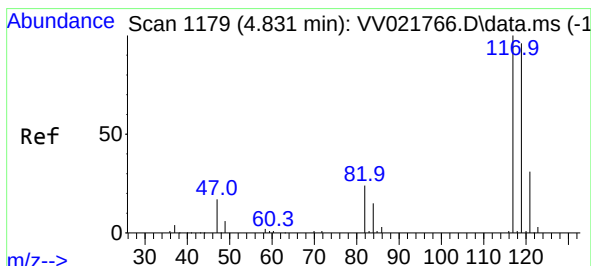


Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2021-07

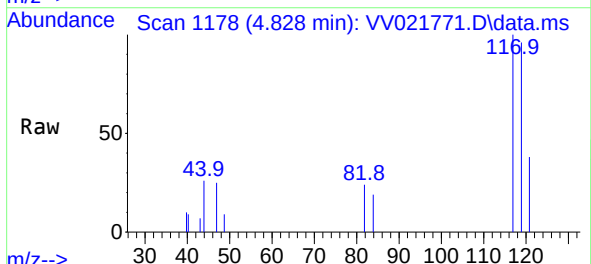
Manual Integrations
APPROVED

MMDadoda

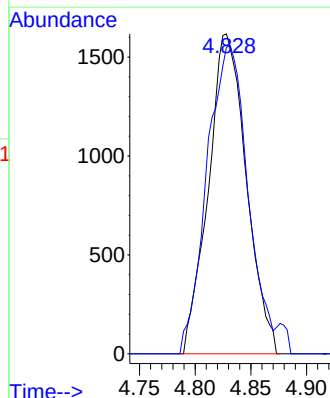
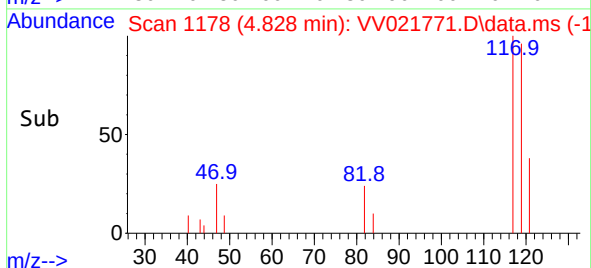
8/12/2021 4:11:38 PM

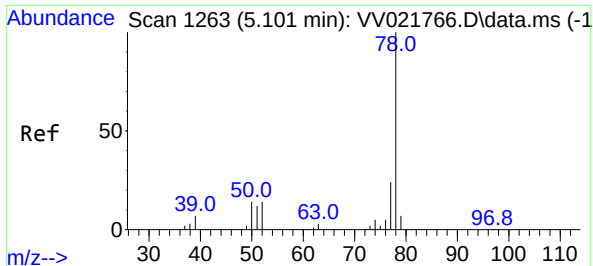


#31
Carbon tetrachloride
Concen: 0.226 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28



Tgt Ion: 117 Resp: 3827
Ion Ratio Lower Upper
117 100
119 104.2 77.3 115.9





#33
Benzene
Concen: 0.234 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28

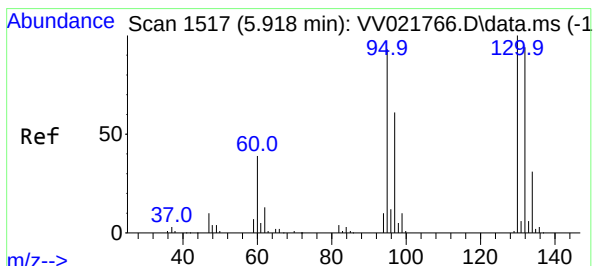
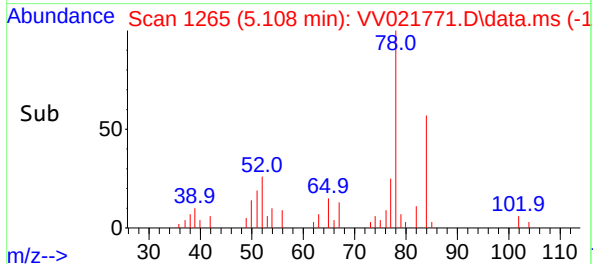
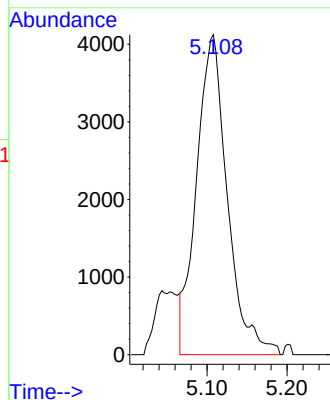
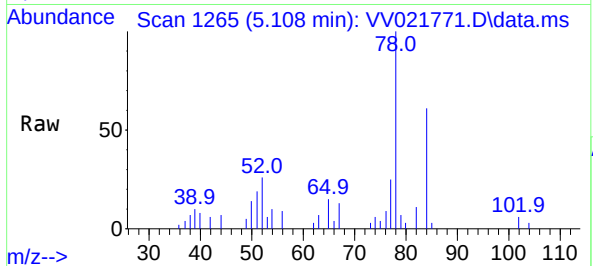
Tgt Ion: 78 Resp: 11035

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2021-07

Manual Integrations
APPROVED

MMDadoda

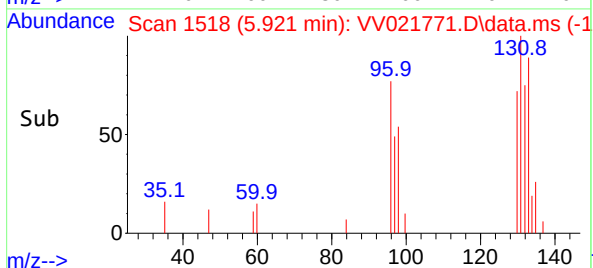
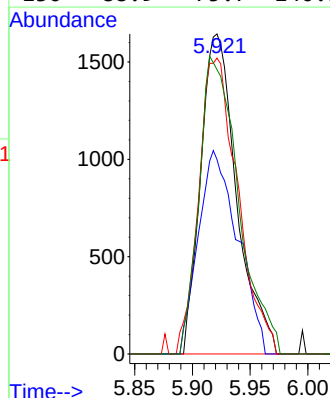
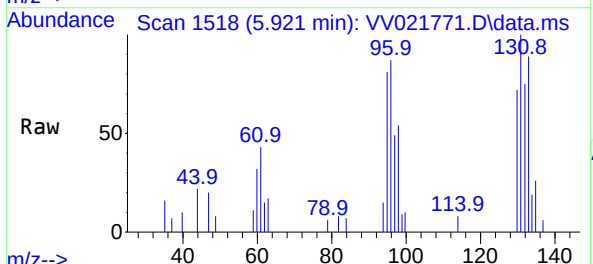
8/12/2021 4:11:38 PM

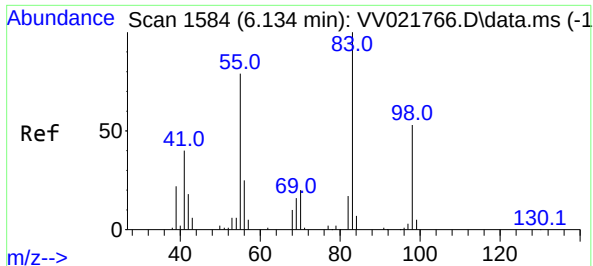


#34
Trichloroethene
Concen: 0.269 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28

Tgt Ion: 95 Resp: 3565

Ion	Ratio	Lower	Upper
95	100		
97	60.8	46.1	85.5
132	92.5	71.4	132.6
130	88.9	75.7	140.5





#35
Methylcyclohexane
Concen: 0.256 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.003 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28

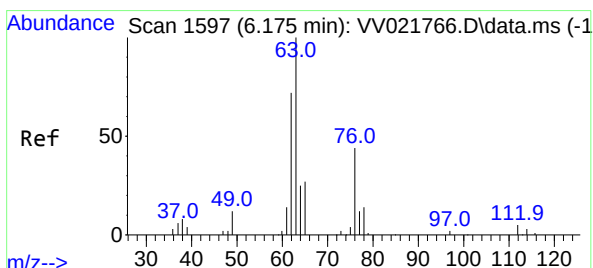
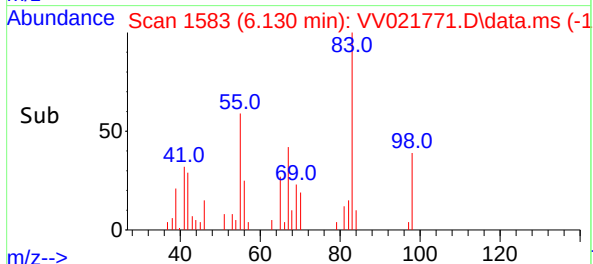
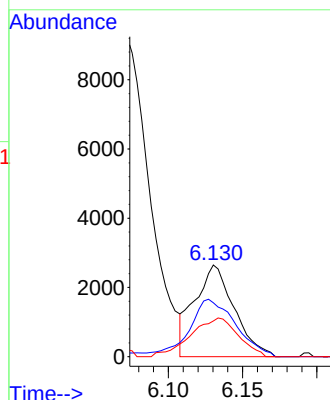
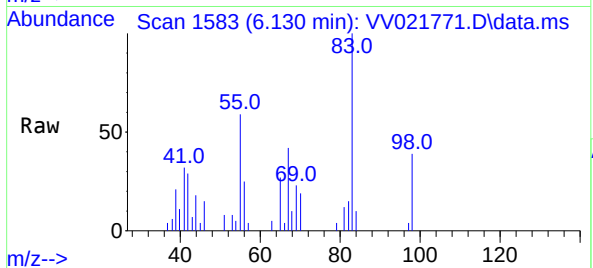
Tgt Ion:	83	Resp:	4902
Ion	Ratio	Lower	Upper
83	100		
55	74.2	57.8	86.6
98	50.6	38.5	57.7

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2021-07

Manual Integrations
APPROVED

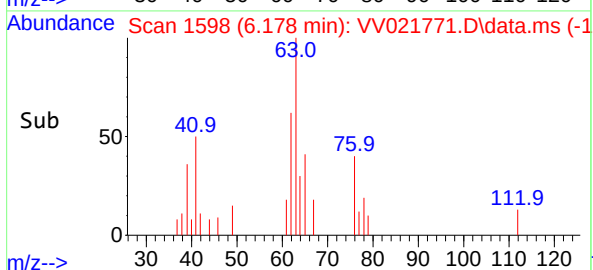
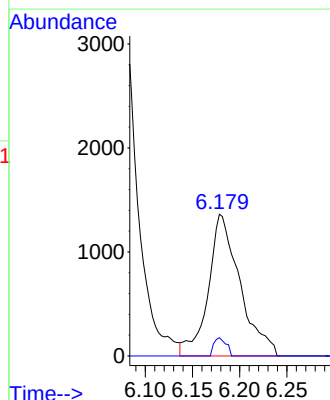
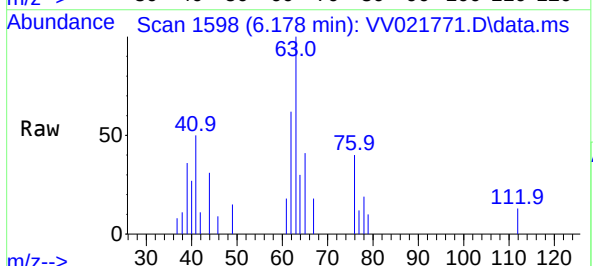
MMDadoda

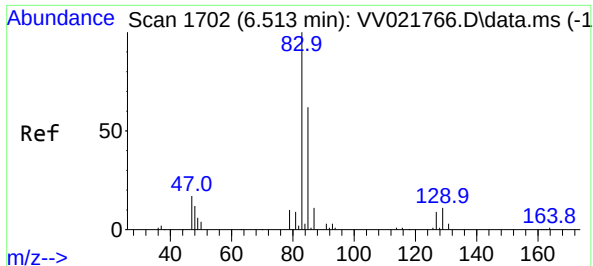
8/12/2021 4:11:38 PM



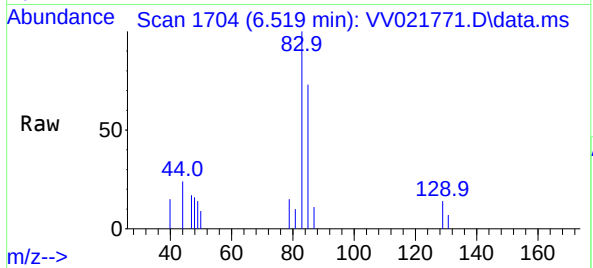
#37
1,2-Dichloropropane
Concen: 0.265 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.003 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28

Tgt Ion:	63	Resp:	3172
Ion	Ratio	Lower	Upper
63	100		
112	5.0	4.0	6.0

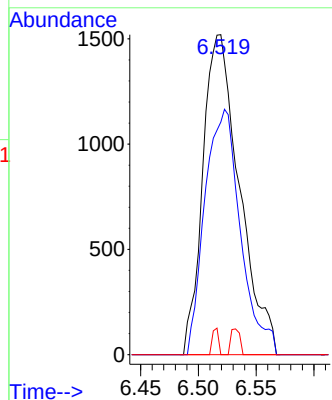




#38
Bromodichloromethane
Concen: 0.216 ug/L
RT: 6.519 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28



Tgt Ion: 83 Resp: 3344
Ion Ratio Lower Upper
83 100
85 72.7 43.5 80.7
127 0.0 6.9 10.3#

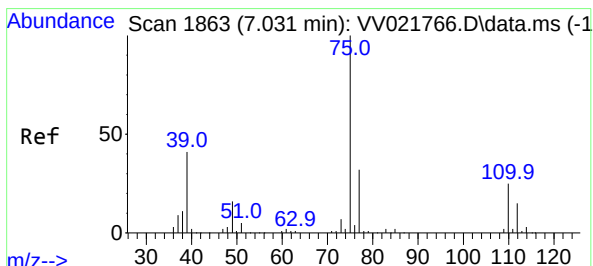
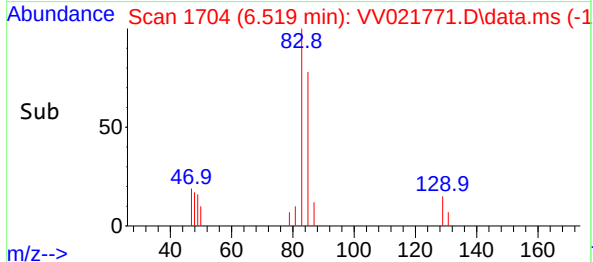


Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2021-07

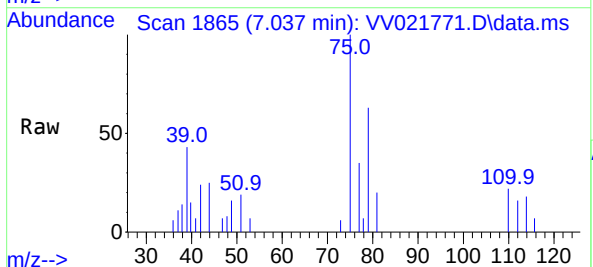
Manual Integrations
APPROVED

MMDadoda

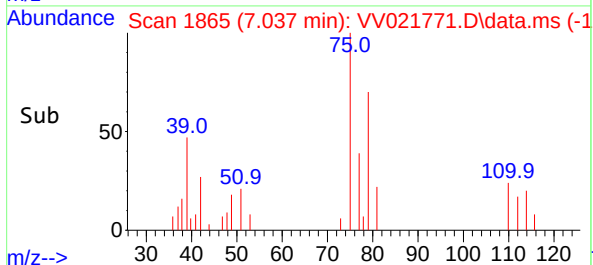
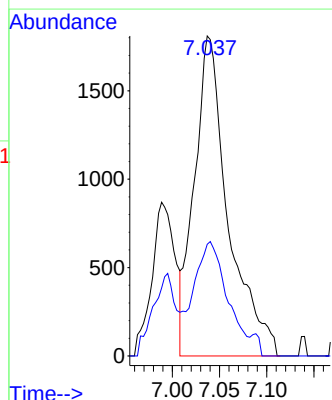
8/12/2021 4:11:38 PM

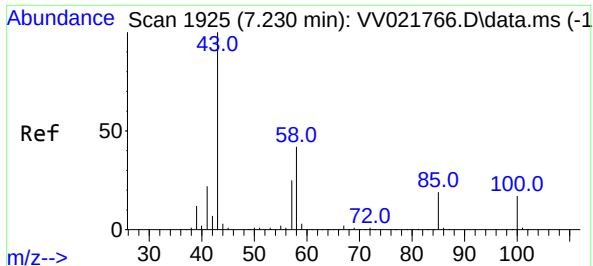


#39
cis-1,3-Dichloropropene
Concen: 0.261 ug/L
RT: 7.037 min Scan# 1865
Delta R.T. 0.006 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28



Tgt Ion: 75 Resp: 4516
Ion Ratio Lower Upper
75 100
77 34.9 22.2 41.2





#40
4-Methyl-2-pentanone
Concen: 2.098 ug/L
RT: 7.240 min Scan# 1928
Delta R.T. 0.010 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28

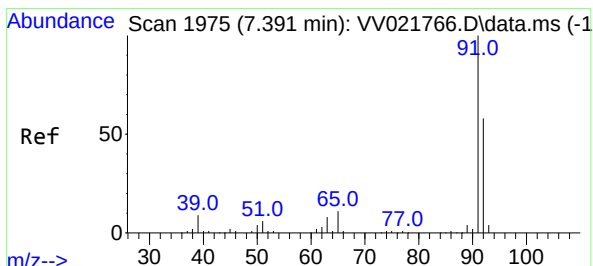
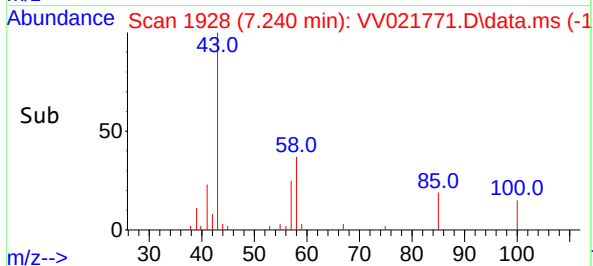
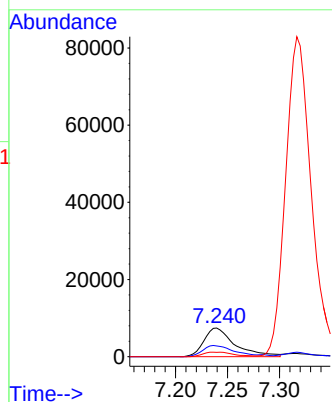
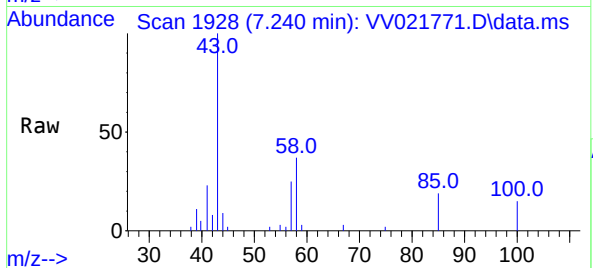
Tgt Ion:	43	Resp:	15444
Ion	Ratio	Lower	Upper
43	100		
58	38.8	32.9	49.3
100	0.0	13.5	20.3#

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2021-07

Manual Integrations
APPROVED

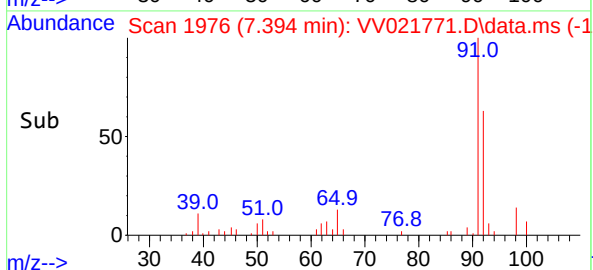
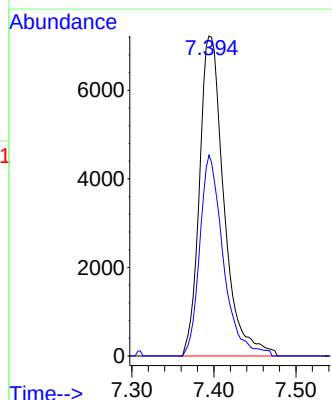
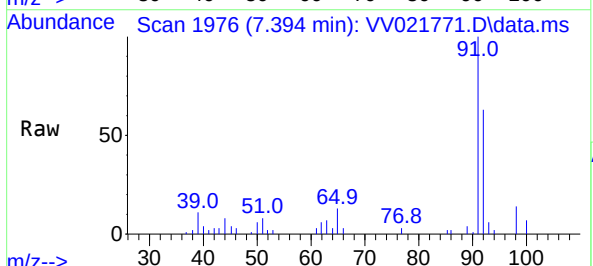
MMDadoda

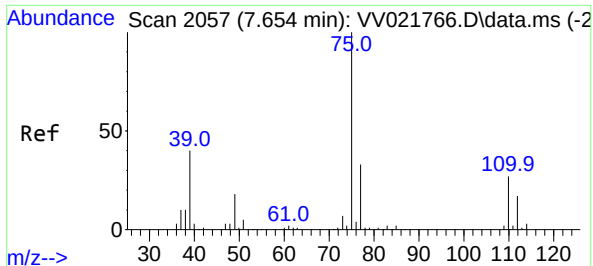
8/12/2021 4:11:38 PM



#42
Toluene
Concen: 0.293 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.003 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28

Tgt Ion:	91	Resp:	14943
Ion	Ratio	Lower	Upper
91	100		
92	62.8	40.3	74.9





#44
trans-1,3-Dichloropropene
Concen: 0.305 ug/L
RT: 7.661 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28

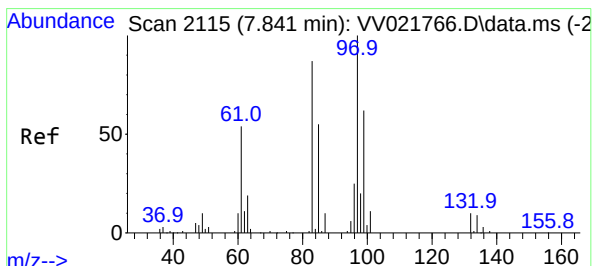
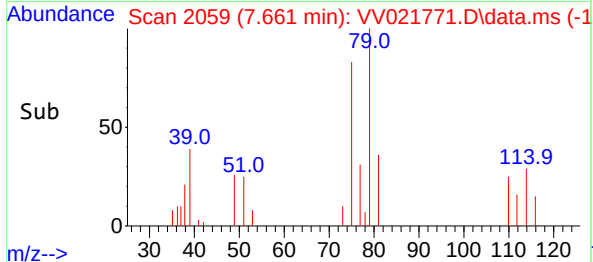
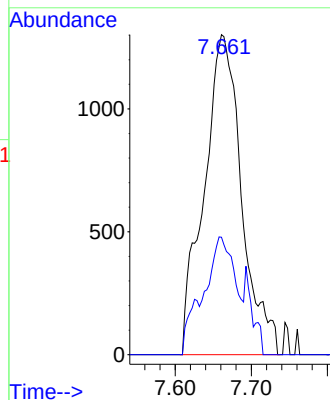
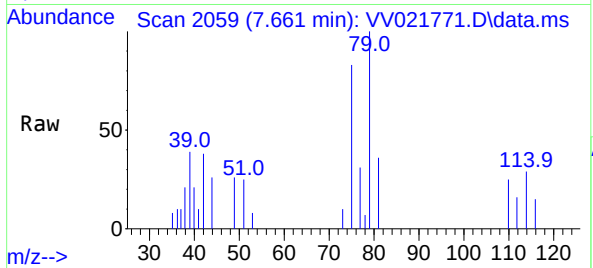
Tgt Ion: 75 Resp: 4477
Ion Ratio Lower Upper
75 100
77 36.7 23.3 43.3

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2021-07

Manual Integrations
APPROVED

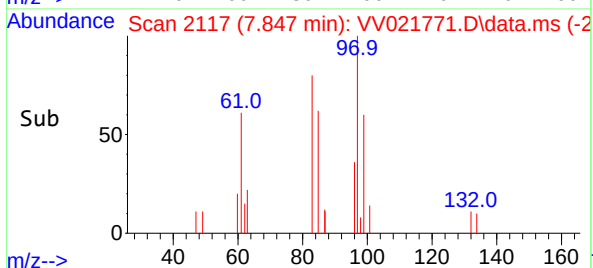
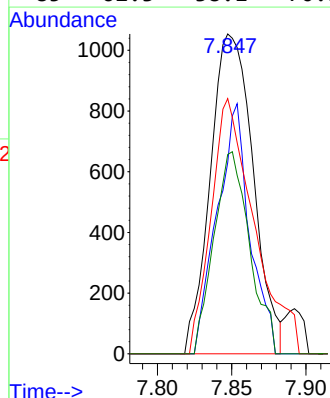
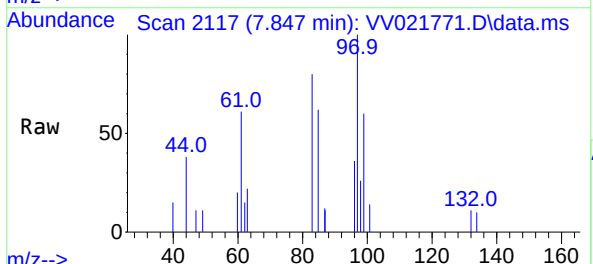
MMDadoda

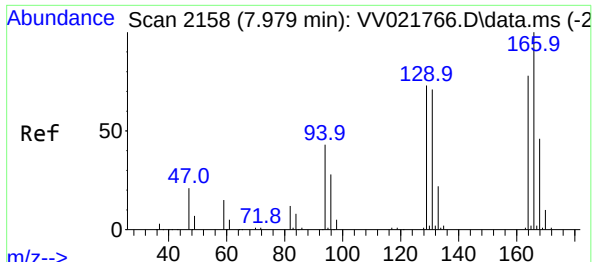
8/12/2021 4:11:38 PM



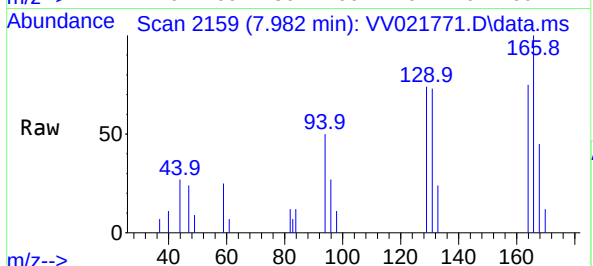
#45
1,1,2-Trichloroethane
Concen: 0.237 ug/L
RT: 7.847 min Scan# 2117
Delta R.T. 0.006 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28

Tgt Ion: 97 Resp: 2120
Ion Ratio Lower Upper
97 100
99 59.8 43.8 81.3
83 79.8 60.8 113.0
85 62.3 38.1 70.9



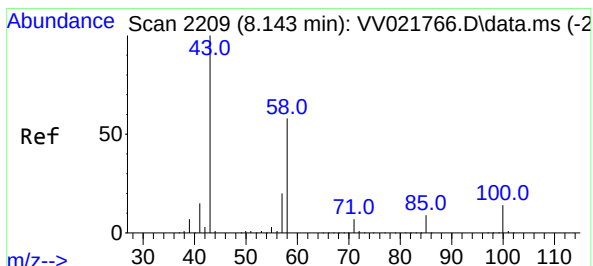
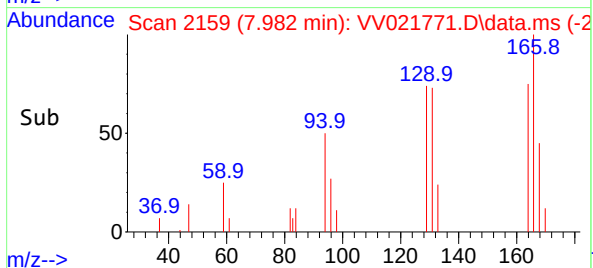
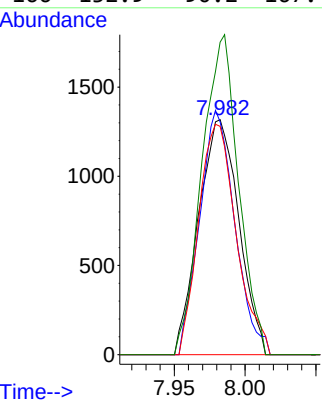


#47
Tetrachloroethene
Concen: 0.252 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.003 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28

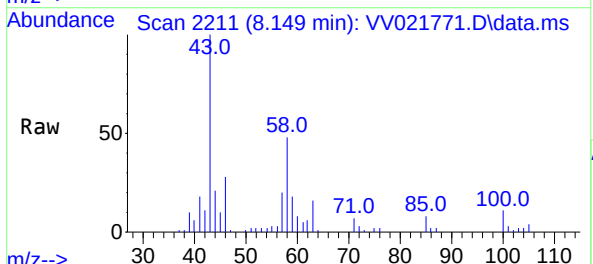


Tgt Ion: 164 Resp: 2599

Ion	Ratio	Lower	Upper
164	100		
129	99.0	65.4	121.4
131	97.1	64.3	119.3
166	132.9	90.2	167.4

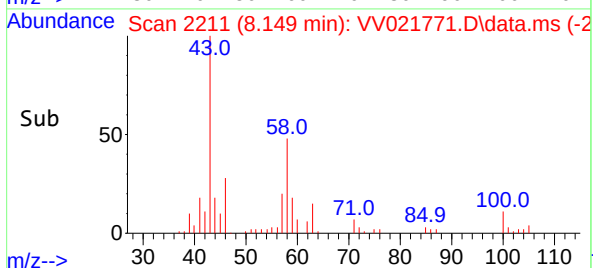
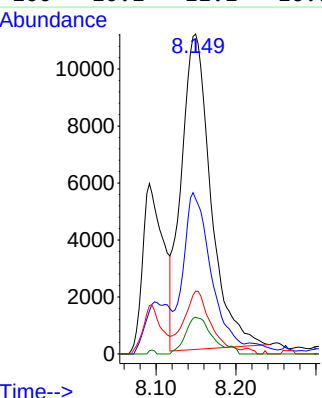


#48
2-Hexanone
Concen: 5.594 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.006 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28



Tgt Ion: 43 Resp: 28378

Ion	Ratio	Lower	Upper
43	100		
58	44.4	48.3	72.5#
57	18.2	15.4	23.2
100	10.1	11.1	16.7#

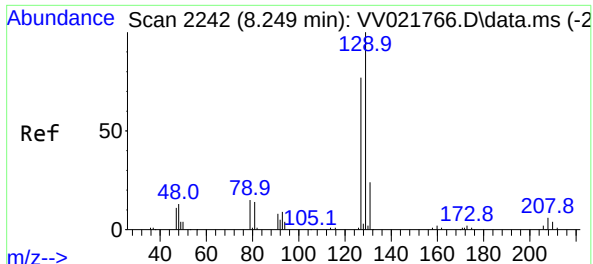


Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2021-07

Manual Integrations
APPROVED

MMDadoda

8/12/2021 4:11:38 PM



#49
Dibromochloromethane
Concen: 0.199 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28

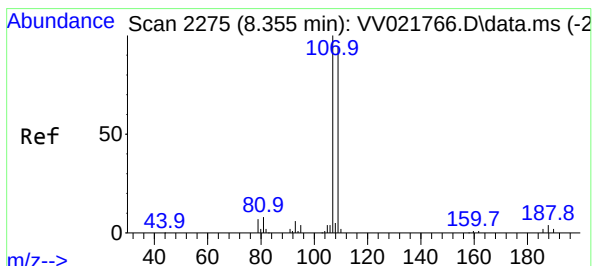
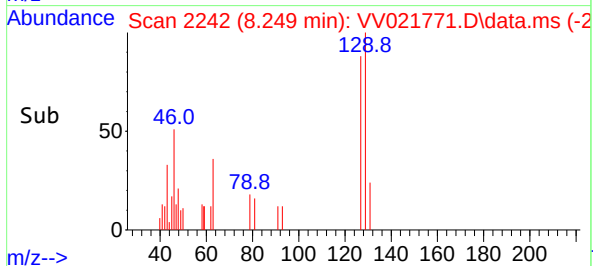
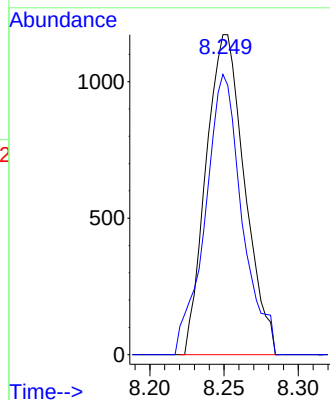
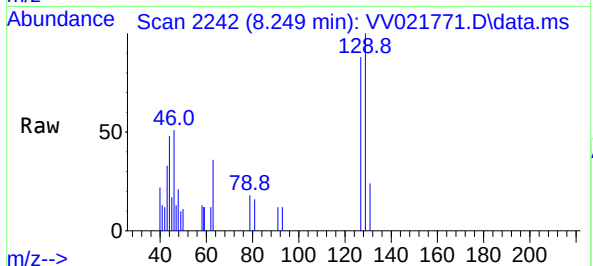
Tgt Ion:129 Resp: 2119
Ion Ratio Lower Upper
129 100
127 87.6 53.9 100.1

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2021-07

Manual Integrations
APPROVED

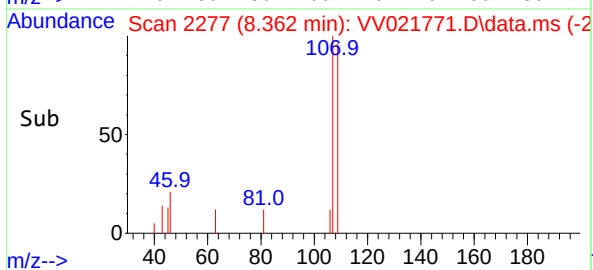
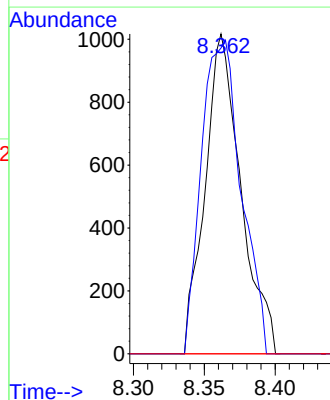
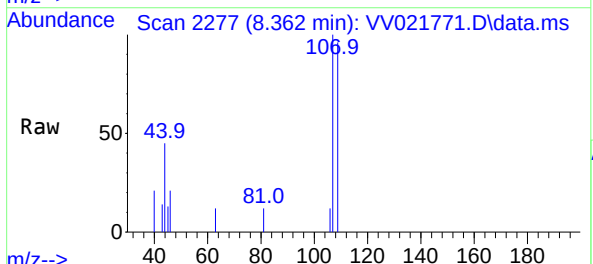
MMDadoda

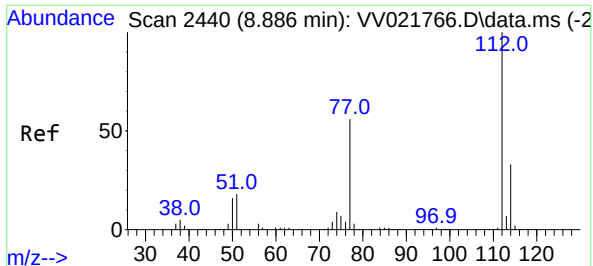
8/12/2021 4:11:38 PM



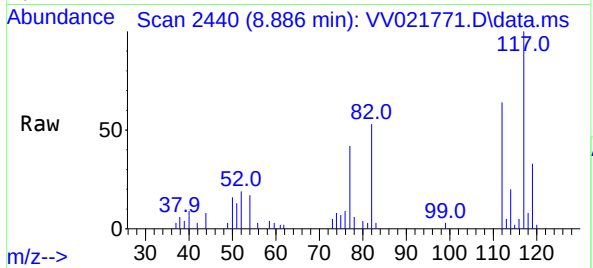
#50
1,2-Dibromoethane
Concen: 0.214 ug/L
RT: 8.362 min Scan# 2277
Delta R.T. 0.006 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28

Tgt Ion:107 Resp: 1789
Ion Ratio Lower Upper
107 100
109 95.6 66.1 122.7
188 0.0 2.9 4.3#



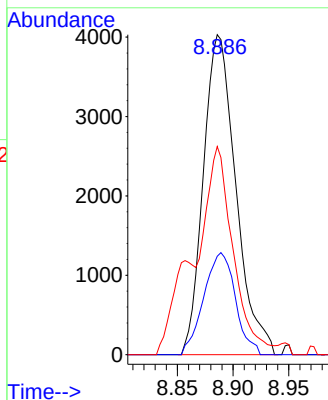
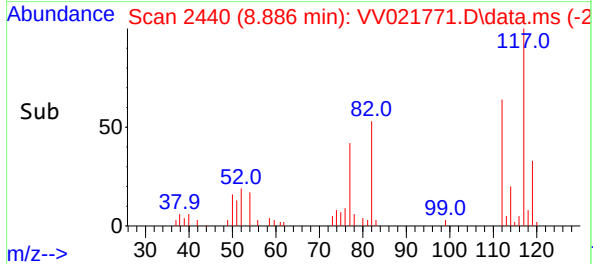


#51
Chlorobenzene
Concen: 0.241 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. -0.000 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28



Tgt Ion: 112 Resp: 8182

Ion	Ratio	Lower	Upper
112	100		
114	30.7	23.2	43.0
77	65.1	44.6	67.0

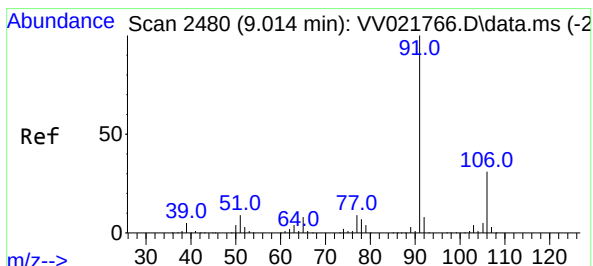


Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2021-07

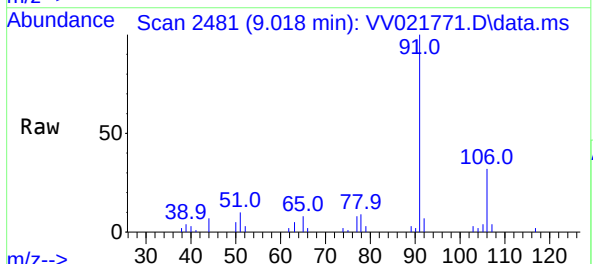
Manual Integrations
APPROVED

MMDadoda

8/12/2021 4:11:38 PM

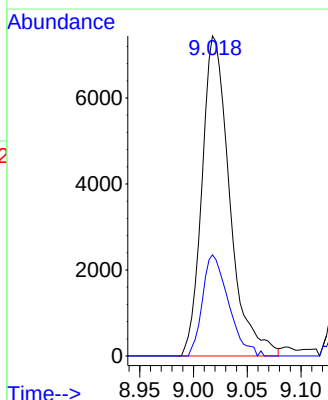
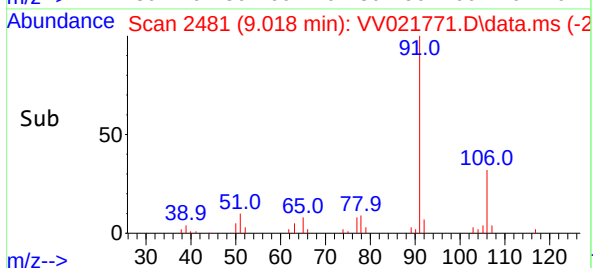


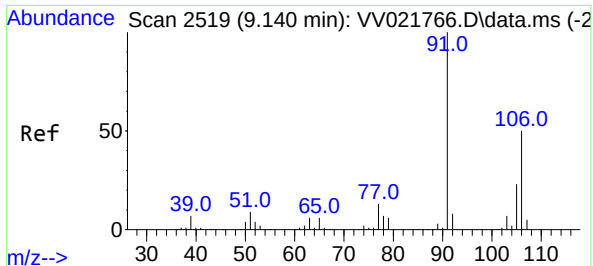
#52
Ethylbenzene
Concen: 0.243 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28



Tgt Ion: 91 Resp: 13354

Ion	Ratio	Lower	Upper
91	100		
106	31.6	22.0	41.0





#53
m,p-xylene
Concen: 0.240 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.006 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28

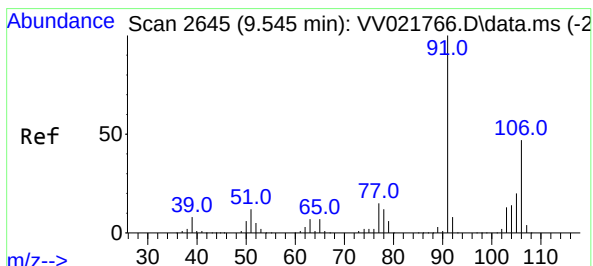
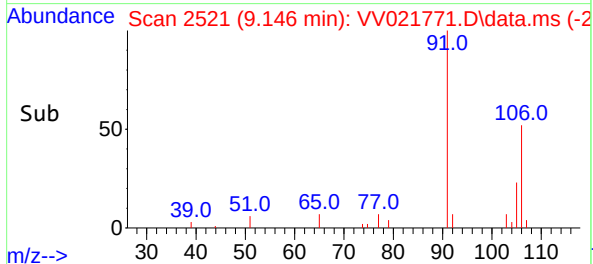
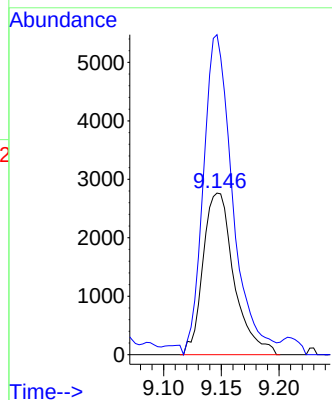
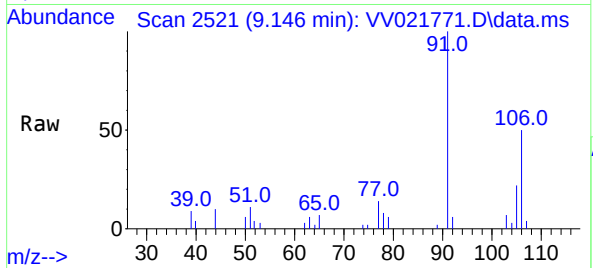
Tgt Ion:106 Resp: 5163
Ion Ratio Lower Upper
106 100
91 198.0 140.4 260.8

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2021-07

Manual Integrations
APPROVED

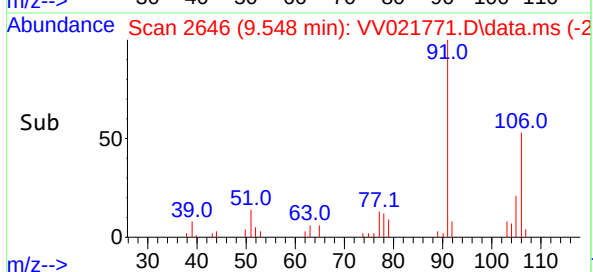
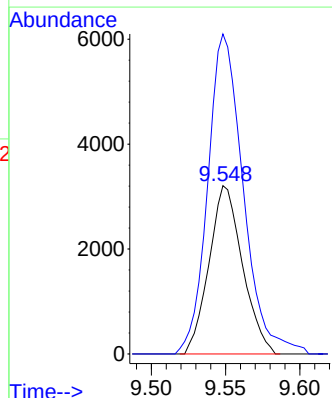
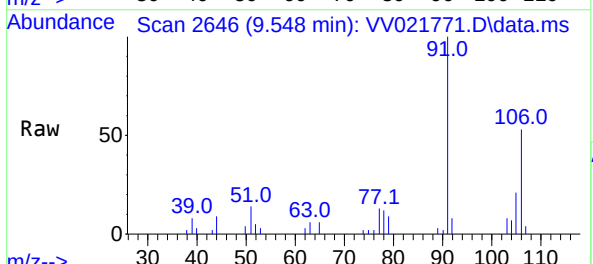
MMDadoda

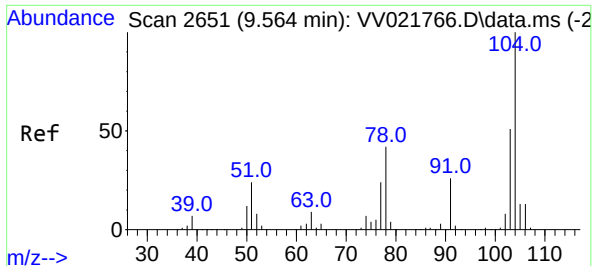
8/12/2021 4:11:38 PM



#54
o-xylene
Concen: 0.237 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28

Tgt Ion:106 Resp: 5023
Ion Ratio Lower Upper
106 100
91 190.0 147.7 274.3





#55
Styrene
Concen: 0.213 ug/L
RT: 9.571 min Scan# 2653
Delta R.T. 0.006 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28

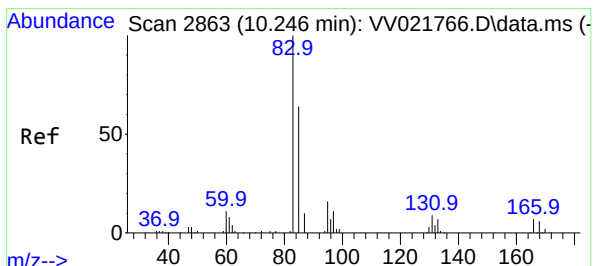
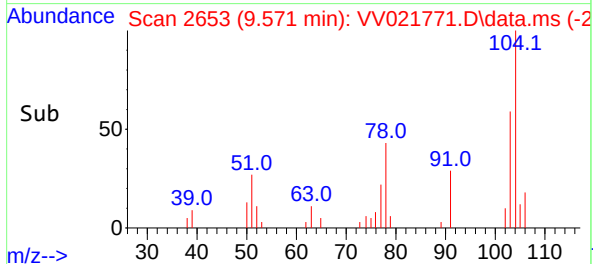
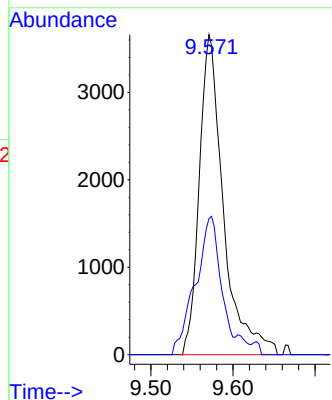
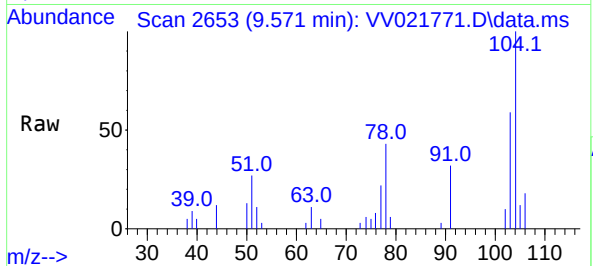
Tgt Ion:104 Resp: 7482
Ion Ratio Lower Upper
104 100
78 42.6 29.8 55.3

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2021-07

Manual Integrations
APPROVED

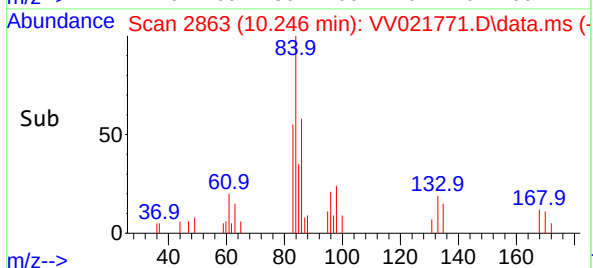
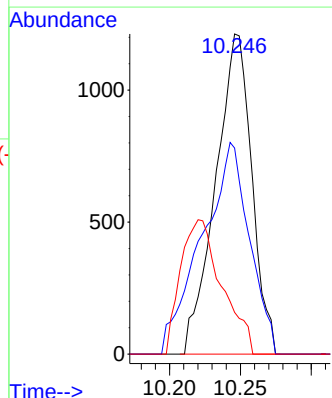
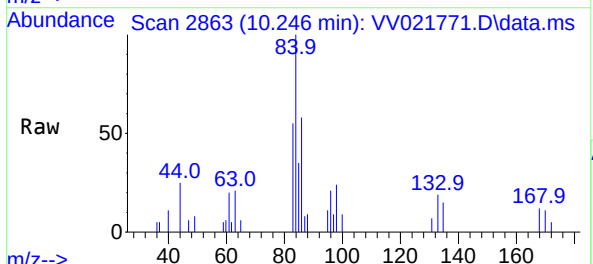
MMDadoda

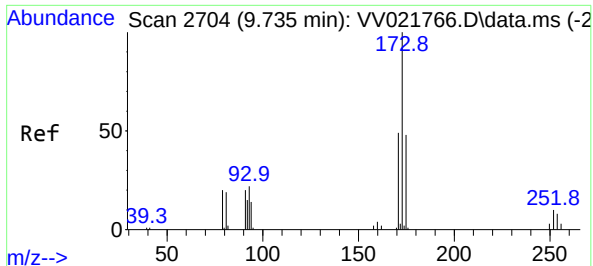
8/12/2021 4:11:38 PM



#57
1,1,2,2-Tetrachloroethane
Concen: 0.234 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28

Tgt Ion: 83 Resp: 2157
Ion Ratio Lower Upper
83 100
85 64.4 44.9 83.5
131 13.0 7.7 11.5#





#59

Bromoform

Concen: 0.192 ug/L

RT: 9.738 min Scan# 2705

Delta R.T. 0.003 min

Lab File: VV021771.D

Acq: 11 Aug 2021 13:28

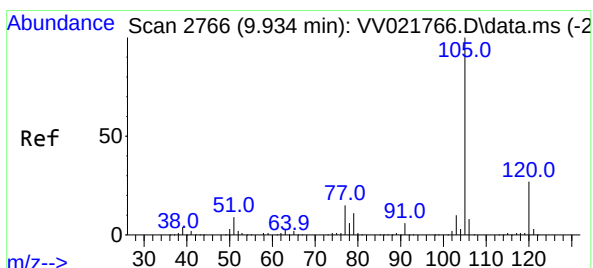
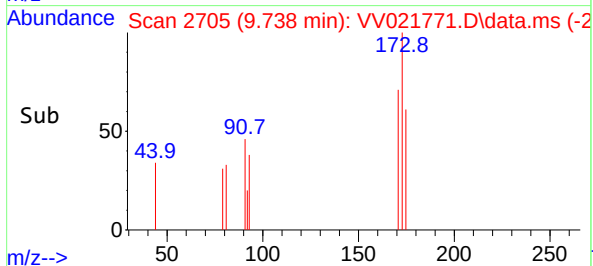
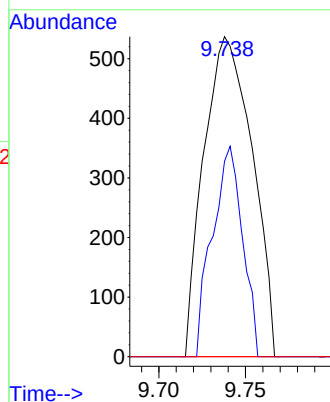
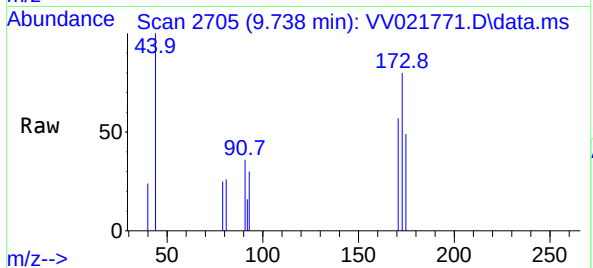
Tgt Ion:	173	Resp:	1044
Ion Ratio	Lower	Upper	
173	100		
175	41.0	38.3	57.5
254	0.0	6.6	9.8#

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2021-07

Manual Integrations
APPROVED

MMDadoda

8/12/2021 4:11:38 PM



#60

Isopropylbenzene

Concen: 0.239 ug/L

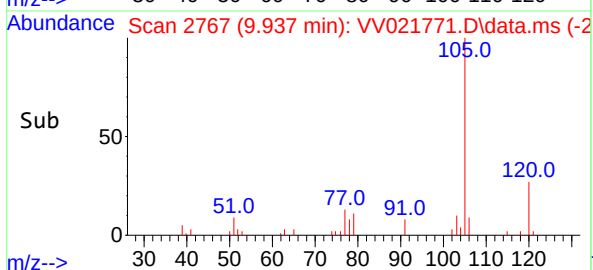
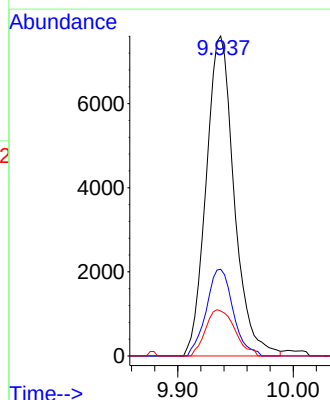
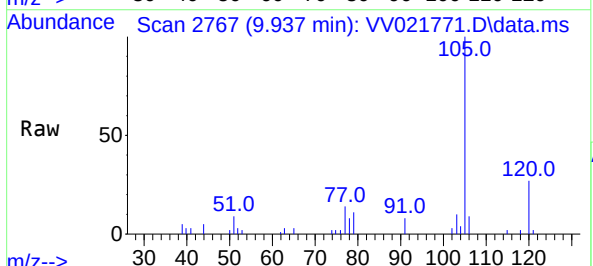
RT: 9.937 min Scan# 2767

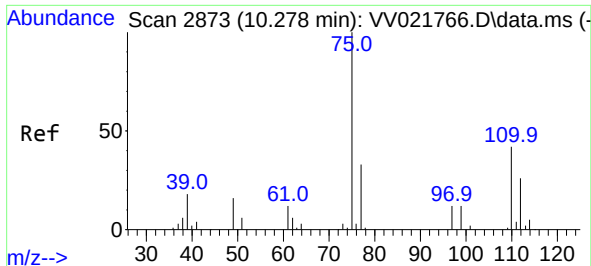
Delta R.T. 0.003 min

Lab File: VV021771.D

Acq: 11 Aug 2021 13:28

Tgt Ion:	105	Resp:	12823
Ion Ratio	Lower	Upper	
105	100		
120	25.9	21.3	31.9
77	15.1	11.8	17.6





#61
1,2,3-Trichloropropane
Concen: 0.238 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28

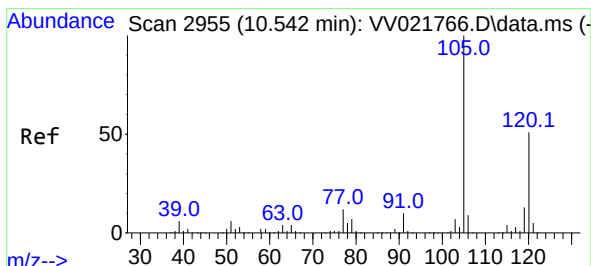
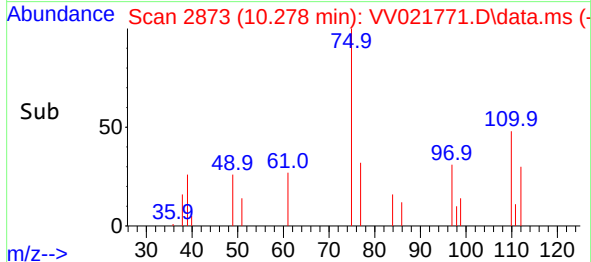
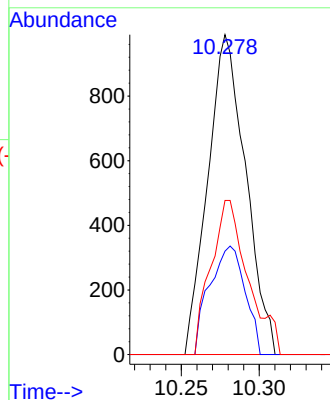
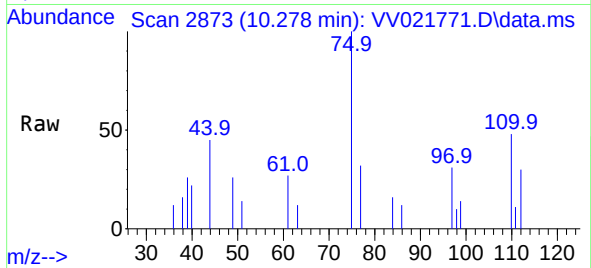
Tgt Ion: 75 Resp: 1670
Ion Ratio Lower Upper
75 100
77 31.8 26.5 39.7
110 47.5 33.4 50.2

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2021-07

Manual Integrations
APPROVED

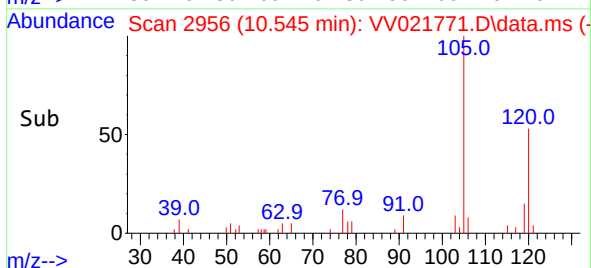
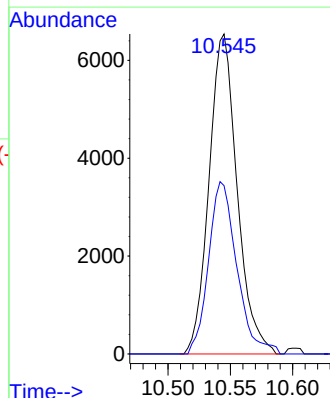
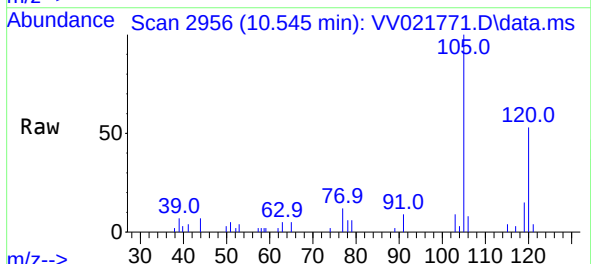
MMDadoda

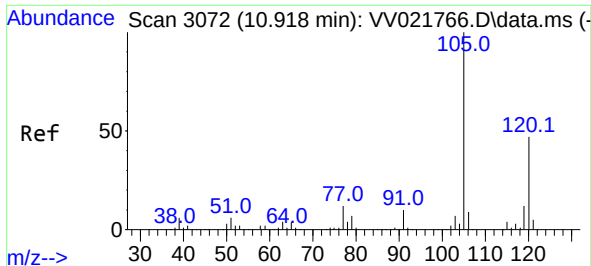
8/12/2021 4:11:38 PM



#62
1,3,5-Trimethylbenzene
Concen: 0.230 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. 0.003 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28

Tgt Ion: 105 Resp: 10277
Ion Ratio Lower Upper
105 100
120 54.1 40.5 60.7





#63
1,2,4-Trimethylbenzene
Concen: 0.255 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.003 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28

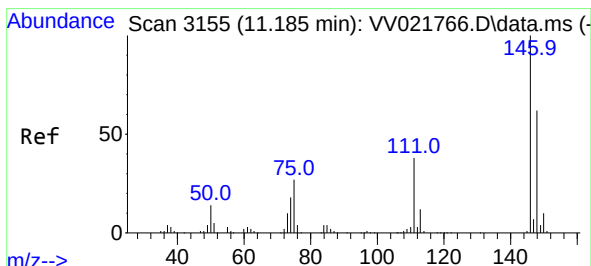
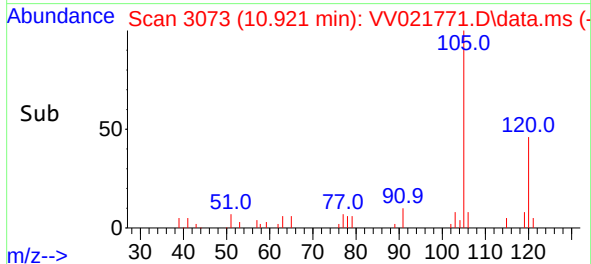
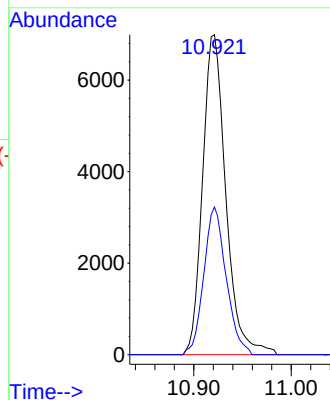
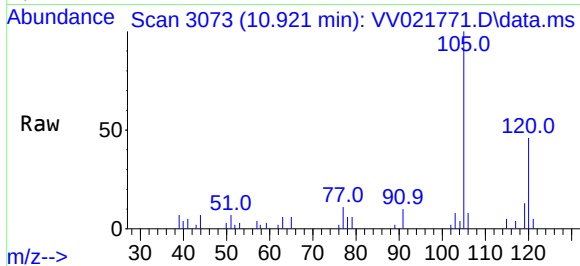
Tgt Ion:105 Resp: 11577
Ion Ratio Lower Upper
105 100
120 44.5 37.5 56.3

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2021-07

Manual Integrations
APPROVED

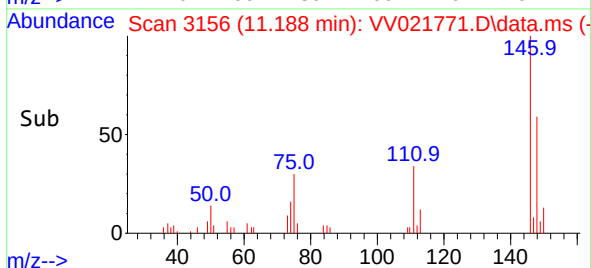
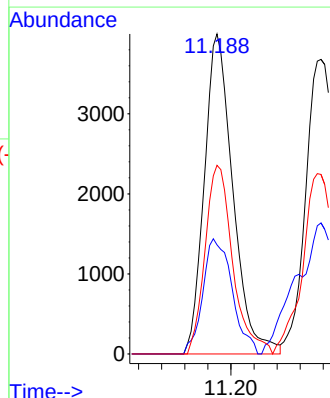
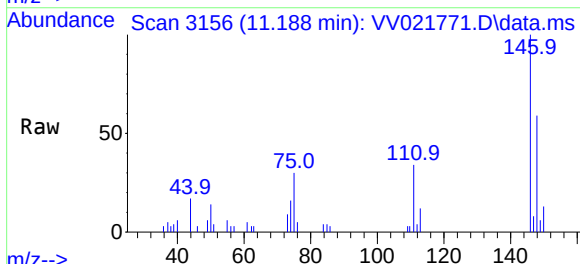
MMDadoda

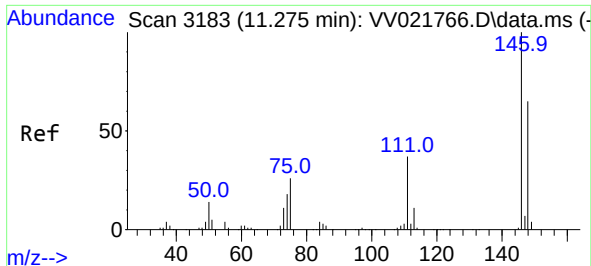
8/12/2021 4:11:38 PM



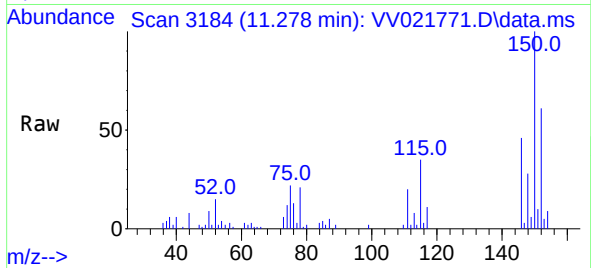
#64
1,3-Dichlorobenzene
Concen: 0.264 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.003 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28

Tgt Ion:146 Resp: 6866
Ion Ratio Lower Upper
146 100
111 34.1 26.7 49.7
148 58.9 43.2 80.2

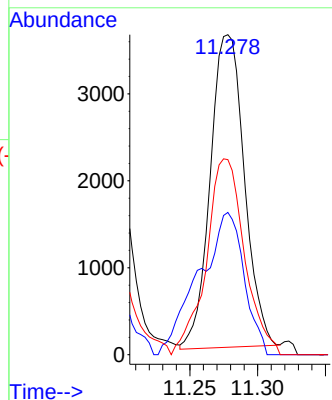




#65
1,4-Dichlorobenzene
Concen: 0.244 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.003 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28



Tgt Ion:146 Resp: 6295
Ion Ratio Lower Upper
146 100
111 44.5 25.9 48.1
148 60.9 45.4 84.2

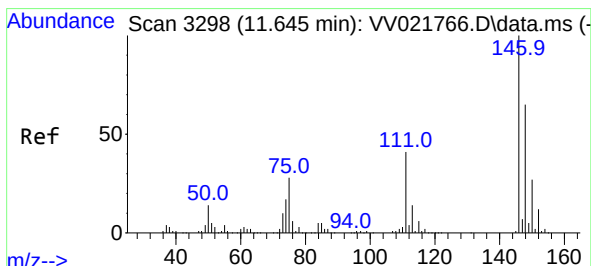
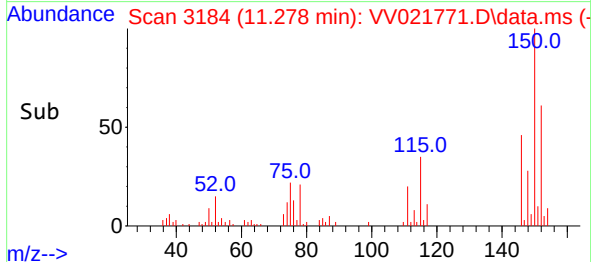


Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2021-07

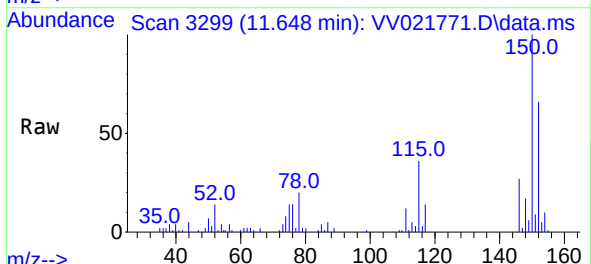
Manual Integrations
APPROVED

MMDadoda

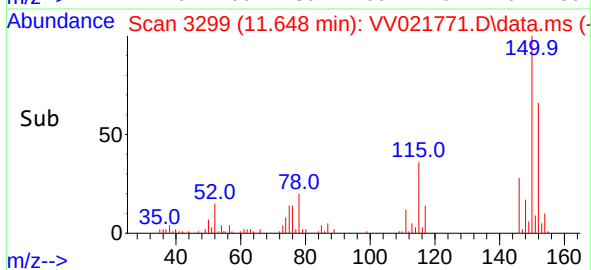
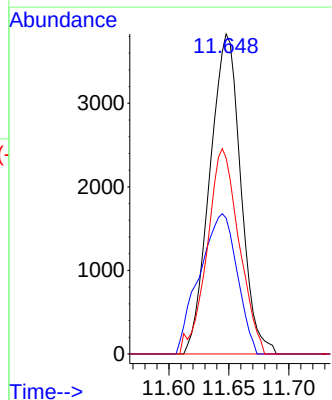
8/12/2021 4:11:38 PM

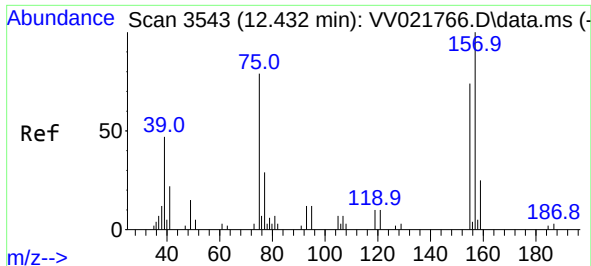


#67
1,2-Dichlorobenzene
Concen: 0.282 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.003 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28

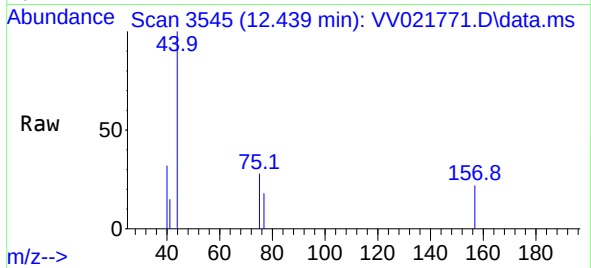


Tgt Ion:146 Resp: 6852
Ion Ratio Lower Upper
146 100
111 42.5 33.0 49.4
148 61.3 51.6 77.4

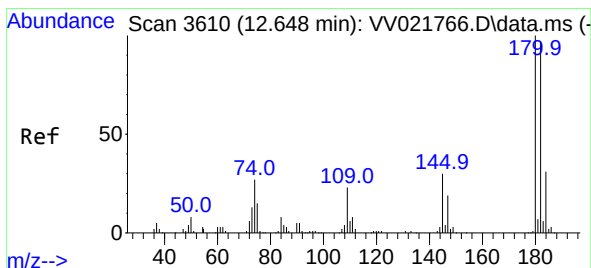
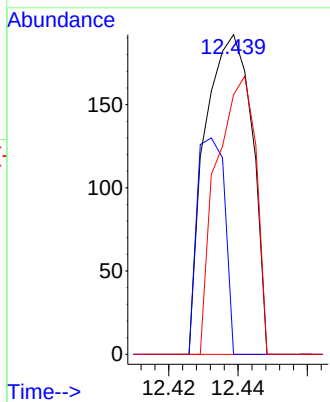
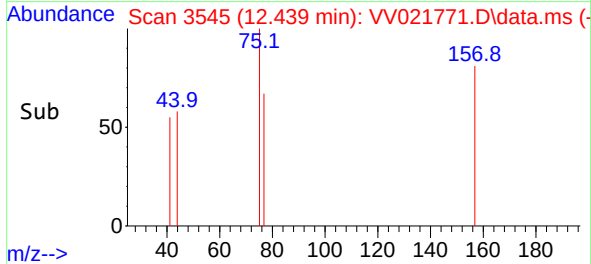




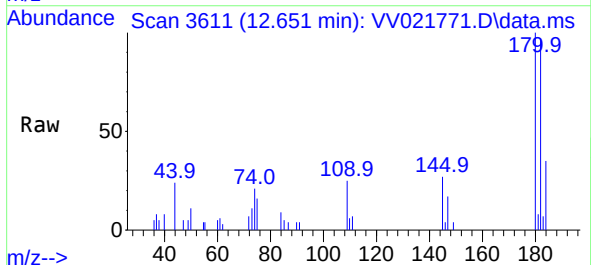
#68
1,2-Dibromo-3-chloropropane
Concen: 0.137 ug/L
RT: 12.439 min Scan# 3545
Delta R.T. 0.006 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28



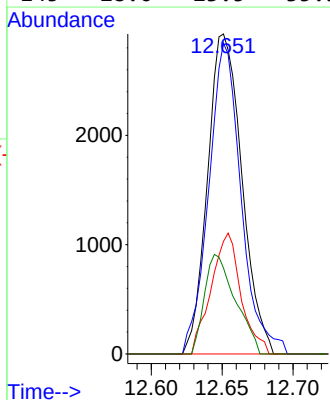
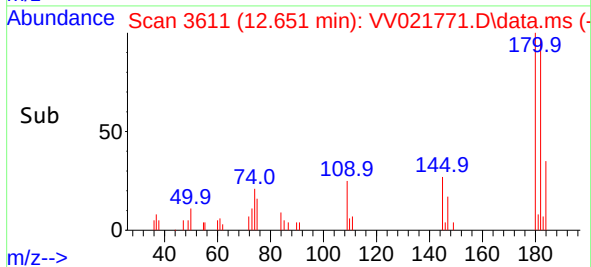
Tgt Ion: 75 Resp: 181
Ion Ratio Lower Upper
75 100
155 0.0 75.0 112.6#
157 81.3 101.8 152.8#



#69
1,3,5-Trichlorobenzene
Concen: 0.244 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. 0.003 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28



Tgt Ion: 180 Resp: 4931
Ion Ratio Lower Upper
180 100
182 91.7 75.5 113.3
184 32.8 24.0 36.0
145 28.0 23.5 35.3

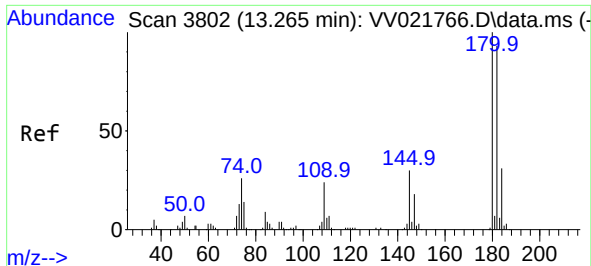


Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2021-07

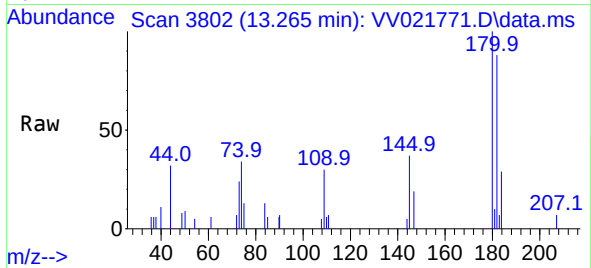
Manual Integrations
APPROVED

MMDadoda

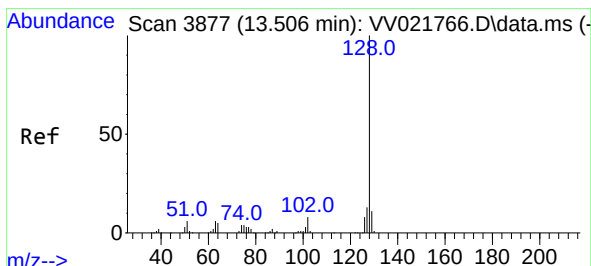
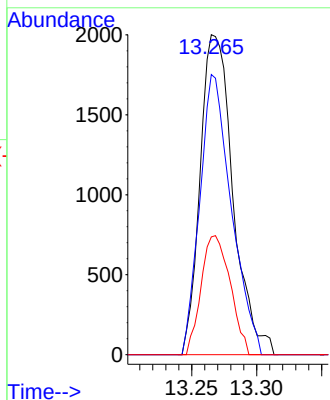
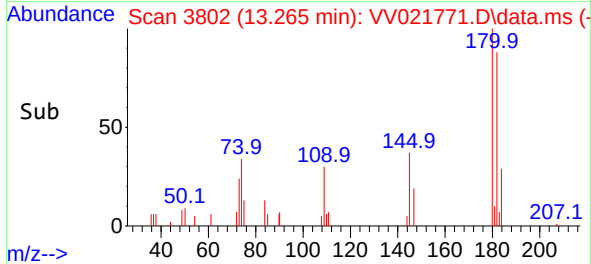
8/12/2021 4:11:38 PM



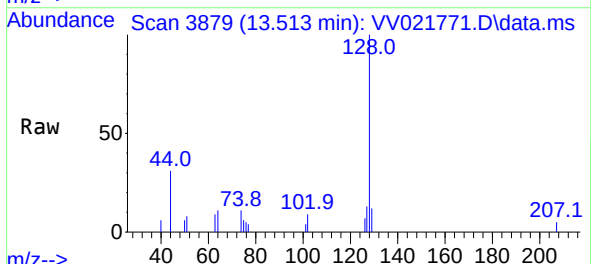
#70
1,2,4-trichlorobenzene
Concen: 0.220 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. -0.000 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28



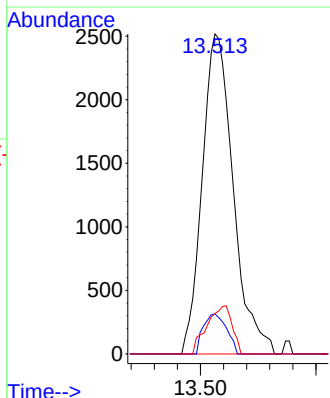
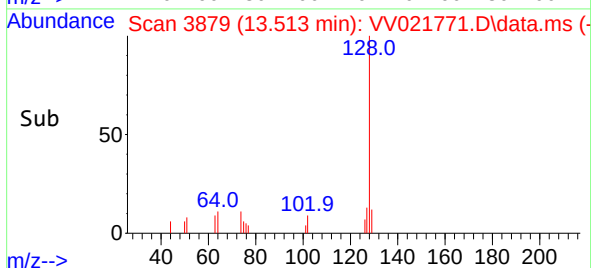
Tgt Ion:180 Resp: 3517
Ion Ratio Lower Upper
180 100
182 84.0 74.9 112.3
145 32.9 23.8 35.8



#71
Naphthalene
Concen: 0.198 ug/L
RT: 13.513 min Scan# 3879
Delta R.T. 0.006 min
Lab File: VV021771.D
Acq: 11 Aug 2021 13:28



Tgt Ion:128 Resp: 4694
Ion Ratio Lower Upper
128 100
129 9.4 8.6 12.8
127 12.2 9.9 14.9

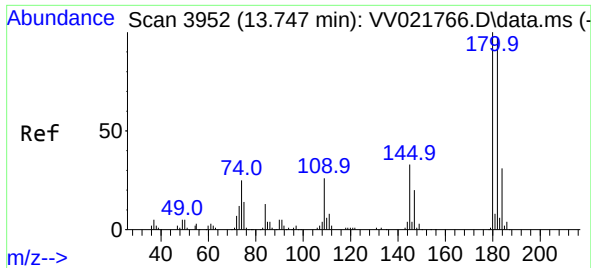


Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2021-07

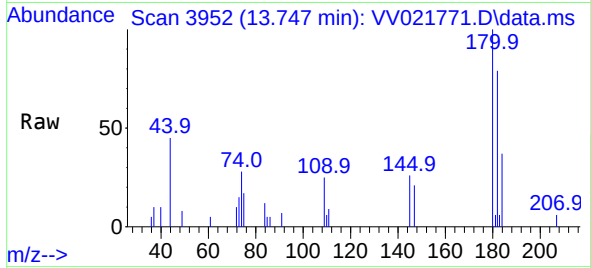
Manual Integrations
APPROVED

MMDadoda

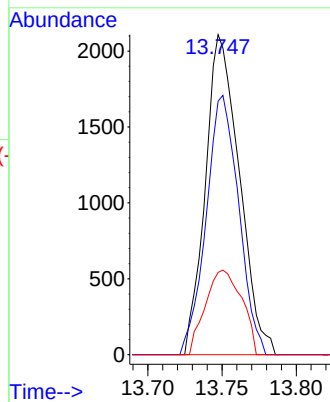
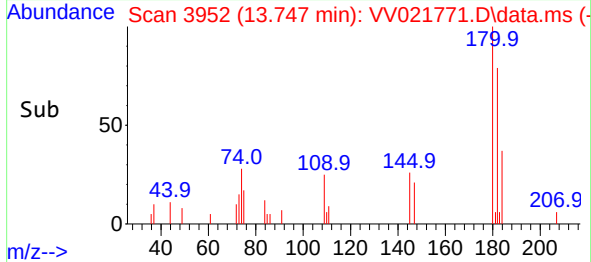
8/12/2021 4:11:38 PM



#72
 1,2,3-Trichlorobenzene
 Concen: 0.239 ug/L
 RT: 13.747 min Scan# 3952
 Delta R.T. -0.000 min
 Lab File: VV021771.D
 Acq: 11 Aug 2021 13:28



Tgt Ion:	180	Resp:	3353
Ion	Ratio	Lower	Upper
180	100		
182	77.8	77.0	115.4
145	28.3	25.6	38.4



Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2021-07

Manual Integrations
 APPROVED

MMDadoda

8/12/2021 4:11:38 PM