

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081221\
 Data File : VV021776.D
 Acq On : 12 Aug 2021 11:18
 Operator : SY/MD
 Sample : M3263-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2021-08

Manual Integrations
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MMDadoda
 8/13/2021 9:14:23 AM

Quant Time: Aug 13 03:58:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 13 03:38:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	207318	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	191346	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	97243	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34784	4.382	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.564	69	44240	4.711	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.101	63	59189	3.289	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.800%
20) 2-Butanone-d5	3.915	46	156454m	49.588	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.180%
24) Chloroform-d	4.346	84	117047	4.670	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.030	65	56797	4.953	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.047	84	241305	5.056	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.069	67	76935	4.997	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.317	98	213785	4.867	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	7.625	79	21835	4.615	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.091	63	99042	42.909	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.820%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	43953	4.291	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	84638	5.034	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	3314	0.222	ug/L	100
3) Chloromethane	1.240	50	3418	0.268	ug/L	95
5) Vinyl chloride	1.307	62	3393	0.252	ug/L	93
6) Bromomethane	1.519	94	2130	0.251	ug/L	88
8) Chloroethane	1.580	64	1995	0.236	ug/L	87
9) Trichlorofluoromethane	1.748	101	4369	0.221	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	2758	0.259	ug/L	89
12) 1,1-Dichloroethene	2.111	96	2648	0.277	ug/L #	1
13) Acetone	2.214	43	5730m	2.870	ug/L	
14) Carbon disulfide	2.288	76	6850	0.245	ug/L #	94
15) Methyl Acetate	2.449	43	1410m	0.246	ug/L	
16) Methylene chloride	2.503	84	13594	0.788	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	6681	0.223	ug/L	97
18) trans-1,2-Dichloroethene	2.751	96	2734	0.222	ug/L	96
19) 1,1-Dichloroethane	3.191	63	5088	0.222	ug/L	93
21) 2-Butanone	4.011	43	7627m	2.341	ug/L	
22) cis-1,2-Dichloroethene	3.912	96	3062	0.221	ug/L	96
23) Bromochloromethane	4.252	128	1172	0.188	ug/L	98
25) Chloroform	4.375	83	8258	0.337	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	3011	0.230	ug/L #	89
29) 1,1,1-Trichloroethane	4.606	97	4485	0.220	ug/L	98
30) Cyclohexane	4.677	56	4259	0.232	ug/L	97
31) Carbon tetrachloride	4.825	117	3721	0.211	ug/L	98
33) Benzene	5.098	78	11276	0.230	ug/L	100
34) Trichloroethene	5.921	95	3336	0.242	ug/L	94
35) Methylcyclohexane	6.127	83	4852	0.244	ug/L	97
37) 1,2-Dichloropropane	6.182	63	3247	0.261	ug/L #	85
38) Bromodichloromethane	6.516	83	3701	0.231	ug/L #	93
39) cis-1,3-Dichloropropene	7.034	75	3800	0.211	ug/L	94
40) 4-Methyl-2-pentanone	7.236	43	15363	2.009	ug/L #	85
42) Toluene	7.394	91	15212	0.287	ug/L	99
44) trans-1,3-Dichloropropene	7.657	75	3391	0.222	ug/L	98
45) 1,1,2-Trichloroethane	7.844	97	2149	0.231	ug/L	87
47) Tetrachloroethene	7.979	164	2590	0.242	ug/L	84
48) 2-Hexanone	8.146	43	26178	4.968	ug/L #	90
49) Dibromochloromethane	8.252	129	2301	0.208	ug/L	92
50) 1,2-Dibromoethane	8.361	107	1920	0.221	ug/L #	88
51) Chlorobenzene	8.882	112	7482	0.212	ug/L	93
52) Ethylbenzene	9.017	91	12868	0.225	ug/L	98
53) m,p-xylene	9.146	106	4971	0.223	ug/L	97
54) o-xylene	9.548	106	4845	0.220	ug/L	97
55) Styrene	9.567	104	7199	0.197	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.249	83	2126	0.222	ug/L #	90
59) Bromoform	9.734	173	1164	0.200	ug/L #	94
60) Isopropylbenzene	9.934	105	12438	0.217	ug/L	98
61) 1,2,3-Trichloropropane	10.281	75	1605	0.214	ug/L #	93
62) 1,3,5-Trimethylbenzene	10.541	105	9871	0.207	ug/L	96
63) 1,2,4-Trimethylbenzene	10.918	105	10470	0.216	ug/L	95
64) 1,3-Dichlorobenzene	11.188	146	6131	0.221	ug/L	94
65) 1,4-Dichlorobenzene	11.275	146	6189	0.224	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	6036	0.233	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.429	75	259	0.184	ug/L #	51
69) 1,3,5-Trichlorobenzene	12.651	180	4097	0.190	ug/L	92
70) 1,2,4-trichlorobenzene	13.268	180	3221	0.189	ug/L	97
71) Naphthalene	13.516	128	4113	0.162	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.750	180	2985	0.199	ug/L	98

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

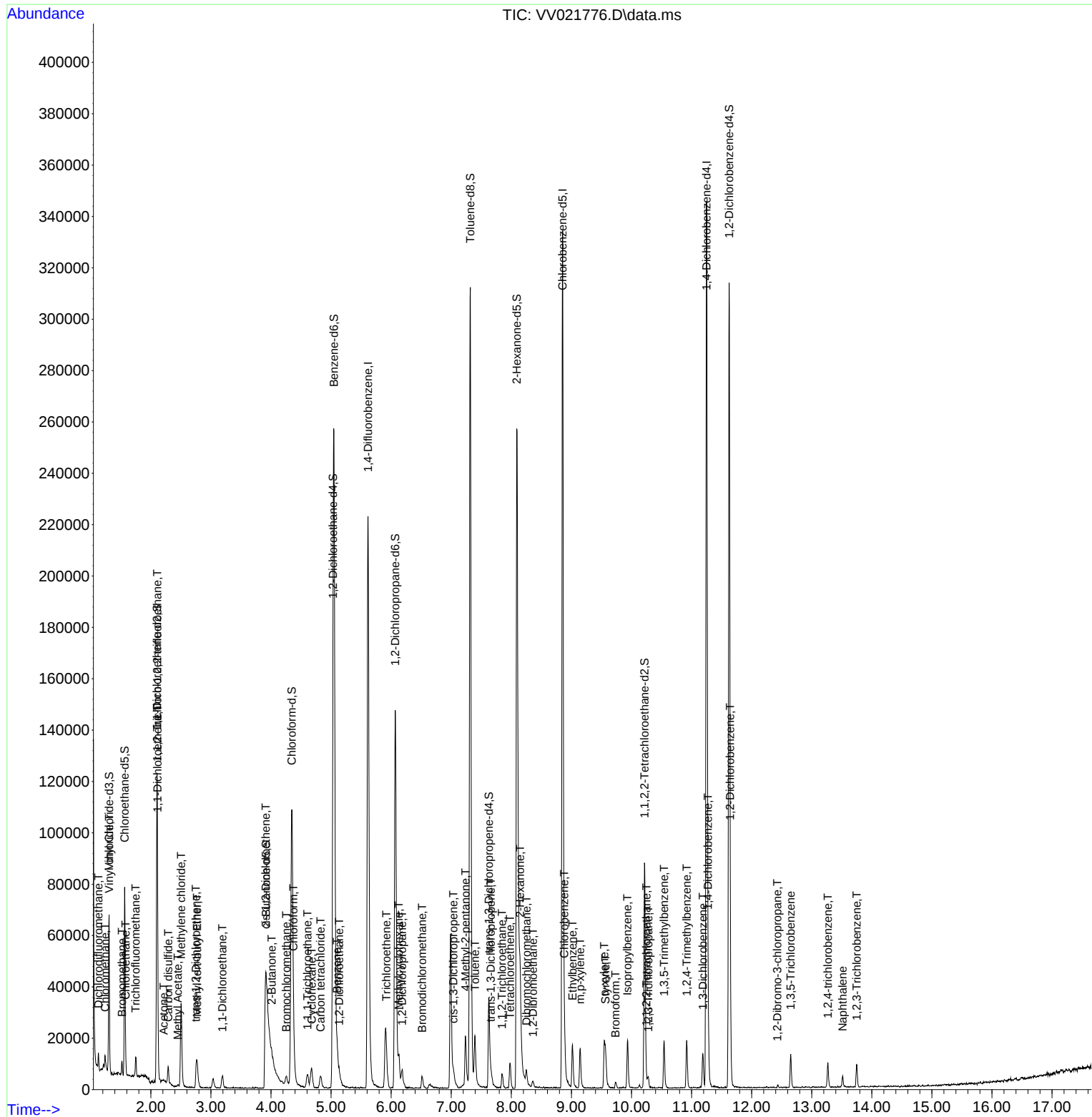
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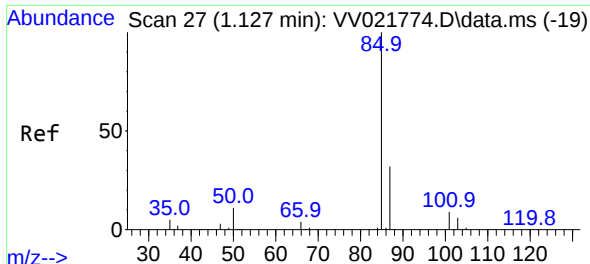
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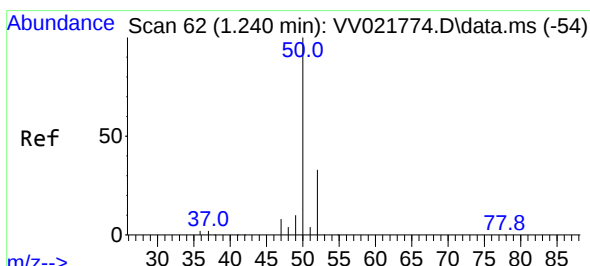
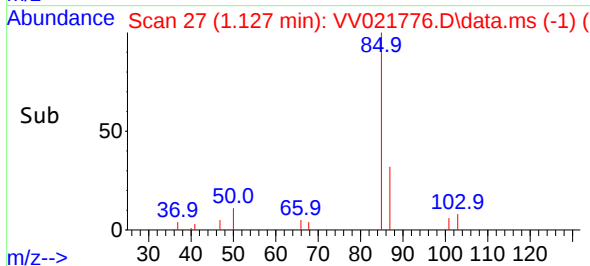
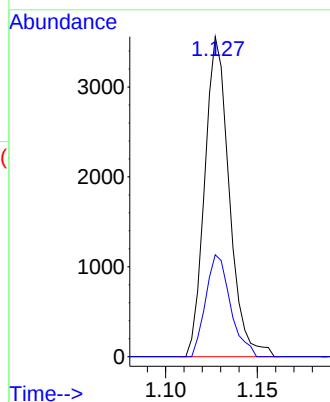
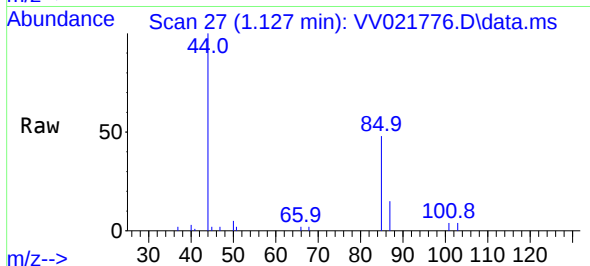
#2
Dichlorodifluoromethane
Concen: 0.222 ug/L
RT: 1.127 min Scan# 27
Delta R.T. -0.000 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18

Tgt Ion: 85 Resp: 3314
Ion Ratio Lower Upper
85 100
87 32.1 25.5 38.3

Instrument :
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ClientSampleId :
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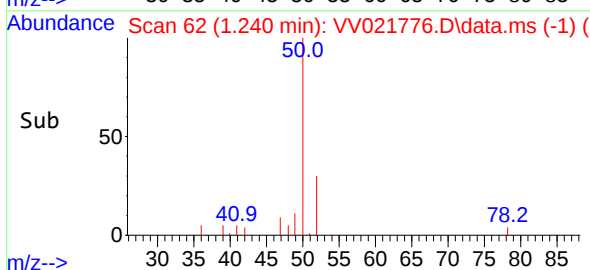
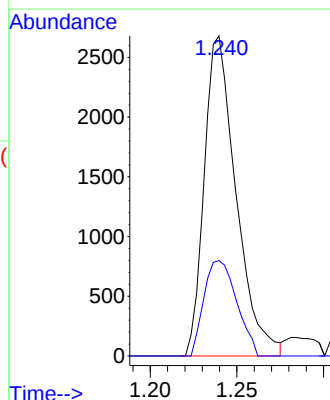
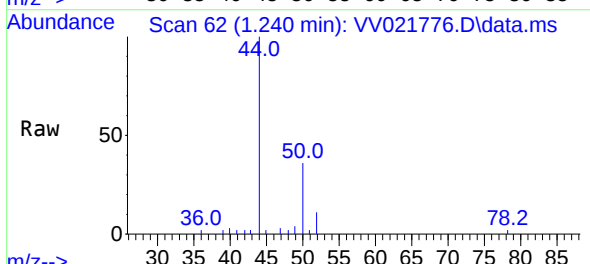
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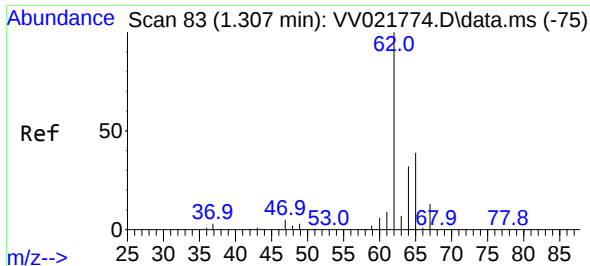
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#3
Chloromethane
Concen: 0.268 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18

Tgt Ion: 50 Resp: 3418
Ion Ratio Lower Upper
50 100
52 29.8 22.7 42.3





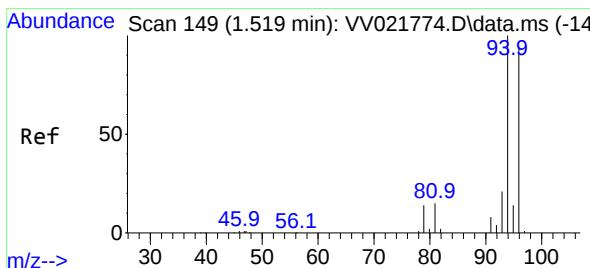
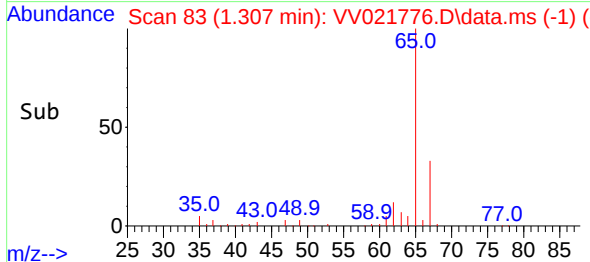
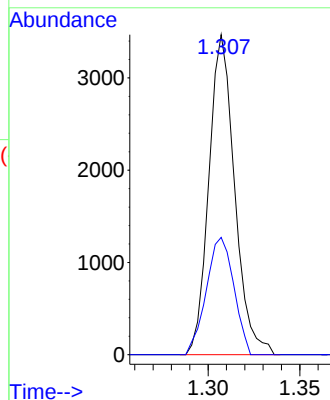
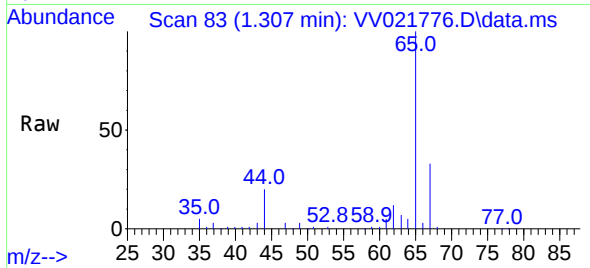
#5
 Vinyl chloride
 Concen: 0.252 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV021776.D
 Acq: 12 Aug 2021 11:18

Tgt Ion: 62 Resp: 3393
 Ion Ratio Lower Upper
 62 100
 64 36.7 23.0 42.8

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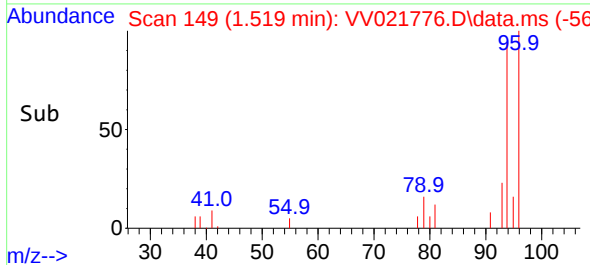
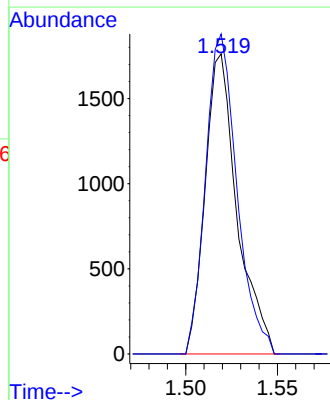
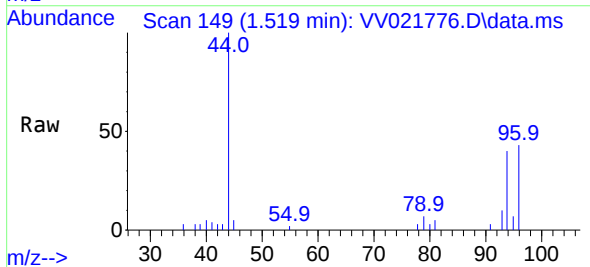
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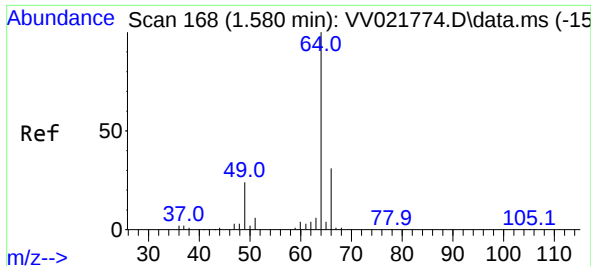
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#6
 Bromomethane
 Concen: 0.251 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV021776.D
 Acq: 12 Aug 2021 11:18

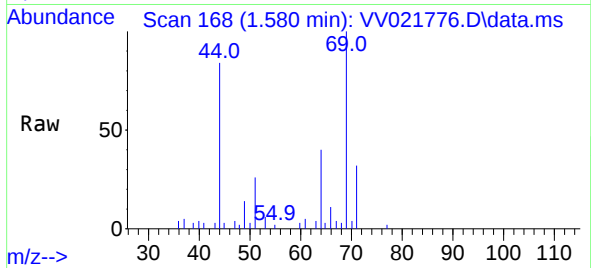
Tgt Ion: 94 Resp: 2130
 Ion Ratio Lower Upper
 94 100
 96 106.6 66.2 123.0



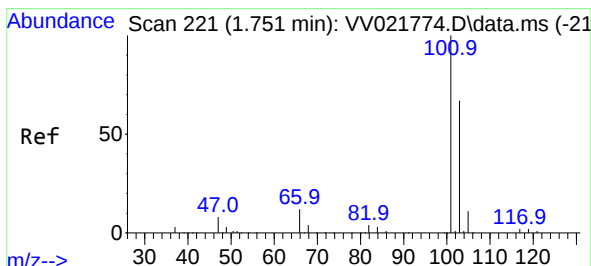
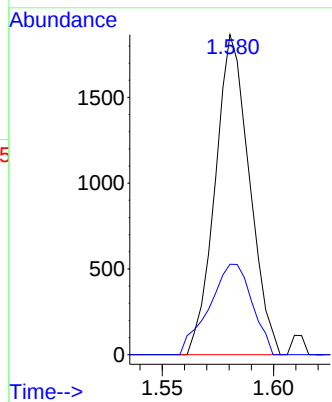
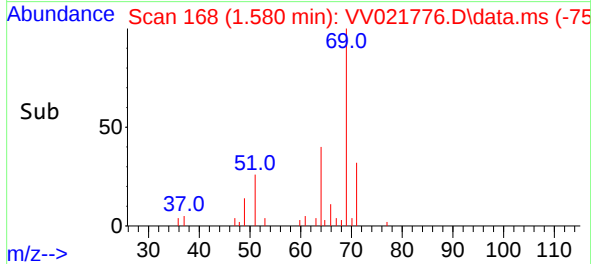


#8
Chloroethane
Concen: 0.236 ug/L
RT: 1.580 min Scan# 168
Delta R.T. -0.000 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18

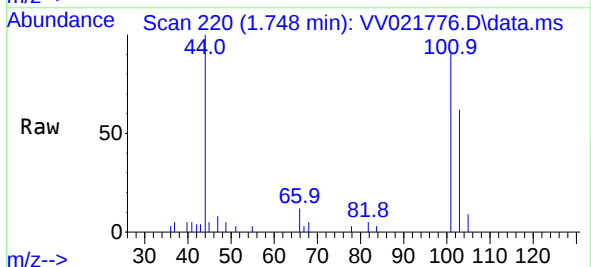
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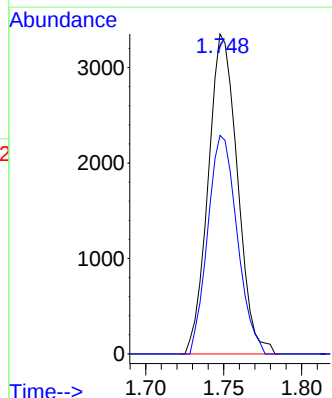
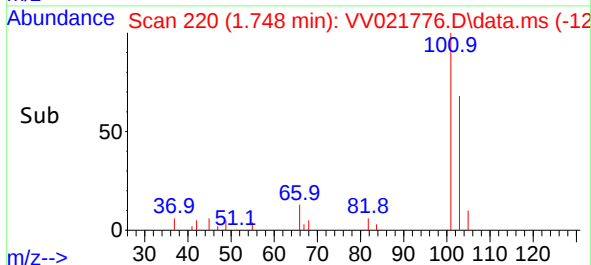
Tgt Ion: 64 Resp: 1995
Ion Ratio Lower Upper
64 100
66 26.2 23.5 43.7

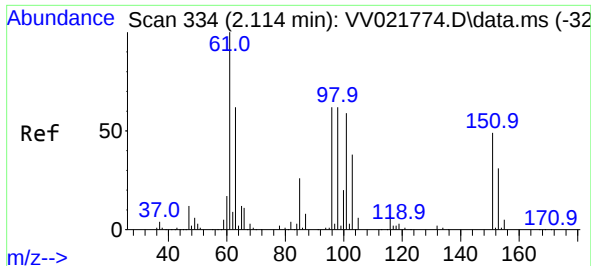


#9
Trichlorofluoromethane
Concen: 0.221 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18



Tgt Ion: 101 Resp: 4369
Ion Ratio Lower Upper
101 100
103 68.6 51.0 76.6





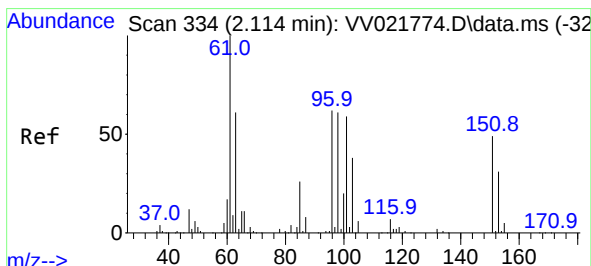
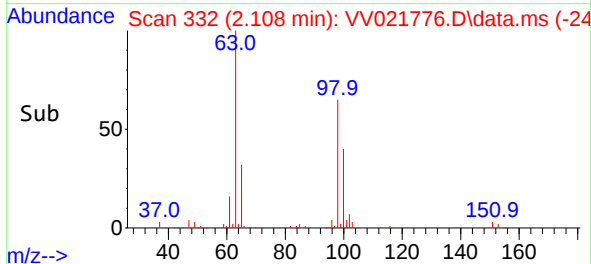
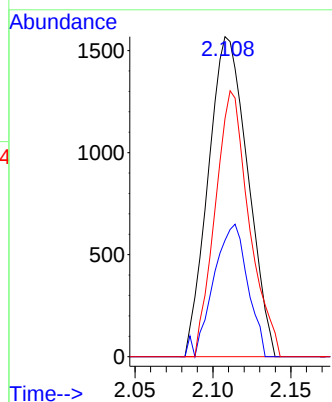
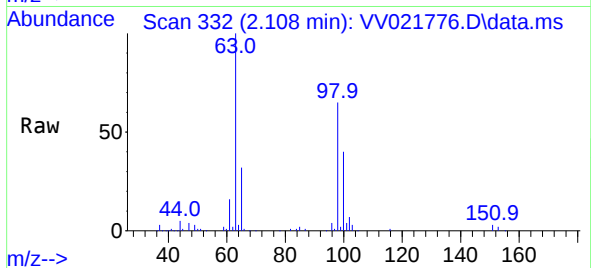
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1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.259 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.006 min
Lab File: VV021776.D
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Tgt Ion:101 Resp: 2758
Ion Ratio Lower Upper
101 100
85 35.8 34.3 51.5
151 71.5 64.5 96.7

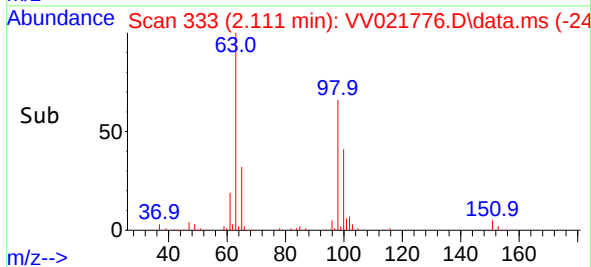
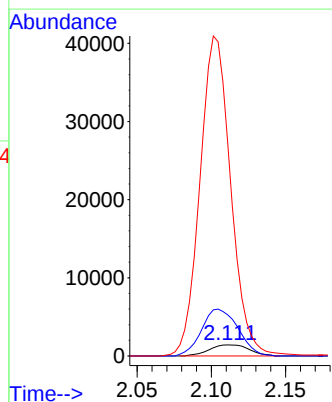
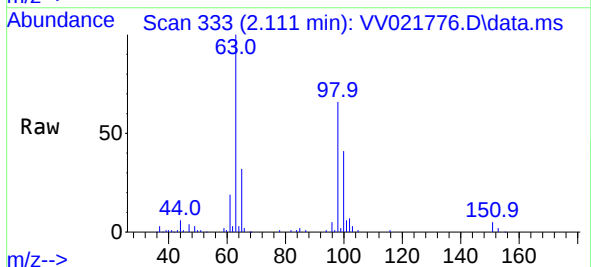
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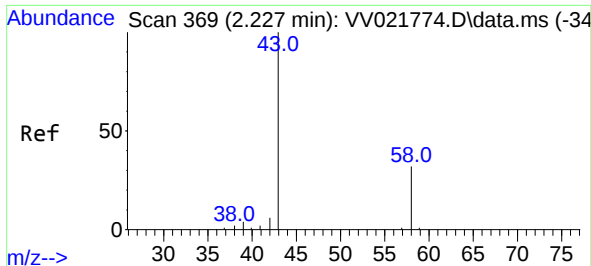
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#12
1,1-Dichloroethene
Concen: 0.277 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18

Tgt Ion: 96 Resp: 2648
Ion Ratio Lower Upper
96 100
61 371.5 113.3 210.3#
63 1922.7 84.1 156.1#





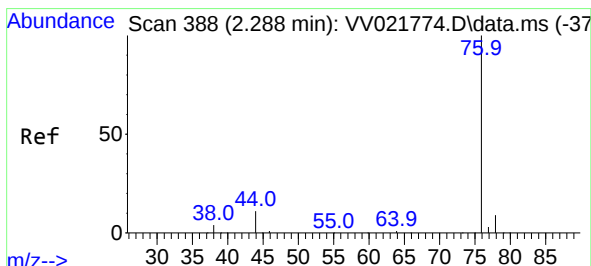
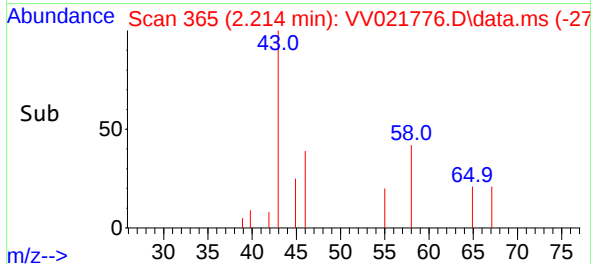
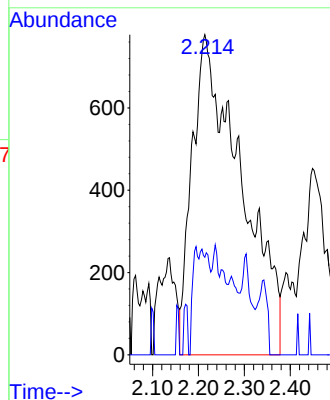
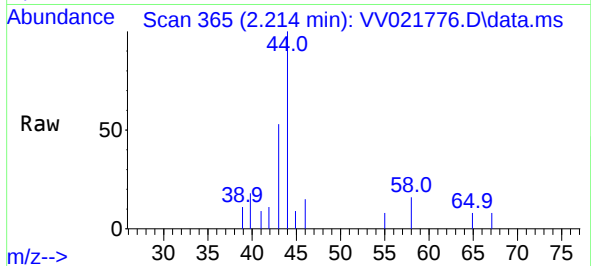
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Acetone
Concen: 2.870 ug/L m
RT: 2.214 min Scan# 365
Delta R.T. -0.013 min
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Tgt Ion: 43 Resp: 5730
Ion Ratio Lower Upper
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58 4.4 0.0 64.2

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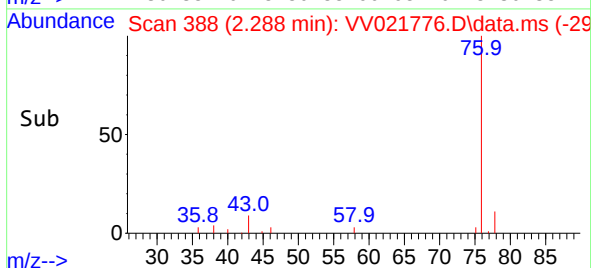
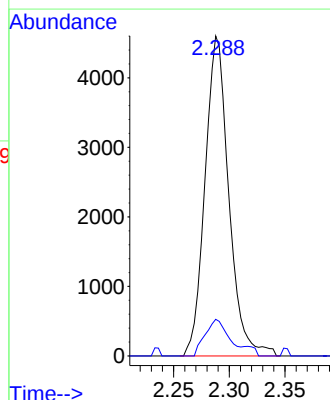
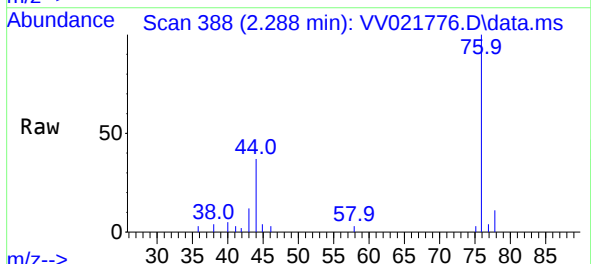
Manual Integrations
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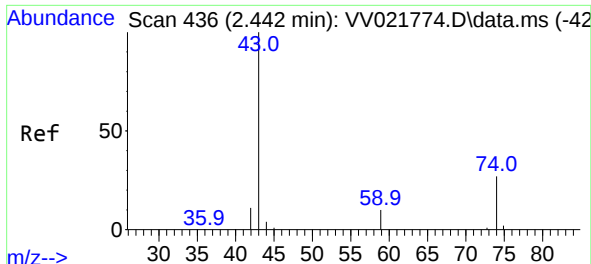
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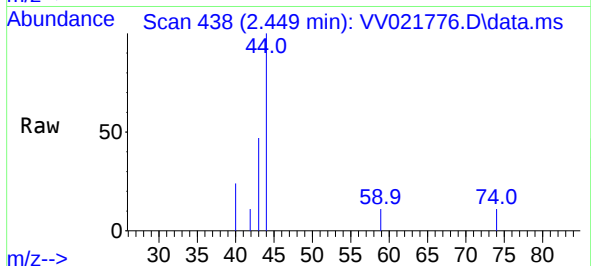
#14
Carbon disulfide
Concen: 0.245 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.000 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18

Tgt Ion: 76 Resp: 6850
Ion Ratio Lower Upper
76 100
78 11.5 7.4 11.2#

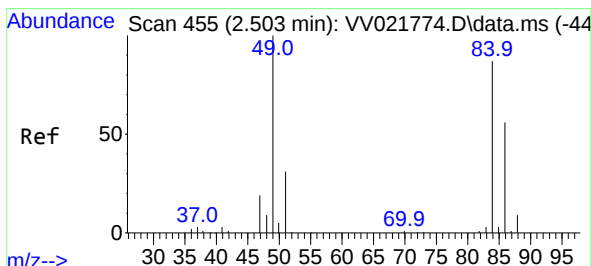
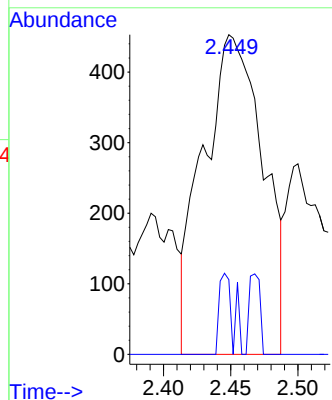
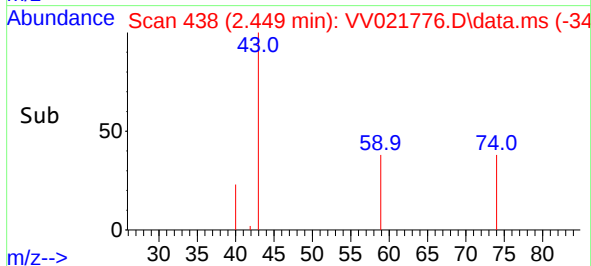




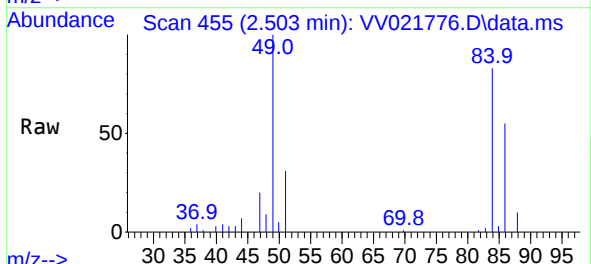
#15
Methyl Acetate
Concen: 0.246 ug/L m
RT: 2.449 min Scan# 438
Delta R.T. 0.006 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18



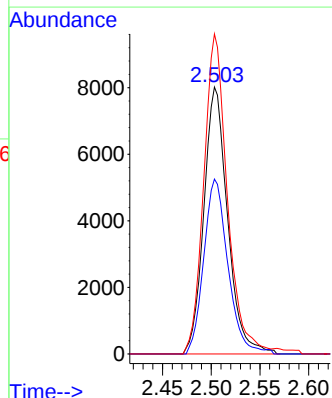
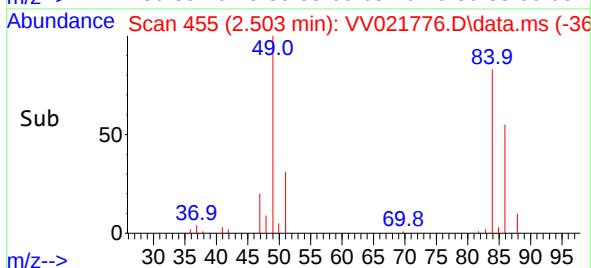
Tgt Ion: 43 Resp: 1410
Ion Ratio Lower Upper
43 100
74 5.8 19.4 29.2#



#16
Methylene chloride
Concen: 0.788 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18



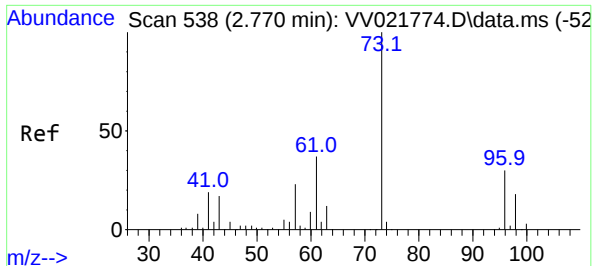
Tgt Ion: 84 Resp: 13594
Ion Ratio Lower Upper
84 100
86 65.6 44.7 83.1
49 119.9 80.2 149.0



Instrument :
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ClientSampleId :
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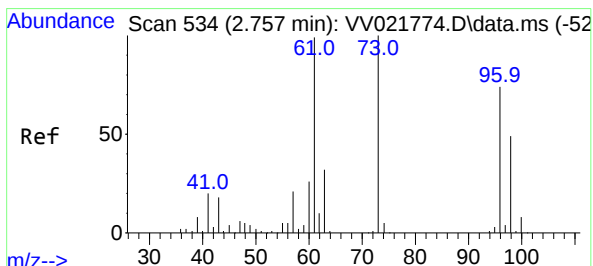
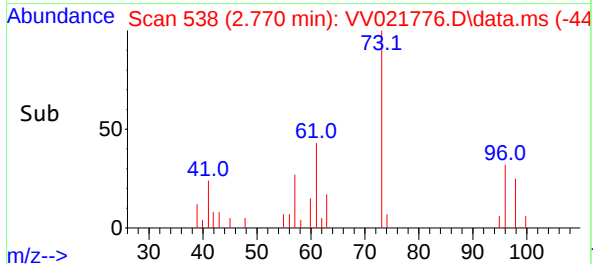
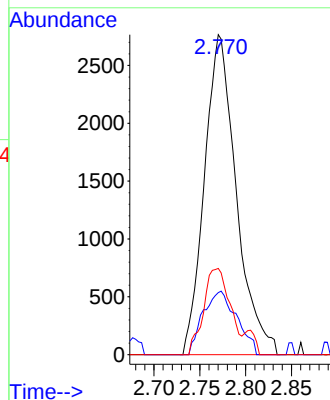
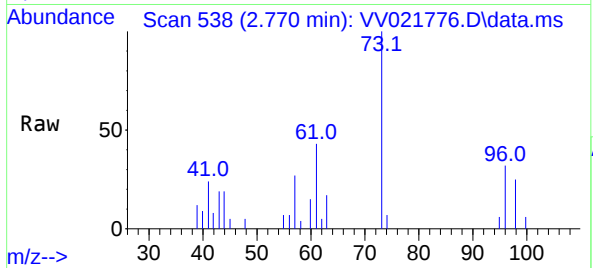
#17
Methyl tert-butyl Ether
Concen: 0.223 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18

Tgt Ion:	73	Resp:	6681
Ion	Ratio	Lower	Upper
73	100		
43	21.0	14.6	22.0
57	22.4	17.8	26.8

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2021-08

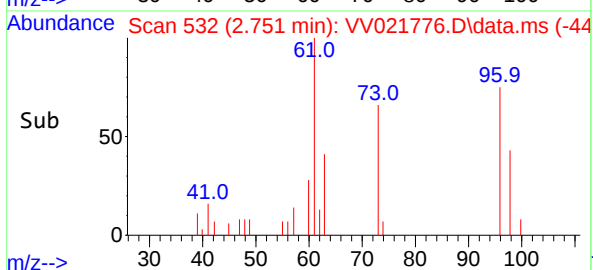
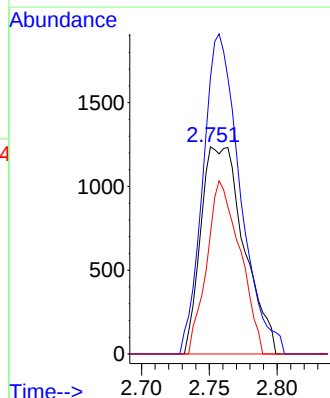
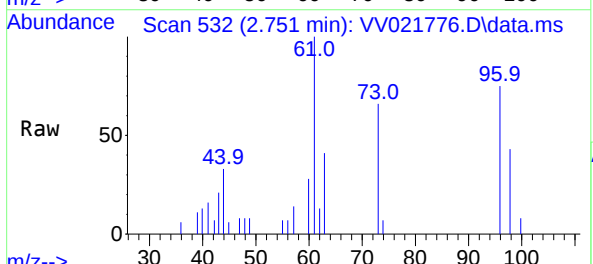
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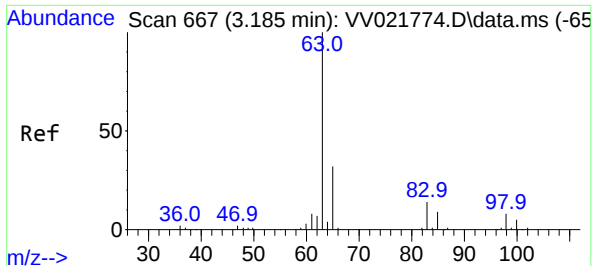
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#18
trans-1,2-Dichloroethene
Concen: 0.222 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.006 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18

Tgt Ion:	96	Resp:	2734
Ion	Ratio	Lower	Upper
96	100		
61	133.4	92.9	172.5
98	58.0	46.2	85.8





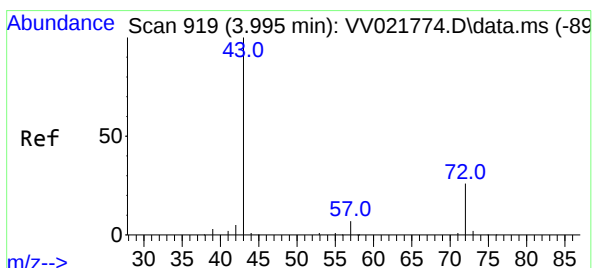
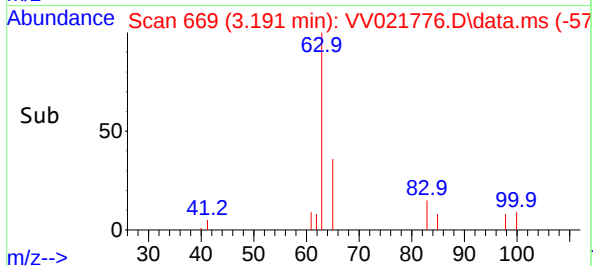
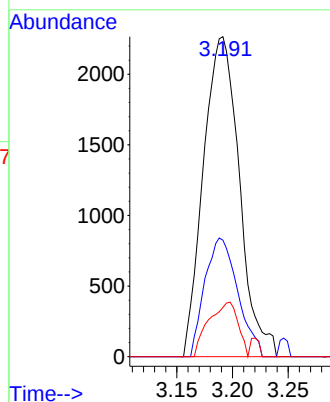
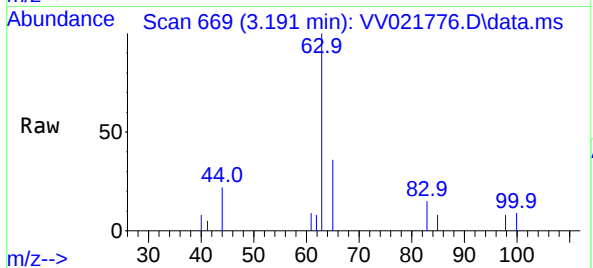
#19
1,1-Dichloroethane
Concen: 0.222 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.006 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18

Tgt Ion:	63	Resp:	5088
Ion	Ratio	Lower	Upper
63	100		
65	36.4	22.5	41.7
83	15.4	9.2	17.0

Instrument :
MSVOA_V
ClientSampleId :
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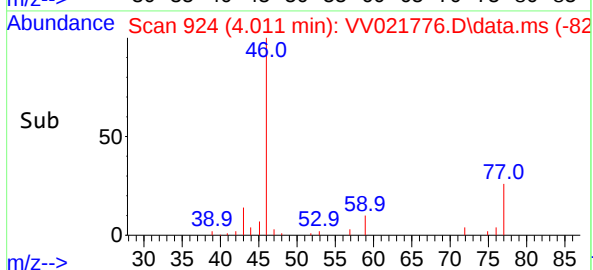
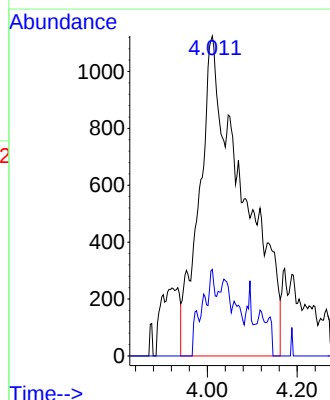
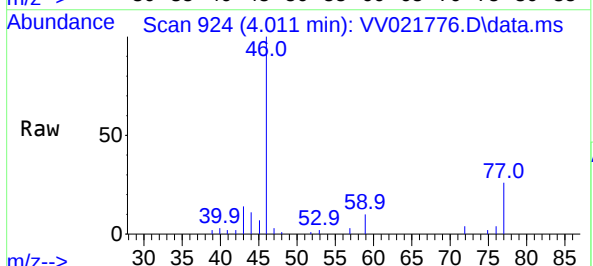
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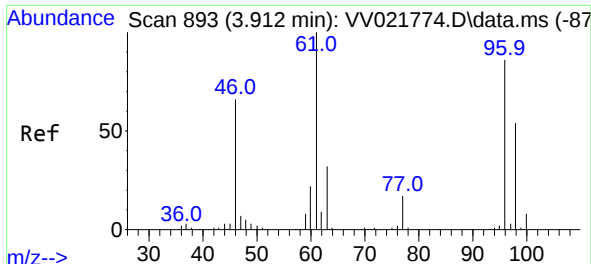
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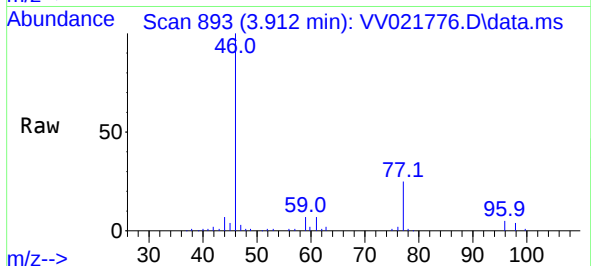
#21
2-Butanone
Concen: 2.341 ug/L m
RT: 4.011 min Scan# 924
Delta R.T. 0.016 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18

Tgt Ion:	43	Resp:	7627
Ion	Ratio	Lower	Upper
43	100		
72	0.2	13.1	39.1#



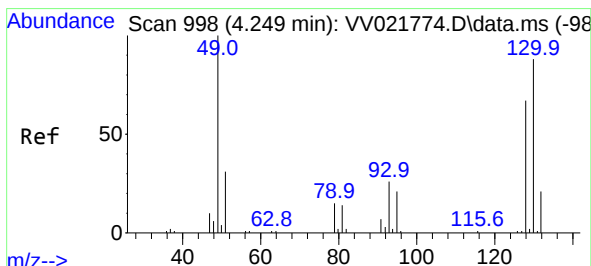
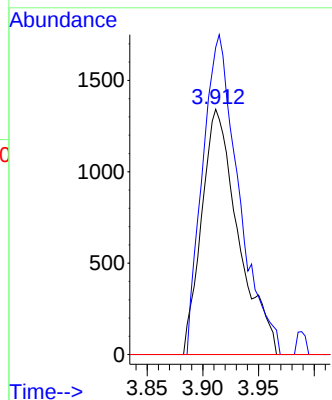
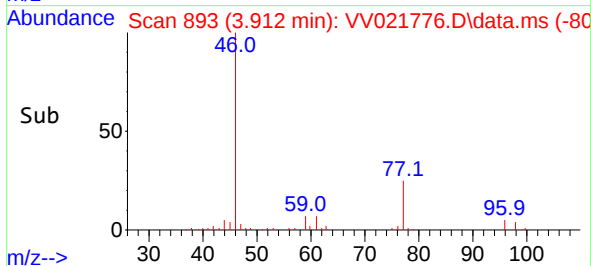


#22
cis-1,2-Dichloroethene
Concen: 0.221 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.000 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18

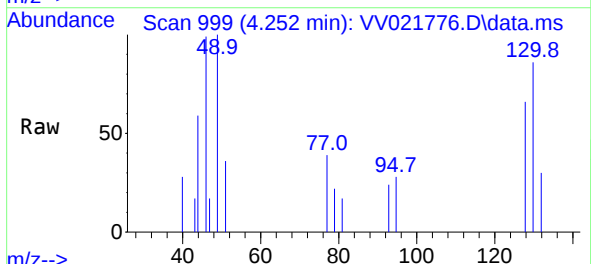


Tgt Ion: 96 Resp: 3062

Ion	Ratio	Lower	Upper
96	100		
61	125.3	84.5	156.9
68	0.0	0.0	0.0

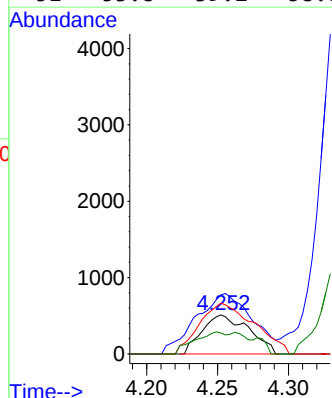
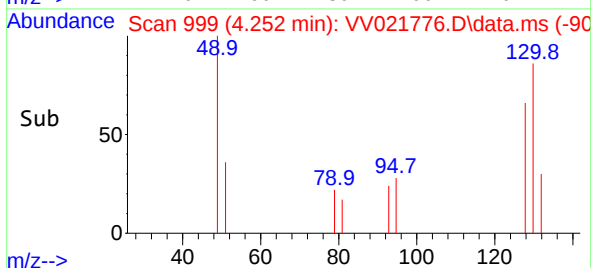


#23
Bromochloromethane
Concen: 0.188 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.003 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18



Tgt Ion: 128 Resp: 1172

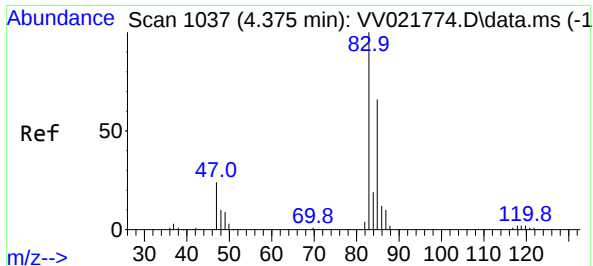
Ion	Ratio	Lower	Upper
128	100		
49	151.5	106.0	196.9
130	129.9	92.0	170.8
51	53.8	39.2	58.8



Instrument :
MSVOA_V
ClientSampleId :
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#25

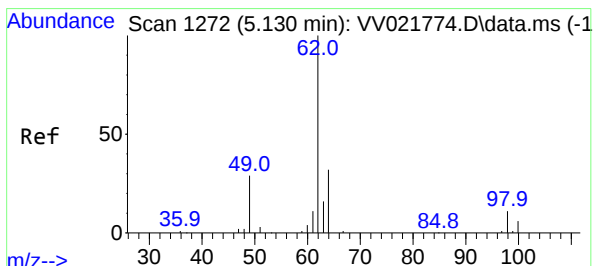
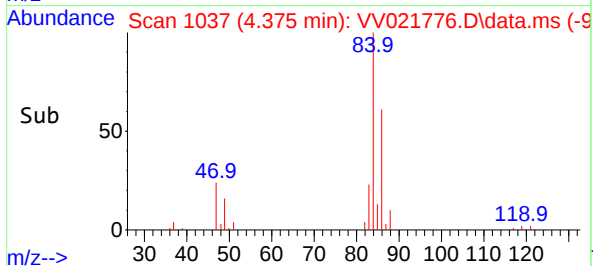
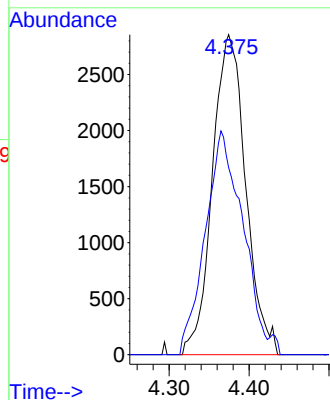
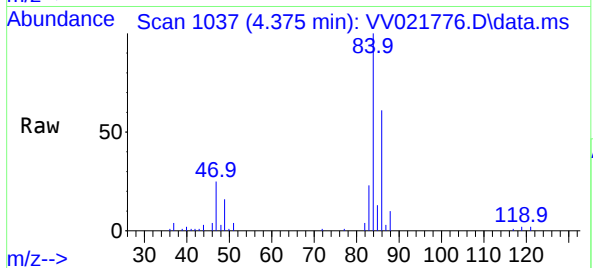
Chloroform
Concen: 0.337 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18

Tgt Ion: 83 Resp: 8258
Ion Ratio Lower Upper
83 100
85 58.4 44.2 82.2

Instrument :
MSVOA_V
ClientSampleId :
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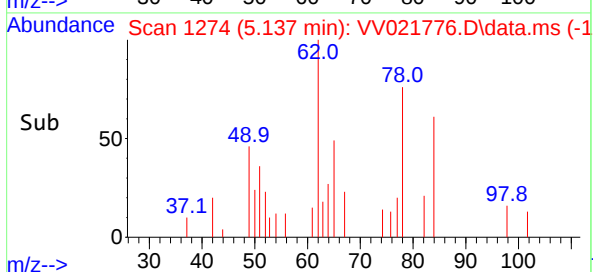
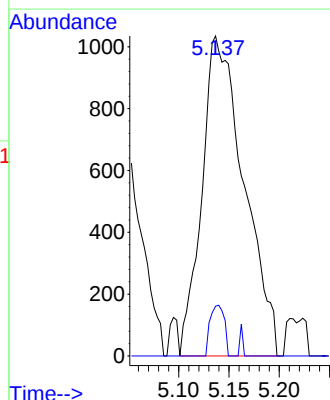
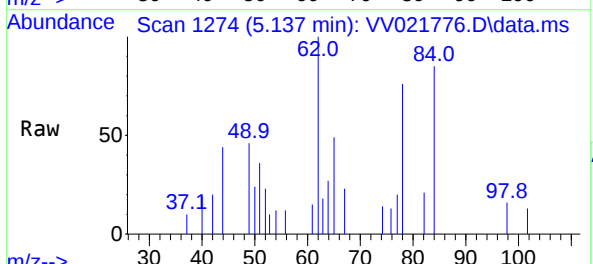
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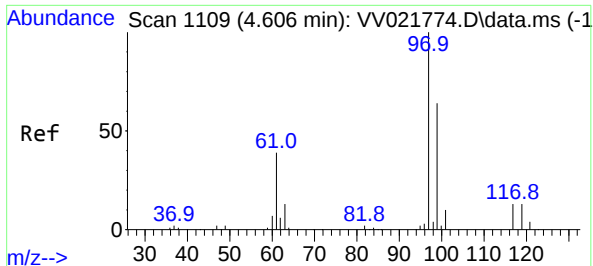


#27

1,2-Dichloroethane
Concen: 0.230 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18

Tgt Ion: 62 Resp: 3011
Ion Ratio Lower Upper
62 100
98 15.6 9.0 13.6#





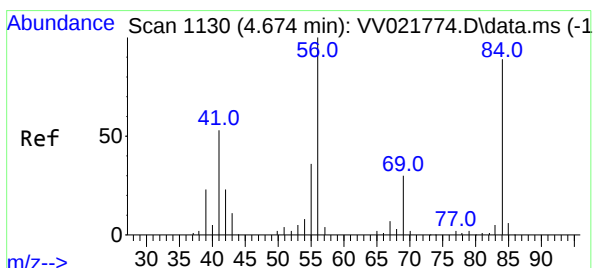
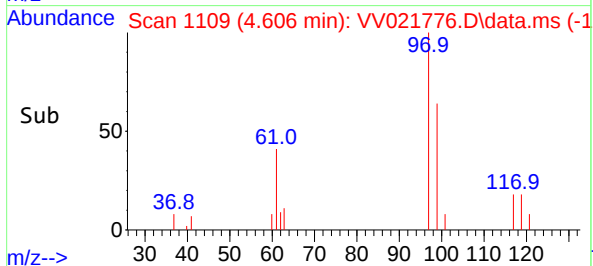
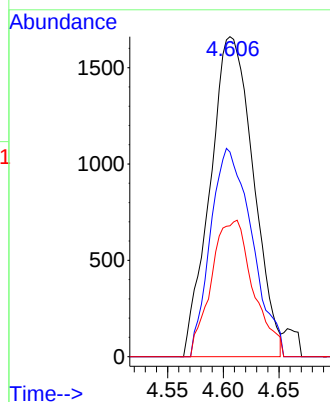
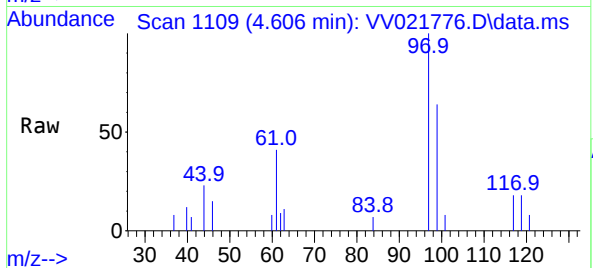
#29
1,1,1-Trichloroethane
Concen: 0.220 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18

Tgt Ion:	97	Resp:	4485
Ion	Ratio	Lower	Upper
97	100		
99	62.5	52.0	78.0
61	41.3	32.6	48.8

Instrument :
MSVOA_V
ClientSampleId :
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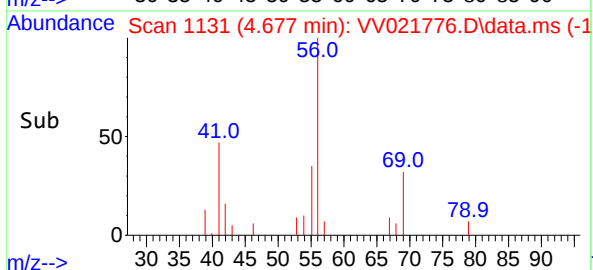
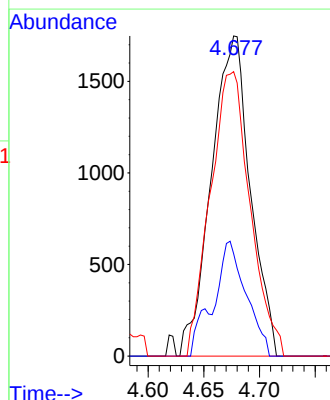
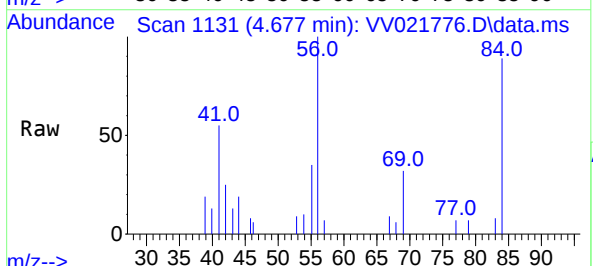
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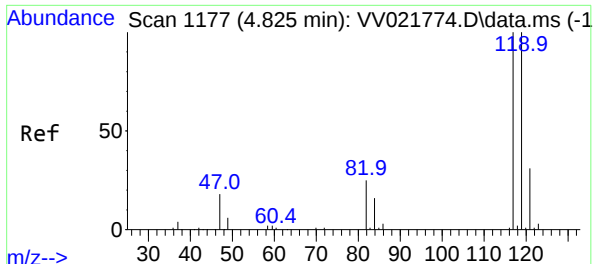
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#30
Cyclohexane
Concen: 0.232 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18

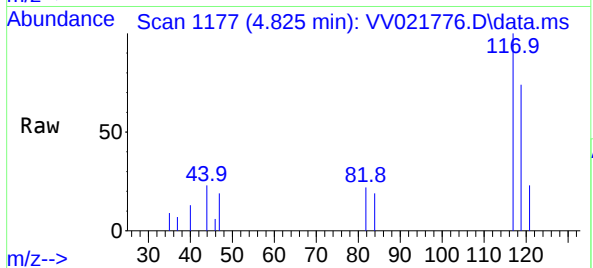
Tgt Ion:	56	Resp:	4259
Ion	Ratio	Lower	Upper
56	100		
69	24.6	24.2	36.2
84	90.7	72.7	109.1





#31
Carbon tetrachloride
Concen: 0.211 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18

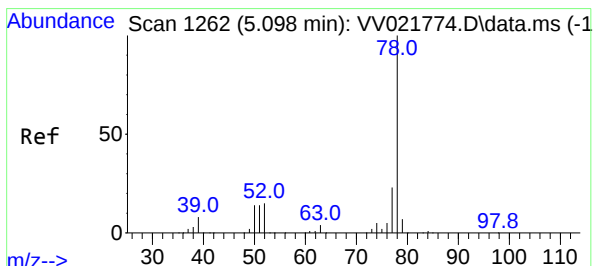
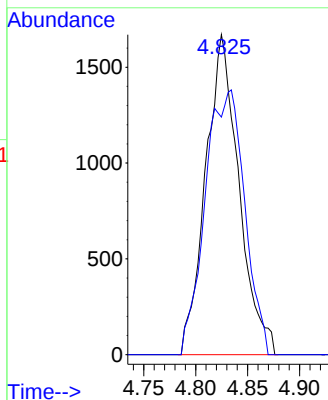
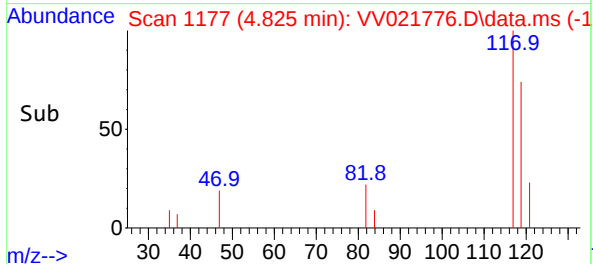
Instrument :
MSVOA_V
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MDL-WATER-QT4-2021-08



Tgt Ion:117 Resp: 3721
Ion Ratio Lower Upper
117 100
119 98.1 77.3 115.9

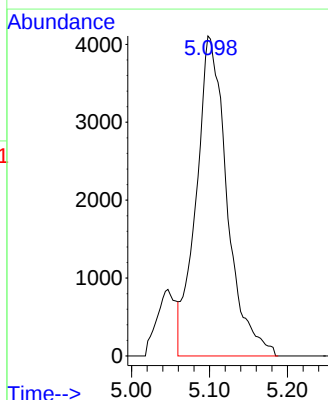
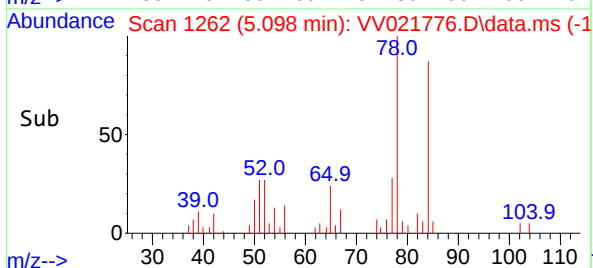
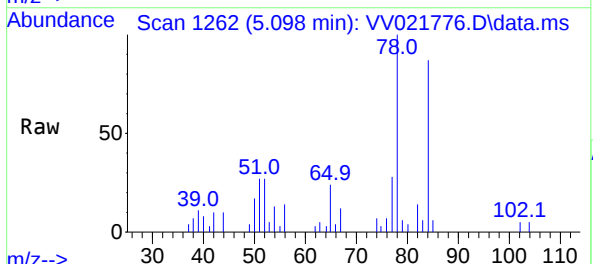
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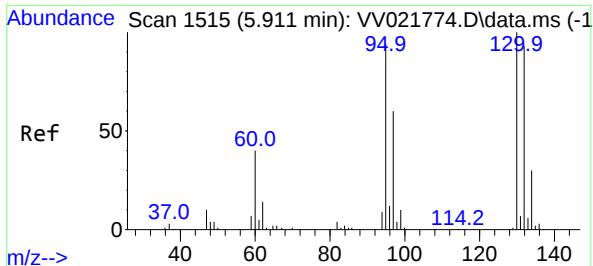
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#33
Benzene
Concen: 0.230 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18

Tgt Ion: 78 Resp: 11276





#34

Trichloroethene

Concen: 0.242 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.010 min

Lab File: VV021776.D

Acq: 12 Aug 2021 11:18

Tgt Ion: 95 Resp: 3336

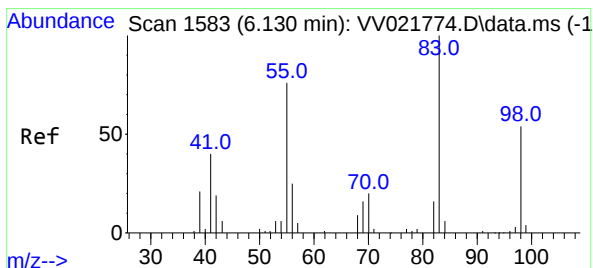
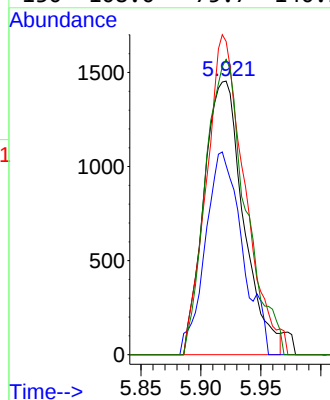
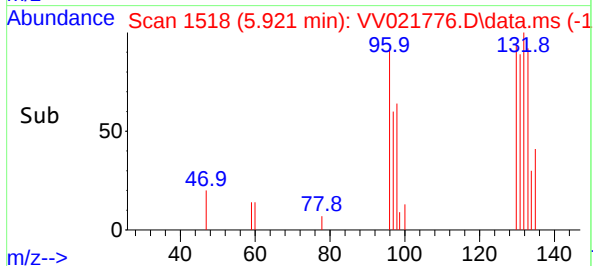
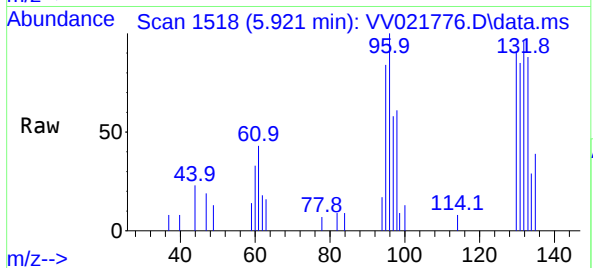
Ion Ratio Lower Upper

95 100

97 69.2 46.1 85.5

132 114.5 71.4 132.6

130 108.0 75.7 140.5



#35

Methylcyclohexane

Concen: 0.244 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.003 min

Lab File: VV021776.D

Acq: 12 Aug 2021 11:18

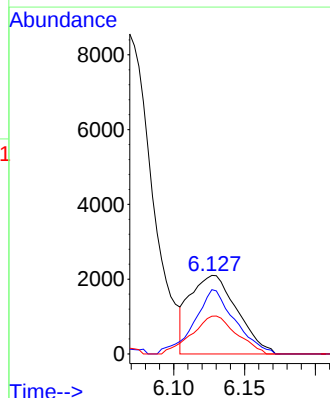
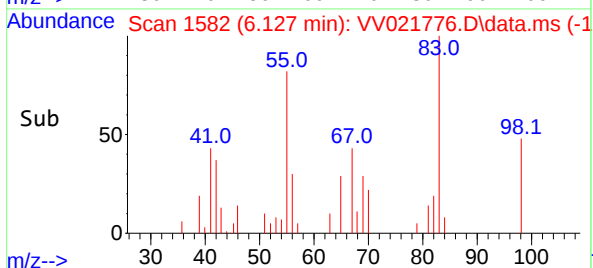
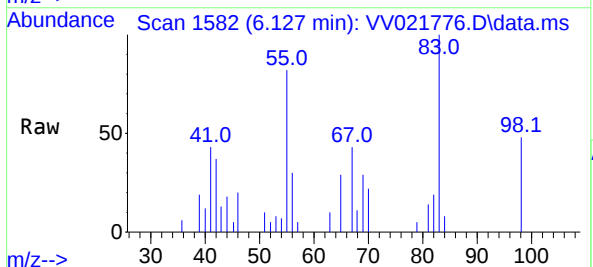
Tgt Ion: 83 Resp: 4852

Ion Ratio Lower Upper

83 100

55 70.6 57.8 86.6

98 45.4 38.5 57.7



Instrument :

MSVOA_V

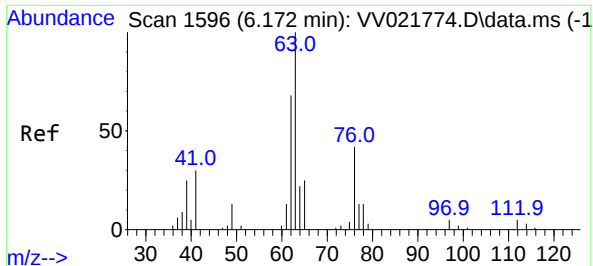
ClientSampleId :

MDL-WATER-QT4-2021-08

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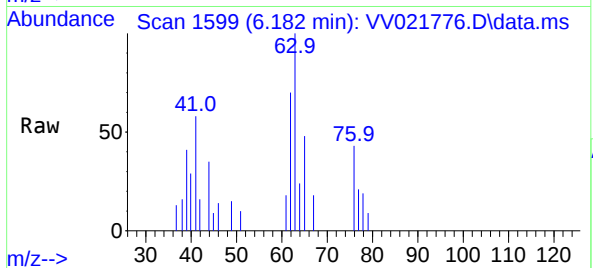
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#37
1,2-Dichloropropane
Concen: 0.261 ug/L
RT: 6.182 min Scan# 1599
Delta R.T. 0.010 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18

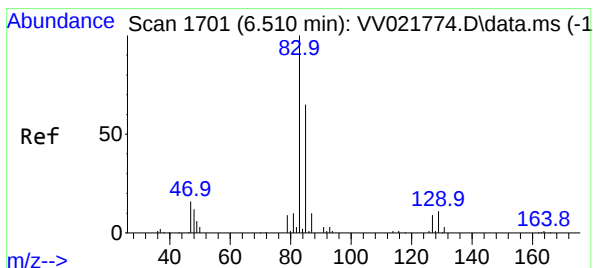
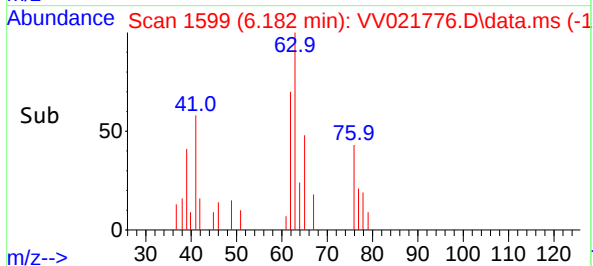
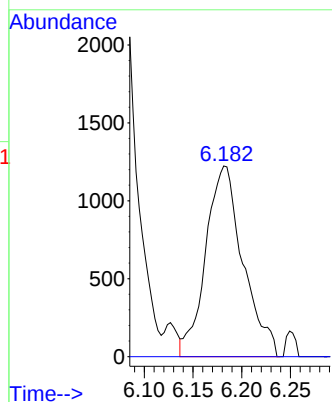
Instrument :
MSVOA_V
ClientSampleId :
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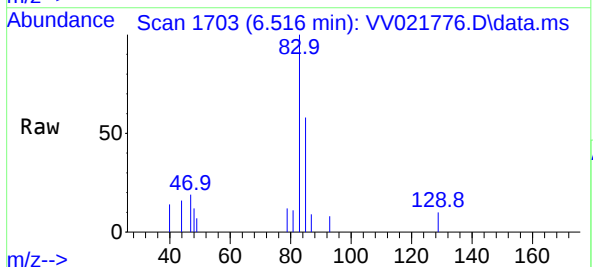
Tgt Ion: 63 Resp: 3247
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#

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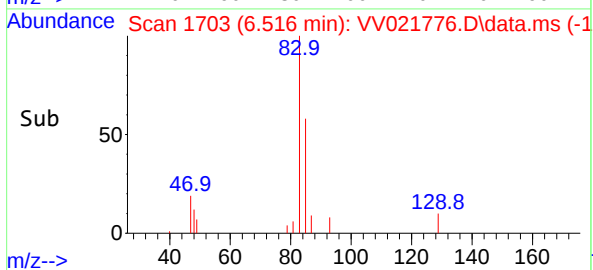
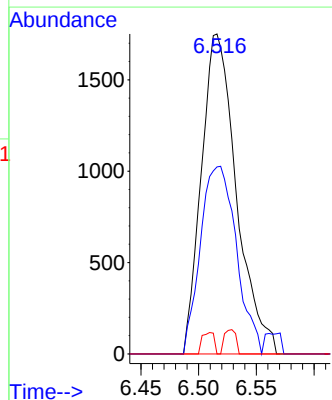
MMDadoda
8/13/2021 9:14:23 AM

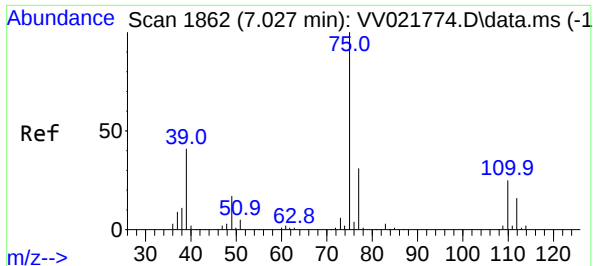


#38
Bromodichloromethane
Concen: 0.231 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18



Tgt Ion: 83 Resp: 3701
Ion Ratio Lower Upper
83 100
85 58.4 43.5 80.7
127 0.0 6.9 10.3#





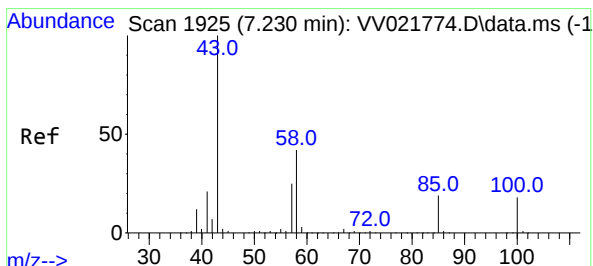
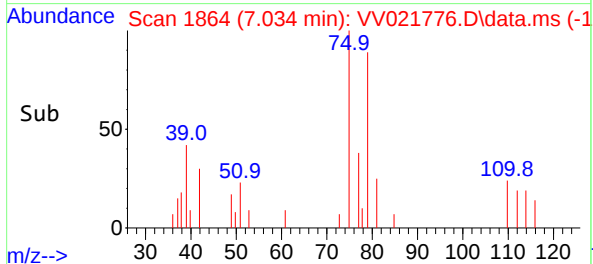
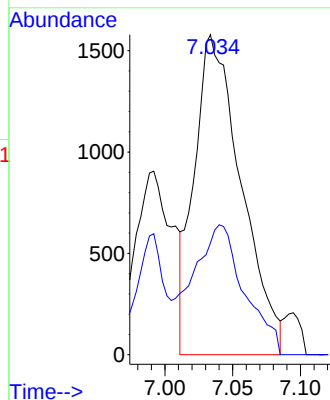
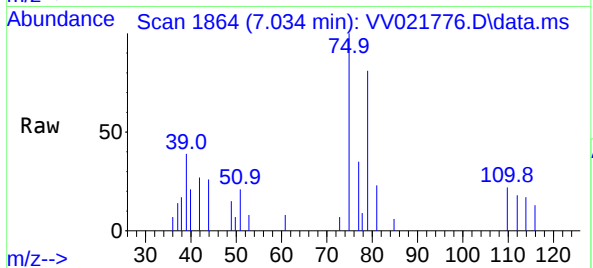
#39
cis-1,3-Dichloropropene
Concen: 0.211 ug/L
RT: 7.034 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18

Tgt Ion: 75 Resp: 3800
Ion Ratio Lower Upper
75 100
77 34.9 22.2 41.2

Instrument :
MSVOA_V
ClientSampleId :
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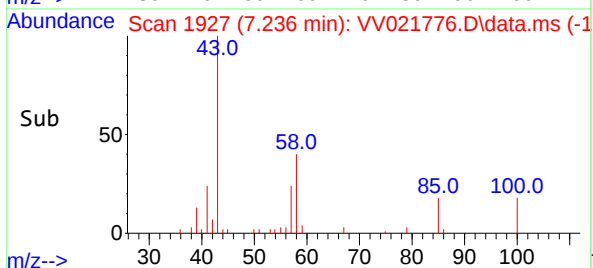
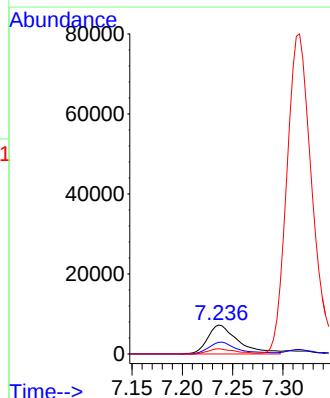
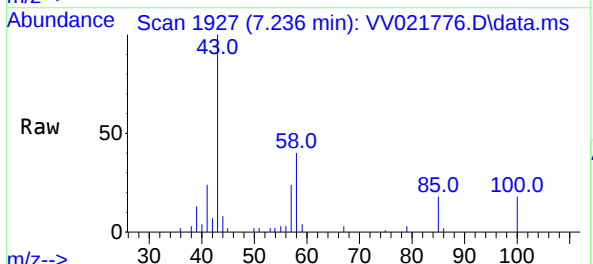
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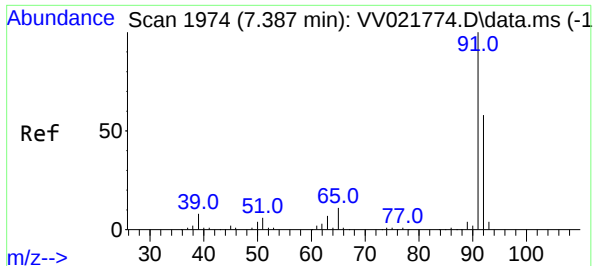
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#40
4-Methyl-2-pentanone
Concen: 2.009 ug/L
RT: 7.236 min Scan# 1927
Delta R.T. 0.006 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18

Tgt Ion: 43 Resp: 15363
Ion Ratio Lower Upper
43 100
58 38.2 32.9 49.3
100 0.0 13.5 20.3#





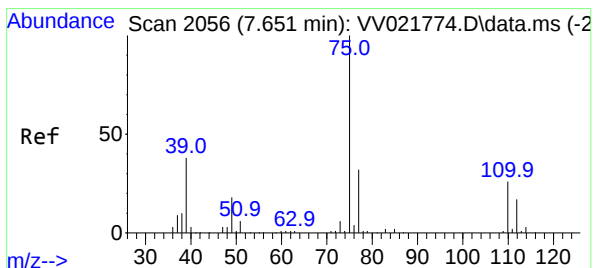
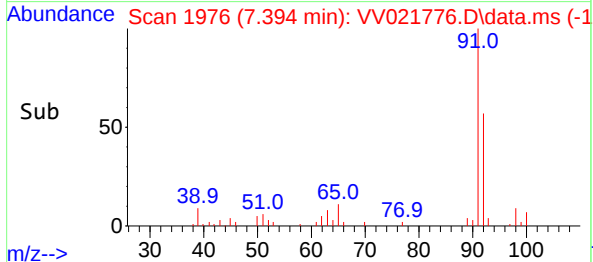
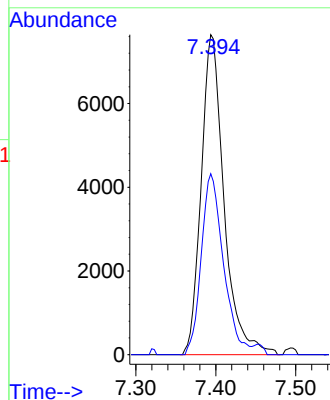
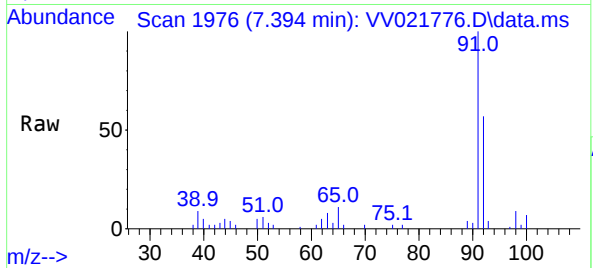
#42
Toluene
Concen: 0.287 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18

Tgt Ion: 91 Resp: 15212
Ion Ratio Lower Upper
91 100
92 56.5 40.3 74.9

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2021-08

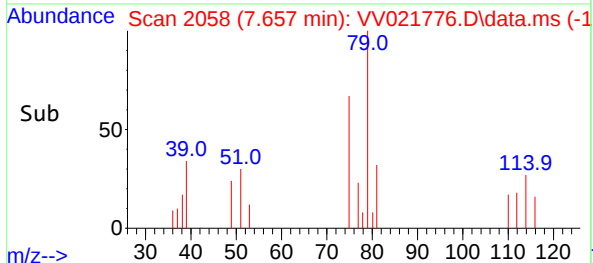
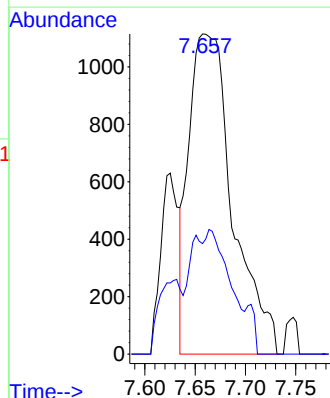
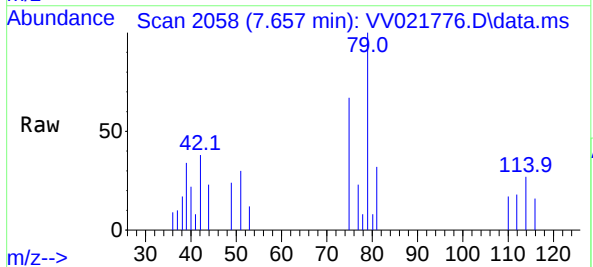
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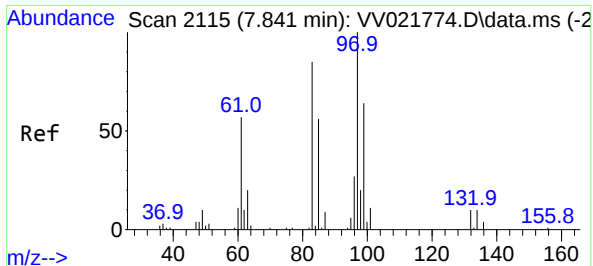
MMDadoda
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#44
trans-1,3-Dichloropropene
Concen: 0.222 ug/L
RT: 7.657 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18

Tgt Ion: 75 Resp: 3391
Ion Ratio Lower Upper
75 100
77 34.5 23.3 43.3





#45

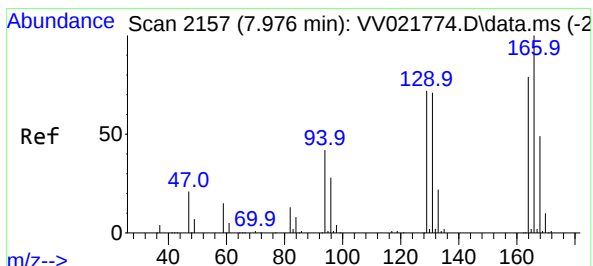
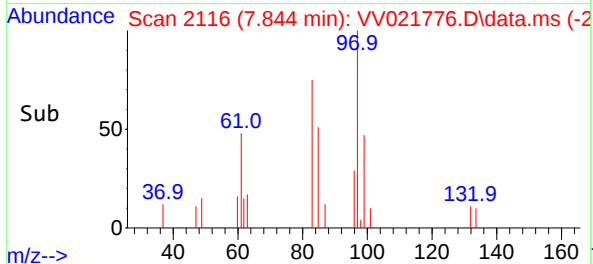
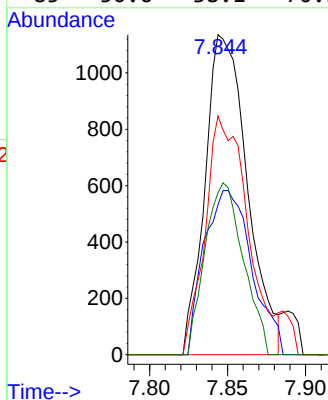
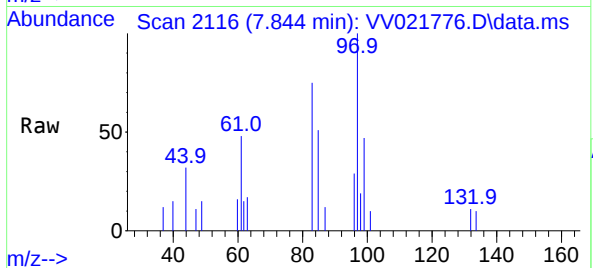
1,1,2-Trichloroethane
Concen: 0.231 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.003 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18

Tgt Ion:	97	Resp:	2149
Ion	Ratio	Lower	Upper
97	100		
99	46.9	43.8	81.3
83	74.6	60.8	113.0
85	50.6	38.1	70.9

Instrument :
MSVOA_V
ClientSampleId :
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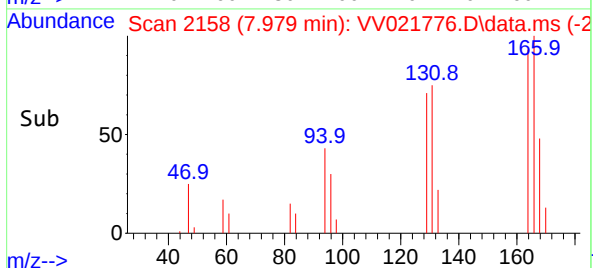
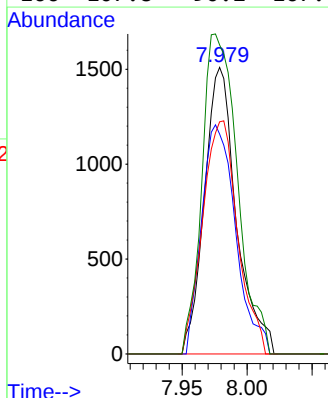
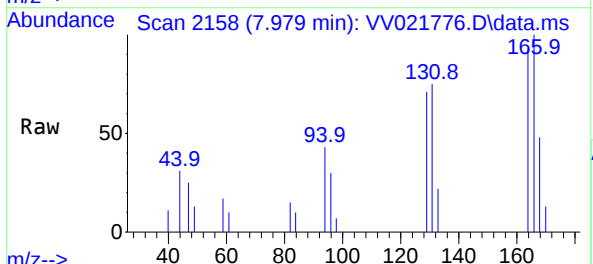
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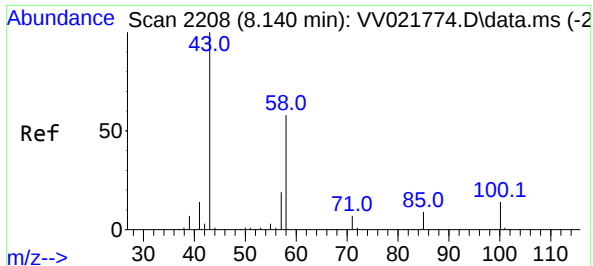


#47

Tetrachloroethene
Concen: 0.242 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18

Tgt Ion:	164	Resp:	2590
Ion	Ratio	Lower	Upper
164	100		
129	76.7	65.4	121.4
131	81.0	64.3	119.3
166	107.8	90.2	167.4





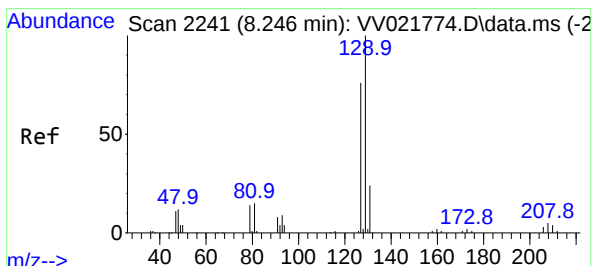
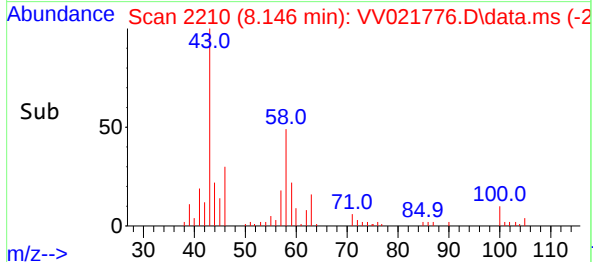
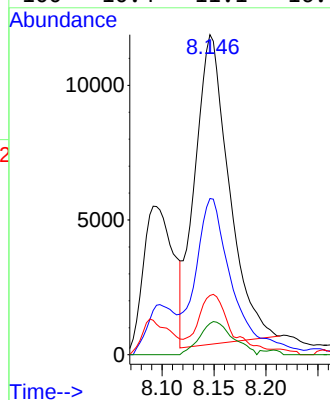
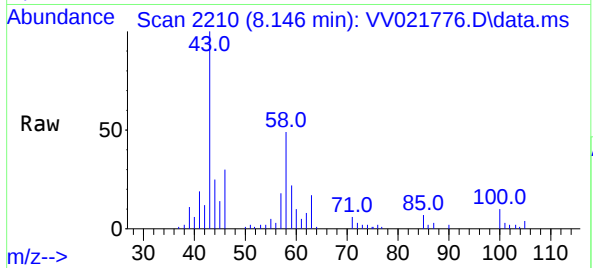
#48
2-Hexanone
Concen: 4.968 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18

Tgt Ion:	43	Resp:	26178
Ion	Ratio	Lower	Upper
43	100		
58	52.0	48.3	72.5
57	16.6	15.4	23.2
100	10.4	11.1	16.7#

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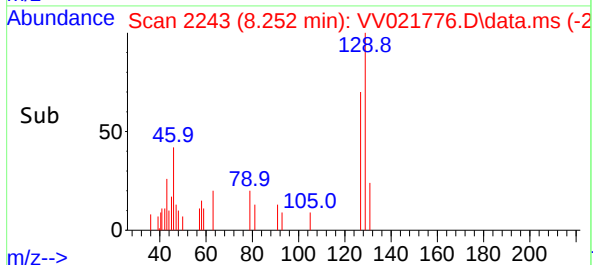
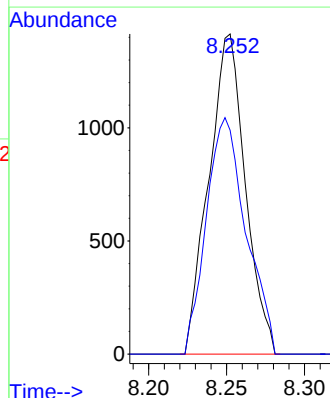
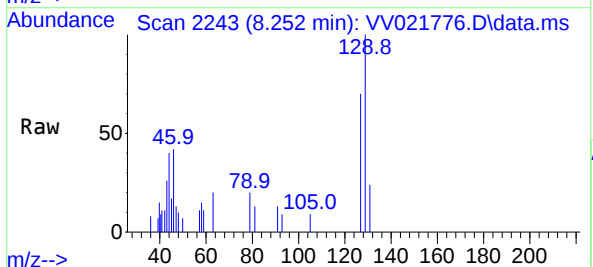
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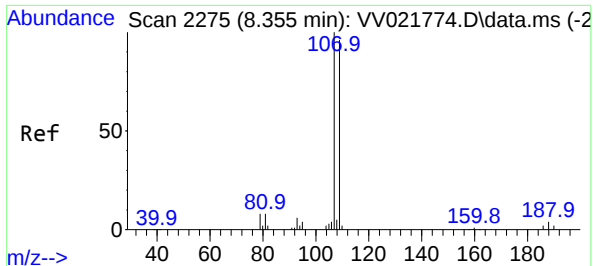
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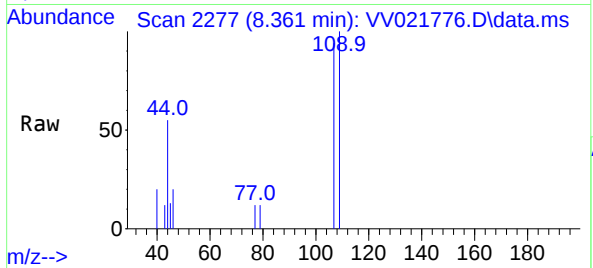
#49
Dibromochloromethane
Concen: 0.208 ug/L
RT: 8.252 min Scan# 2243
Delta R.T. 0.006 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18

Tgt Ion:	129	Resp:	2301
Ion	Ratio	Lower	Upper
129	100		
127	69.9	53.9	100.1

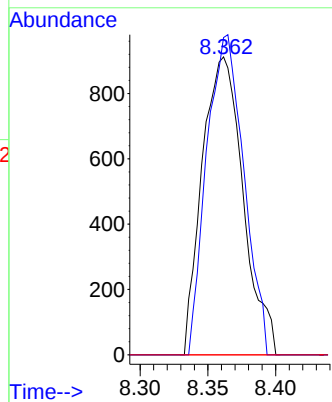




#50
1,2-Dibromoethane
Concen: 0.221 ug/L
RT: 8.361 min Scan# 2277
Delta R.T. 0.006 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18



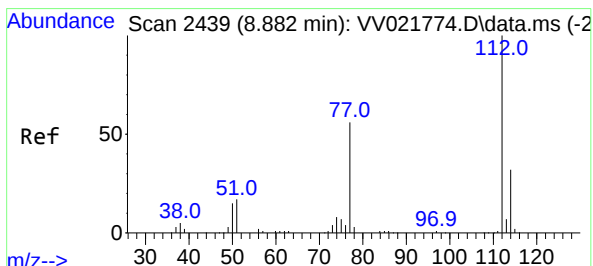
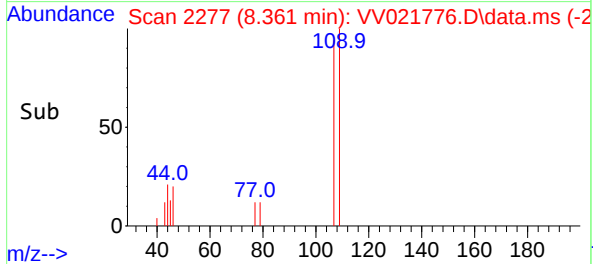
Tgt Ion:107 Resp: 1920
Ion Ratio Lower Upper
107 100
109 106.5 66.1 122.7
188 0.0 2.9 4.3#



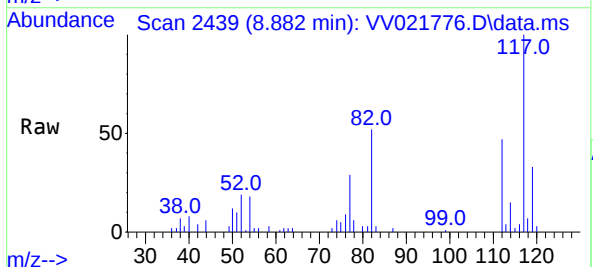
Instrument :
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ClientSampleId :
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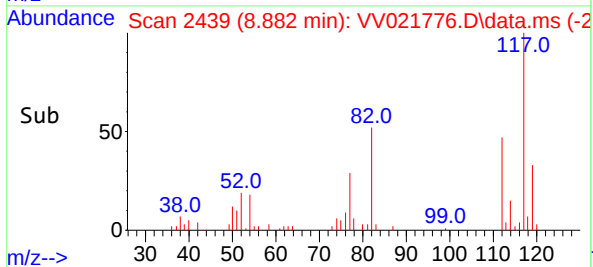
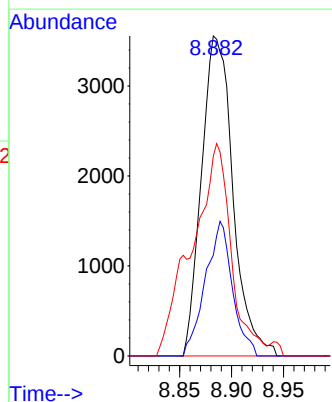
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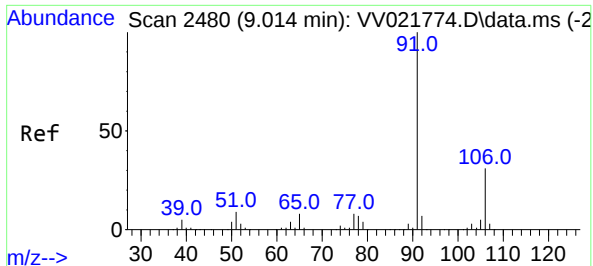


#51
Chlorobenzene
Concen: 0.212 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18



Tgt Ion:112 Resp: 7482
Ion Ratio Lower Upper
112 100
114 31.5 23.2 43.0
77 62.4 44.6 67.0





#52

Ethylbenzene

Concen: 0.225 ug/L

RT: 9.017 min Scan# 2481

Delta R.T. 0.003 min

Lab File: VV021776.D

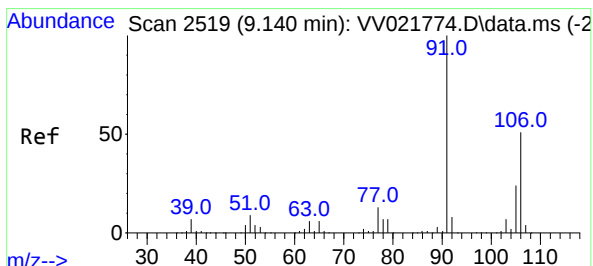
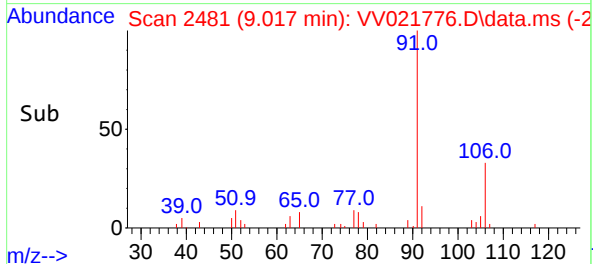
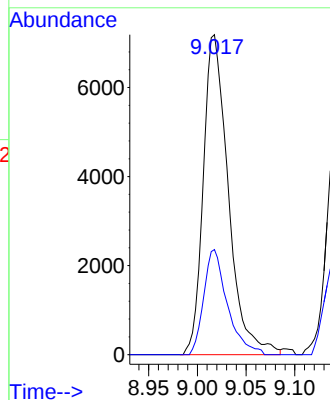
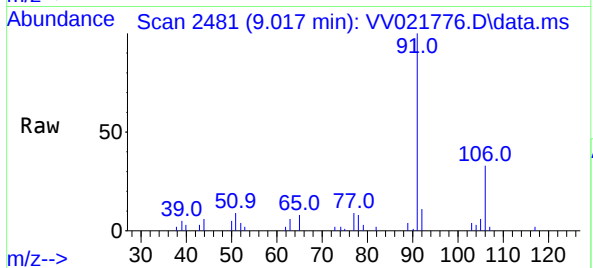
Acq: 12 Aug 2021 11:18

Tgt Ion: 91 Resp: 12868

Ion Ratio Lower Upper

91 100

106 32.8 22.0 41.0



#53

m,p-xylene

Concen: 0.223 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.006 min

Lab File: VV021776.D

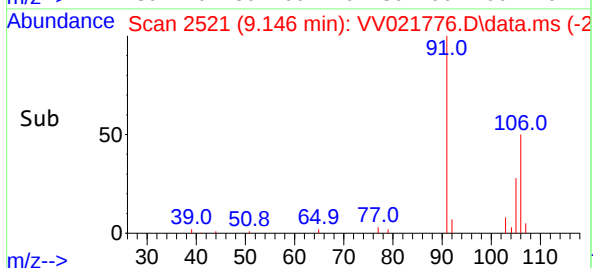
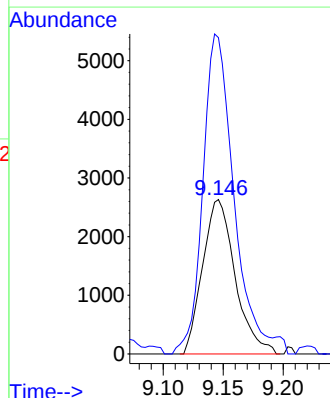
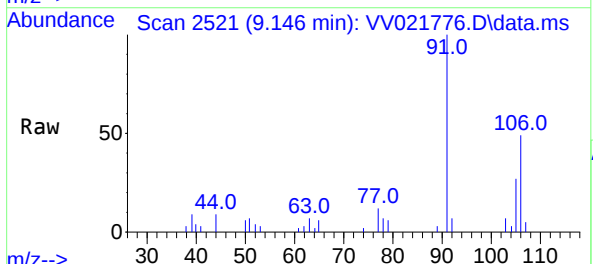
Acq: 12 Aug 2021 11:18

Tgt Ion: 106 Resp: 4971

Ion Ratio Lower Upper

106 100

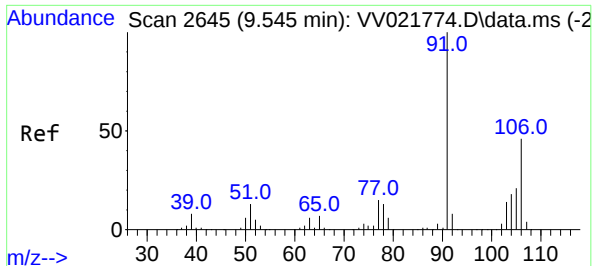
91 204.8 140.4 260.8



Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2021-08

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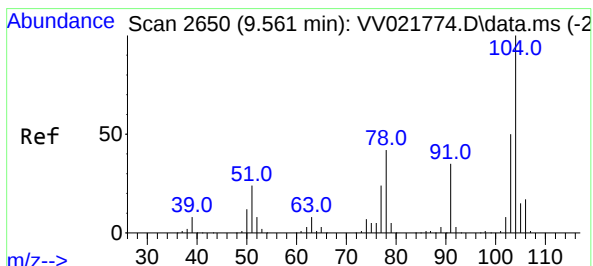
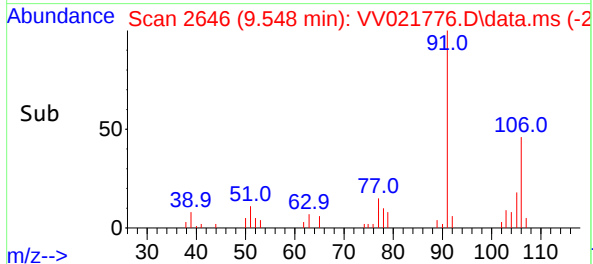
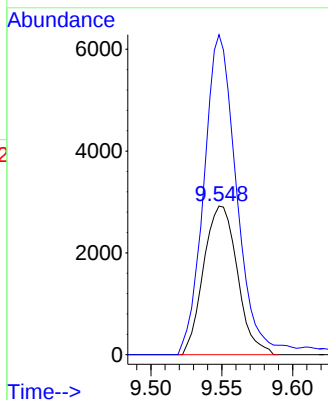
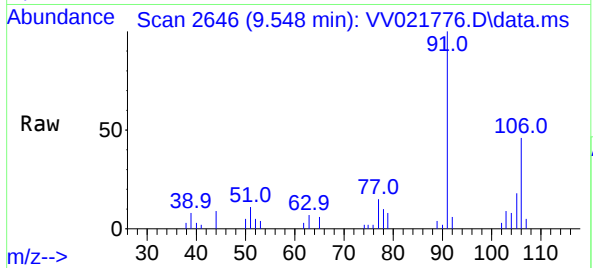
#54
o-xylene
Concen: 0.220 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18

Tgt Ion:106 Resp: 4845
Ion Ratio Lower Upper
106 100
91 215.3 147.7 274.3

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2021-08

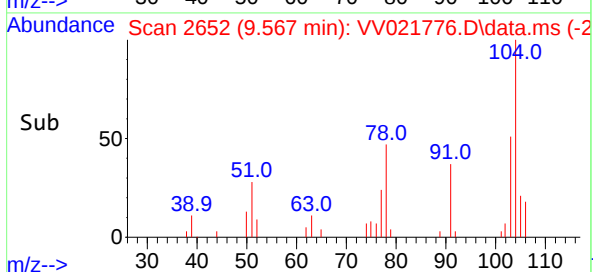
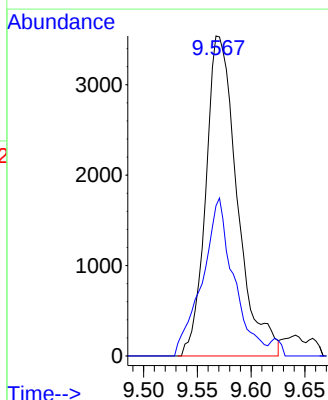
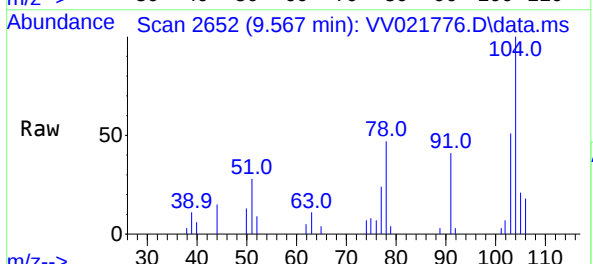
Manual Integrations
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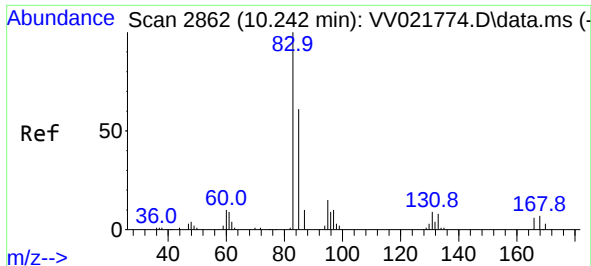
MMDadoda
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#55
Styrene
Concen: 0.197 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.006 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18

Tgt Ion:104 Resp: 7199
Ion Ratio Lower Upper
104 100
78 46.9 29.8 55.3





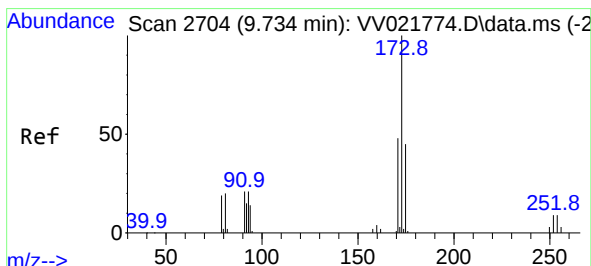
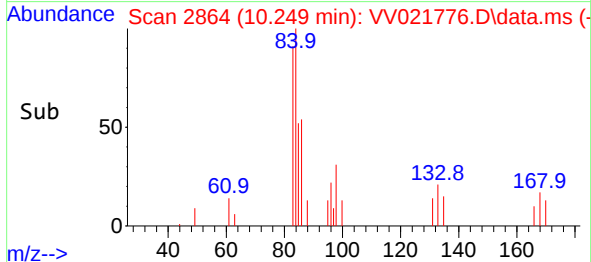
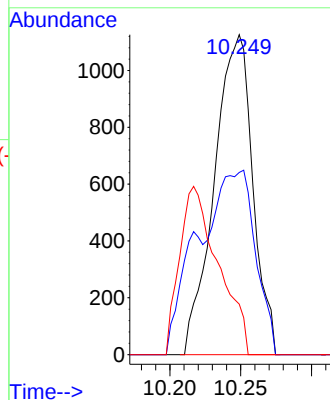
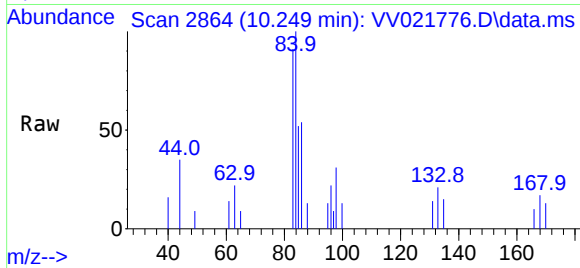
#57
1,1,2,2-Tetrachloroethane
Concen: 0.222 ug/L
RT: 10.249 min Scan# 2864
Delta R.T. 0.006 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18

Tgt Ion: 83 Resp: 2126
Ion Ratio Lower Upper
83 100
85 56.9 44.9 83.5
131 15.8 7.7 11.5#

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2021-08

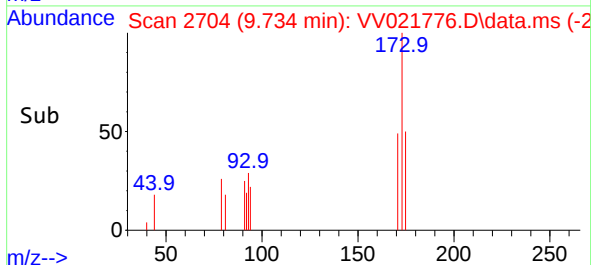
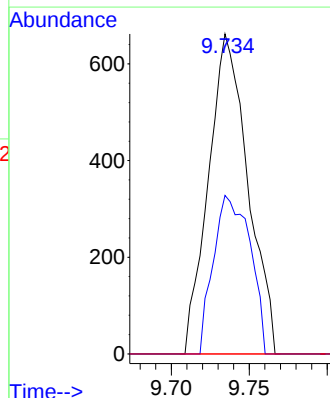
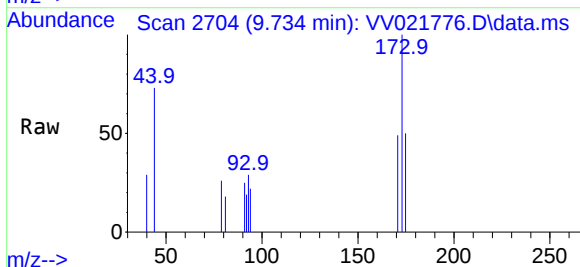
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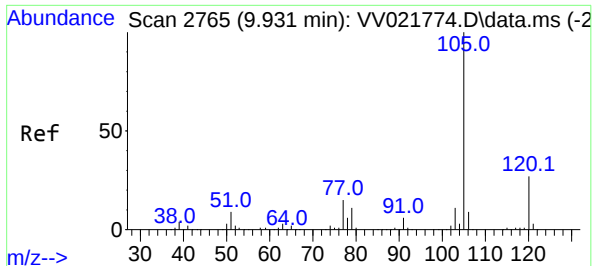
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#59
Bromoform
Concen: 0.200 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. -0.000 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18

Tgt Ion: 173 Resp: 1164
Ion Ratio Lower Upper
173 100
175 46.0 38.3 57.5
254 0.0 6.6 9.8#





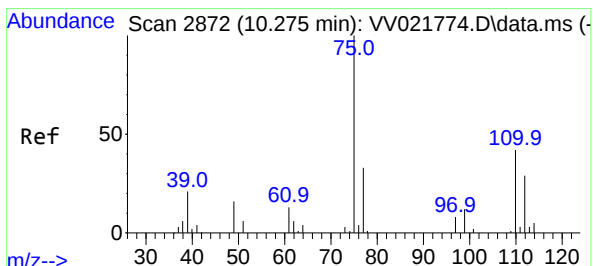
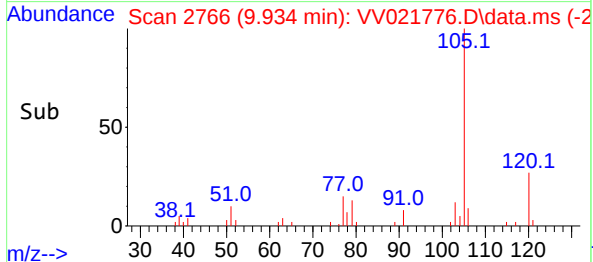
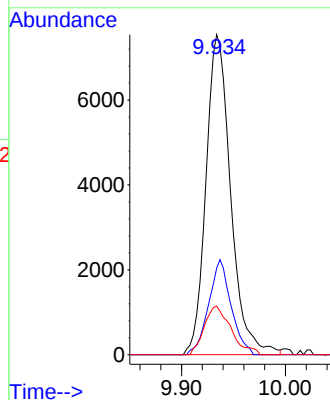
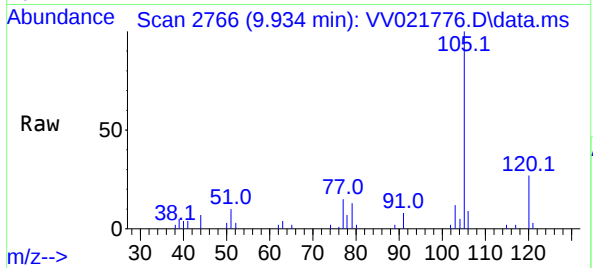
#60
Isopropylbenzene
Concen: 0.217 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18

Tgt Ion:	105	Resp:	12438
Ion	Ratio	Lower	Upper
105	100		
120	26.9	21.3	31.9
77	16.5	11.8	17.6

Instrument :
MSVOA_V
ClientSampleId :
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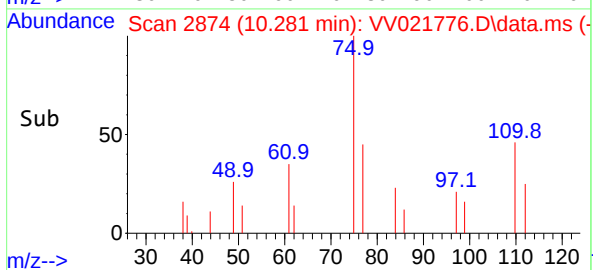
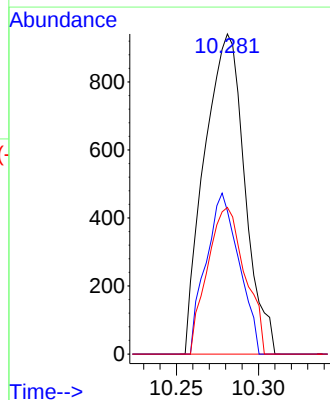
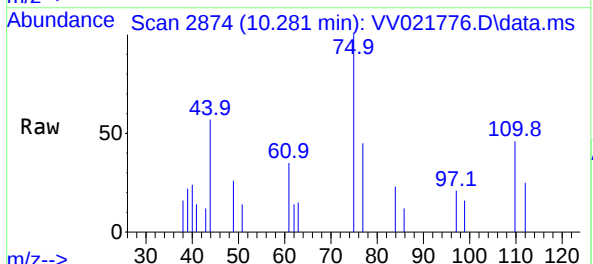
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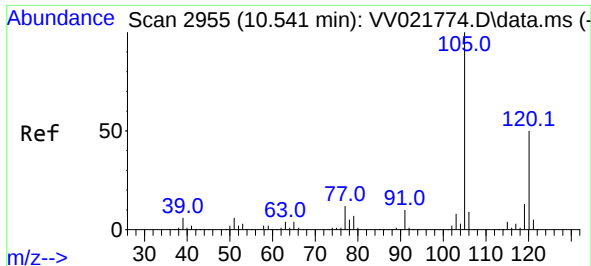
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#61
1,2,3-Trichloropropane
Concen: 0.214 ug/L
RT: 10.281 min Scan# 2874
Delta R.T. 0.006 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18

Tgt Ion:	75	Resp:	1605
Ion	Ratio	Lower	Upper
75	100		
77	41.2	26.5	39.7#
110	42.7	33.4	50.2





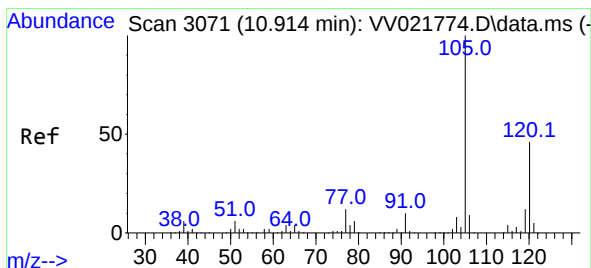
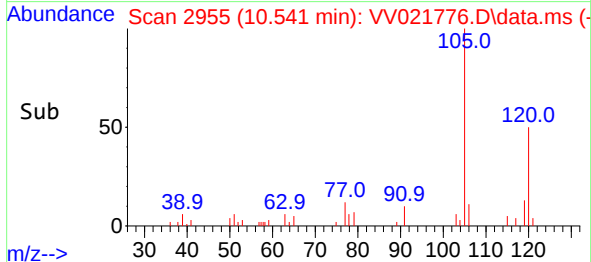
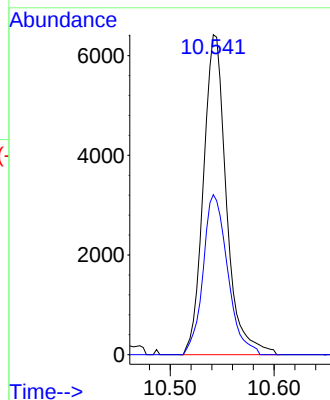
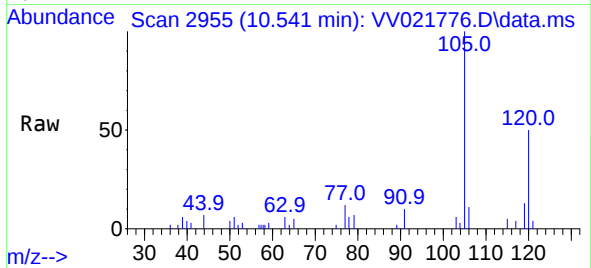
#62
1,3,5-Trimethylbenzene
Concen: 0.207 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18

Tgt Ion:105 Resp: 9871
Ion Ratio Lower Upper
105 100
120 53.4 40.5 60.7

Instrument :
MSVOA_V
ClientSampleId :
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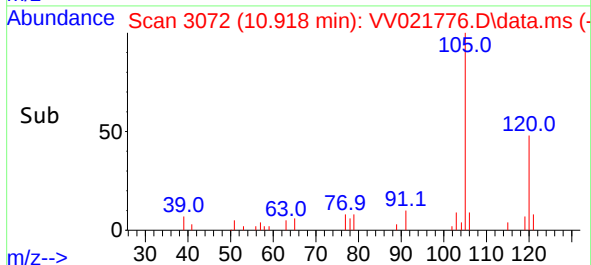
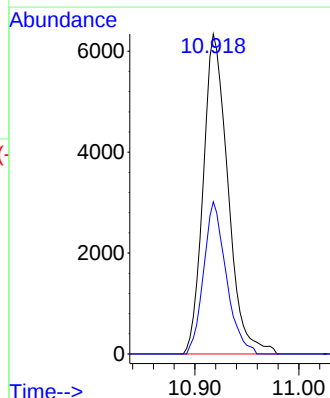
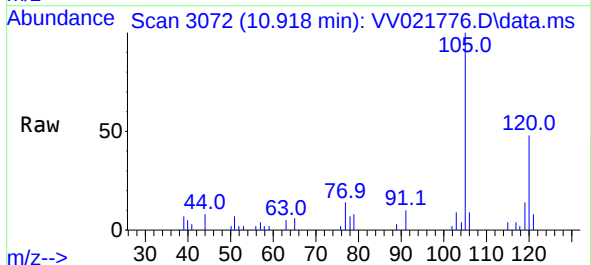
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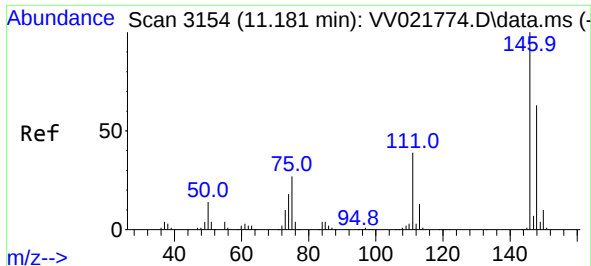
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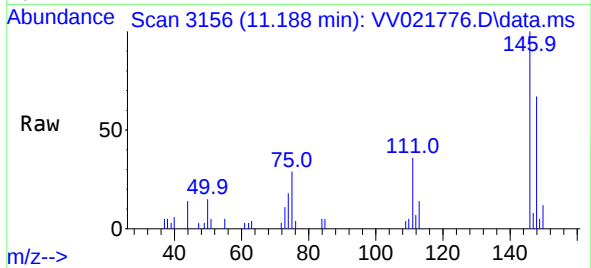
#63
1,2,4-Trimethylbenzene
Concen: 0.216 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18

Tgt Ion:105 Resp: 10470
Ion Ratio Lower Upper
105 100
120 43.6 37.5 56.3

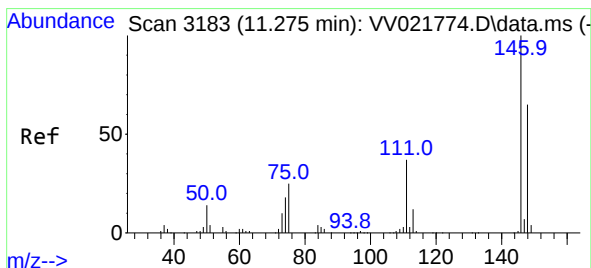
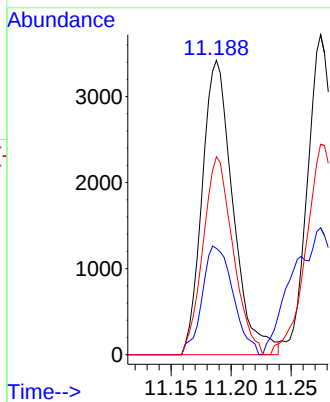
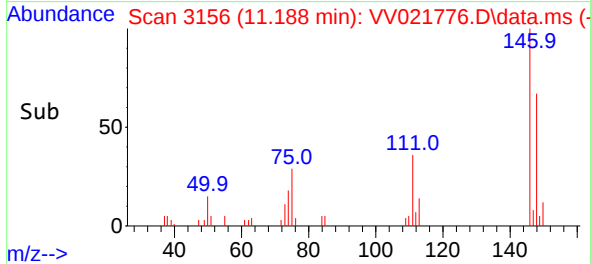




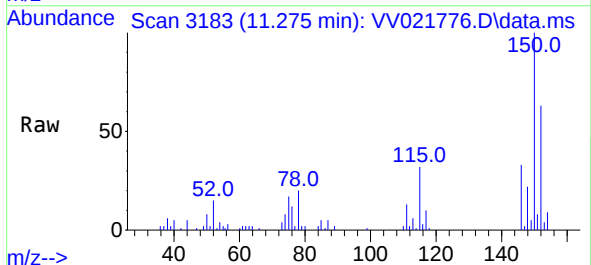
#64
1,3-Dichlorobenzene
Concen: 0.221 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.006 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18



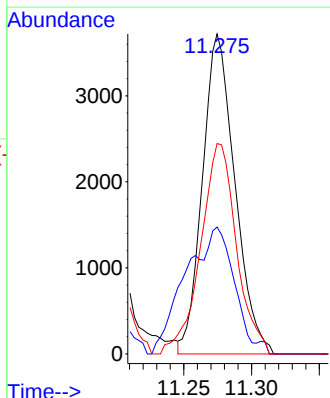
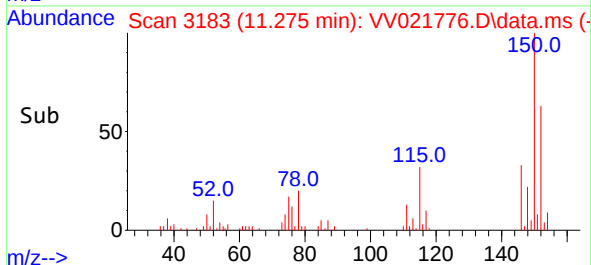
Tgt Ion:146 Resp: 6131
Ion Ratio Lower Upper
146 100
111 36.1 26.7 49.7
148 67.2 43.2 80.2



#65
1,4-Dichlorobenzene
Concen: 0.224 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18



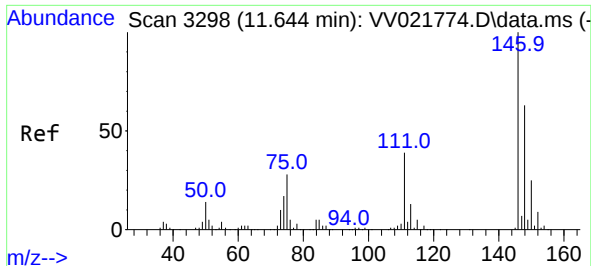
Tgt Ion:146 Resp: 6189
Ion Ratio Lower Upper
146 100
111 39.7 25.9 48.1
148 65.8 45.4 84.2



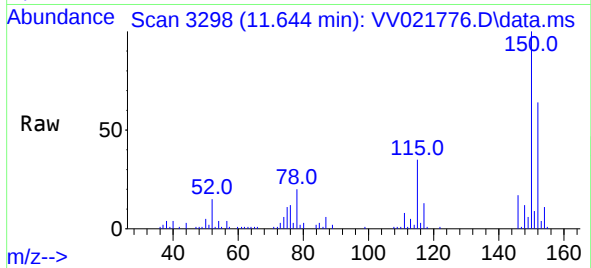
Instrument :
MSVOA_V
ClientSampleId :
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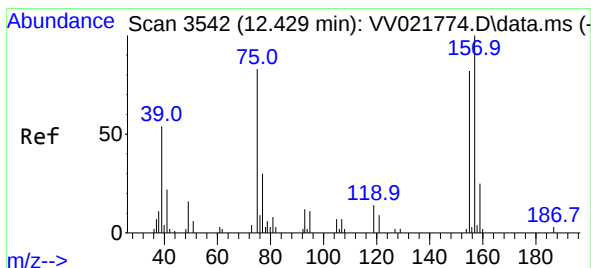
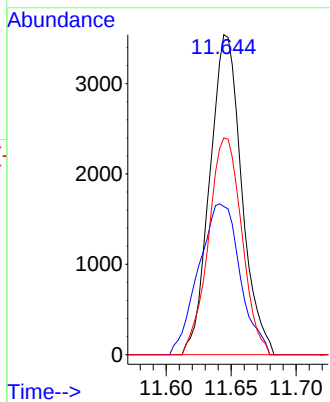
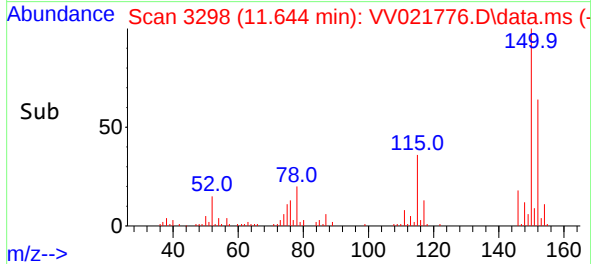
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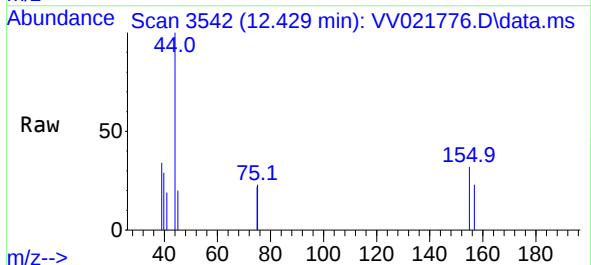
#67
1,2-Dichlorobenzene
Concen: 0.233 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18



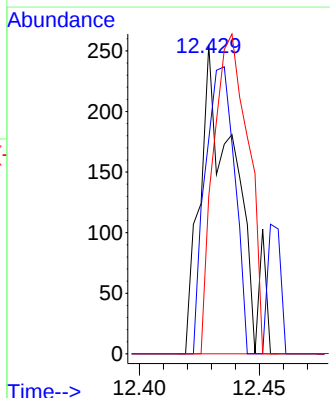
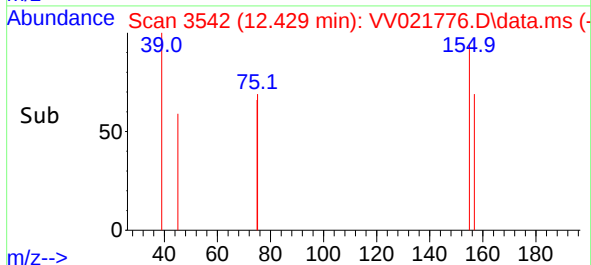
Tgt Ion:146 Resp: 6036
Ion Ratio Lower Upper
146 100
111 46.3 33.0 49.4
148 67.8 51.6 77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 0.184 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18



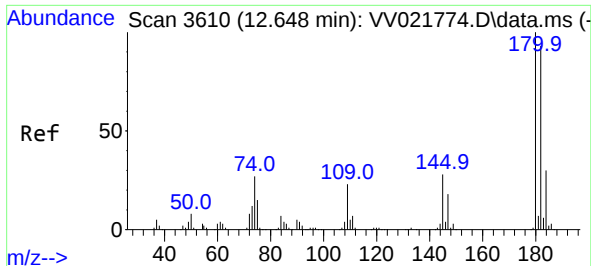
Tgt Ion: 75 Resp: 259
Ion Ratio Lower Upper
75 100
155 69.4 75.0 112.6#
157 51.0 101.8 152.8#



Instrument :
MSVOA_V
ClientSampleId :
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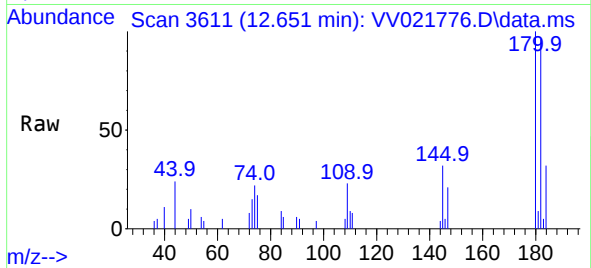
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#69
1,3,5-Trichlorobenzene
Concen: 0.190 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. 0.003 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18

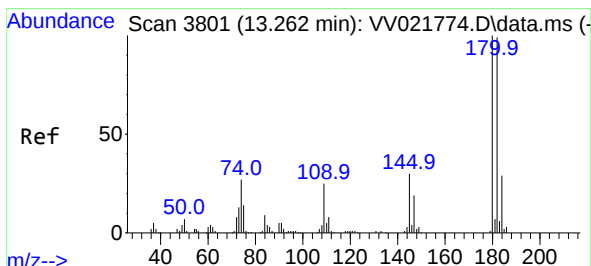
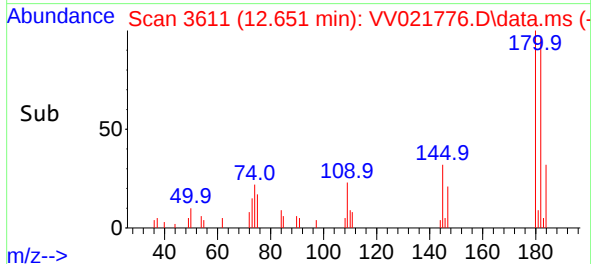
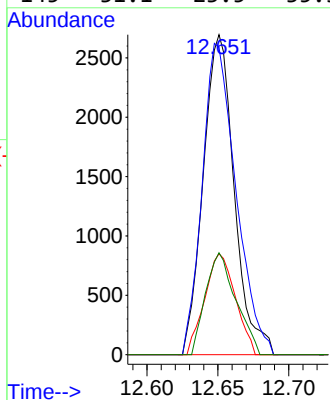
Instrument :
MSVOA_V
ClientSampleId :
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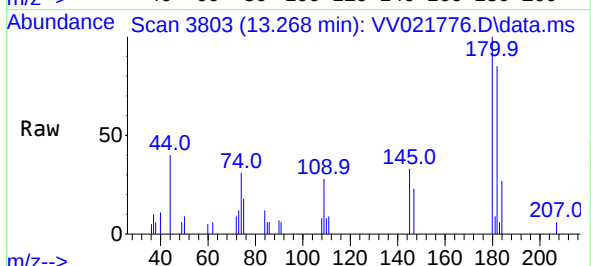
Tgt Ion:	180	Resp:	4097
Ion Ratio	Lower	Upper	
180	100		
182	105.8	75.5	113.3
184	31.2	24.0	36.0
145	31.1	23.5	35.3

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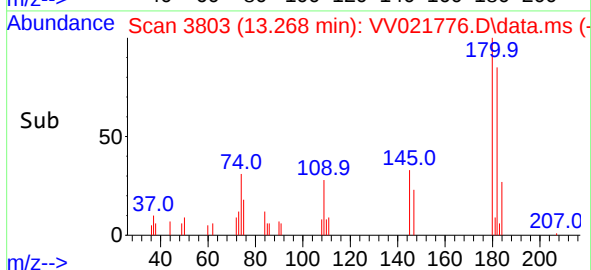
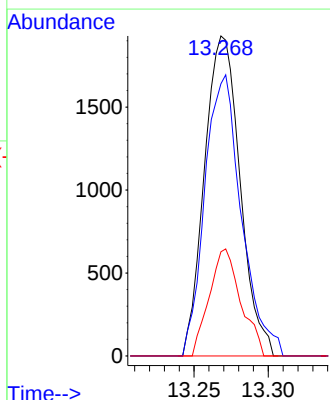
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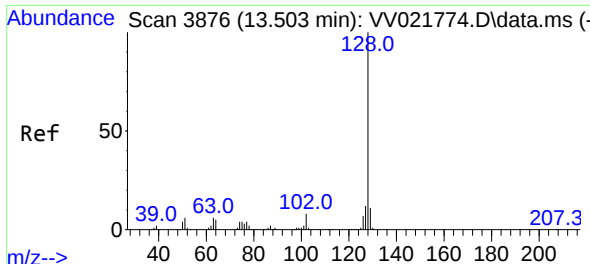


#70
1,2,4-trichlorobenzene
Concen: 0.189 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.006 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18



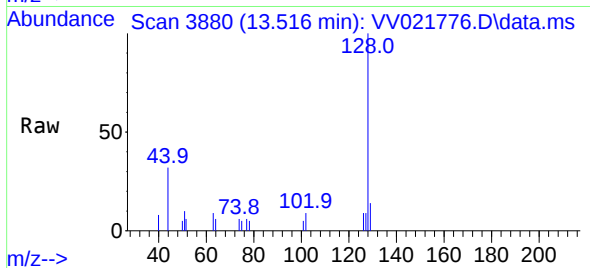
Tgt Ion:	180	Resp:	3221
Ion Ratio	Lower	Upper	
180	100		
182	90.2	74.9	112.3
145	29.6	23.8	35.8





#71
Naphthalene
Concen: 0.162 ug/L
RT: 13.516 min Scan# 3880
Delta R.T. 0.013 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18

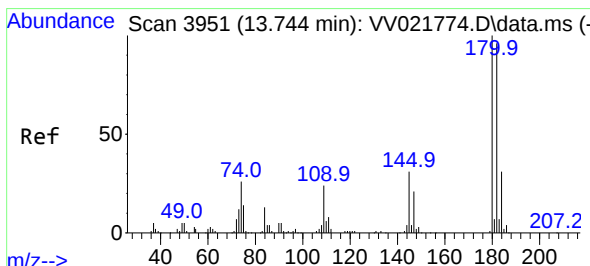
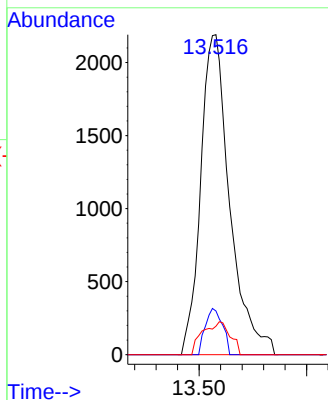
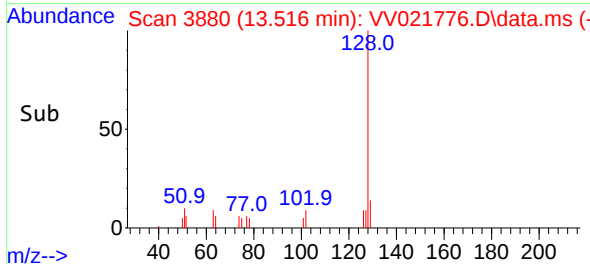
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2021-08



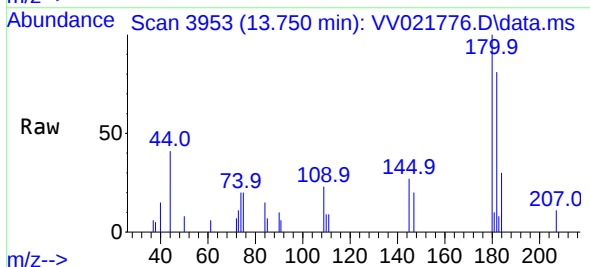
Tgt Ion:128 Resp: 4113
Ion Ratio Lower Upper
128 100
129 8.5 8.6 12.8#
127 9.7 9.9 14.9#

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#72
1,2,3-Trichlorobenzene
Concen: 0.199 ug/L
RT: 13.750 min Scan# 3953
Delta R.T. 0.006 min
Lab File: VV021776.D
Acq: 12 Aug 2021 11:18



Tgt Ion:180 Resp: 2985
Ion Ratio Lower Upper
180 100
182 93.9 77.0 115.4
145 31.2 25.6 38.4

