

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
 Data File : VV021591.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)

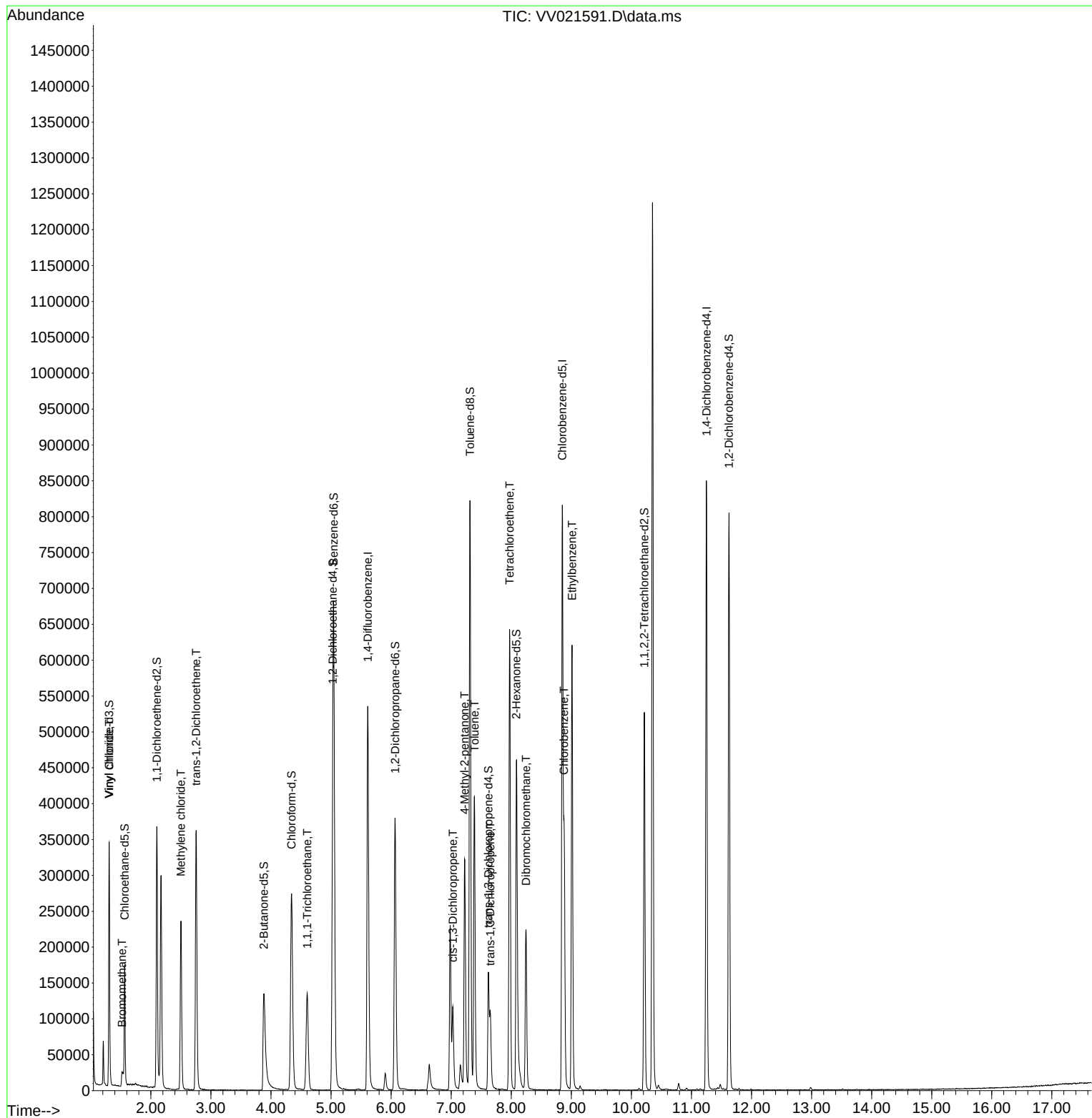
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	478692	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	447817	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	226891	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	131139	43.299	ug/L	0.00
Spiked Amount	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
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
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

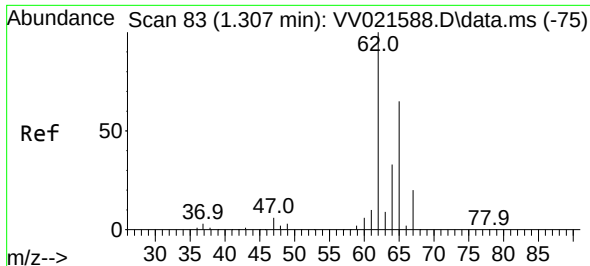
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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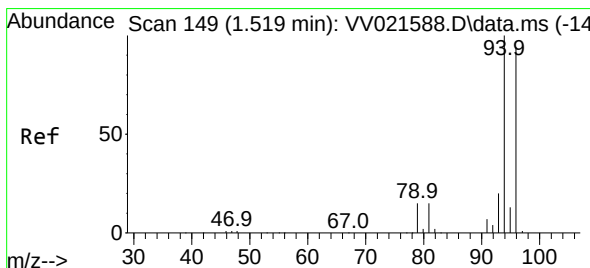
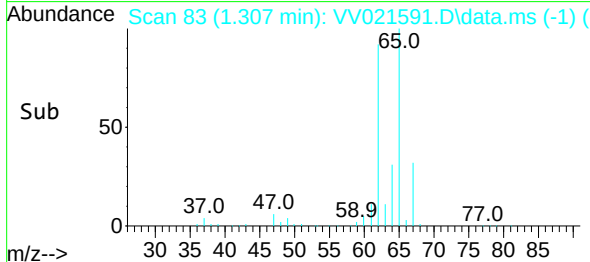
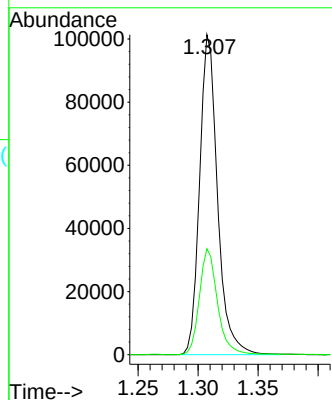
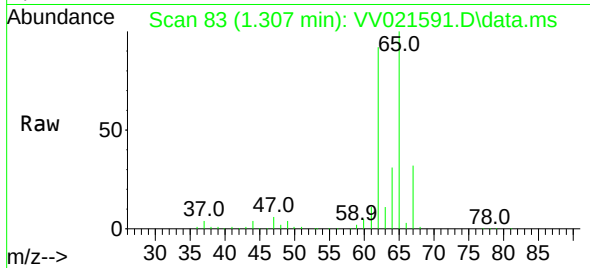




#5
 Vinyl chloride
 Concen: 26.771 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV021591.D
 Acq: 02 Jul 2021 11:22

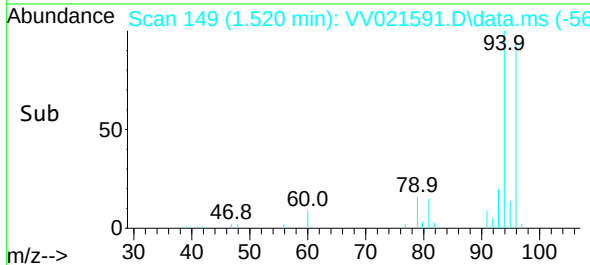
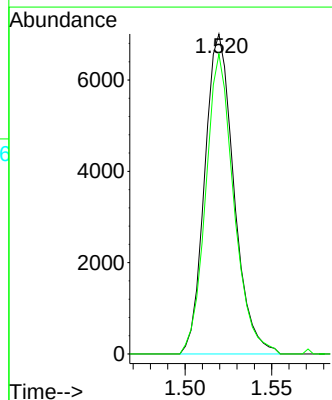
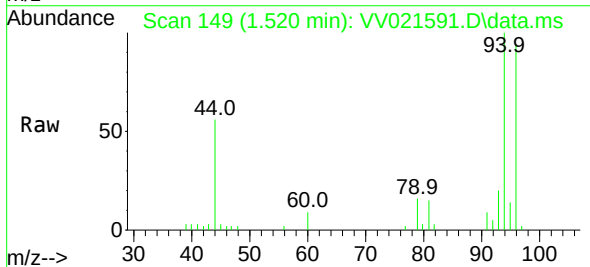
Instrument :
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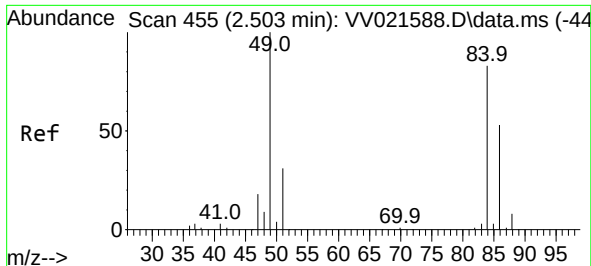
Tgt Ion: 62 Resp: 105639
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.3 43.3



#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

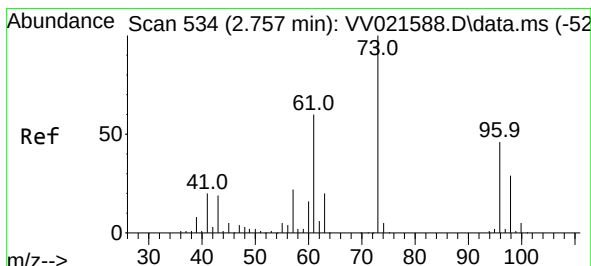
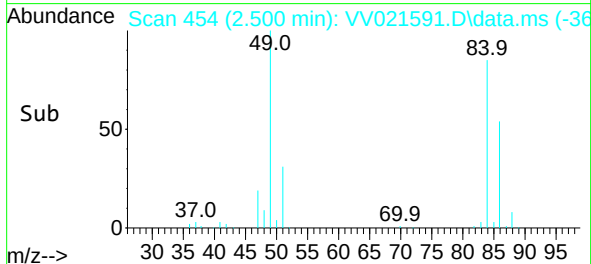
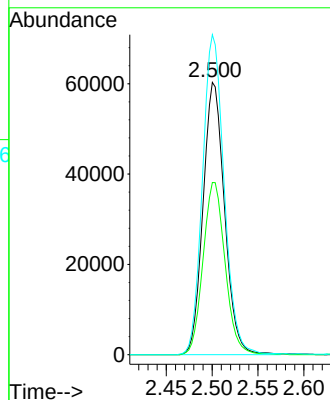
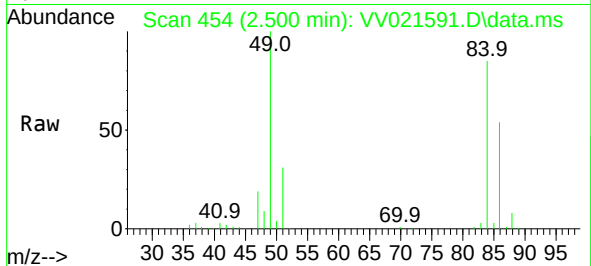




#16
Methylene chloride
Concen: 26.530 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.003 min
Lab File: VV021591.D
Acq: 02 Jul 2021 11:22

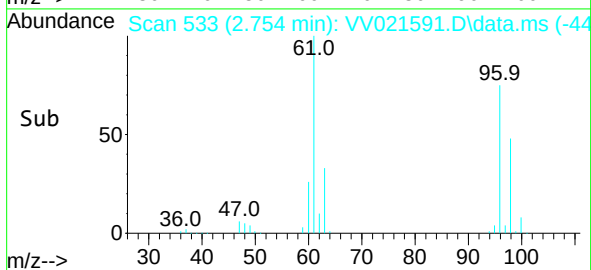
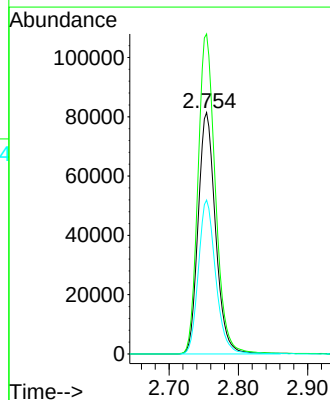
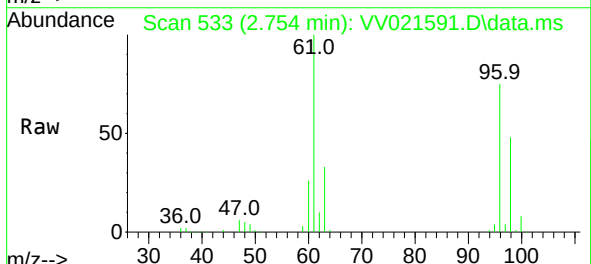
Instrument :
MSVOA_V
ClientSampleId :
DBK58

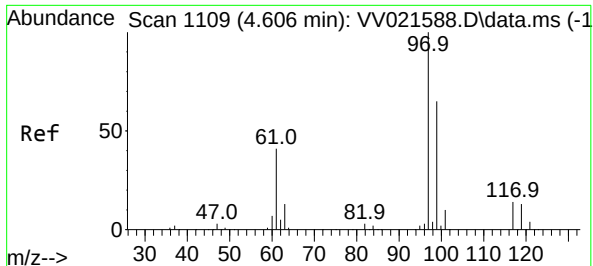
Tgt Ion: 84 Resp: 98458
Ion Ratio Lower Upper
84 100
86 63.2 45.1 83.9
49 117.5 82.5 153.3



#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



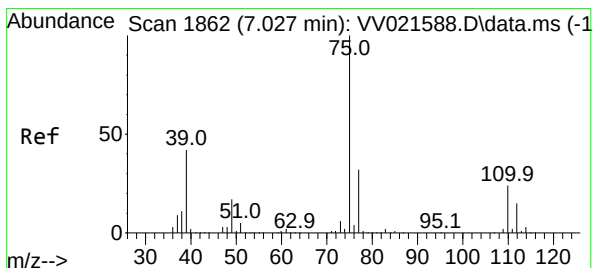
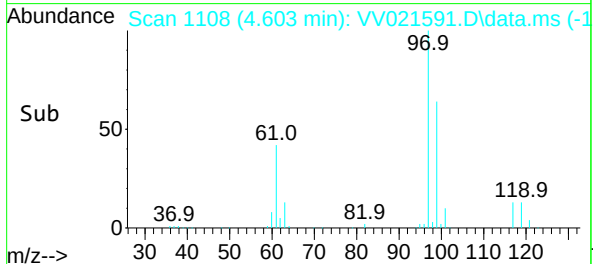
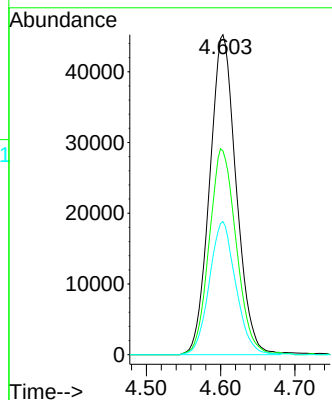
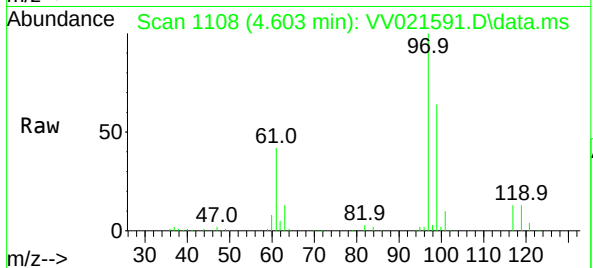


#30

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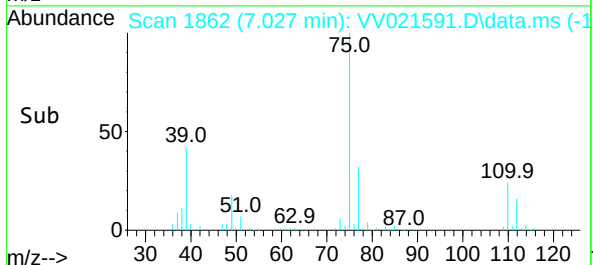
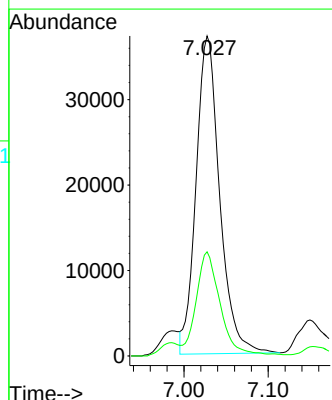
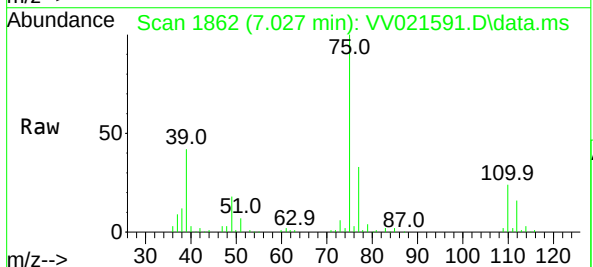
Tgt Ion: 97 Resp: 112259
Ion Ratio Lower Upper
97 100
99 65.4 52.1 78.1
61 41.4 32.6 49.0

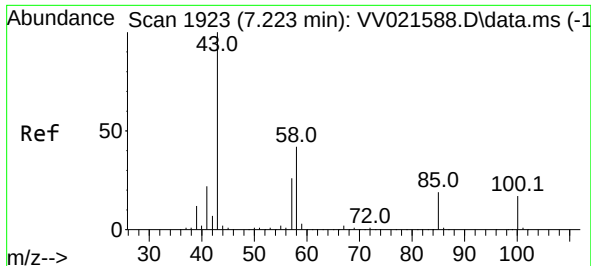


#39

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

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

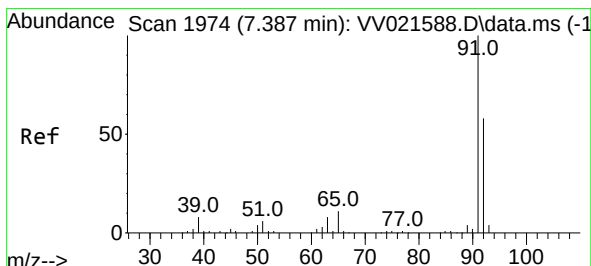
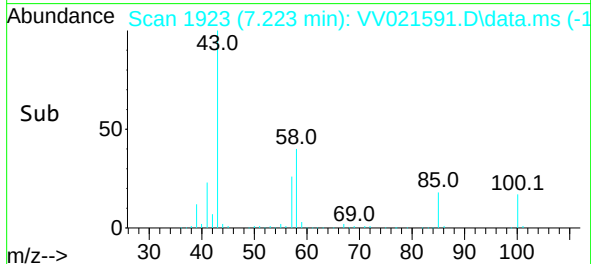
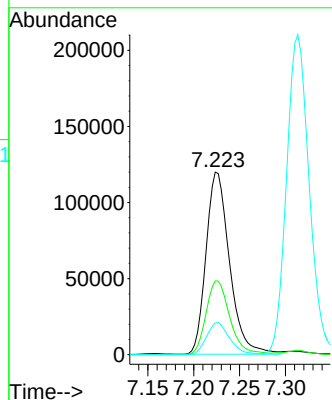
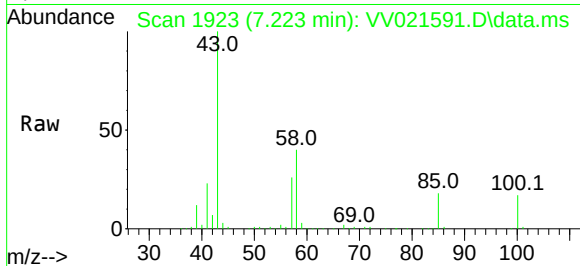




#40
4-Methyl-2-pentanone
Concen: 41.067 ug/L
RT: 7.223 min Scan# 1923
Delta R.T. 0.000 min
Lab File: VV021591.D
Acq: 02 Jul 2021 11:22

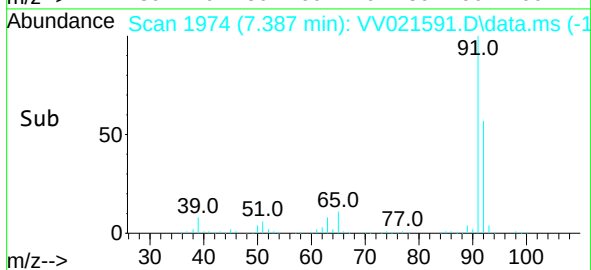
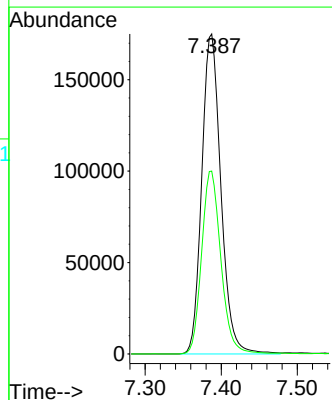
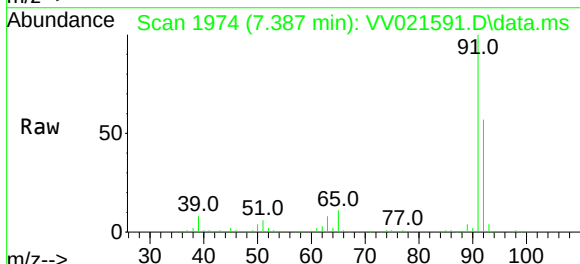
Instrument :
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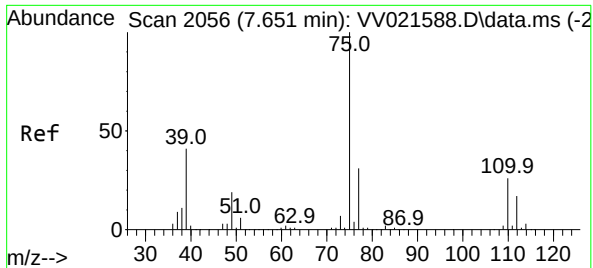
Tgt Ion:	43	Resp:	213549
Ion	Ratio	Lower	Upper
43	100		
58	41.0	32.8	49.2
100	17.3	13.5	20.3



#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

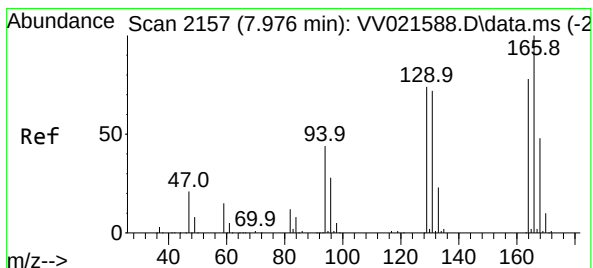
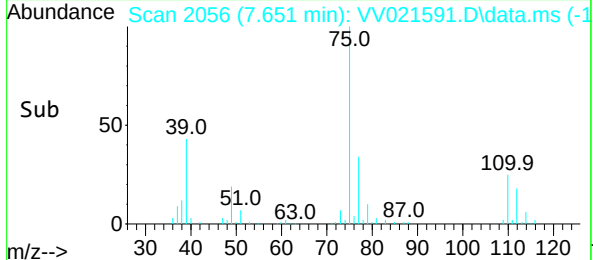
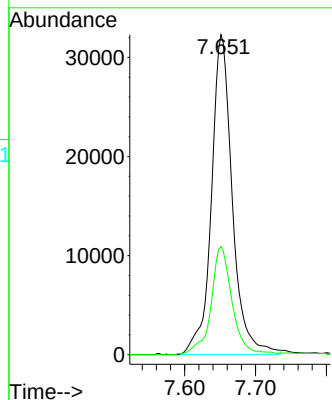
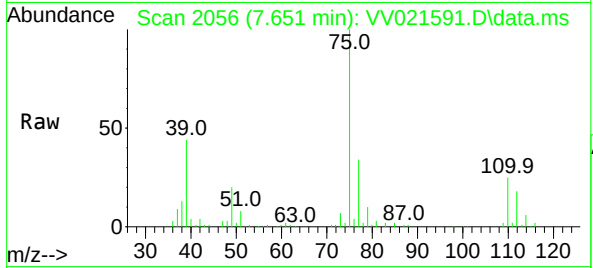




#44
trans-1,3-Dichloropropene
Concen: 12.147 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VV021591.D
Acq: 02 Jul 2021 11:22

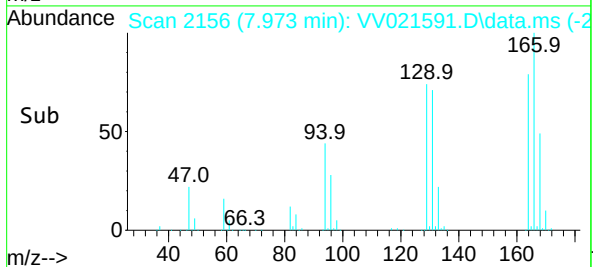
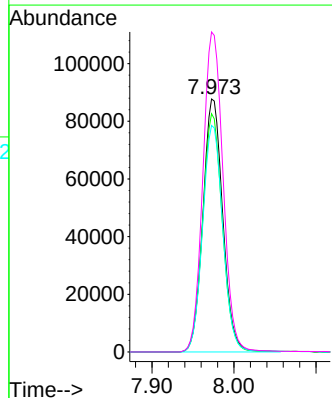
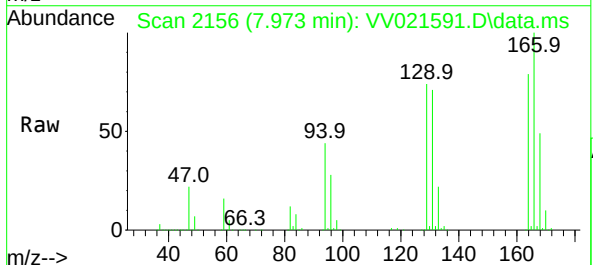
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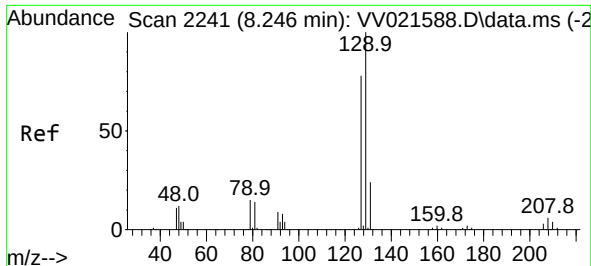
Tgt Ion: 75 Resp: 66262
Ion Ratio Lower Upper
75 100
77 33.8 21.8 40.4



#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

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

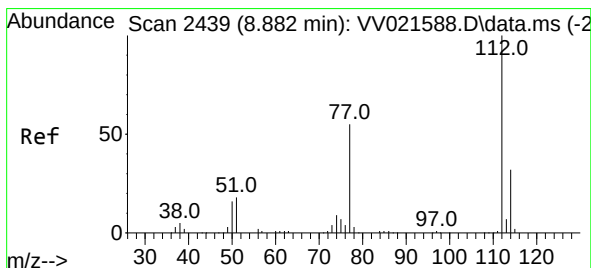
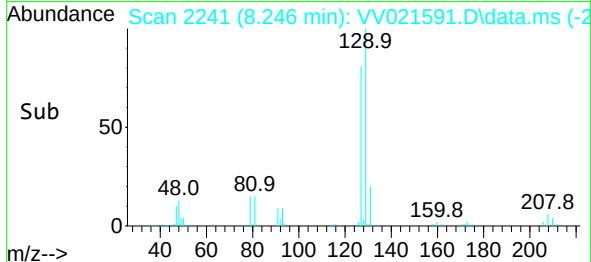
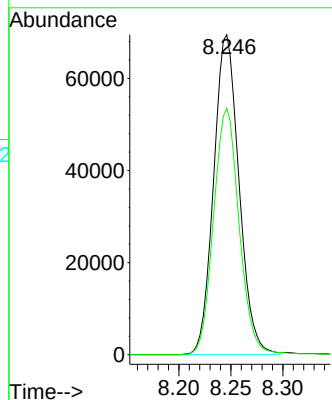
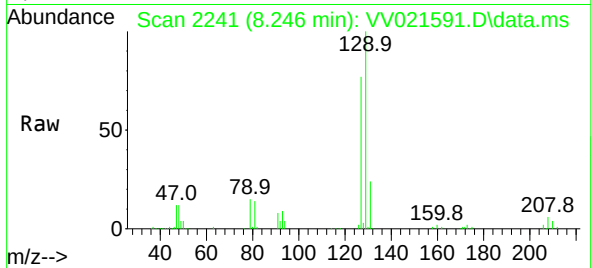




#49
Dibromochloromethane
Concen: 29.473 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV021591.D
Acq: 02 Jul 2021 11:22

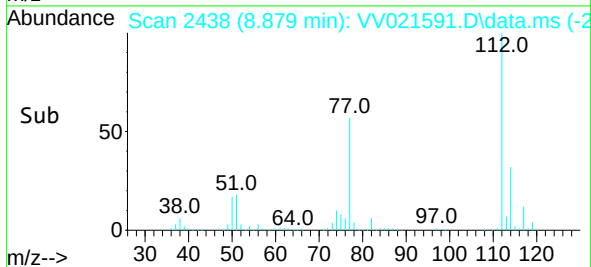
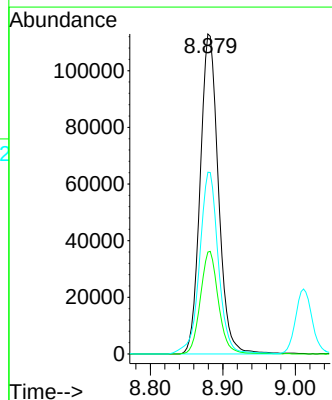
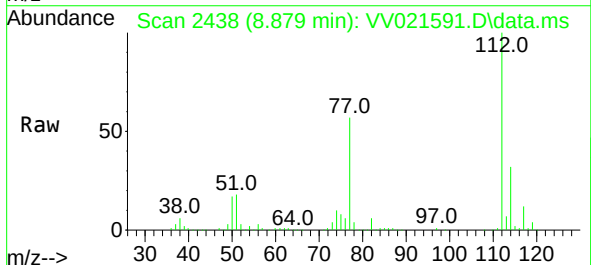
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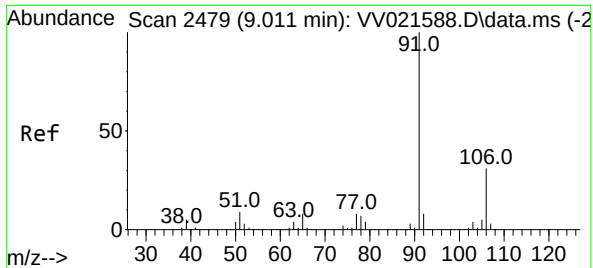
Tgt Ion:129 Resp: 118119
Ion Ratio Lower Upper
129 100
127 77.0 53.1 98.7



#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

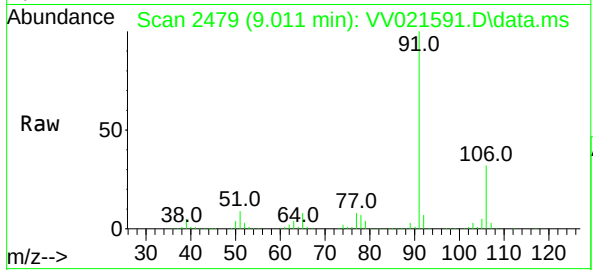
Tgt Ion:112 Resp: 196978
Ion Ratio Lower Upper
112 100
114 31.9 21.9 40.7
77 56.8 44.0 66.0





#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
ClientSampleId :
DBK58



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

