

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080321\
 Data File : VW021726.D
 Acq On : 03 Aug 2021 11:20
 Operator : SY/MD
 Sample : M3263-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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 8/4/2021 1:45:24 PM

Quant Time: Aug 04 01:12:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 04 01:10:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	428486	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	393893	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	193811	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	112056	41.642	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.280%
7) Chloroethane-d5	1.564	69	99433	44.803	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.105	63	169051	35.125	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.260%
21) 2-Butanone-d5	3.870	46	216388	93.614	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.610%
24) Chloroform-d	4.346	84	261087	45.776	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.560%
26) 1,2-Dichloroethane-d4	5.027	65	161140	47.242	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.480%
32) Benzene-d6	5.047	84	541651	48.517	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.040%
36) 1,2-Dichloropropane-d6	6.069	67	169802	47.986	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.980%
41) Toluene-d8	7.313	98	496234	48.042	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.080%
43) trans-1,3-Dichloroprop...	7.622	79	81516	46.687	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.380%
47) 2-Hexanone-d5	8.085	63	137162	88.896	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.900%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	207670	44.530	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.060%
66) 1,2-Dichlorobenzene-d4	11.625	152	193393	48.194	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	5432	1.916	ug/L	95
3) Chloromethane	1.240	50	5556	1.987	ug/L	96
5) Vinyl chloride	1.310	62	5948	2.088	ug/L #	75
6) Bromomethane	1.516	94	3460	2.209	ug/L	91
8) Chloroethane	1.581	64	3522	2.021	ug/L	92
9) Trichlorofluoromethane	1.751	101	8101	1.954	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	6134	2.623	ug/L #	80
12) 1,1-Dichloroethene	2.114	96	5318	2.480	ug/L #	1
13) Acetone	2.166	43	6548	4.318	ug/L	94
14) Carbon disulfide	2.291	76	11303	1.967	ug/L	99
15) Methyl Acetate	2.436	43	6172	1.950	ug/L	99
16) Methylene chloride	2.503	84	6722	2.303	ug/L	94
17) trans-1,2-Dichloroethene	2.761	96	5073	2.005	ug/L	96
18) Methyl tert-butyl Ether	2.770	73	16218	1.819	ug/L	94
19) 1,1-Dichloroethane	3.185	63	9033	1.831	ug/L	97
20) cis-1,2-Dichloroethene	3.915	96	5778m	1.929	ug/L	
22) 2-Butanone	3.989	43	9856m	4.467	ug/L	
23) Bromochloromethane	4.259	128	3030	1.883	ug/L	87
25) Chloroform	4.371	83	12669	2.447	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	6894	1.884	ug/L	98
29) Cyclohexane	4.677	56	7622	1.934	ug/L #	86
30) 1,1,1-Trichloroethane	4.609	97	8444	1.899	ug/L	98
31) Carbon tetrachloride	4.828	117	6856	1.792	ug/L	96
33) Benzene	5.105	78	20791	1.963	ug/L	100
34) Trichloroethene	5.918	95	6329	2.109	ug/L	94
35) Methylcyclohexane	6.130	83	7928	1.938	ug/L	98
37) 1,2-Dichloropropane	6.178	63	6030	2.136	ug/L	99
38) Bromodichloromethane	6.516	83	7319	1.899	ug/L	98
39) cis-1,3-Dichloropropene	7.037	75	8684	1.942	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	14495	3.525	ug/L	99
42) Toluene	7.394	91	29571	2.589	ug/L	100
44) trans-1,3-Dichloropropene	7.661	75	8614m	2.009	ug/L	
45) 1,1,2-Trichloroethane	7.844	97	5510	1.917	ug/L	94
46) Tetrachloroethene	7.979	164	4197	1.892	ug/L	97
48) 2-Hexanone	8.143	43	26211	8.317	ug/L #	91
49) Dibromochloromethane	8.249	129	5489	1.677	ug/L	94
50) 1,2-Dibromoethane	8.358	107	5515	1.806	ug/L #	95
51) Chlorobenzene	8.886	112	14626	1.917	ug/L	99
52) Ethylbenzene	9.018	91	22624	1.824	ug/L	99
53) m,p-Xylene	9.143	106	8867	1.842	ug/L	89
54) o-Xylene	9.548	106	9423	1.946	ug/L	85
55) Styrene	9.567	104	14207	1.751	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	8691	2.026	ug/L #	97
59) Bromoform	9.738	173	3449	1.539	ug/L #	90
60) Isopropylbenzene	9.934	105	22847	1.908	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	6985	2.028	ug/L	96
62) 1,3,5-Trimethylbenzene	10.542	105	19261	1.900	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	19742	1.914	ug/L	98
64) 1,3-Dichlorobenzene	11.188	146	11048	1.915	ug/L	95
65) 1,4-Dichlorobenzene	11.275	146	11915	2.052	ug/L	95
67) 1,2-Dichlorobenzene	11.644	146	11877	2.015	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.435	75	1373	1.514	ug/L	89
69) 1,3,5-Trichlorobenzene	12.651	180	7645	1.781	ug/L	95
70) 1,2,4-trichlorobenzene	13.268	180	5774	1.595	ug/L	97
71) Naphthalene	13.509	128	12755	1.217	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	5558	1.545	ug/L	93

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

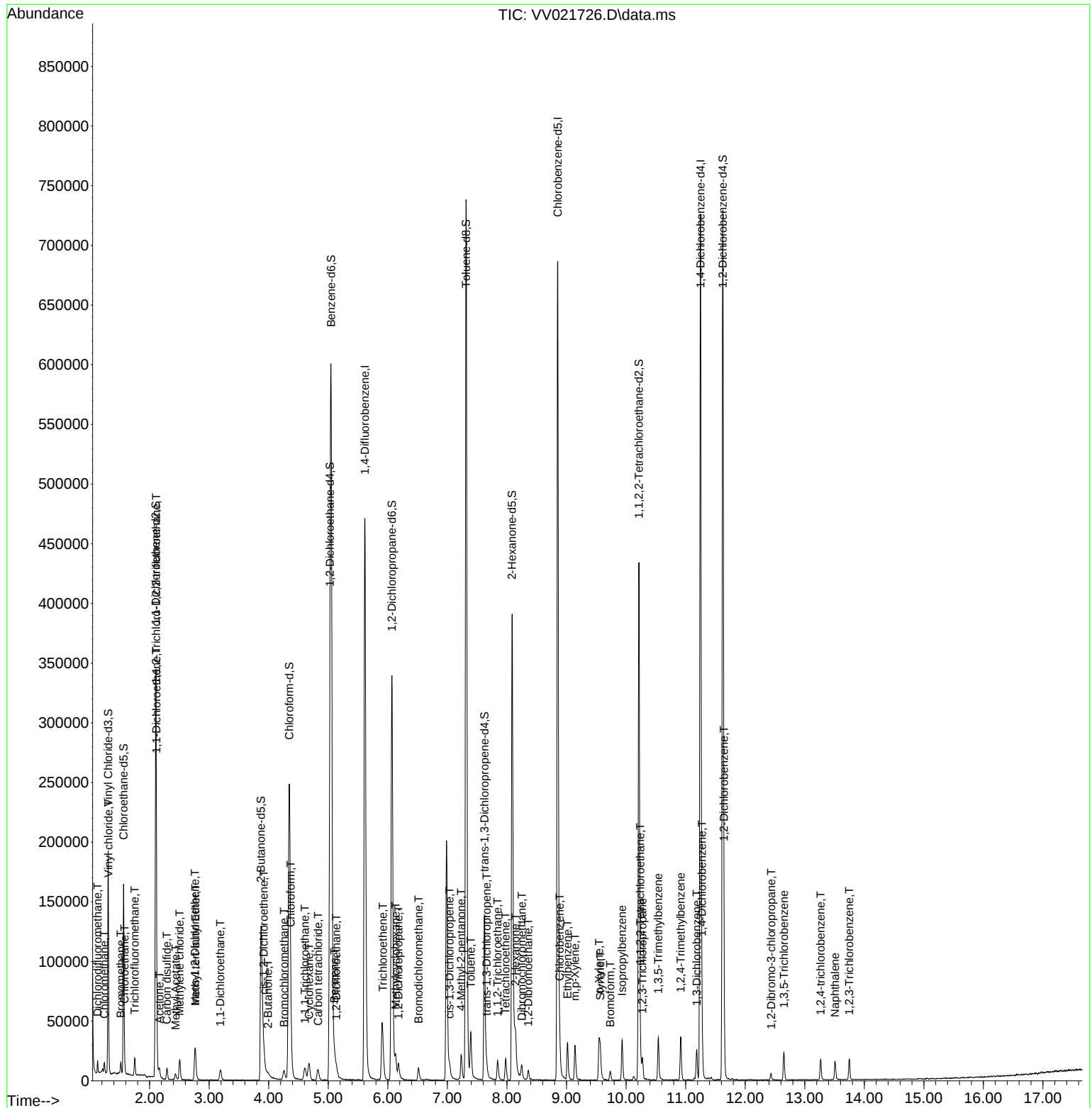
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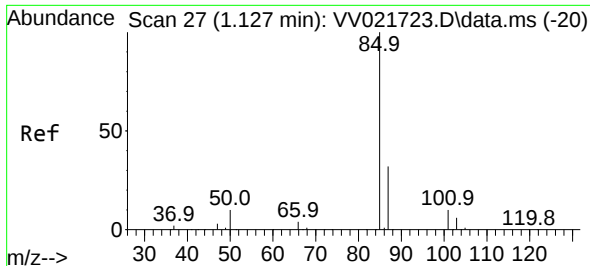
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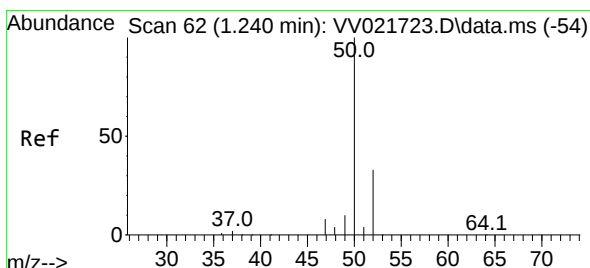
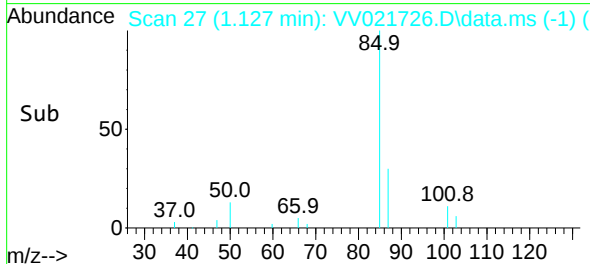
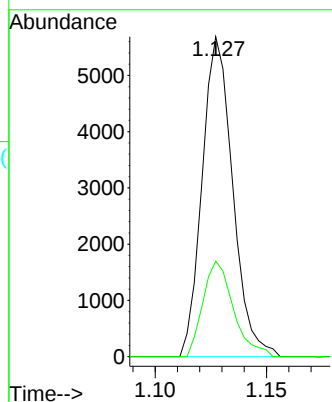
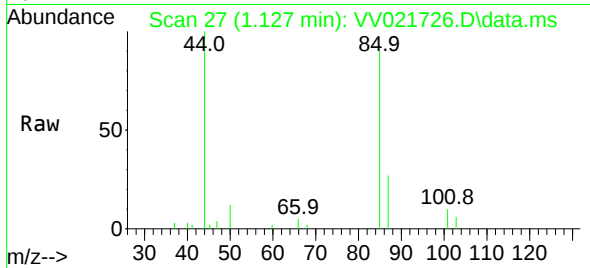
#2
 Dichlorodifluoromethane
 Concen: 1.916 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV021726.D
 Acq: 03 Aug 2021 11:20

Tgt Ion: 85 Resp: 5432
 Ion Ratio Lower Upper
 85 100
 87 29.7 26.2 39.4

Instrument :
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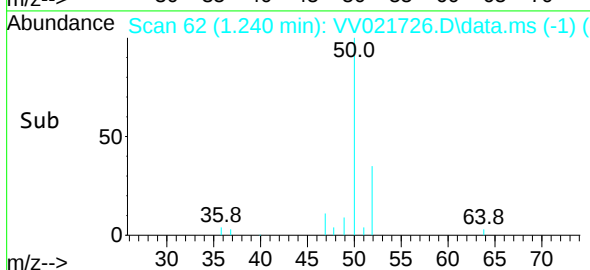
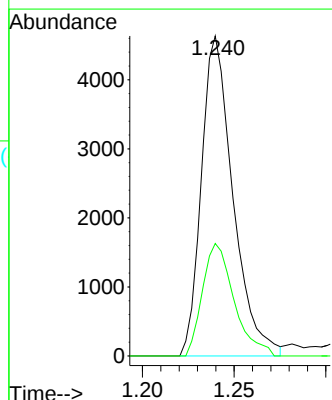
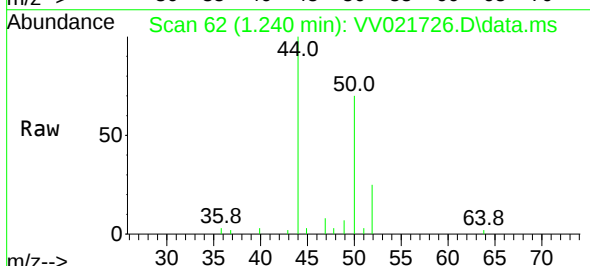
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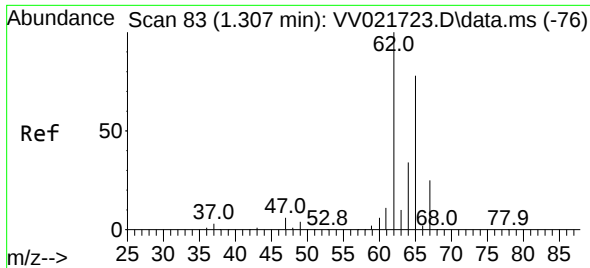
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#3
 Chloromethane
 Concen: 1.987 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV021726.D
 Acq: 03 Aug 2021 11:20

Tgt Ion: 50 Resp: 5556
 Ion Ratio Lower Upper
 50 100
 52 35.1 23.1 42.9





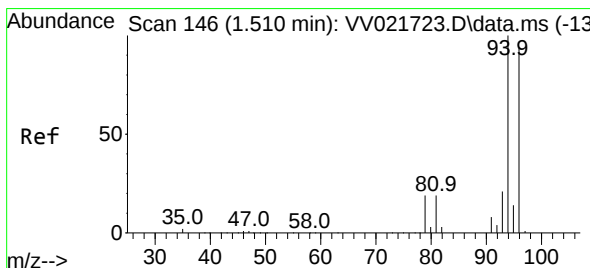
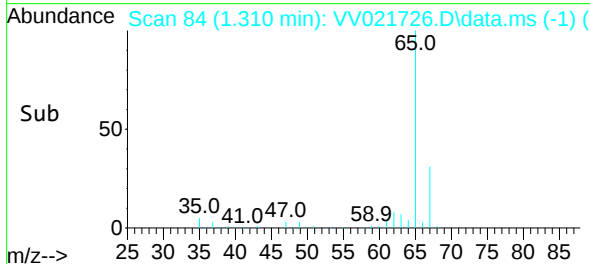
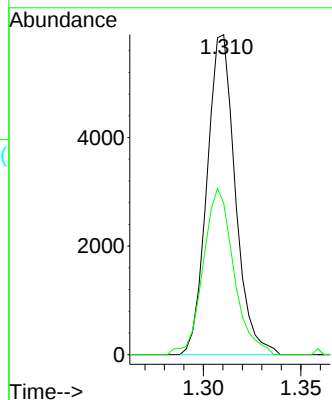
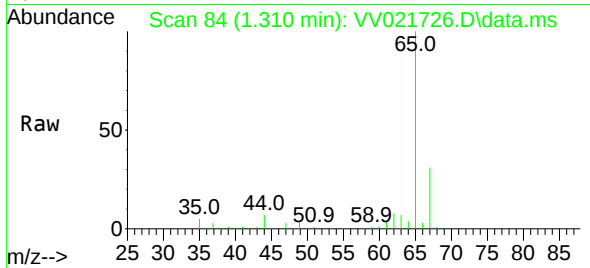
#5
 Vinyl chloride
 Concen: 2.088 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV021726.D
 Acq: 03 Aug 2021 11:20

Tgt Ion: 62 Resp: 5948
 Ion Ratio Lower Upper
 62 100
 64 47.3 23.2 43.2#

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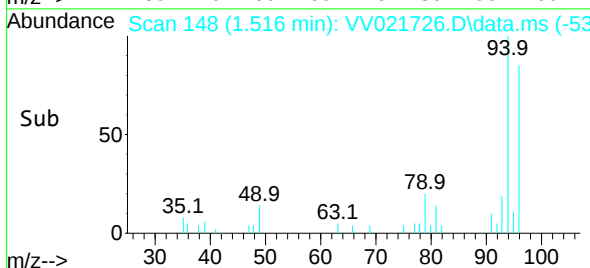
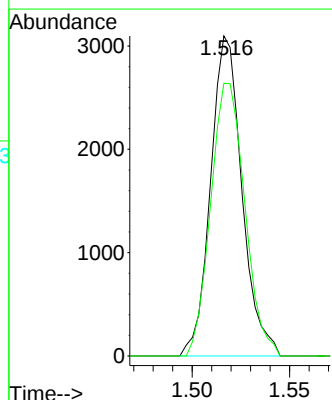
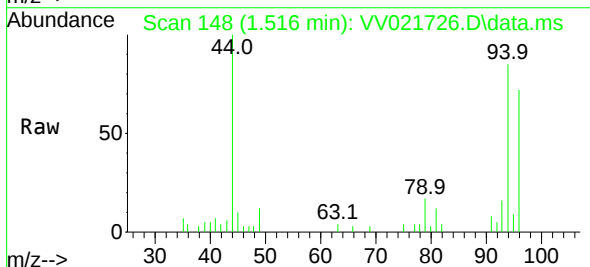
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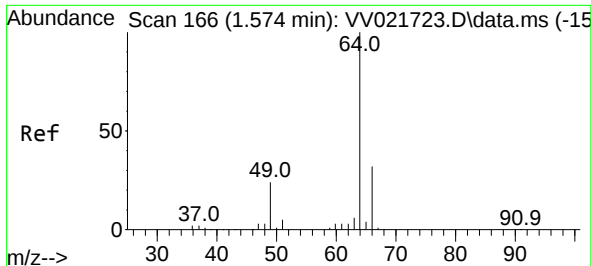
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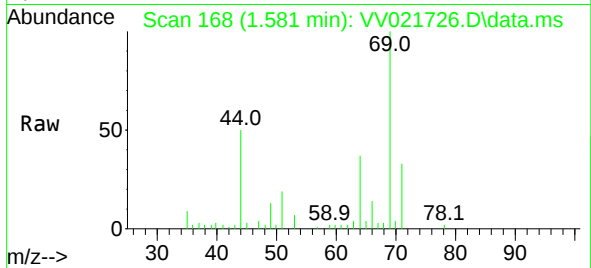
#6
 Bromomethane
 Concen: 2.209 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VV021726.D
 Acq: 03 Aug 2021 11:20

Tgt Ion: 94 Resp: 3460
 Ion Ratio Lower Upper
 94 100
 96 85.2 65.4 121.4

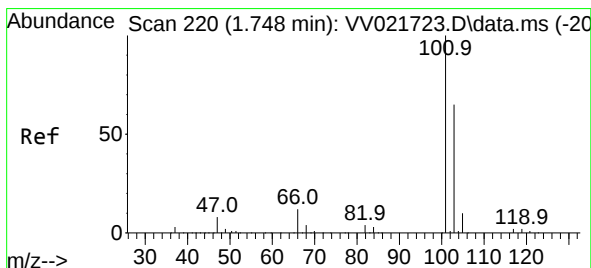
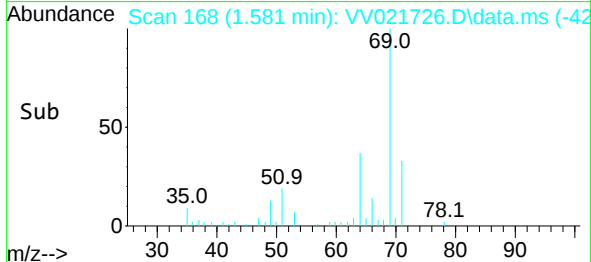
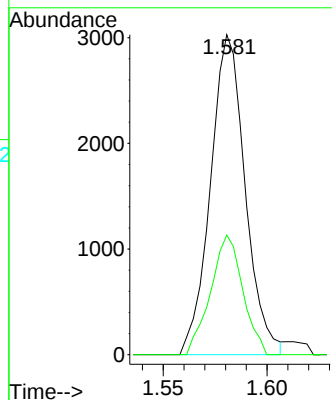




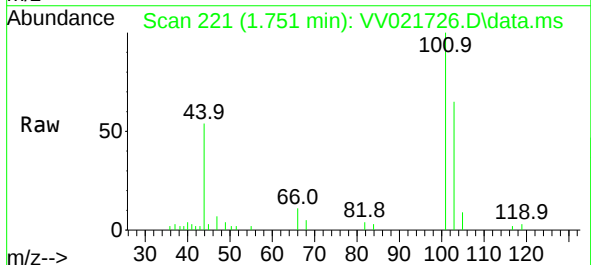
#8
Chloroethane
Concen: 2.021 ug/L
RT: 1.581 min Scan# 168
Delta R.T. 0.006 min
Lab File: VV021726.D
Acq: 03 Aug 2021 11:20



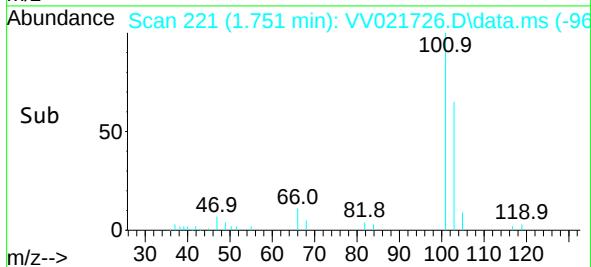
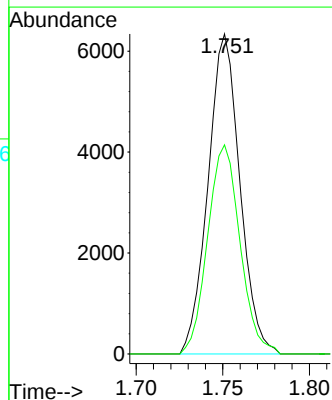
Tgt Ion: 64 Resp: 3522
Ion Ratio Lower Upper
64 100
66 37.4 22.9 42.5



#9
Trichlorofluoromethane
Concen: 1.954 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV021726.D
Acq: 03 Aug 2021 11:20



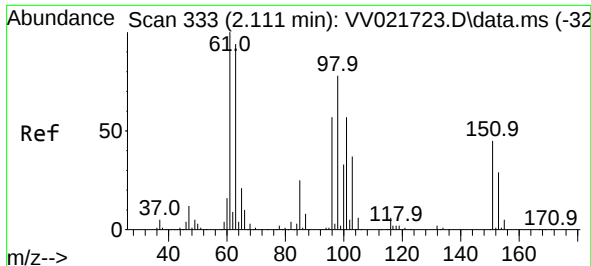
Tgt Ion: 101 Resp: 8101
Ion Ratio Lower Upper
101 100
103 66.4 51.5 77.3



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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.623 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

Lab File: VV021726.D

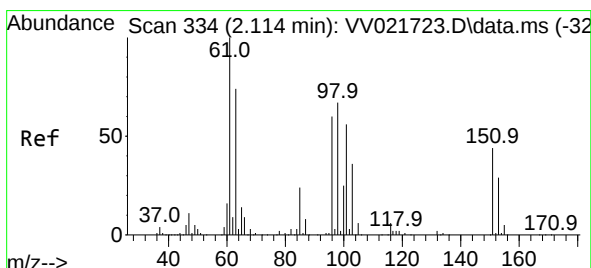
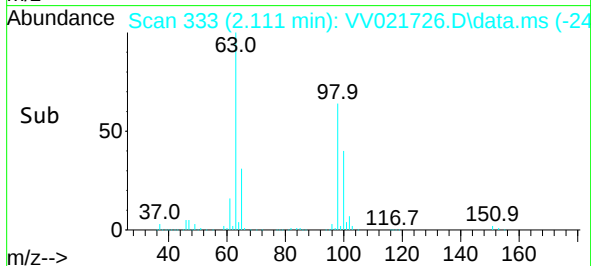
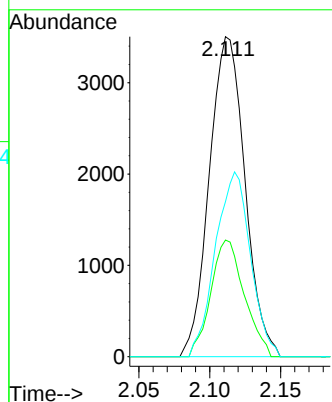
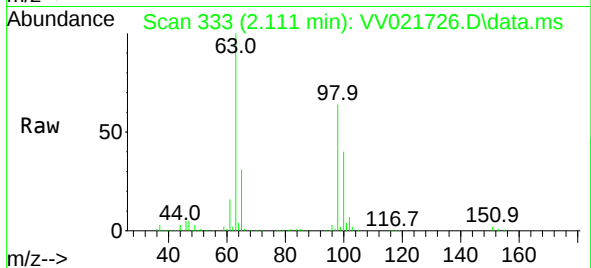
Acq: 03 Aug 2021 11:20

Tgt Ion:	101	Resp:	6134
Ion	Ratio	Lower	Upper
101	100		
85	34.3	33.7	50.5
151	56.8	62.7	94.1#

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#12

1,1-Dichloroethene

Concen: 2.480 ug/L

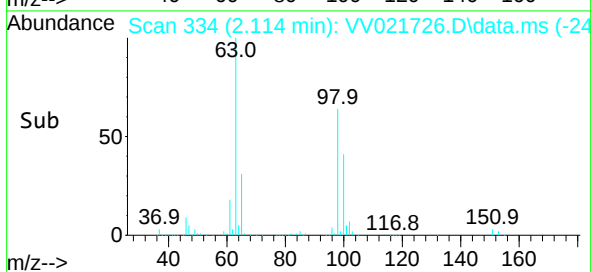
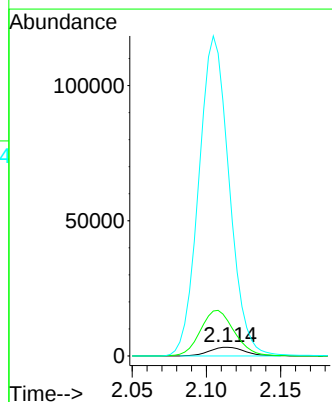
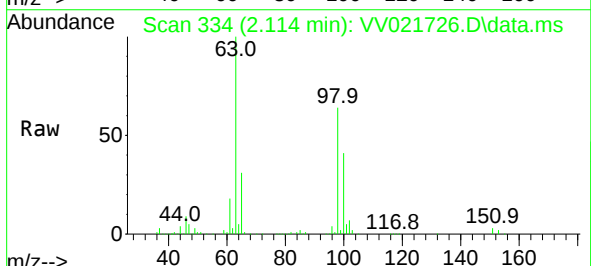
RT: 2.114 min Scan# 334

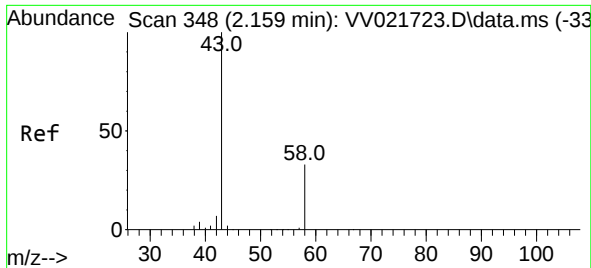
Delta R.T. -0.000 min

Lab File: VV021726.D

Acq: 03 Aug 2021 11:20

Tgt Ion:	96	Resp:	5318
Ion	Ratio	Lower	Upper
96	100		
61	404.3	118.2	219.4#
63	2228.4	110.9	205.9#





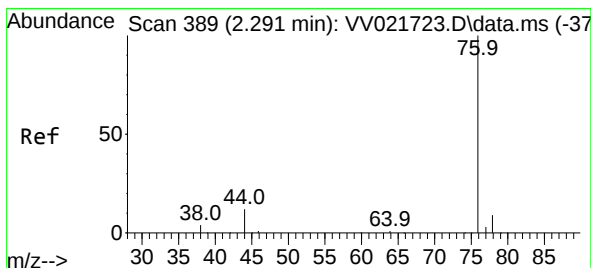
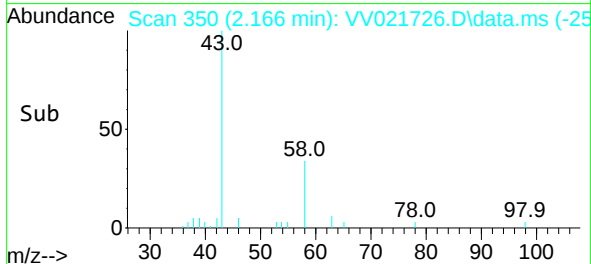
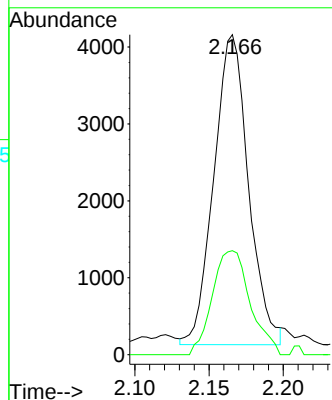
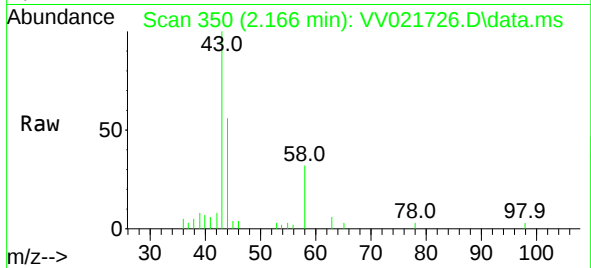
#13
Acetone
Concen: 4.318 ug/L
RT: 2.166 min Scan# 350
Delta R.T. 0.006 min
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Tgt Ion: 43 Resp: 6548
Ion Ratio Lower Upper
43 100
58 36.5 0.0 66.2

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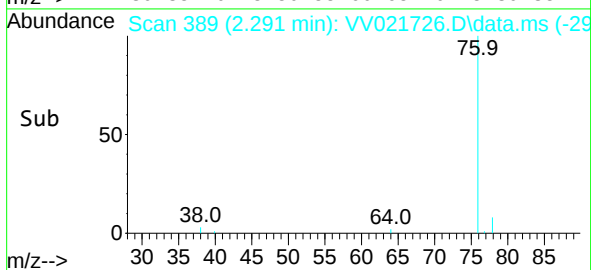
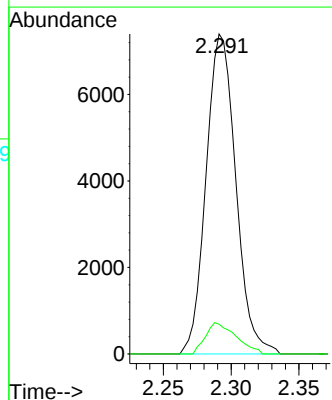
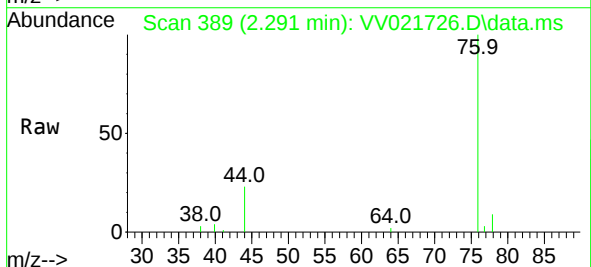
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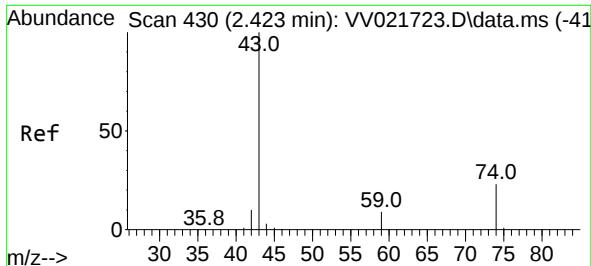
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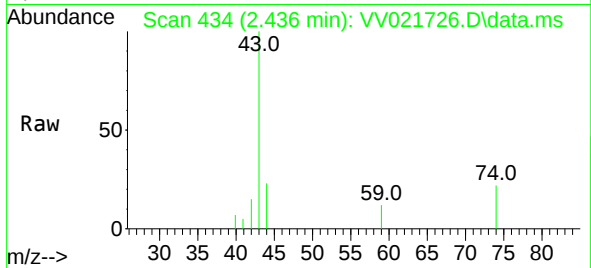
#14
Carbon disulfide
Concen: 1.967 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV021726.D
Acq: 03 Aug 2021 11:20

Tgt Ion: 76 Resp: 11303
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4

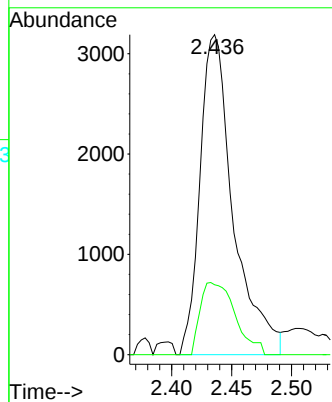
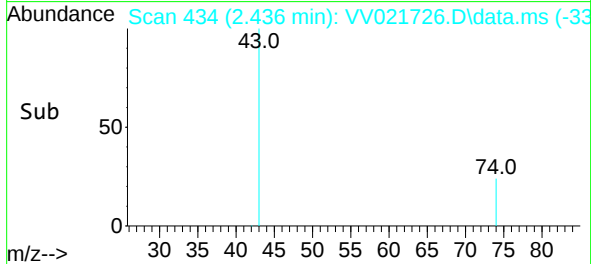




#15
Methyl Acetate
Concen: 1.950 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.013 min
Lab File: VV021726.D
Acq: 03 Aug 2021 11:20



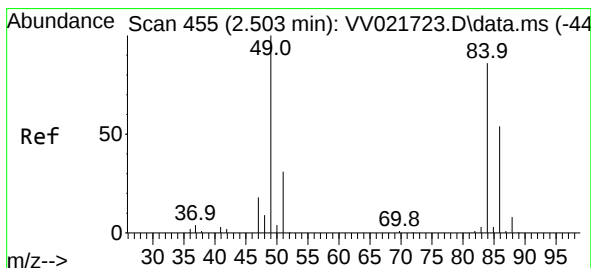
Tgt Ion: 43 Resp: 6172
Ion Ratio Lower Upper
43 100
74 23.2 19.0 28.4



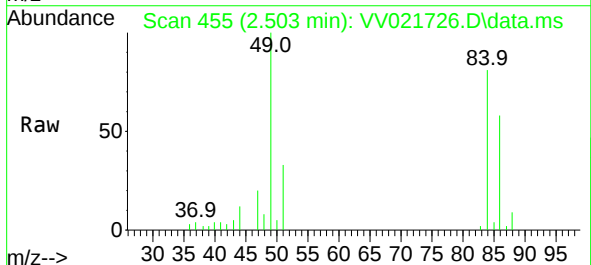
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2021-08

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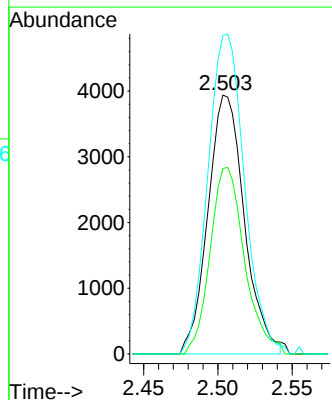
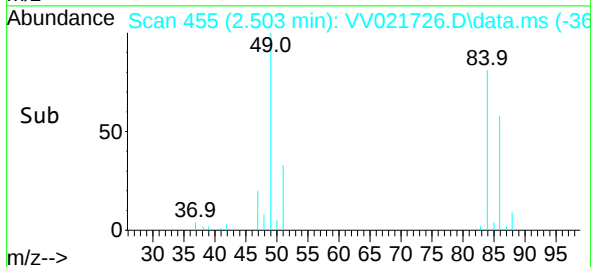
MMDadoda
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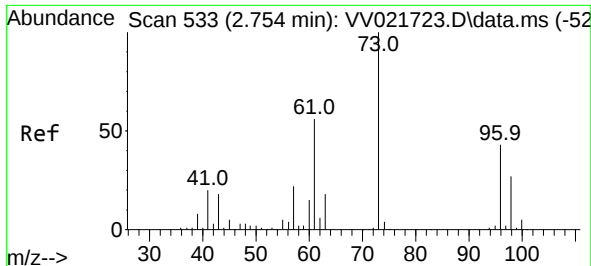


#16
Methylene chloride
Concen: 2.303 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV021726.D
Acq: 03 Aug 2021 11:20



Tgt Ion: 84 Resp: 6722
Ion Ratio Lower Upper
84 100
86 71.7 44.2 82.2
49 123.0 83.4 155.0





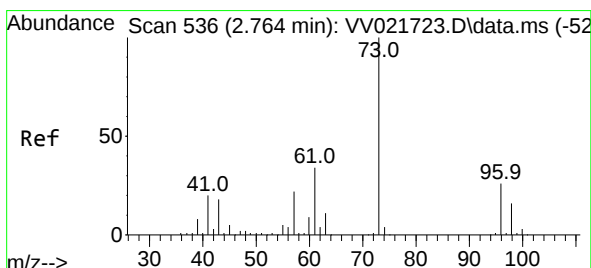
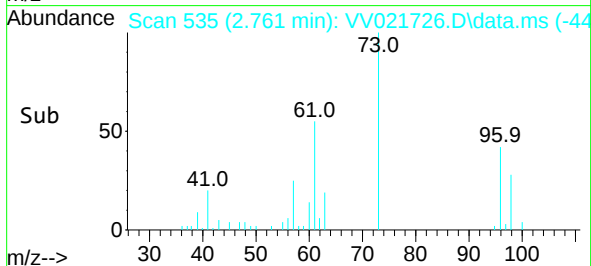
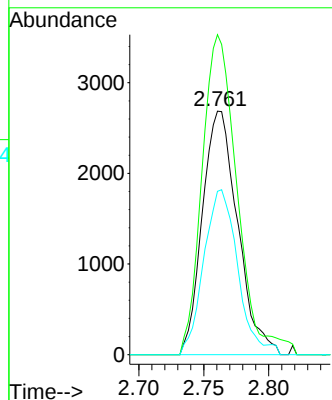
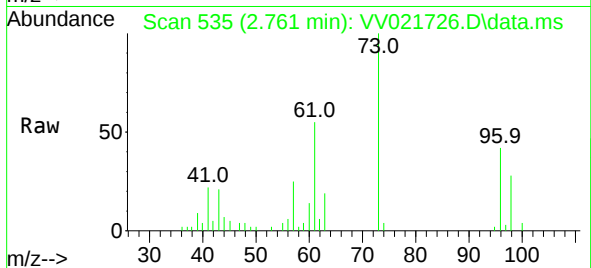
#17
trans-1,2-Dichloroethene
Concen: 2.005 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.006 min
Lab File: VV021726.D
Acq: 03 Aug 2021 11:20

Tgt Ion: 96 Resp: 5073
Ion Ratio Lower Upper
96 100
61 131.4 95.1 176.7
98 67.1 43.8 81.3

Instrument :
MSVOA_V
ClientSampleId :
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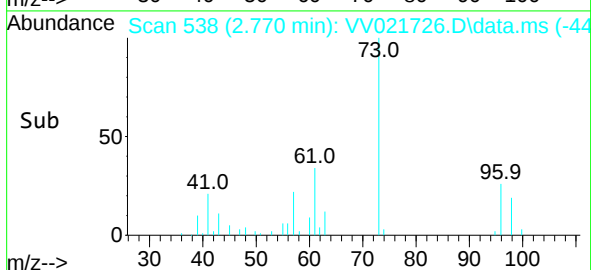
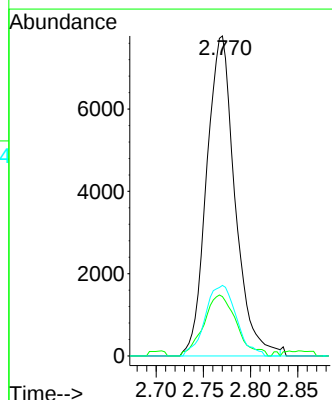
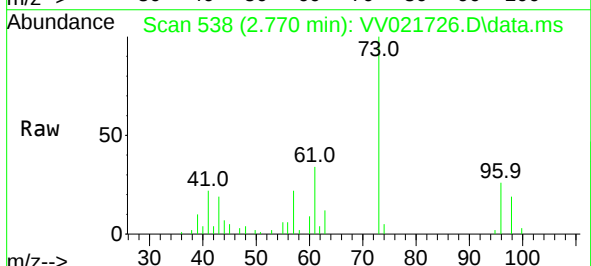
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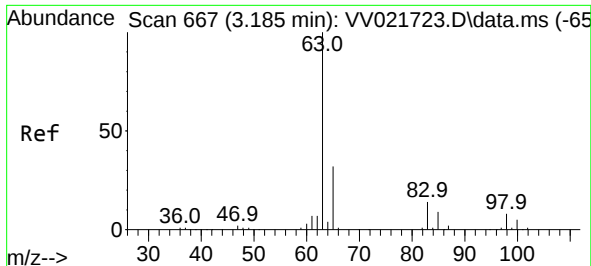
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#18
Methyl tert-butyl Ether
Concen: 1.819 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.006 min
Lab File: VV021726.D
Acq: 03 Aug 2021 11:20

Tgt Ion: 73 Resp: 16218
Ion Ratio Lower Upper
73 100
43 21.4 14.3 21.5
57 24.2 17.7 26.5





#19

1,1-Dichloroethane

Concen: 1.831 ug/L

RT: 3.185 min Scan# 667

Delta R.T. -0.000 min

Lab File: VV021726.D

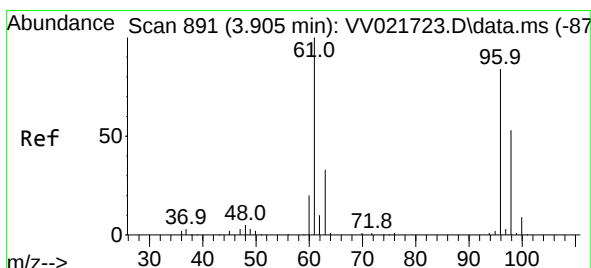
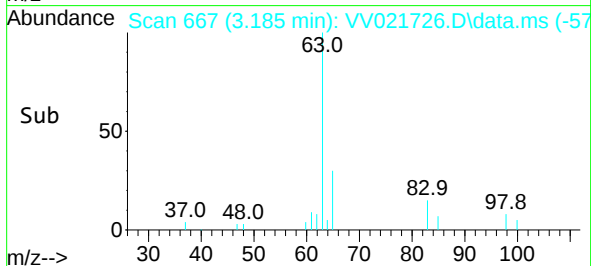
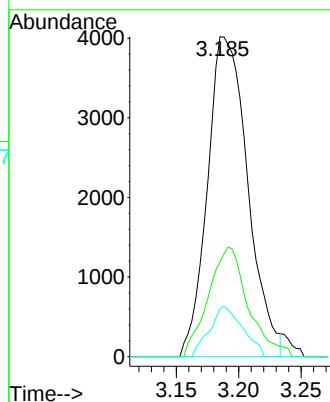
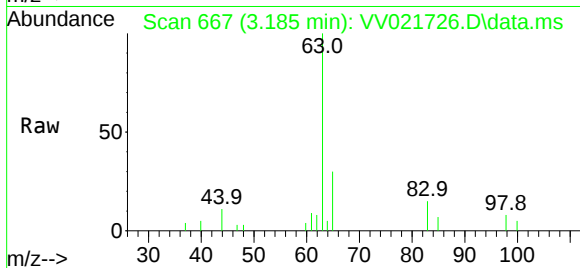
Acq: 03 Aug 2021 11:20

Tgt Ion:	63	Resp:	9033
Ion	Ratio	Lower	Upper
63	100		
65	29.7	22.0	41.0
83	15.0	9.7	18.1

Instrument :
MSVOA_V
ClientSampleId :
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#20

cis-1,2-Dichloroethene

Concen: 1.929 ug/L m

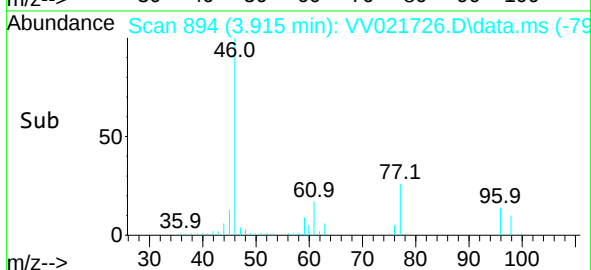
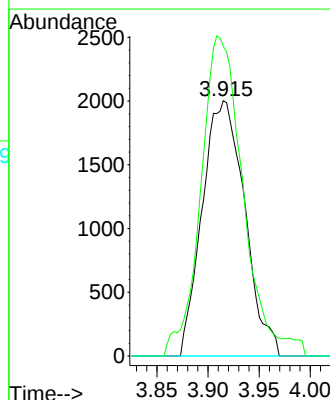
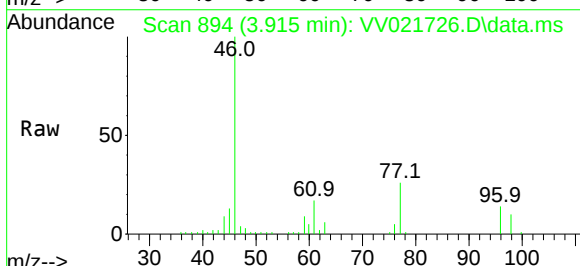
RT: 3.915 min Scan# 894

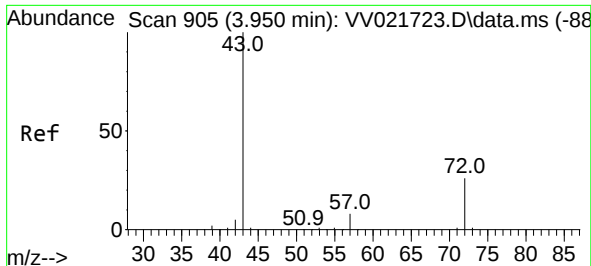
Delta R.T. 0.010 min

Lab File: VV021726.D

Acq: 03 Aug 2021 11:20

Tgt Ion:	96	Resp:	5778
Ion	Ratio	Lower	Upper
96	100		
61	121.4	84.1	156.3
68	0.0	0.0	0.0





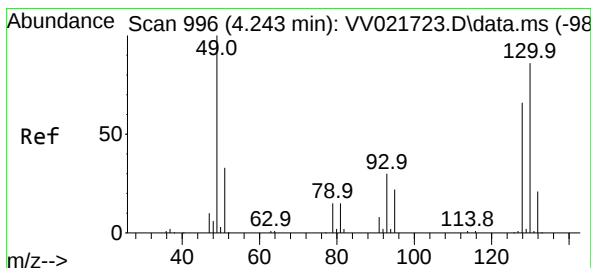
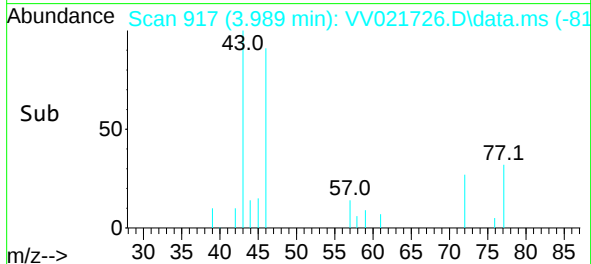
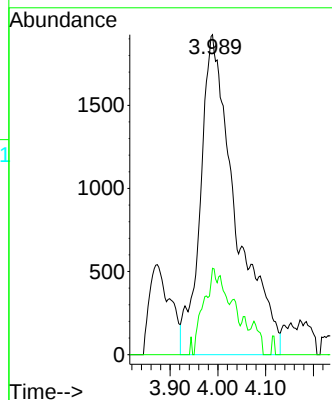
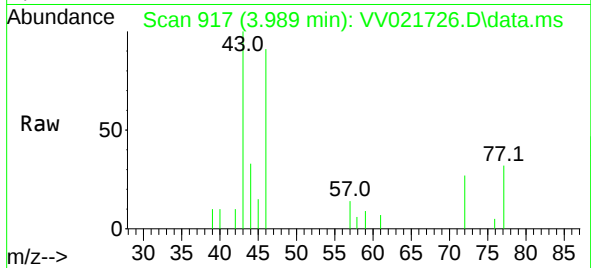
#22
2-Butanone
Concen: 4.467 ug/L m
RT: 3.989 min Scan# 917
Delta R.T. 0.039 min
Lab File: VV021726.D
Acq: 03 Aug 2021 11:20

Tgt Ion: 43 Resp: 9856
Ion Ratio Lower Upper
43 100
72 4.7 13.8 41.4#

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

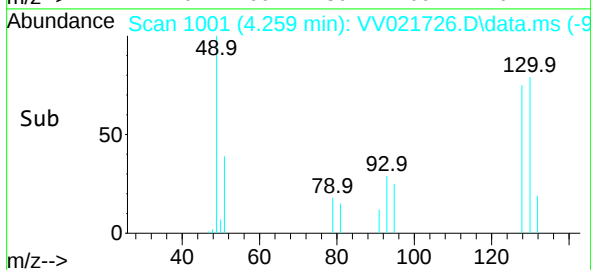
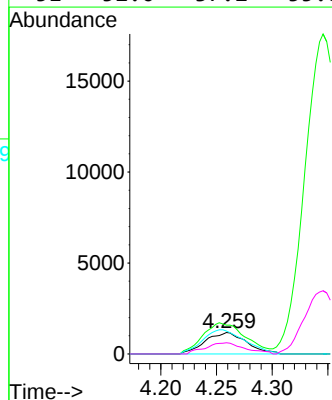
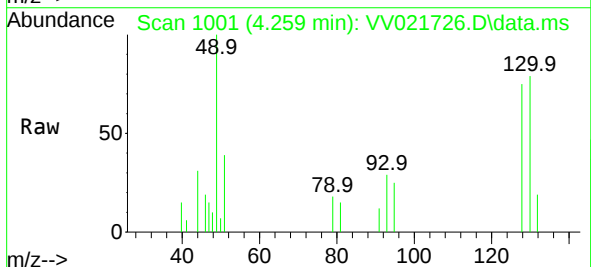
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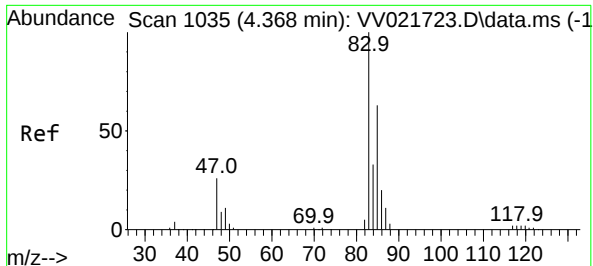
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#23
Bromochloromethane
Concen: 1.883 ug/L
RT: 4.259 min Scan# 1001
Delta R.T. 0.016 min
Lab File: VV021726.D
Acq: 03 Aug 2021 11:20

Tgt Ion: 128 Resp: 3030
Ion Ratio Lower Upper
128 100
49 134.1 103.6 192.4
130 106.5 88.8 165.0
51 52.0 37.2 55.8





#25

Chloroform

Concen: 2.447 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV021726.D

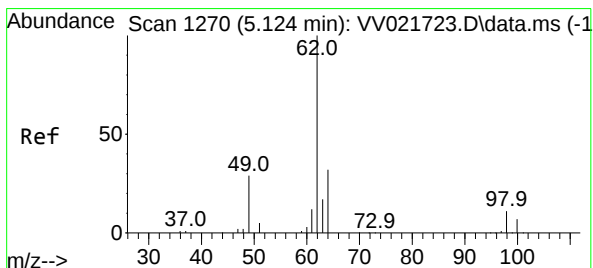
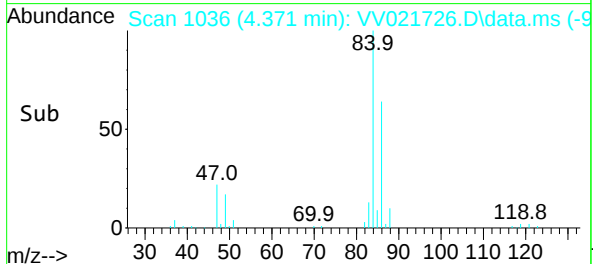
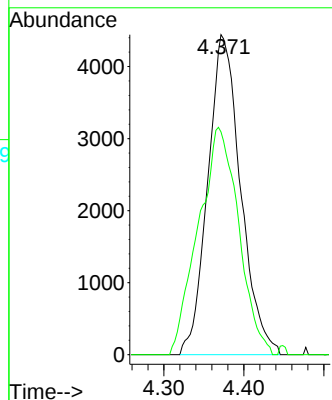
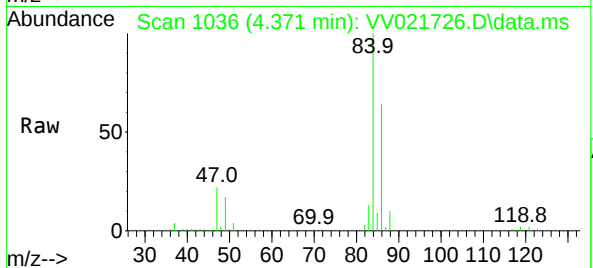
Acq: 03 Aug 2021 11:20

Tgt Ion: 83 Resp: 12669

Ion Ratio Lower Upper

83 100

85 69.6 45.0 83.6



#27

1,2-Dichloroethane

Concen: 1.884 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.013 min

Lab File: VV021726.D

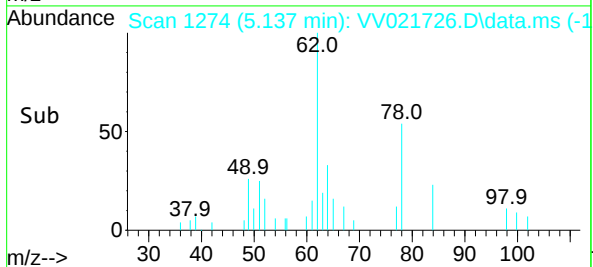
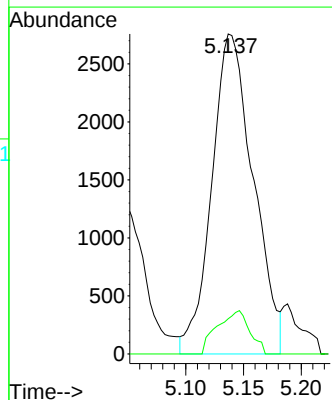
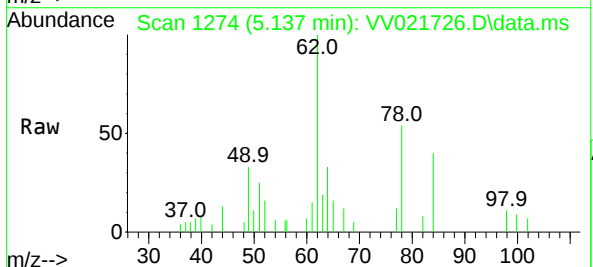
Acq: 03 Aug 2021 11:20

Tgt Ion: 62 Resp: 6894

Ion Ratio Lower Upper

62 100

98 11.0 8.3 12.5



Instrument :

MSVOA_V

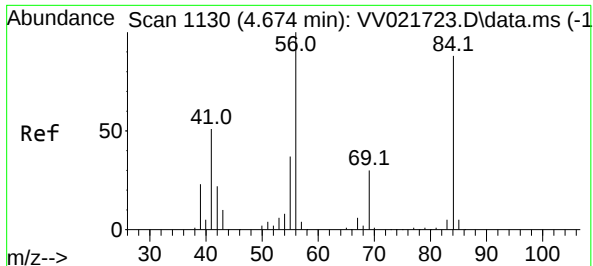
ClientSampleId :

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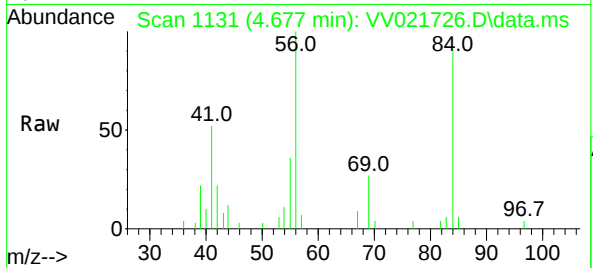
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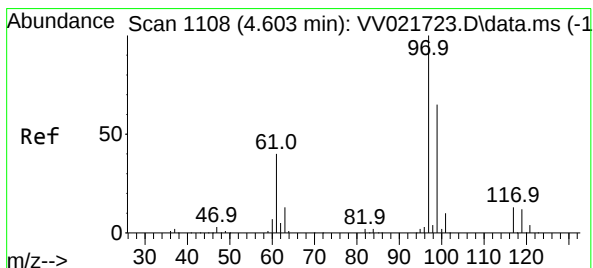
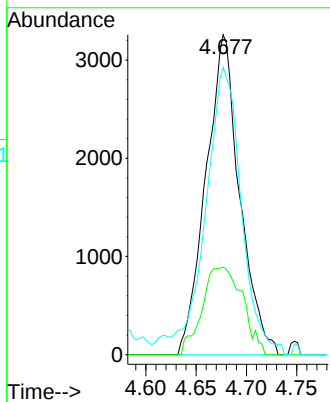
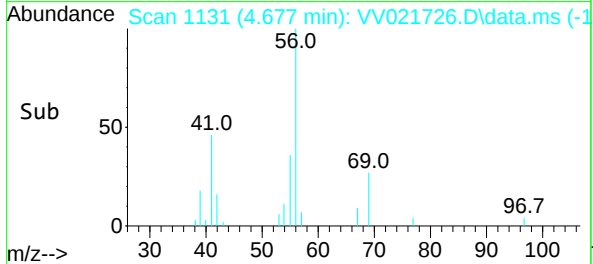
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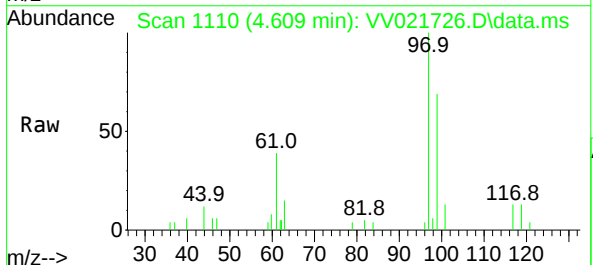
#29
Cyclohexane
Concen: 1.934 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VV021726.D
Acq: 03 Aug 2021 11:20



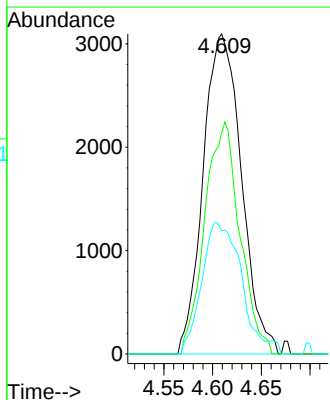
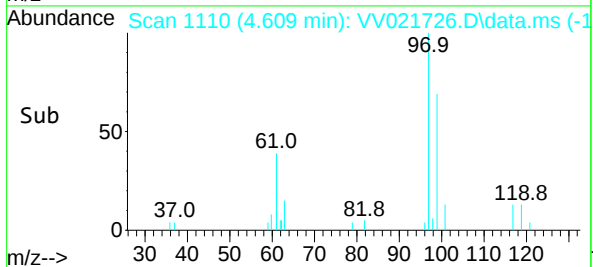
Tgt Ion: 56 Resp: 7622
Ion Ratio Lower Upper
56 100
69 2.6 25.1 37.7#
84 90.2 71.7 107.5



#30
1,1,1-Trichloroethane
Concen: 1.899 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VV021726.D
Acq: 03 Aug 2021 11:20



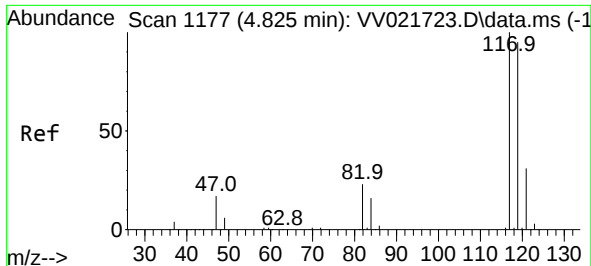
Tgt Ion: 97 Resp: 8444
Ion Ratio Lower Upper
97 100
99 66.5 52.0 78.0
61 41.9 32.6 49.0



Instrument :
MSVOA_V
ClientSampleId :
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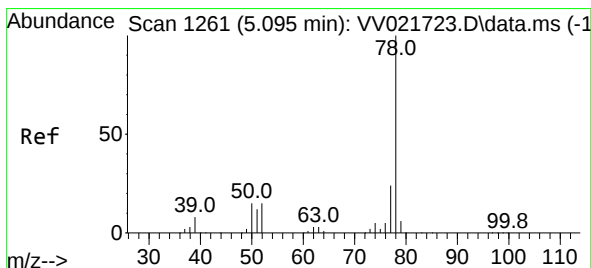
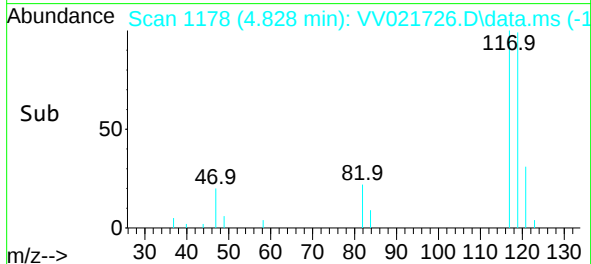
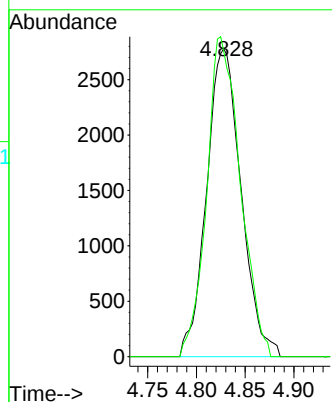
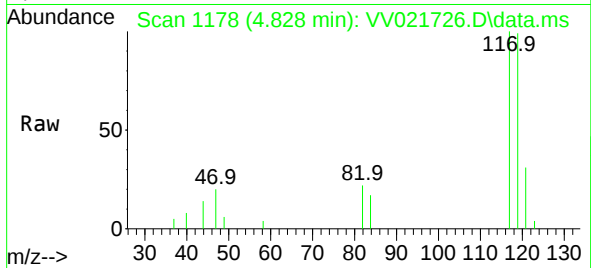
#31
Carbon tetrachloride
Concen: 1.792 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV021726.D
Acq: 03 Aug 2021 11:20

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:117 Resp: 6856
Ion Ratio Lower Upper
117 100
119 100.8 77.7 116.5

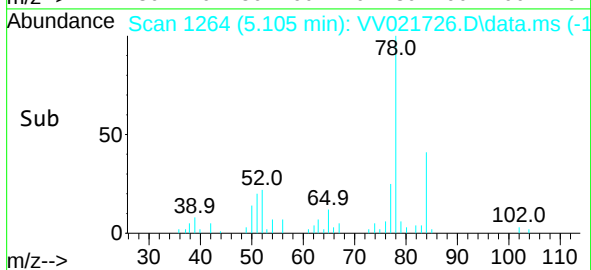
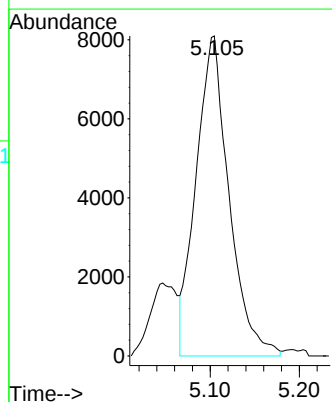
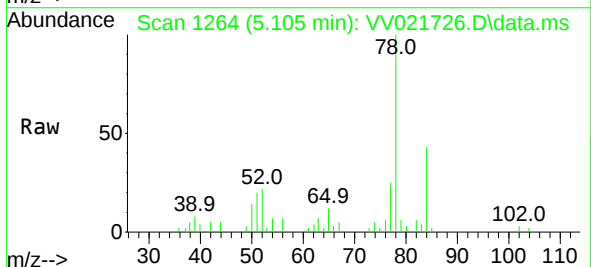
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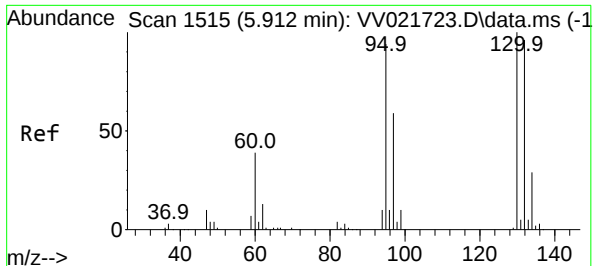
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#33
Benzene
Concen: 1.963 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.010 min
Lab File: VV021726.D
Acq: 03 Aug 2021 11:20

Tgt Ion: 78 Resp: 20791





#34

Trichloroethene

Concen: 2.109 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VV021726.D

Acq: 03 Aug 2021 11:20

Tgt Ion: 95 Resp: 6329

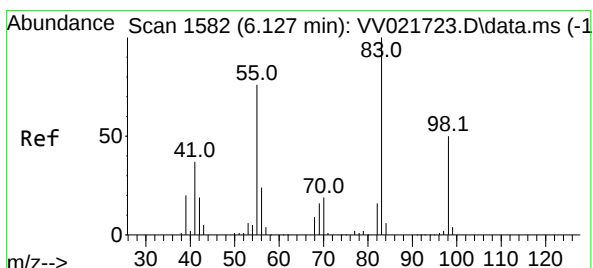
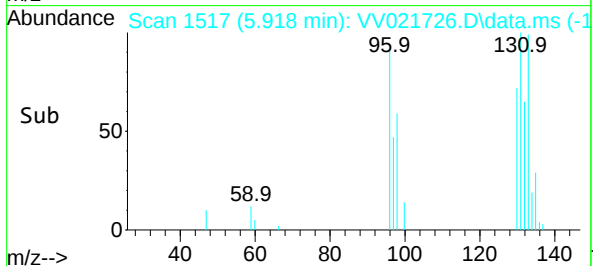
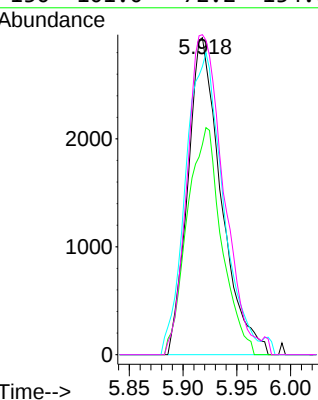
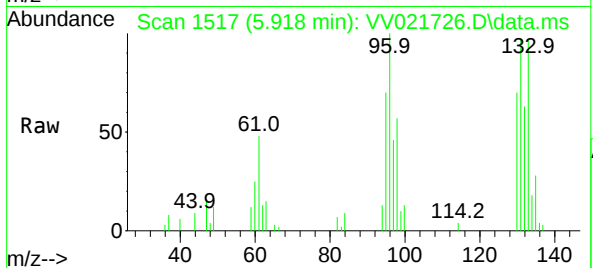
Ion Ratio Lower Upper

95 100

97 66.4 43.5 80.7

132 90.9 70.6 131.2

130 101.0 72.2 134.0



#35

Methylcyclohexane

Concen: 1.938 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV021726.D

Acq: 03 Aug 2021 11:20

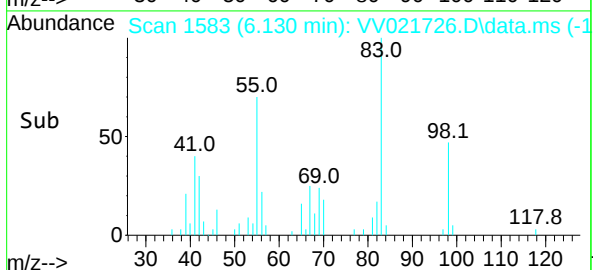
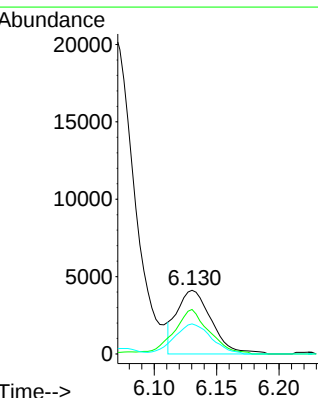
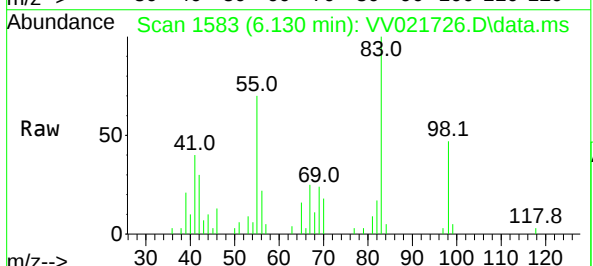
Tgt Ion: 83 Resp: 7928

Ion Ratio Lower Upper

83 100

55 71.1 59.1 88.7

98 50.3 40.8 61.2



Instrument :

MSVOA_V

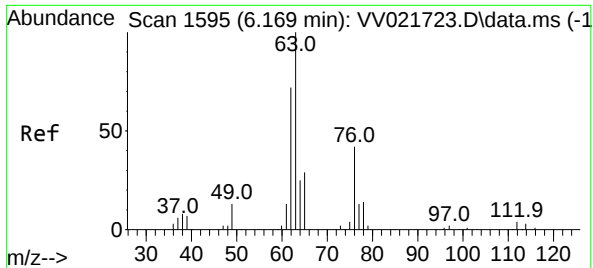
ClientSampleId :

MDL-WATER-QT4-2021-08

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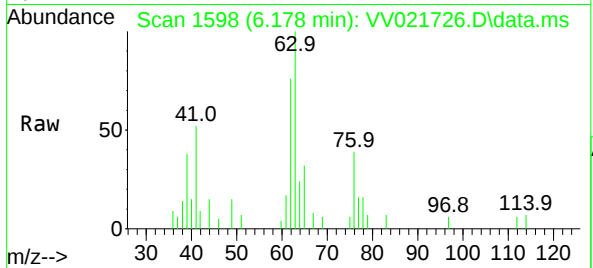
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#37
1,2-Dichloropropane
Concen: 2.136 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.010 min
Lab File: VV021726.D
Acq: 03 Aug 2021 11:20

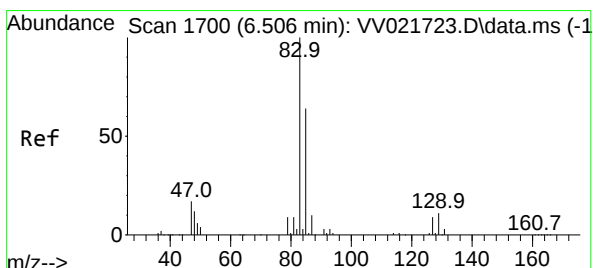
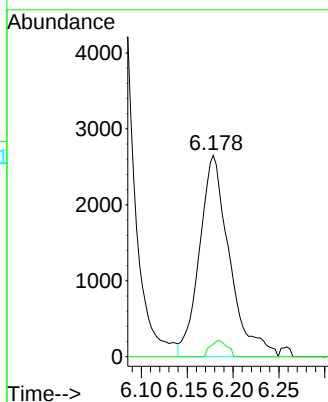
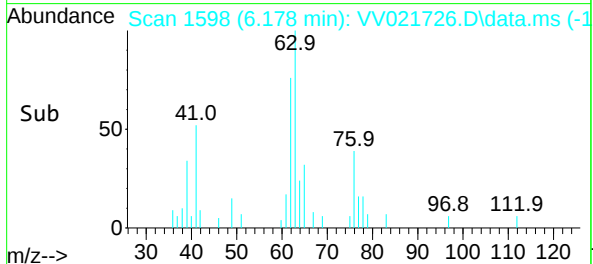
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2021-08



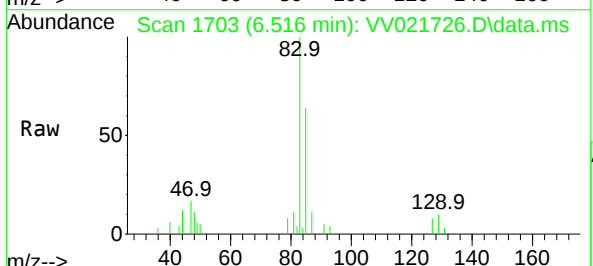
Tgt Ion: 63 Resp: 6030
Ion Ratio Lower Upper
63 100
112 4.5 3.8 5.8

Manual Integrations
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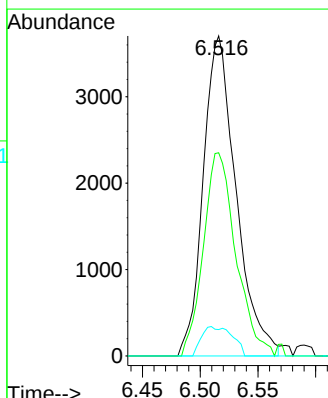
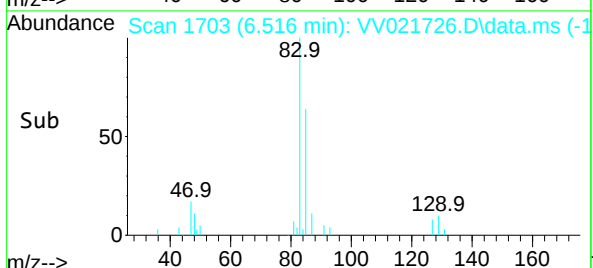
MMDadoda
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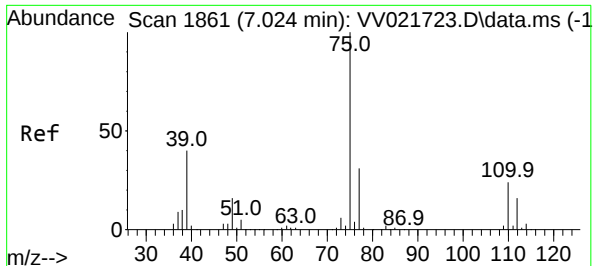


#38
Bromodichloromethane
Concen: 1.899 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.010 min
Lab File: VV021726.D
Acq: 03 Aug 2021 11:20



Tgt Ion: 83 Resp: 7319
Ion Ratio Lower Upper
83 100
85 63.5 45.8 85.2
127 8.2 7.1 10.7





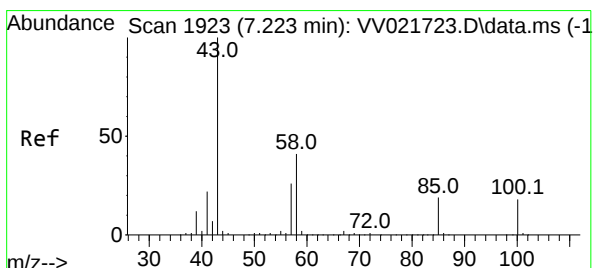
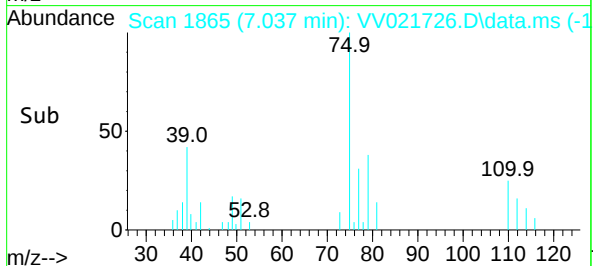
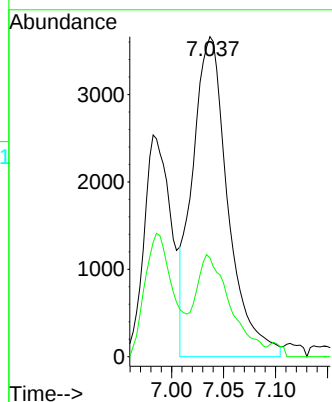
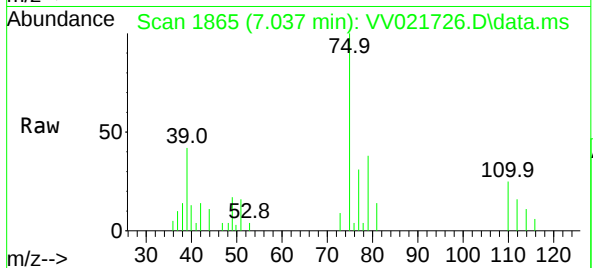
#39
 cis-1,3-Dichloropropene
 Concen: 1.942 ug/L
 RT: 7.037 min Scan# 1865
 Delta R.T. 0.013 min
 Lab File: VV021726.D
 Acq: 03 Aug 2021 11:20

Tgt Ion: 75 Resp: 8684
 Ion Ratio Lower Upper
 75 100
 77 30.9 22.4 41.6

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

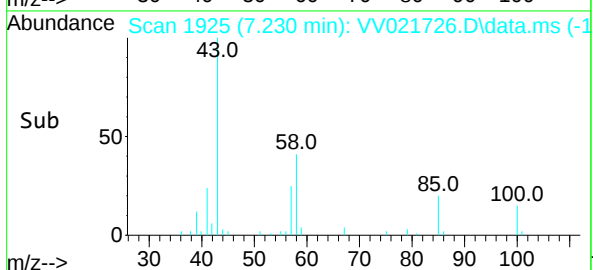
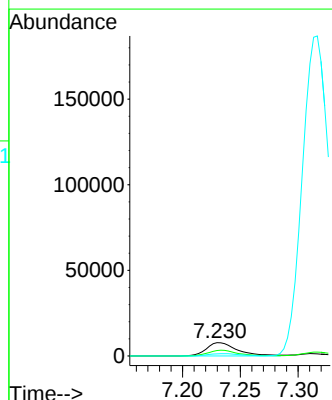
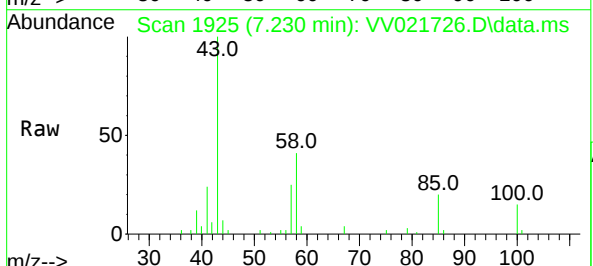
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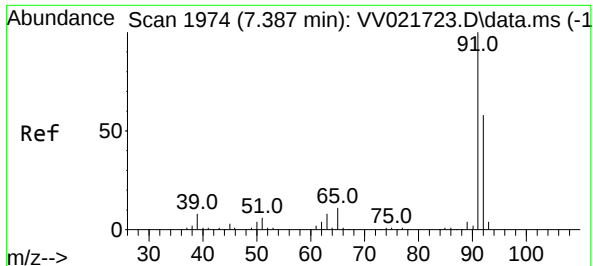
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#40
 4-Methyl-2-pentanone
 Concen: 3.525 ug/L
 RT: 7.230 min Scan# 1925
 Delta R.T. 0.006 min
 Lab File: VV021726.D
 Acq: 03 Aug 2021 11:20

Tgt Ion: 43 Resp: 14495
 Ion Ratio Lower Upper
 43 100
 58 41.4 32.9 49.3
 100 17.8 13.8 20.8





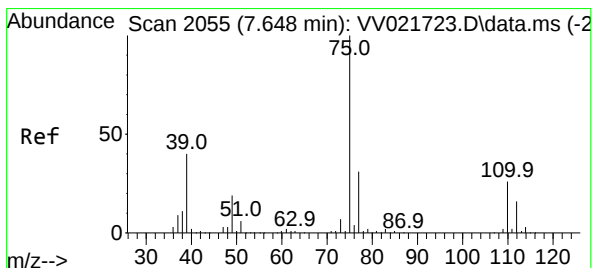
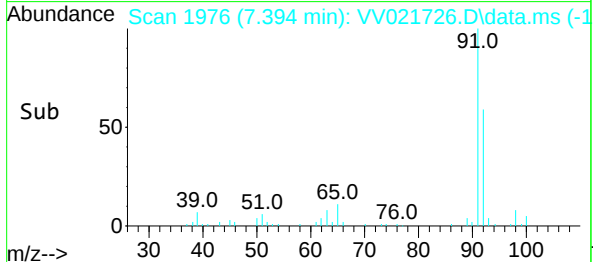
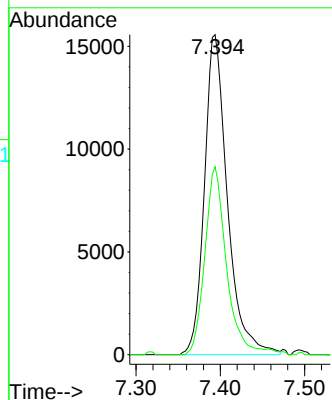
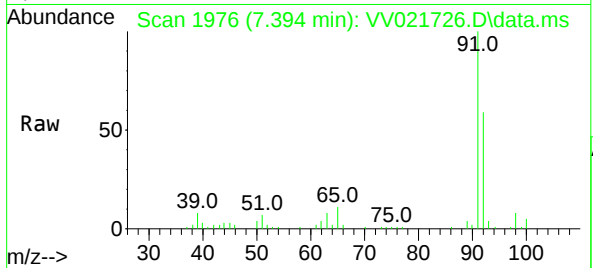
#42
Toluene
Concen: 2.589 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VV021726.D
Acq: 03 Aug 2021 11:20

Tgt Ion: 91 Resp: 29571
Ion Ratio Lower Upper
91 100
92 58.8 40.9 76.0

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

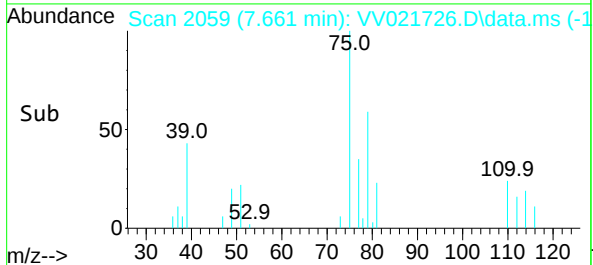
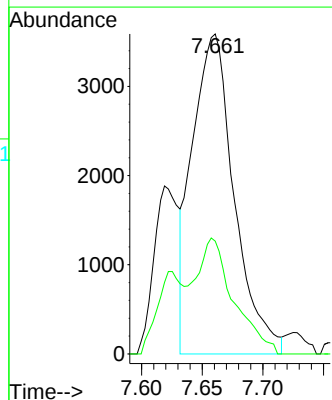
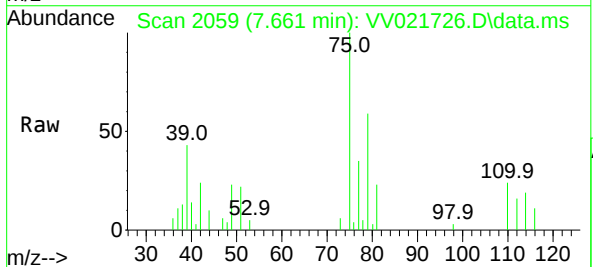
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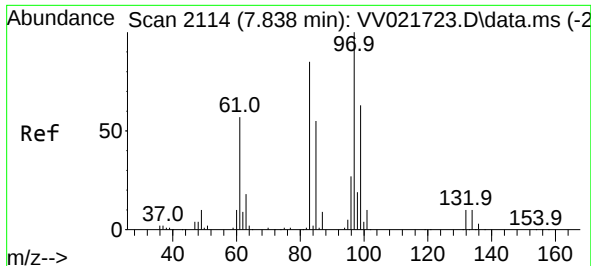
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#44
trans-1,3-Dichloropropene
Concen: 2.009 ug/L m
RT: 7.661 min Scan# 2059
Delta R.T. 0.013 min
Lab File: VV021726.D
Acq: 03 Aug 2021 11:20

Tgt Ion: 75 Resp: 8614
Ion Ratio Lower Upper
75 100
77 35.3 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 1.917 ug/L

RT: 7.844 min Scan# 2116

Delta R.T. 0.006 min

Lab File: VV021726.D

Acq: 03 Aug 2021 11:20

Tgt Ion: 97 Resp: 5510

Ion Ratio Lower Upper

97 100

99 64.2 43.8 81.3

83 91.9 59.3 110.1

85 59.4 37.5 69.6

Instrument :

MSVOA_V

ClientSampleId :

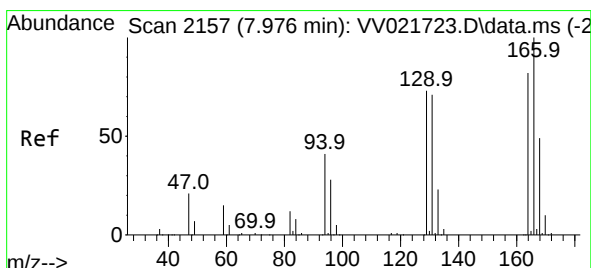
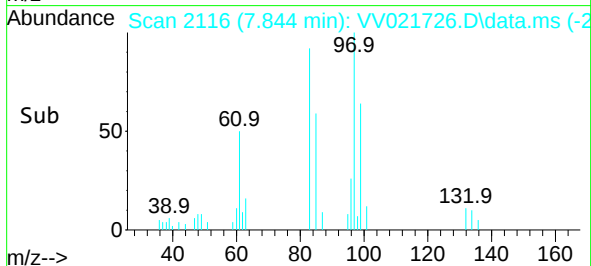
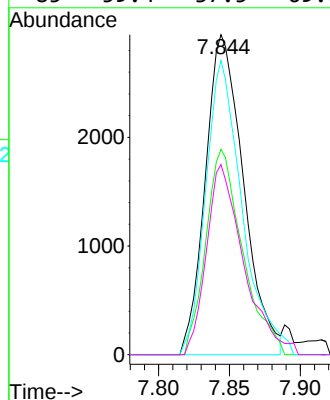
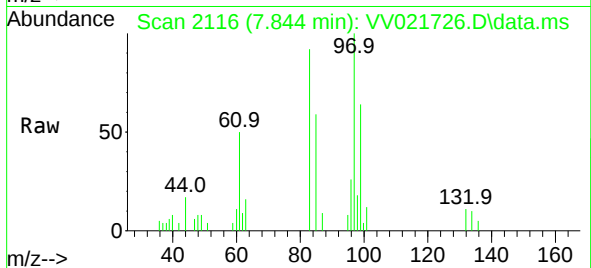
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#46

Tetrachloroethene

Concen: 1.892 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV021726.D

Acq: 03 Aug 2021 11:20

Tgt Ion: 164 Resp: 4197

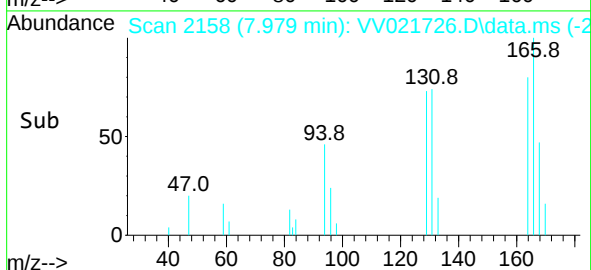
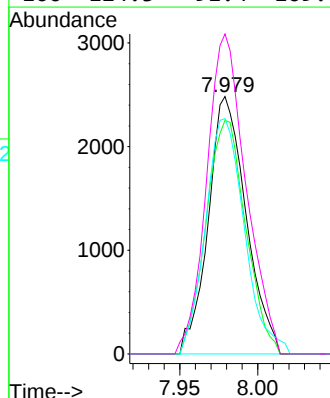
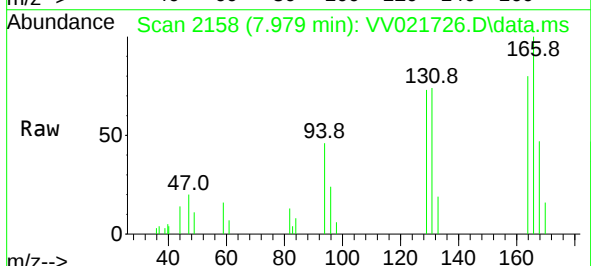
Ion Ratio Lower Upper

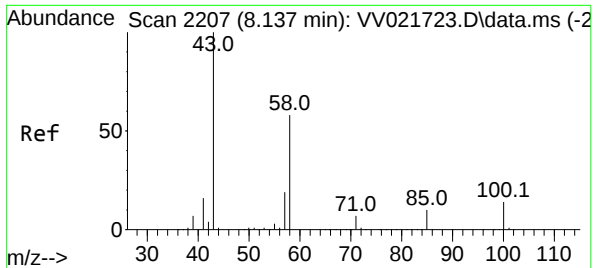
164 100

129 90.7 64.3 119.5

131 91.4 65.2 121.0

166 124.3 91.4 169.8





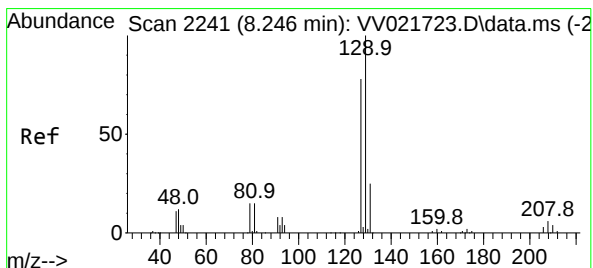
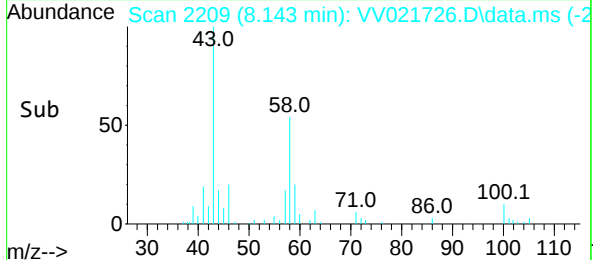
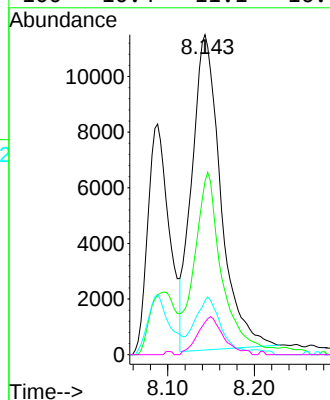
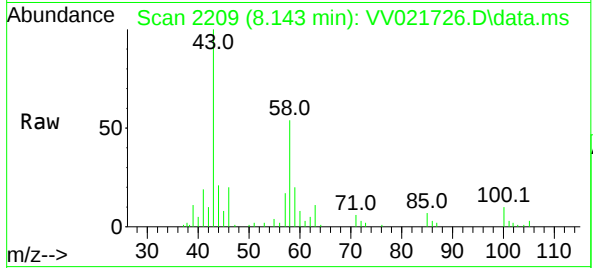
#48
2-Hexanone
Concen: 8.317 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.006 min
Lab File: VV021726.D
Acq: 03 Aug 2021 11:20

Tgt Ion:	43	Resp:	26211
Ion Ratio	100	Lower	Upper
43	100		
58	49.9	46.0	69.0
57	15.4	15.0	22.4
100	10.4	11.1	16.7#

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

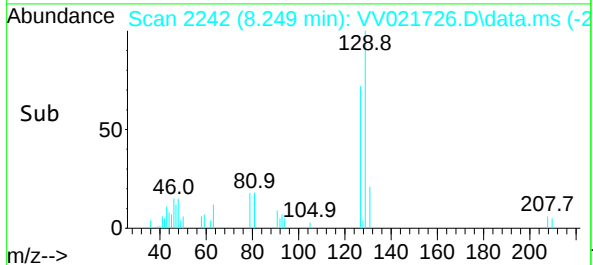
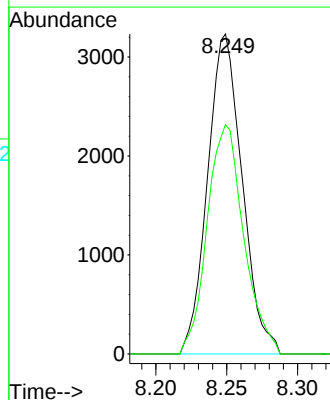
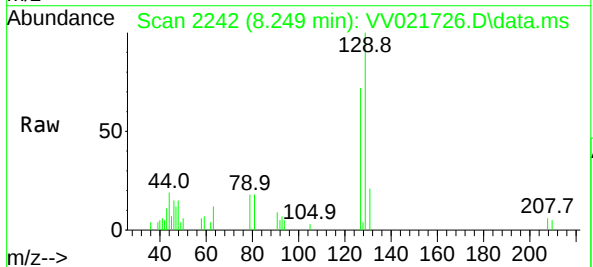
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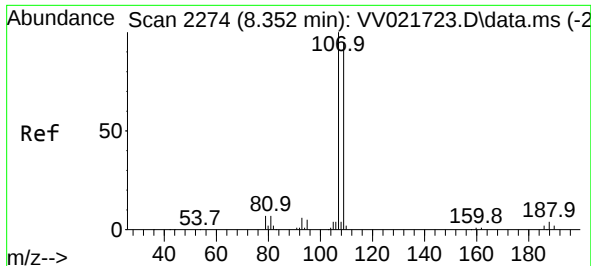
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#49
Dibromochloromethane
Concen: 1.677 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV021726.D
Acq: 03 Aug 2021 11:20

Tgt Ion:	129	Resp:	5489
Ion Ratio	100	Lower	Upper
129	100		
127	71.7	54.0	100.2





#50

1,2-Dibromoethane

Concen: 1.806 ug/L

RT: 8.358 min Scan# 2276

Delta R.T. 0.006 min

Lab File: VV021726.D

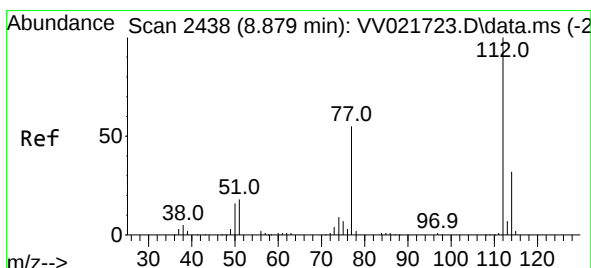
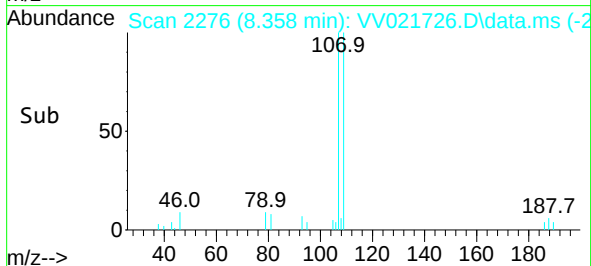
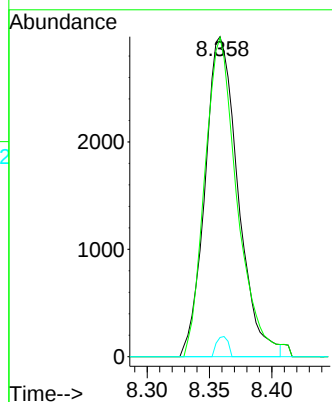
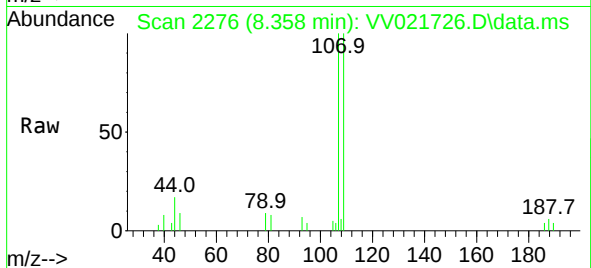
Acq: 03 Aug 2021 11:20

Tgt Ion:	107	Resp:	5515
Ion	Ratio	Lower	Upper
107	100		
109	99.7	66.2	123.0
188	6.0	3.1	4.7#

Instrument :
MSVOA_V
ClientSampleId :
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#51

Chlorobenzene

Concen: 1.917 ug/L

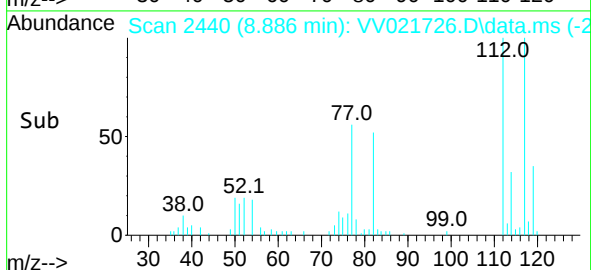
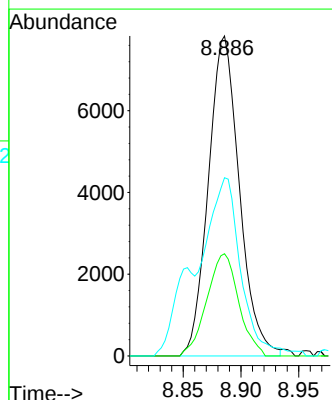
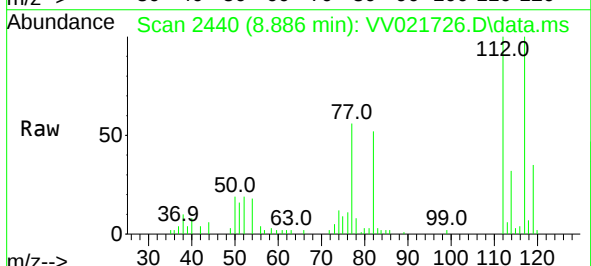
RT: 8.886 min Scan# 2440

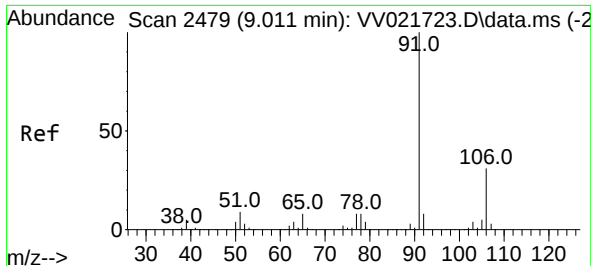
Delta R.T. 0.006 min

Lab File: VV021726.D

Acq: 03 Aug 2021 11:20

Tgt Ion:	112	Resp:	14626
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.6	42.0
77	55.7	45.0	67.4





#52

Ethylbenzene

Concen: 1.824 ug/L

RT: 9.018 min Scan# 2481

Delta R.T. 0.006 min

Lab File: VV021726.D

Acq: 03 Aug 2021 11:20

Tgt Ion: 91 Resp: 22624

Ion Ratio Lower Upper

91 100

106 31.7 22.0 40.8

Instrument :

MSVOA_V

ClientSampleId :

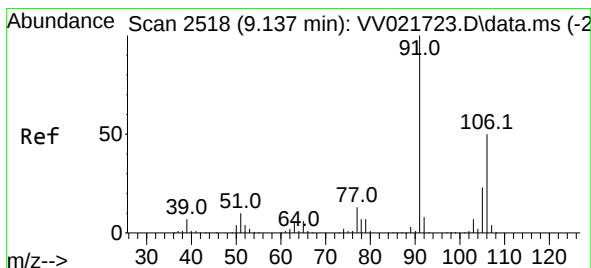
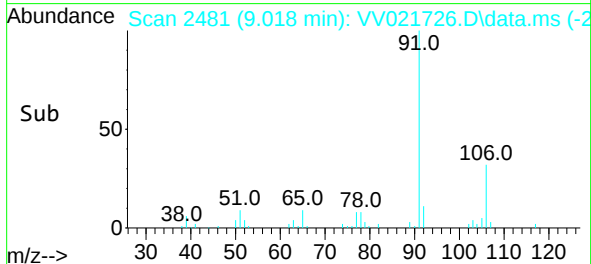
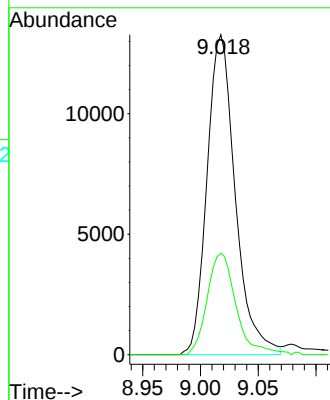
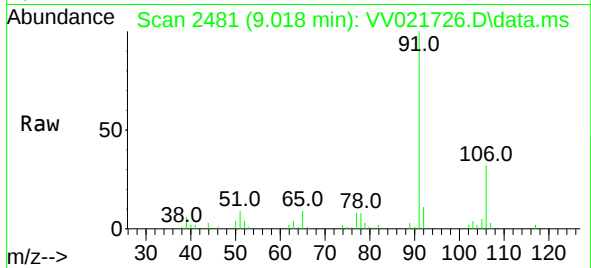
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#53

m,p-Xylene

Concen: 1.842 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. 0.006 min

Lab File: VV021726.D

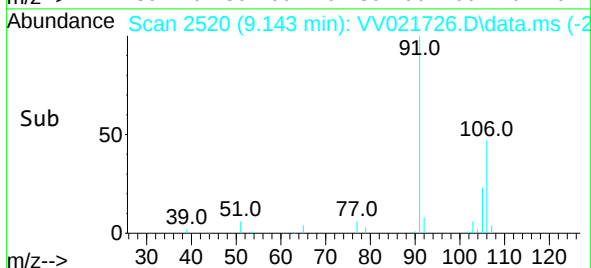
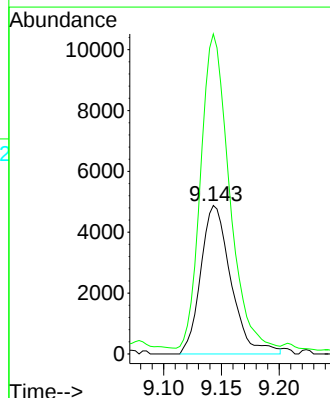
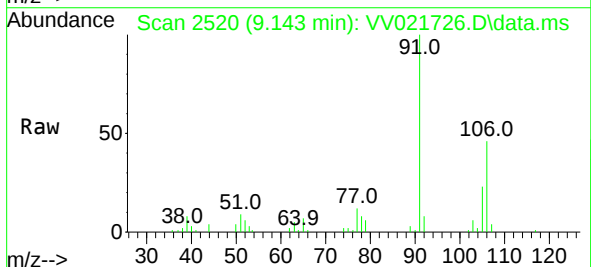
Acq: 03 Aug 2021 11:20

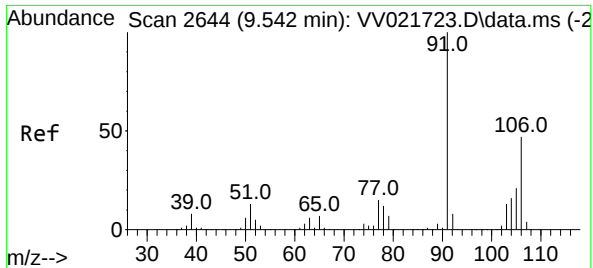
Tgt Ion: 106 Resp: 8867

Ion Ratio Lower Upper

106 100

91 215.5 138.9 258.1





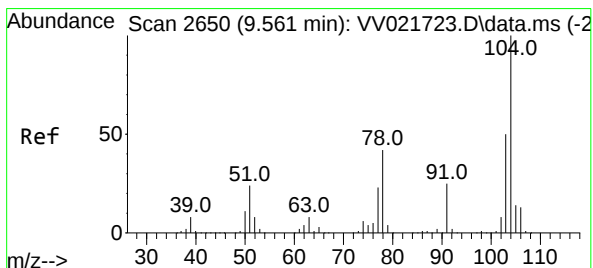
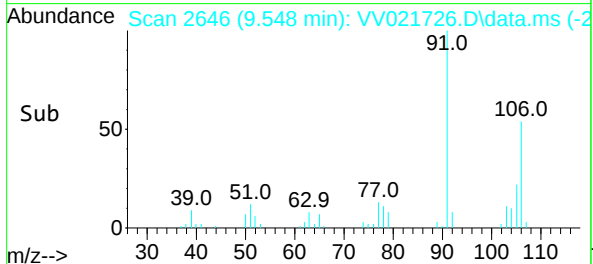
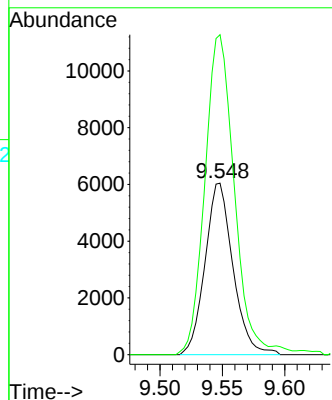
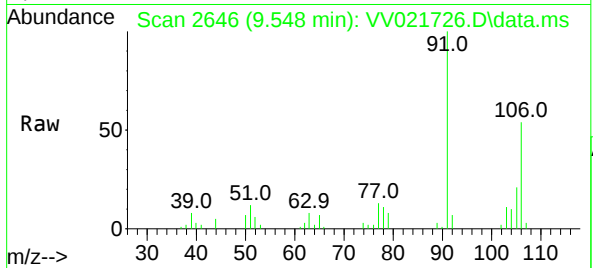
#54
o-Xylene
Concen: 1.946 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.006 min
Lab File: VV021726.D
Acq: 03 Aug 2021 11:20

Tgt Ion:106 Resp: 9423
Ion Ratio Lower Upper
106 100
91 186.5 147.4 273.8

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

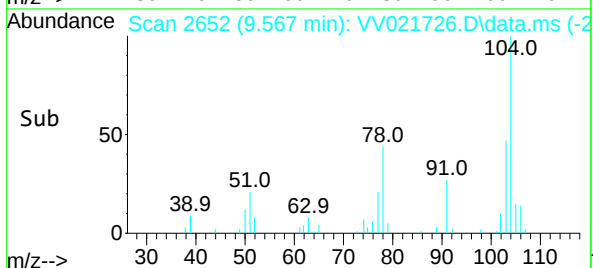
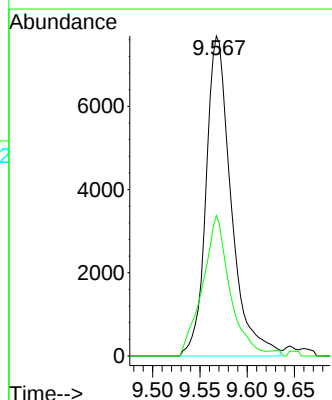
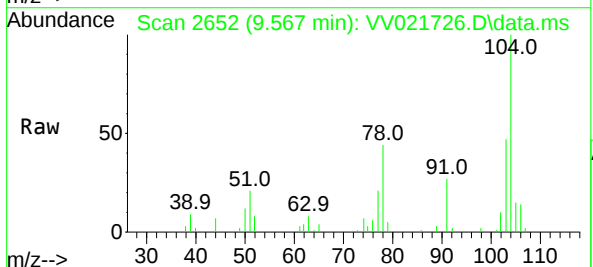
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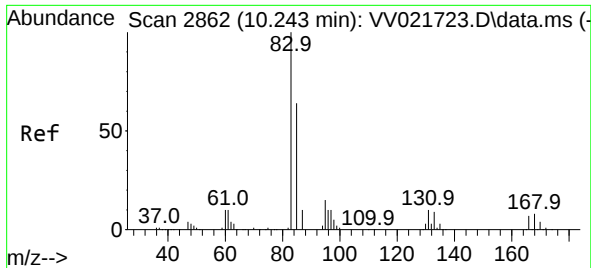
MMDadoda
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#55
Styrene
Concen: 1.751 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.006 min
Lab File: VV021726.D
Acq: 03 Aug 2021 11:20

Tgt Ion:104 Resp: 14207
Ion Ratio Lower Upper
104 100
78 43.9 30.0 55.8





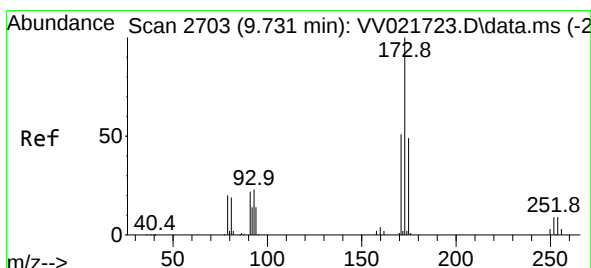
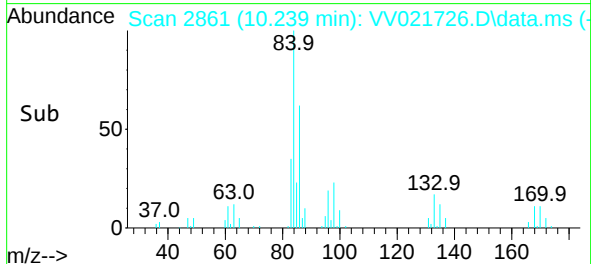
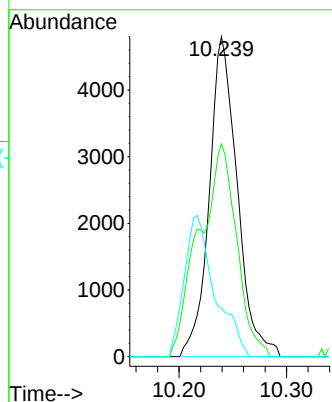
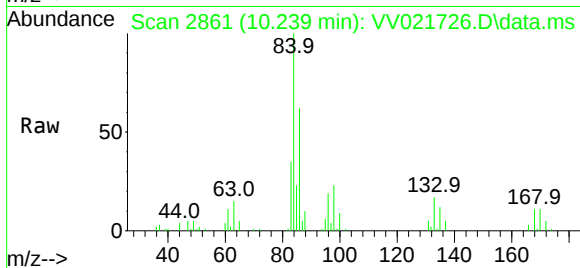
#57
1,1,2,2-Tetrachloroethane
Concen: 2.026 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.003 min
Lab File: VV021726.D
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Tgt Ion:	83	Resp:	8691
Ion	Ratio	Lower	Upper
83	100		
85	66.5	46.0	85.4
131	15.1	8.1	12.1#

Instrument :
MSVOA_V
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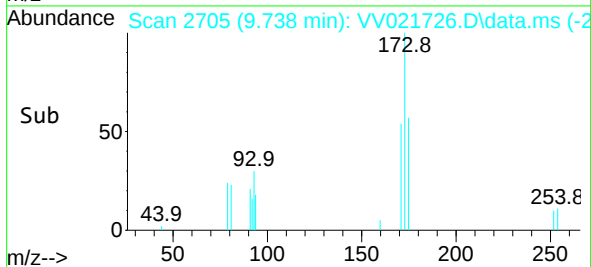
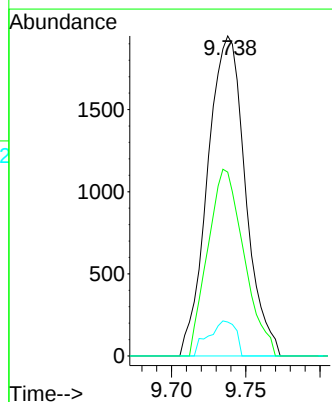
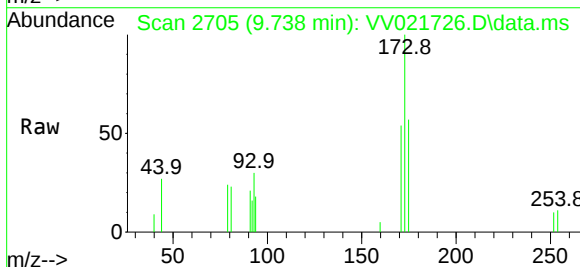
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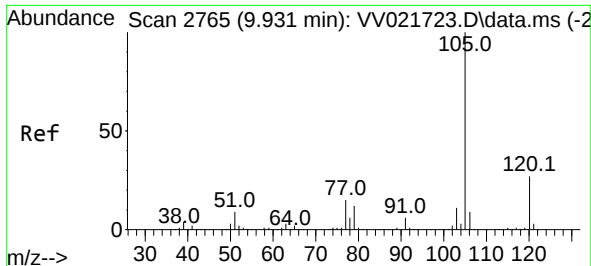
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#59
Bromoform
Concen: 1.539 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.006 min
Lab File: VV021726.D
Acq: 03 Aug 2021 11:20

Tgt Ion:	173	Resp:	3449
Ion	Ratio	Lower	Upper
173	100		
175	55.9	39.0	58.4
254	6.1	7.2	10.8#





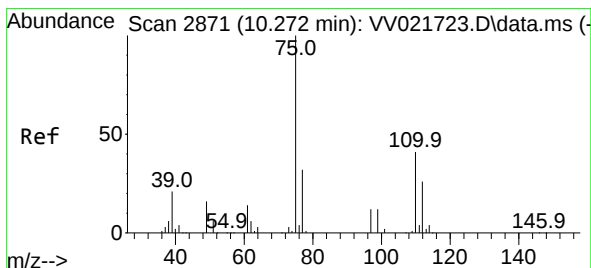
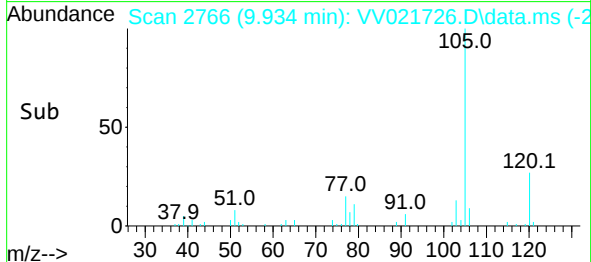
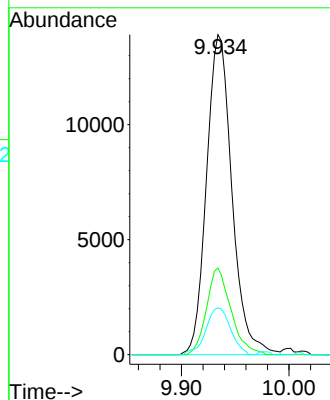
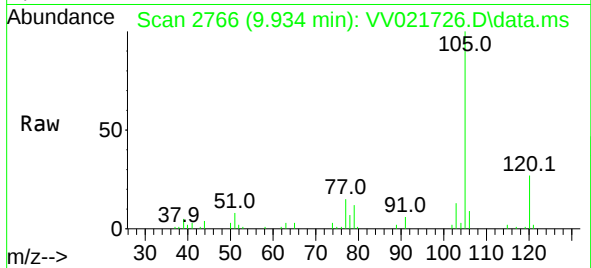
#60
Isopropylbenzene
Concen: 1.908 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV021726.D
Acq: 03 Aug 2021 11:20

Tgt Ion:	105	Resp:	22847
Ion Ratio	Lower	Upper	
105	100		
120	26.0	21.5	32.3
77	14.2	11.8	17.8

Instrument :
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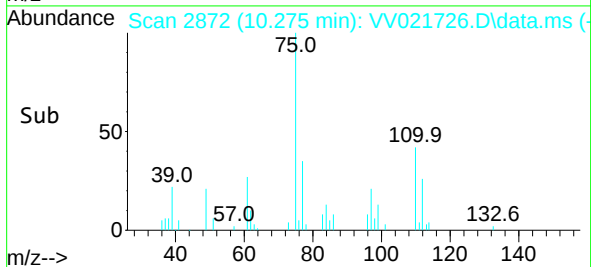
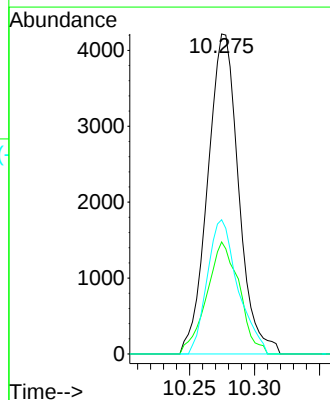
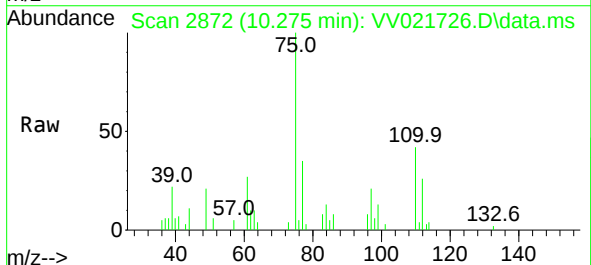
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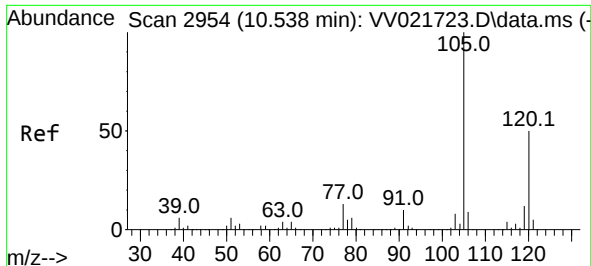
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#61
1,2,3-Trichloropropane
Concen: 2.028 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV021726.D
Acq: 03 Aug 2021 11:20

Tgt Ion:	75	Resp:	6985
Ion Ratio	Lower	Upper	
75	100		
77	36.8	25.7	38.5
110	41.6	33.8	50.6





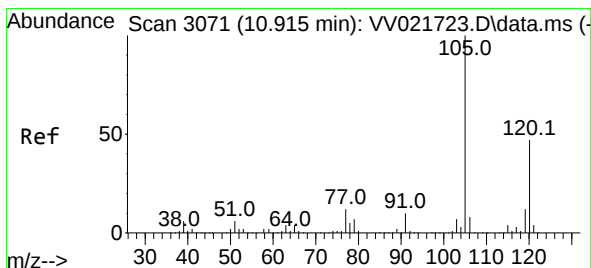
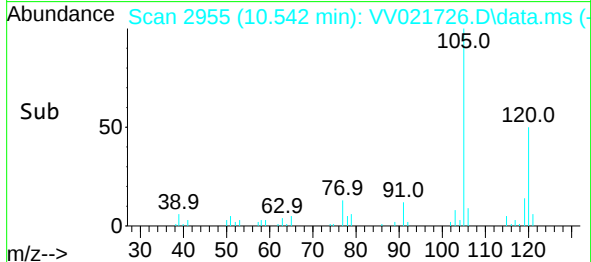
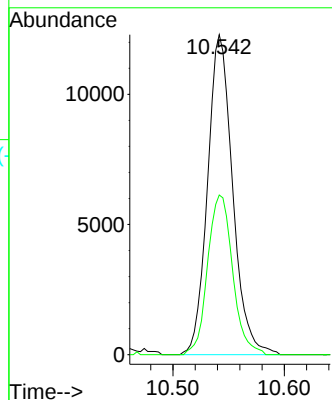
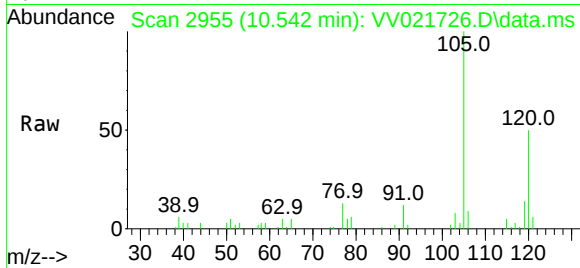
#62
1,3,5-Trimethylbenzene
Concen: 1.900 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV021726.D
Acq: 03 Aug 2021 11:20

Tgt Ion:105 Resp: 19261
Ion Ratio Lower Upper
105 100
120 49.7 39.8 59.6

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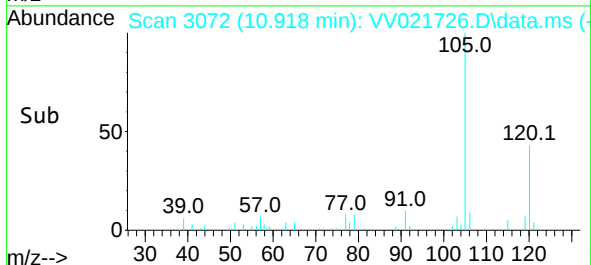
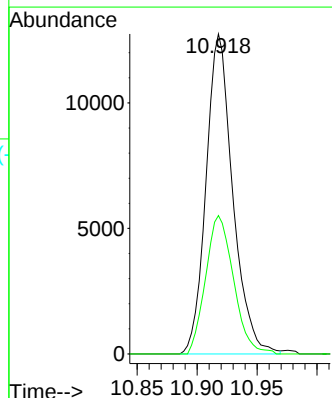
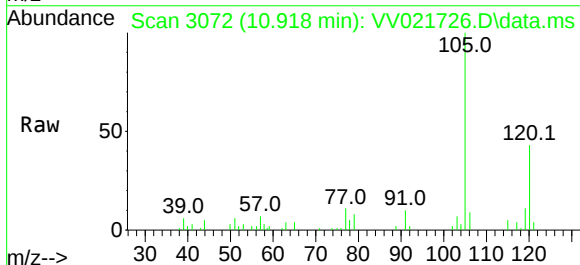
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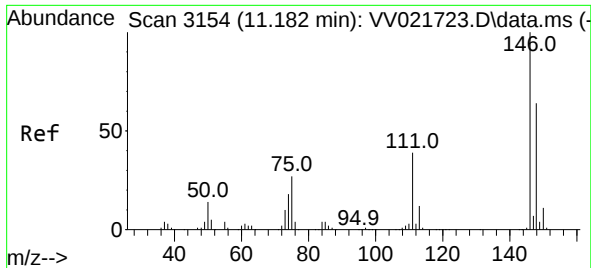
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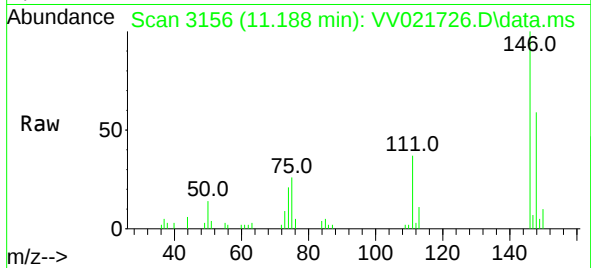
#63
1,2,4-Trimethylbenzene
Concen: 1.914 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV021726.D
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Tgt Ion:105 Resp: 19742
Ion Ratio Lower Upper
105 100
120 45.1 37.0 55.6

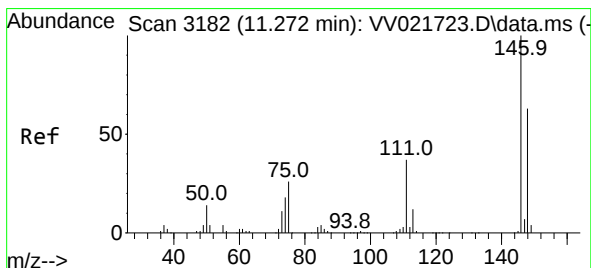
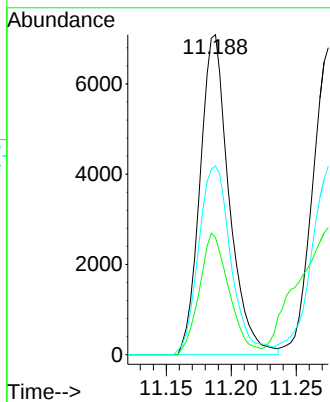
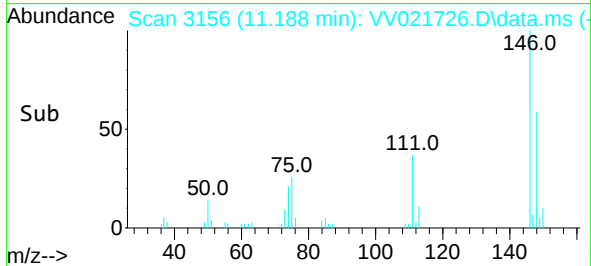




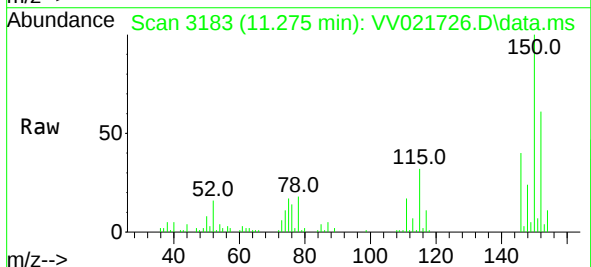
#64
1,3-Dichlorobenzene
Concen: 1.915 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.006 min
Lab File: VV021726.D
Acq: 03 Aug 2021 11:20



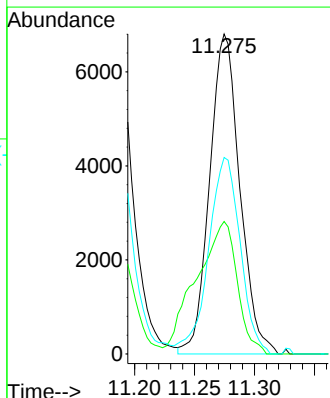
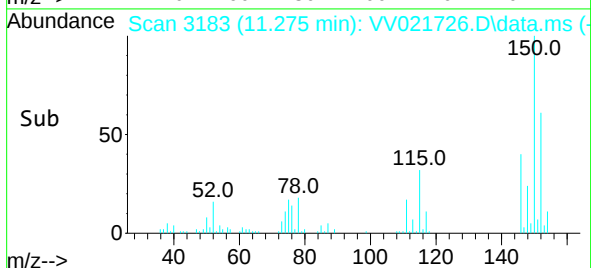
Tgt Ion:146 Resp: 11048
Ion Ratio Lower Upper
146 100
111 36.6 27.3 50.7
148 59.0 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 2.052 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV021726.D
Acq: 03 Aug 2021 11:20



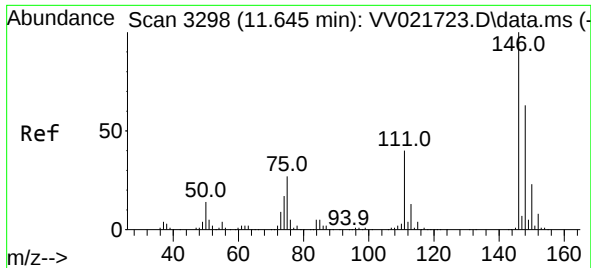
Tgt Ion:146 Resp: 11915
Ion Ratio Lower Upper
146 100
111 41.4 25.6 47.4
148 61.4 44.7 82.9



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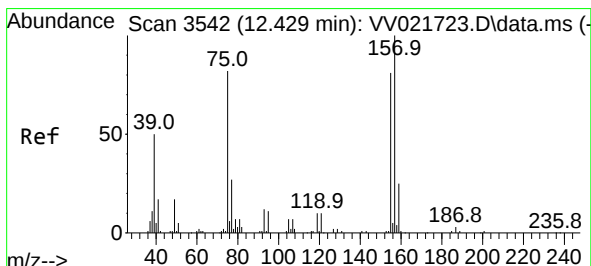
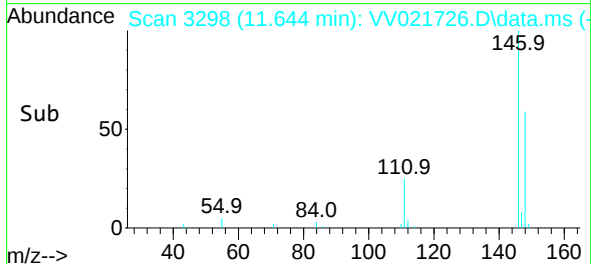
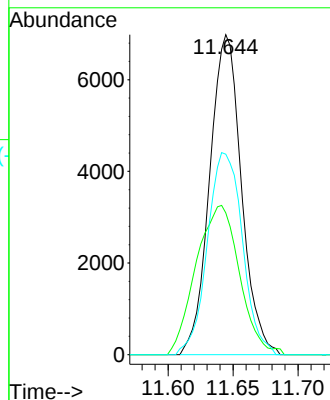
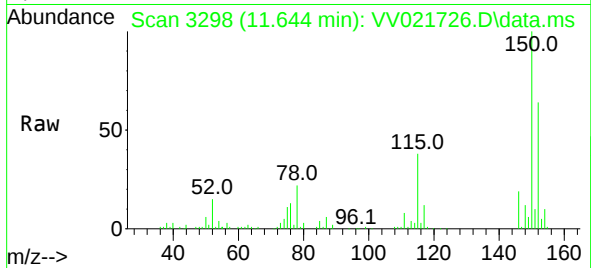
#67
1,2-Dichlorobenzene
Concen: 2.015 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV021726.D
Acq: 03 Aug 2021 11:20

Tgt Ion:	146	Resp:	11877
Ion Ratio	Lower	Upper	
146	100		
111	44.3	32.5	48.7
148	62.7	51.5	77.3

Instrument :
MSVOA_V
ClientSampleId :
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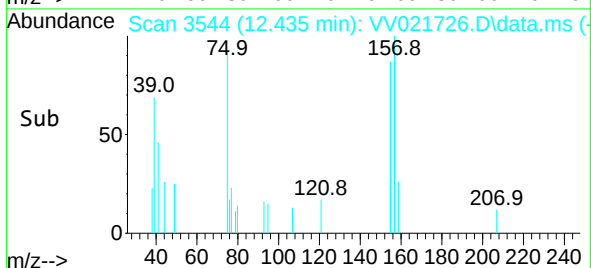
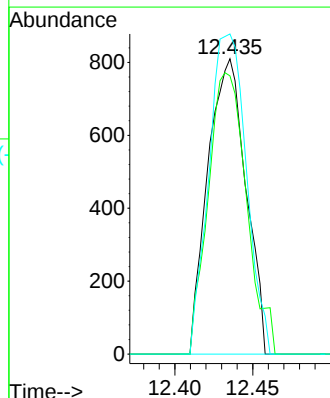
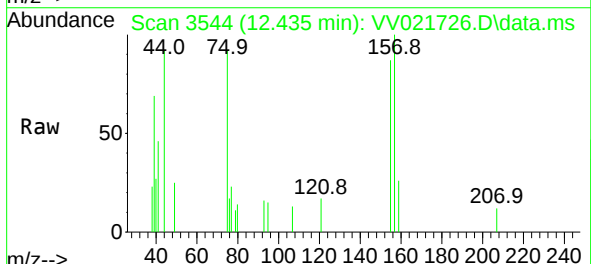
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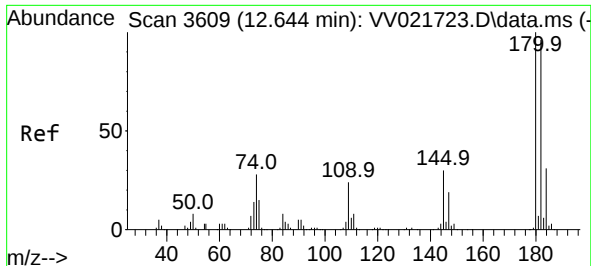
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#68
1,2-Dibromo-3-chloropropane
Concen: 1.514 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. 0.006 min
Lab File: VV021726.D
Acq: 03 Aug 2021 11:20

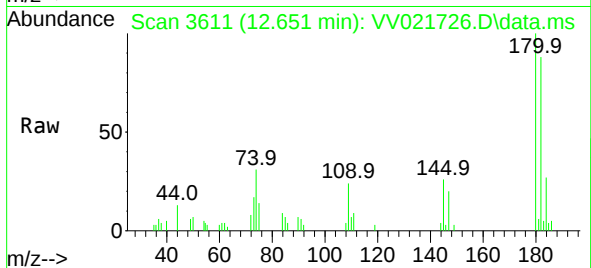
Tgt Ion:	75	Resp:	1373
Ion Ratio	Lower	Upper	
75	100		
155	94.2	77.7	116.5
157	108.4	102.6	154.0





#69
 1,3,5-Trichlorobenzene
 Concen: 1.781 ug/L
 RT: 12.651 min Scan# 3611
 Delta R.T. 0.006 min
 Lab File: VV021726.D
 Acq: 03 Aug 2021 11:20

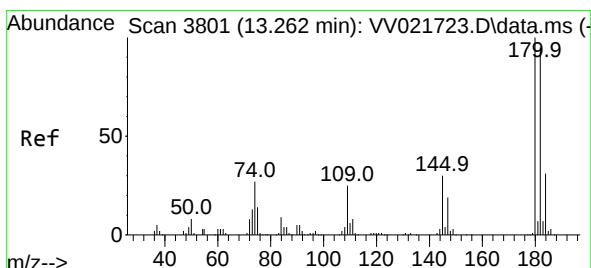
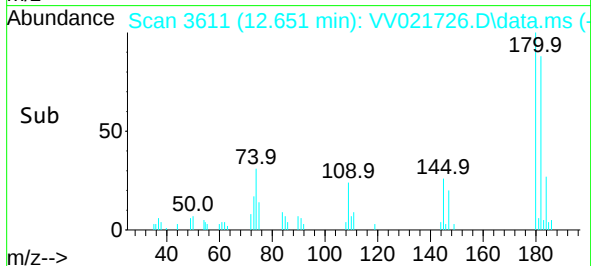
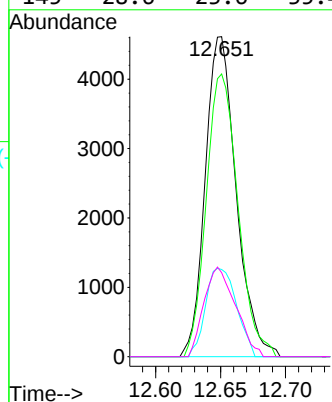
Instrument :
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Tgt Ion:180 Resp: 7645
 Ion Ratio Lower Upper
 180 100
 182 90.4 77.1 115.7
 184 27.6 24.6 36.8
 145 28.6 23.6 35.4

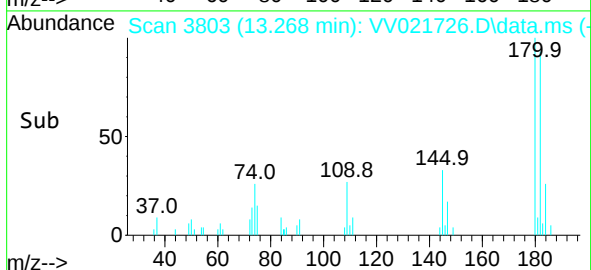
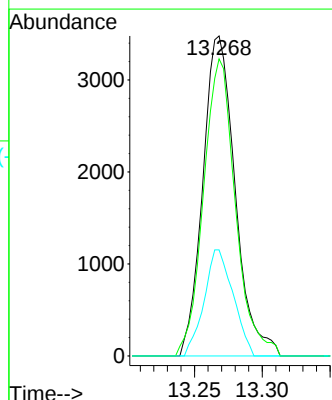
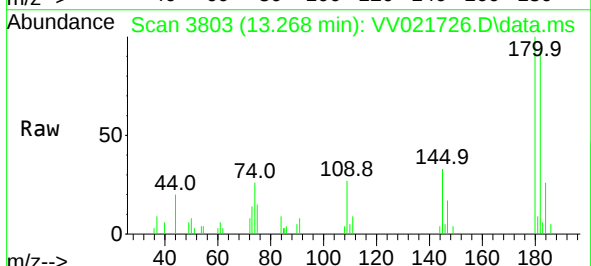
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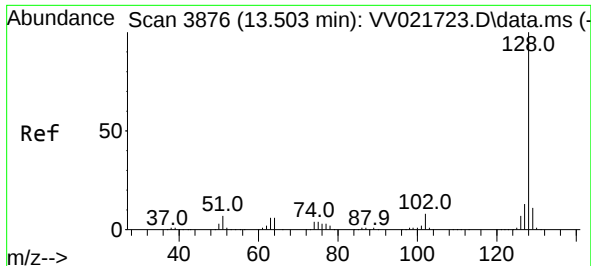
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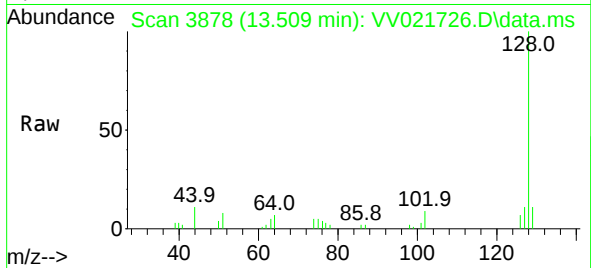
#70
 1,2,4-trichlorobenzene
 Concen: 1.595 ug/L
 RT: 13.268 min Scan# 3803
 Delta R.T. 0.006 min
 Lab File: VV021726.D
 Acq: 03 Aug 2021 11:20

Tgt Ion:180 Resp: 5774
 Ion Ratio Lower Upper
 180 100
 182 91.5 76.3 114.5
 145 29.8 24.1 36.1

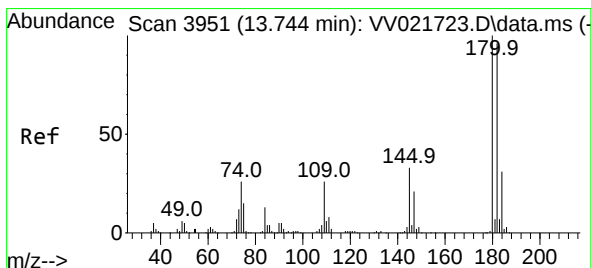
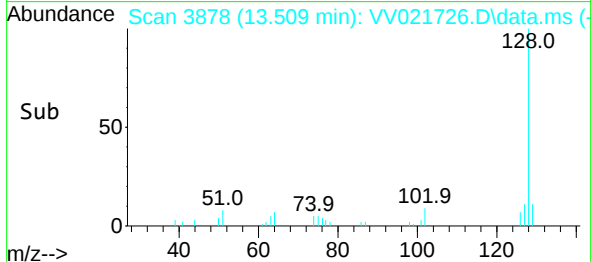
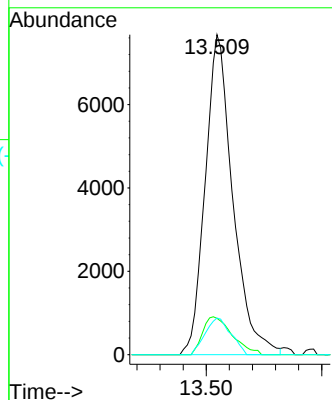




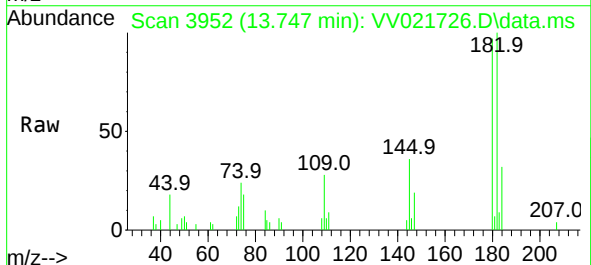
#71
Naphthalene
Concen: 1.217 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.006 min
Lab File: VV021726.D
Acq: 03 Aug 2021 11:20



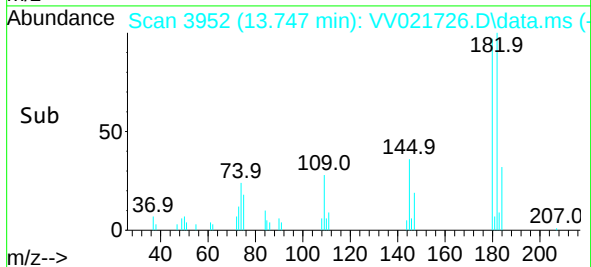
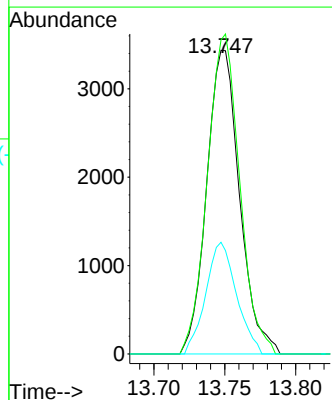
Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	10.6	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 1.545 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV021726.D
Acq: 03 Aug 2021 11:20



Tgt Ion	Ratio	Lower	Upper
180	100		
182	103.2	76.8	115.2
145	34.3	25.5	38.3



Instrument :
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ClientSampleId :
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