

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070221\
 Data File : VW021591.D
 Acq On : 02 Jul 2021 11:22
 Operator : SY/MD
 Sample : M2914-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBK58

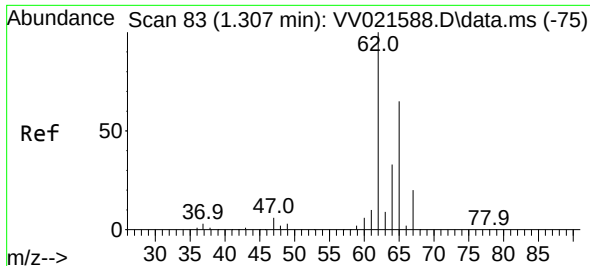
Quant Time: Jul 03 00:06:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 03 00:01:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	478692	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	447817	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	226891	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	131139	43.299	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.600%		
7) Chloroethane-d5	1.565	69	101195	40.881	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.760%		
11) 1,1-Dichloroethene-d2	2.098	63	191081	34.483	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.960%		
21) 2-Butanone-d5	3.883	46	250705	96.923	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.920%		
24) Chloroform-d	4.343	84	291298	45.982	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.960%		
26) 1,2-Dichloroethane-d4	5.027	65	180233	48.283	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.560%		
32) Benzene-d6	5.043	84	599149	47.651	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.300%		
36) 1,2-Dichloropropane-d6	6.066	67	192996	48.666	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.340%		
41) Toluene-d8	7.314	98	548669	47.184	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.360%		
43) trans-1,3-Dichloroprop...	7.619	79	90741	45.997	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.000%		
47) 2-Hexanone-d5	8.085	63	174070	94.626	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.630%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	252571	47.270	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.540%		
66) 1,2-Dichlorobenzene-d4	11.625	152	217711	48.130	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.260%		
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	105639	26.771	ug/L	100
6) Bromomethane	1.520	94	8200	3.566	ug/L	100
16) Methylene chloride	2.500	84	98458	26.530	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	142008	42.578	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	112259	19.939	ug/L	99
31) Carbon tetrachloride	4.606	117	15539	3.134	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	72512	12.413	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	213549	41.067	ug/L	100
42) Toluene	7.387	91	306364	20.987	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	66262	12.147	ug/L	95
46) Tetrachloroethene	7.973	164	147289	50.270	ug/L	99
48) 2-Hexanone	8.088	43	18279	4.447	ug/L #	70
49) Dibromochloromethane	8.246	129	118119	29.473	ug/L	99
51) Chlorobenzene	8.879	112	196978	20.736	ug/L	98
52) Ethylbenzene	9.011	91	437376	27.579	ug/L	99
61) 1,2,3-Trichloropropane	10.352	75	5327	1.215	ug/L #	1

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

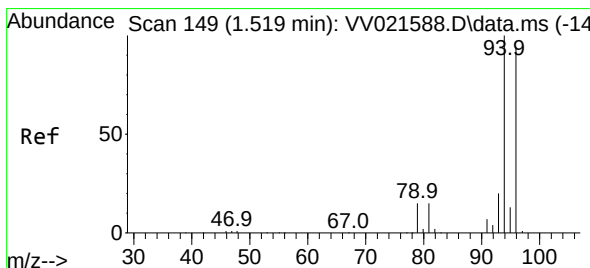
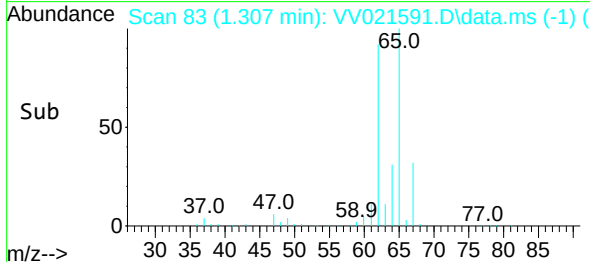
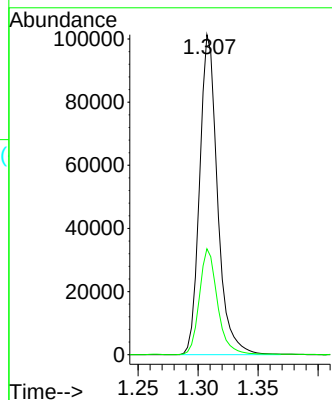
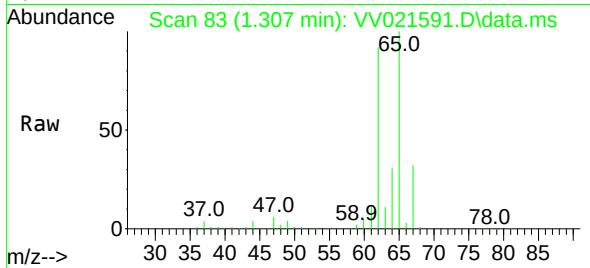
Instrument :
MSVOA_V
ClientSampleId :
DBK58



#5
 Vinyl chloride
 Concen: 26.771 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV021591.D
 Acq: 02 Jul 2021 11:22

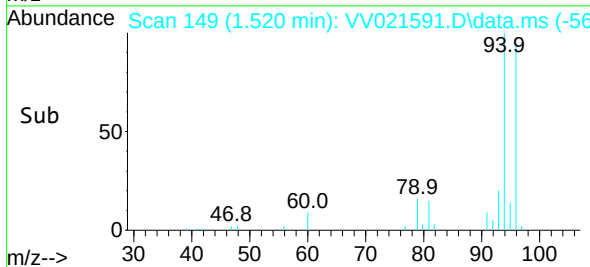
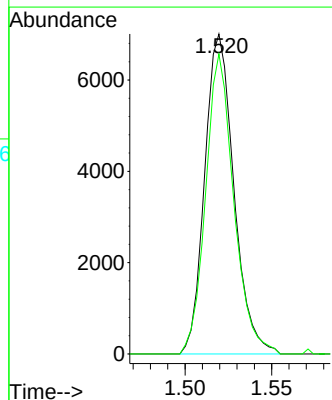
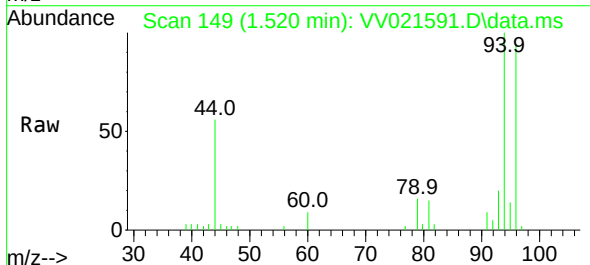
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 ClientSampleID :
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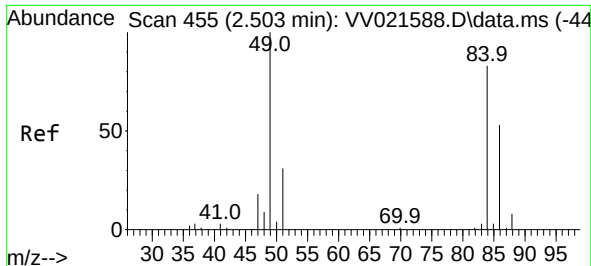
Tgt Ion: 62 Resp: 105639
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.3 43.3



#6
 Bromomethane
 Concen: 3.566 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV021591.D
 Acq: 02 Jul 2021 11:22

Tgt Ion: 94 Resp: 8200
 Ion Ratio Lower Upper
 94 100
 96 93.7 65.5 121.7

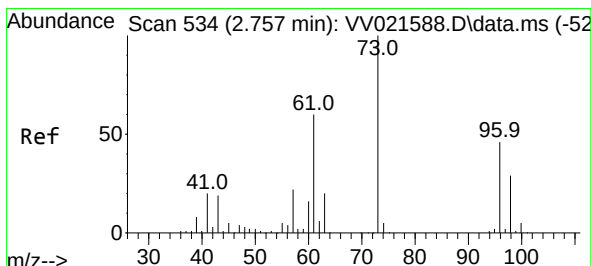
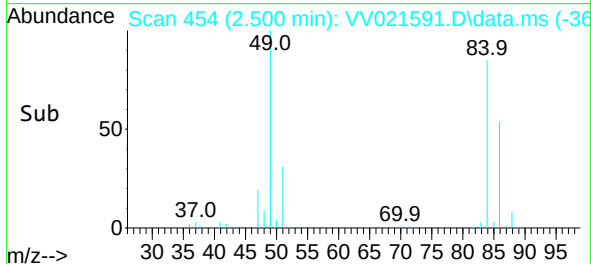
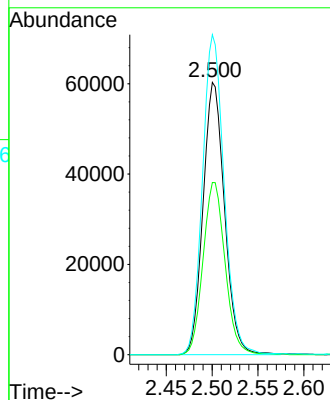
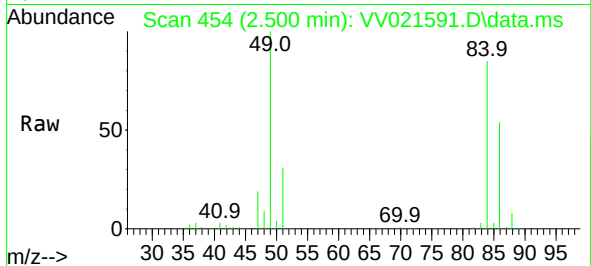




#16
Methylene chloride
Concen: 26.530 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.003 min
Lab File: VV021591.D
Acq: 02 Jul 2021 11:22

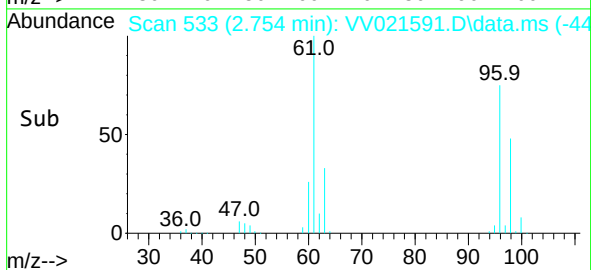
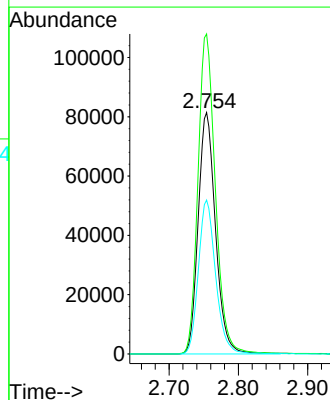
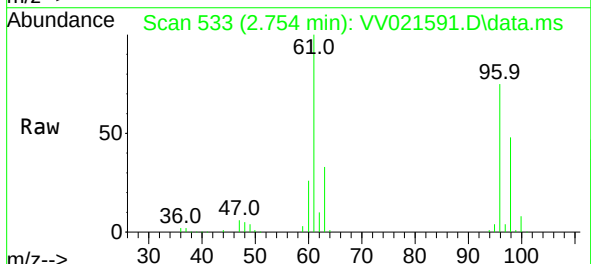
Instrument :
MSVOA_V
ClientSampleId :
DBK58

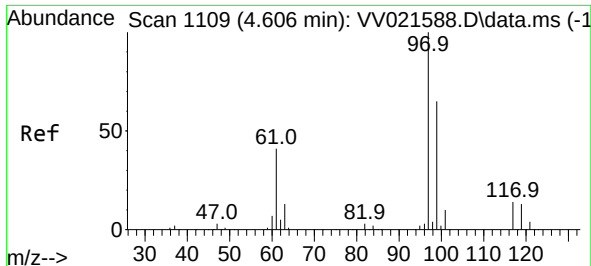
Tgt Ion: 84 Resp: 98458
Ion Ratio Lower Upper
84 100
86 63.2 45.1 83.9
49 117.5 82.5 153.3



#17
trans-1,2-Dichloroethene
Concen: 42.578 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.003 min
Lab File: VV021591.D
Acq: 02 Jul 2021 11:22

Tgt Ion: 96 Resp: 142008
Ion Ratio Lower Upper
96 100
61 132.6 93.0 172.6
98 63.8 44.2 82.0



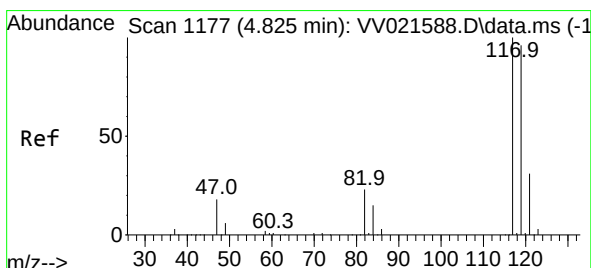
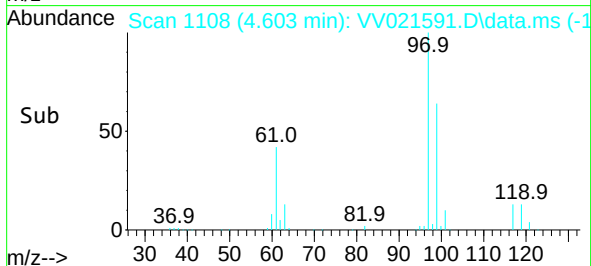
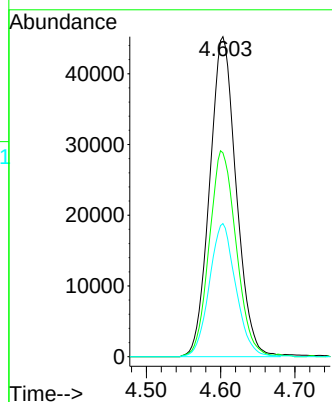
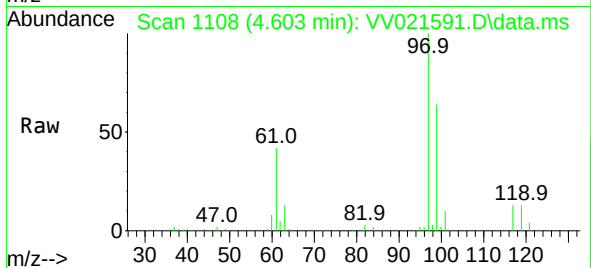


#30

1,1,1-Trichloroethane
Concen: 19.939 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. -0.003 min
Lab File: VV021591.D
Acq: 02 Jul 2021 11:22

Instrument :
MSVOA_V
ClientSampleId :
DBK58

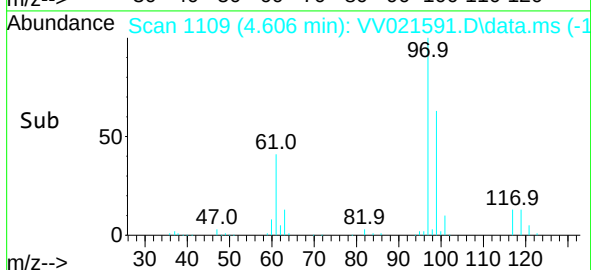
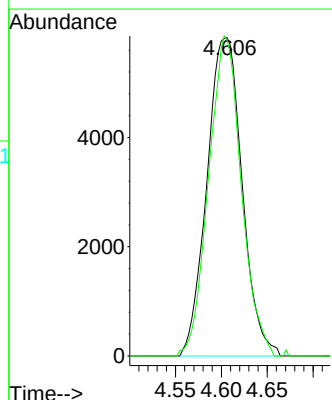
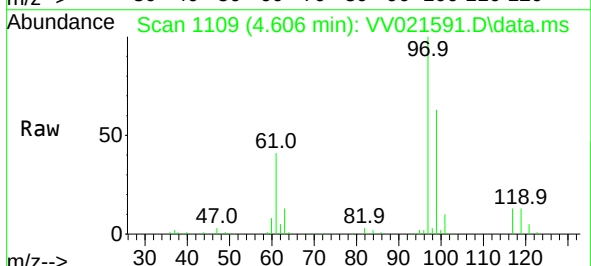
Tgt Ion: 97 Resp: 112259
Ion Ratio Lower Upper
97 100
99 65.4 52.1 78.1
61 41.4 32.6 49.0

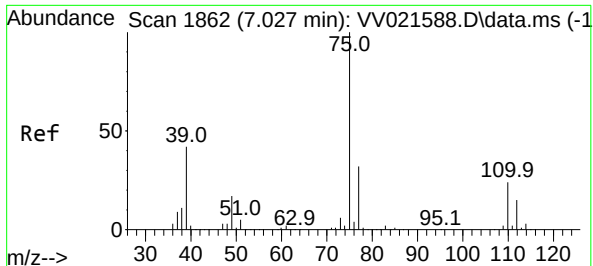


#31

Carbon tetrachloride
Concen: 3.134 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. -0.218 min
Lab File: VV021591.D
Acq: 02 Jul 2021 11:22

Tgt Ion: 117 Resp: 15539
Ion Ratio Lower Upper
117 100
119 93.4 76.5 114.7

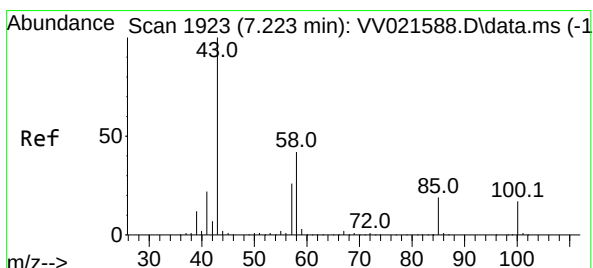
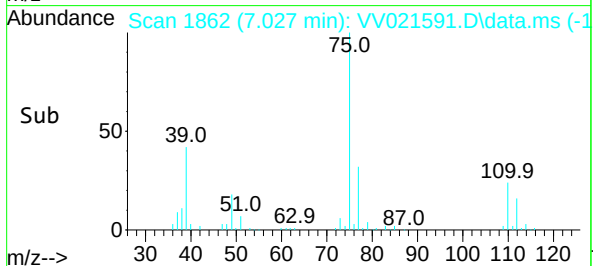
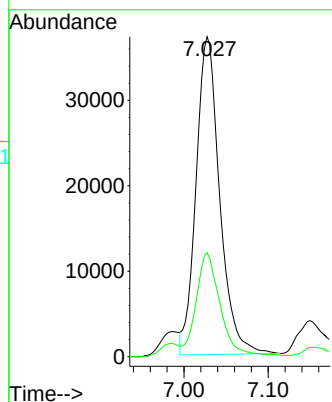
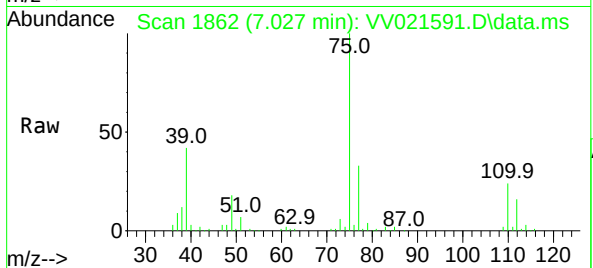




#39
cis-1,3-Dichloropropene
Concen: 12.413 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. 0.000 min
Lab File: VV021591.D
Acq: 02 Jul 2021 11:22

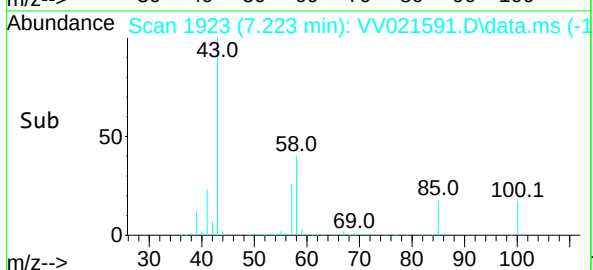
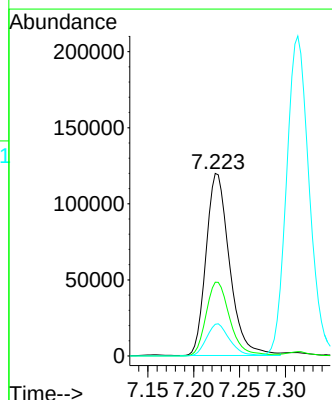
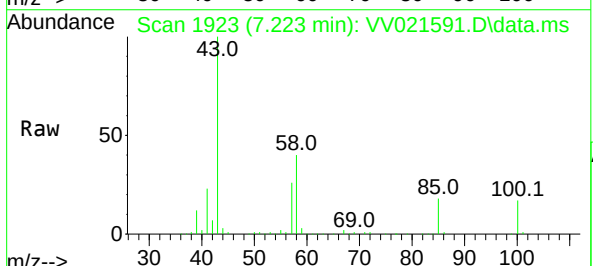
Instrument :
MSVOA_V
ClientSampleId :
DBK58

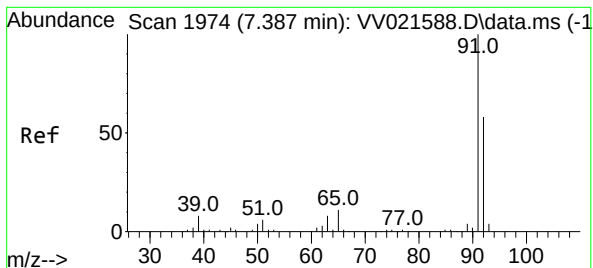
Tgt Ion: 75 Resp: 72512
Ion Ratio Lower Upper
75 100
77 32.6 22.5 41.7



#40
4-Methyl-2-pentanone
Concen: 41.067 ug/L
RT: 7.223 min Scan# 1923
Delta R.T. 0.000 min
Lab File: VV021591.D
Acq: 02 Jul 2021 11:22

Tgt Ion: 43 Resp: 213549
Ion Ratio Lower Upper
43 100
58 41.0 32.8 49.2
100 17.3 13.5 20.3





#42

Toluene

Concen: 20.987 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV021591.D

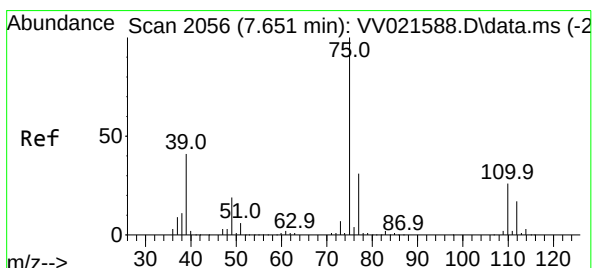
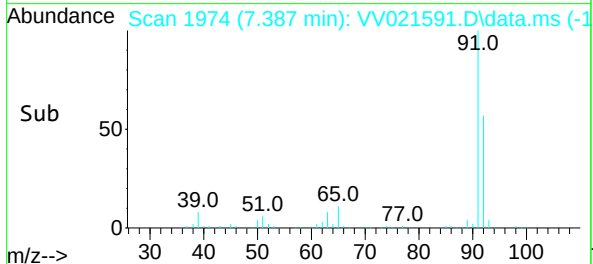
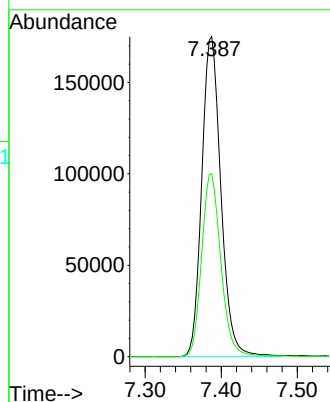
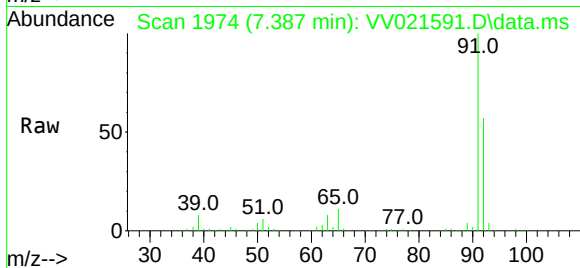
Acq: 02 Jul 2021 11:22

Tgt Ion: 91 Resp: 306364

Ion Ratio Lower Upper

91 100

92 57.2 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 12.147 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV021591.D

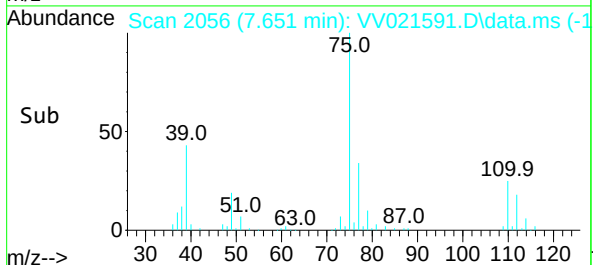
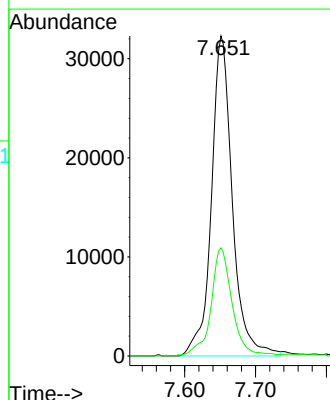
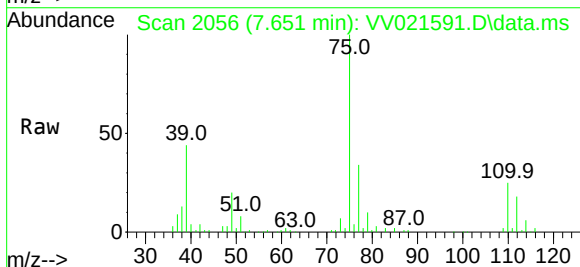
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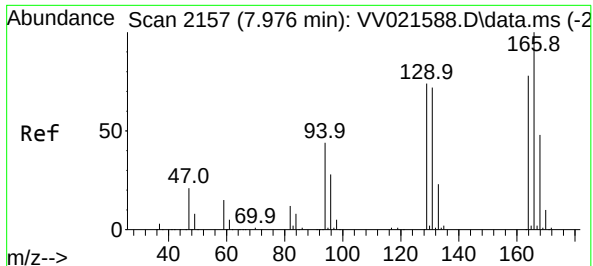
Tgt Ion: 75 Resp: 66262

Ion Ratio Lower Upper

75 100

77 33.8 21.8 40.4

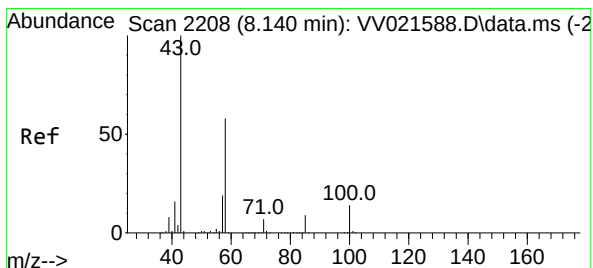
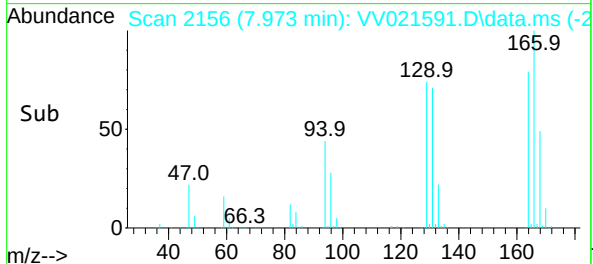
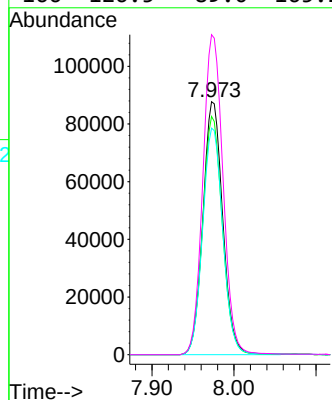
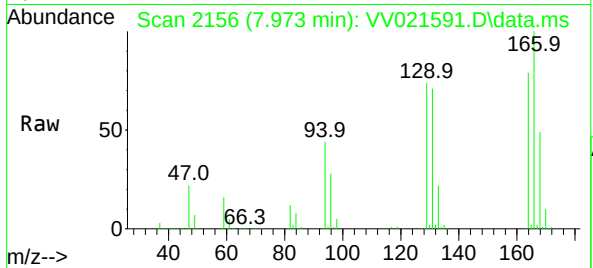




#46
Tetrachloroethene
Concen: 50.270 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.003 min
Lab File: VV021591.D
Acq: 02 Jul 2021 11:22

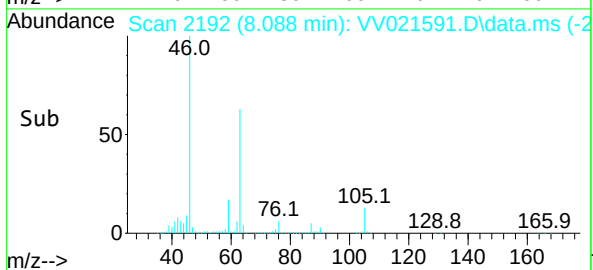
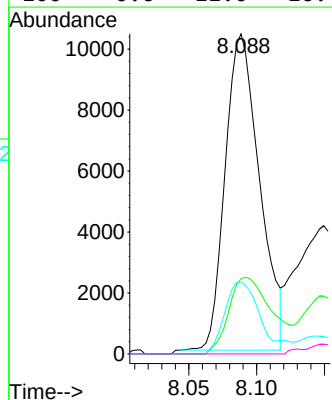
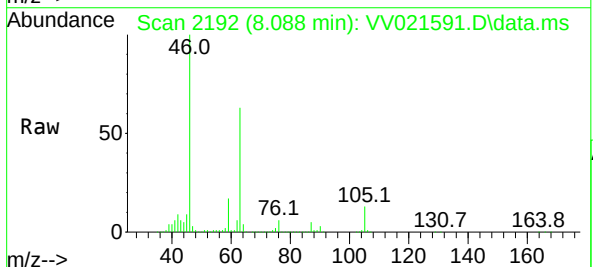
Instrument :
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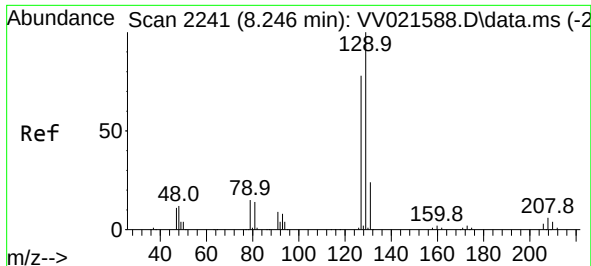
Tgt Ion:164 Resp: 147289
Ion Ratio Lower Upper
164 100
129 94.2 65.9 122.3
131 89.5 64.0 119.0
166 126.5 89.0 165.2



#48
2-Hexanone
Concen: 4.447 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.051 min
Lab File: VV021591.D
Acq: 02 Jul 2021 11:22

Tgt Ion: 43 Resp: 18279
Ion Ratio Lower Upper
43 100
58 31.0 46.7 70.1#
57 22.3 15.5 23.3
100 0.6 11.0 16.4#

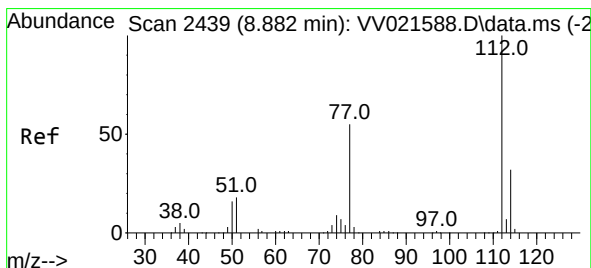
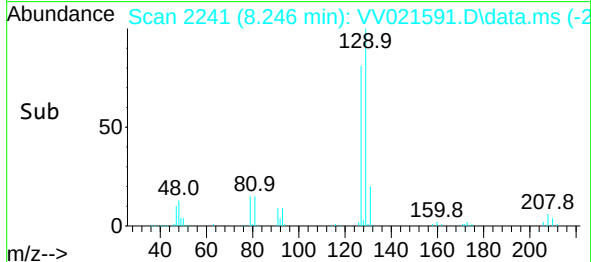
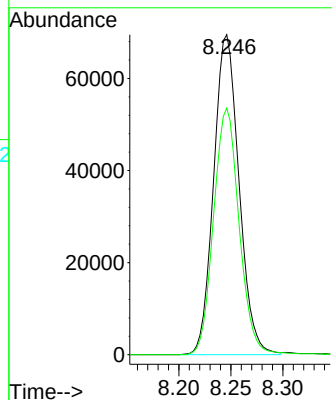
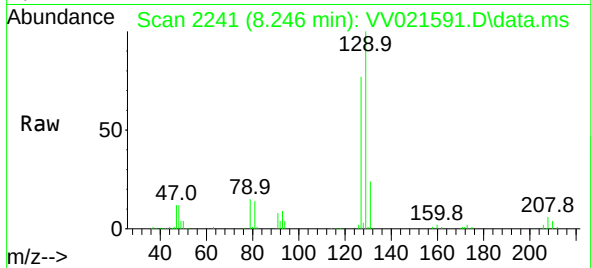




#49
Dibromochloromethane
Concen: 29.473 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV021591.D
Acq: 02 Jul 2021 11:22

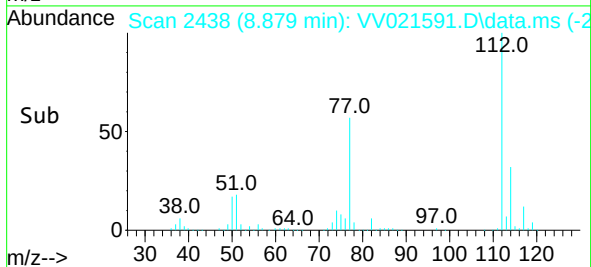
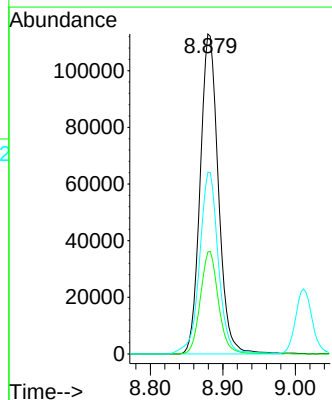
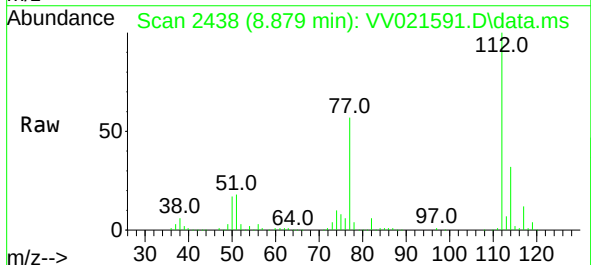
Instrument :
MSVOA_V
ClientSampleId :
DBK58

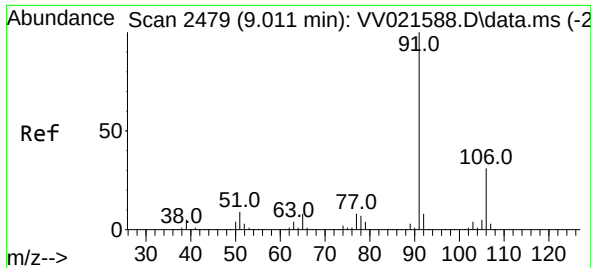
Tgt Ion:129 Resp: 118119
Ion Ratio Lower Upper
129 100
127 77.0 53.1 98.7



#51
Chlorobenzene
Concen: 20.736 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VV021591.D
Acq: 02 Jul 2021 11:22

Tgt Ion:112 Resp: 196978
Ion Ratio Lower Upper
112 100
114 31.9 21.9 40.7
77 56.8 44.0 66.0

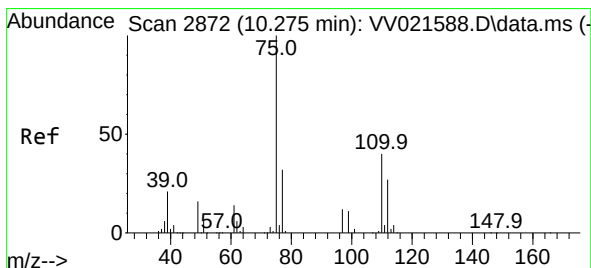
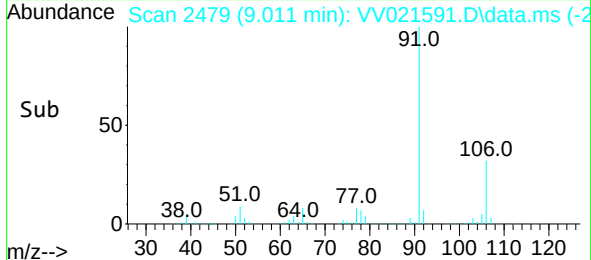
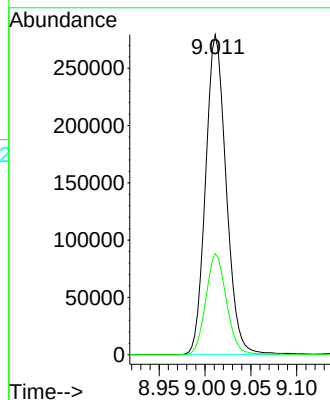
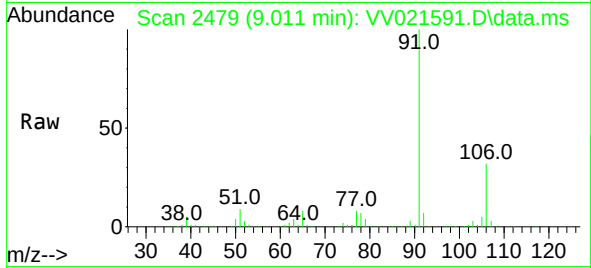




#52
Ethylbenzene
Concen: 27.579 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV021591.D
Acq: 02 Jul 2021 11:22

Instrument :
MSVOA_V
ClientSampled :
DBK58

Tgt Ion: 91 Resp: 437376
Ion Ratio Lower Upper
91 100
106 31.6 21.8 40.6



#61
1,2,3-Trichloropropane
Concen: 1.215 ug/L
RT: 10.352 min Scan# 2896
Delta R.T. 0.077 min
Lab File: VV021591.D
Acq: 02 Jul 2021 11:22

Tgt Ion: 75 Resp: 5327
Ion Ratio Lower Upper
75 100
77 692.3 25.8 38.8#
110 1.4 33.0 49.6#

