

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120921\
 Data File : VW023861.D
 Acq On : 09 Dec 2021 15:08
 Operator : SY/MD
 Sample : M4984-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW5S1

Quant Time: Dec 10 00:42:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

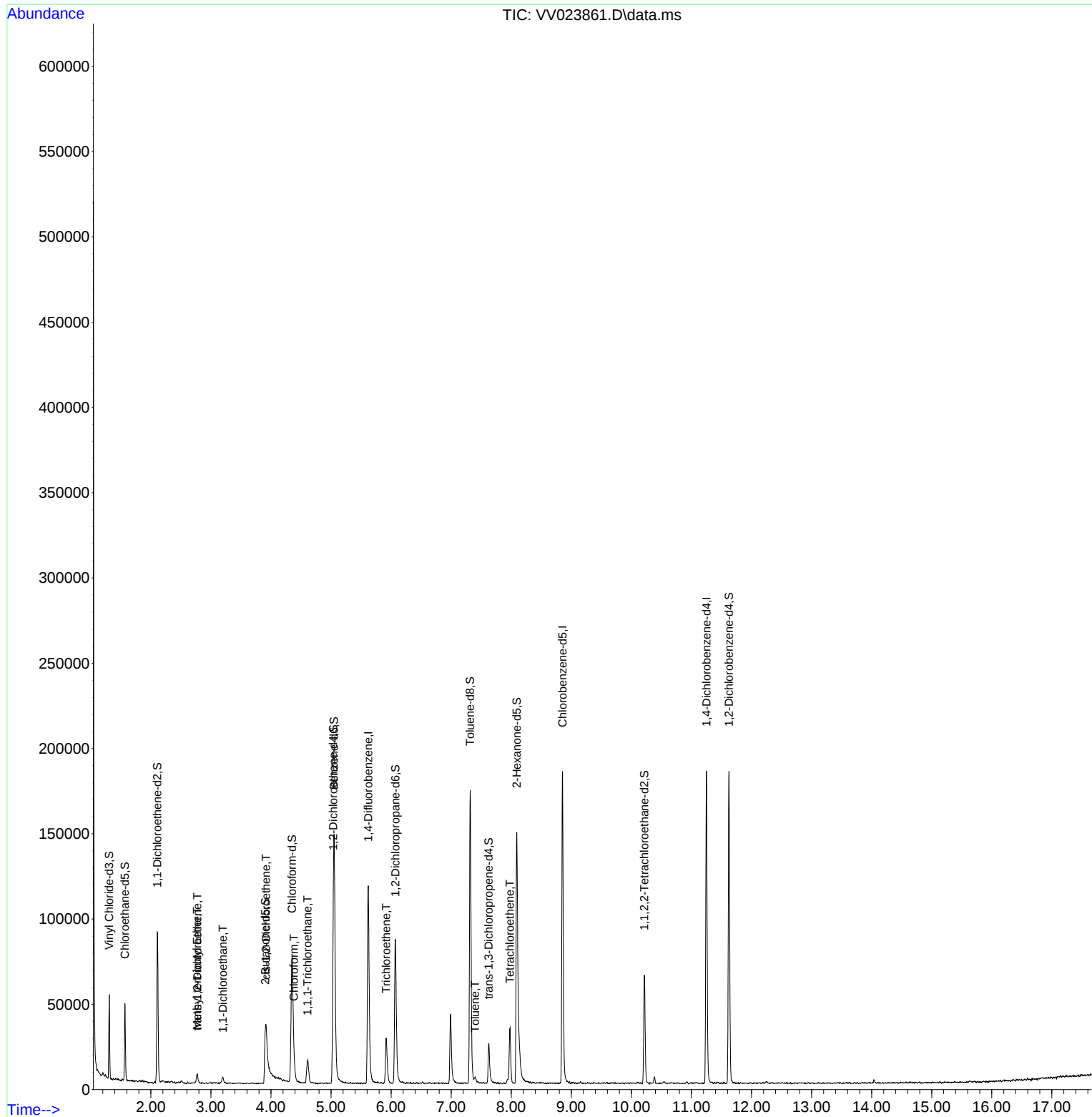
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	104067	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	103191	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49962	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	28472	3.333	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	66.600%	
7) Chloroethane-d5	1.568	69	26207	3.903	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.000%	
11) 1,1-Dichloroethene-d2	2.108	63	44627	2.964	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	59.200%#	
20) 2-Butanone-d5	3.905	46	45663	44.462	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	88.920%	
24) Chloroform-d	4.349	84	73495	4.940	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.800%	
26) 1,2-Dichloroethane-d4	5.037	65	34876	5.018	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.400%	
32) Benzene-d6	5.050	84	131330	4.672	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
36) 1,2-Dichloropropane-d6	6.072	67	39452	5.006	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.200%	
41) Toluene-d8	7.317	98	114485	4.359	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.200%	
43) trans-1,3-Dichloroprop...	7.625	79	14168	4.460	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.200%	
46) 2-Hexanone-d5	8.091	63	64085	60.721	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	121.440%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28835	5.085	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	49486	5.602	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	112.000%	
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	2.770	73	3795	0.266	ug/L #	93
18) trans-1,2-Dichloroethene	2.773	96	957	0.121	ug/L	82
19) 1,1-Dichloroethane	3.198	63	3964	0.297	ug/L	96
22) cis-1,2-Dichloroethene	3.915	96	8750	1.149	ug/L	98
25) Chloroform	4.381	83	7734	0.520	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	11031	0.818	ug/L	98
34) Trichloroethene	5.918	95	8674	1.101	ug/L	96
42) Toluene	7.400	91	2034	0.064	ug/L #	66
47) Tetrachloroethene	7.979	164	6919	0.965	ug/L	88

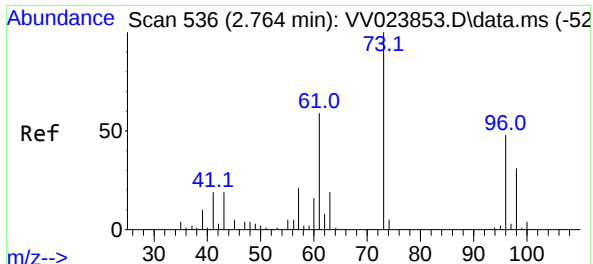
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 02 02:08:23 2021
Response via : Initial Calibration





#17

Methyl tert-butyl Ether

Concen: 0.266 ug/L

RT: 2.770 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV023861.D

Acq: 09 Dec 2021 15:08

Instrument :

MSVOA_V

ClientSampleId :

EW5S1

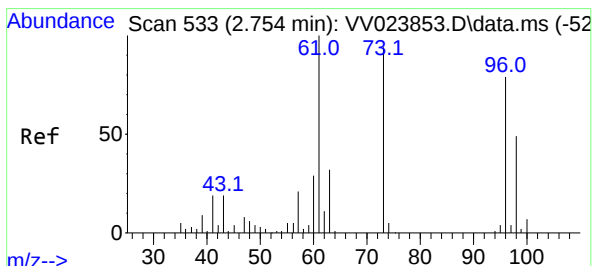
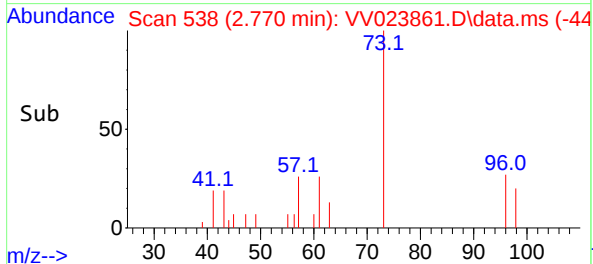
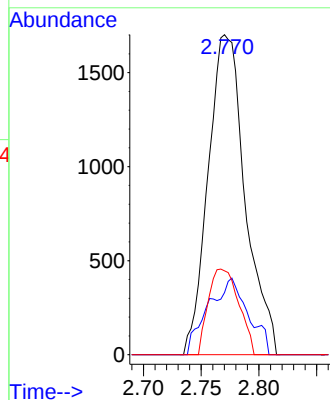
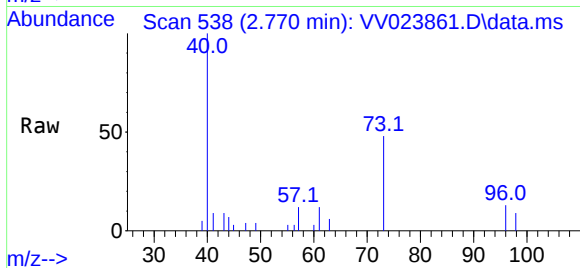
Tgt Ion: 73 Resp: 3795

Ion Ratio Lower Upper

73 100

43 25.8 15.5 23.3#

57 22.0 17.1 25.7



#18

trans-1,2-Dichloroethene

Concen: 0.121 ug/L

RT: 2.773 min Scan# 539

Delta R.T. 0.016 min

Lab File: VV023861.D

Acq: 09 Dec 2021 15:08

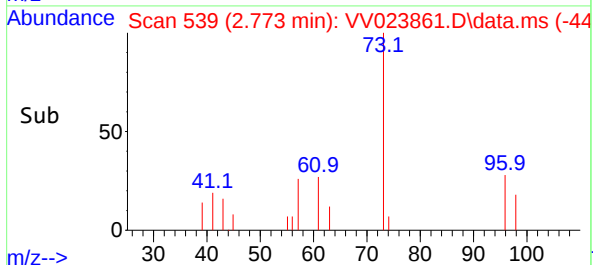
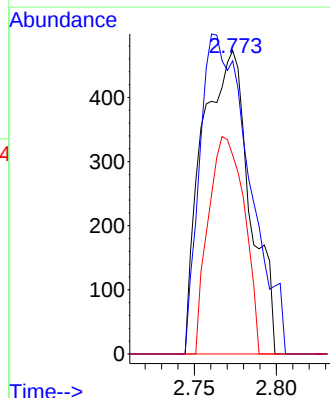
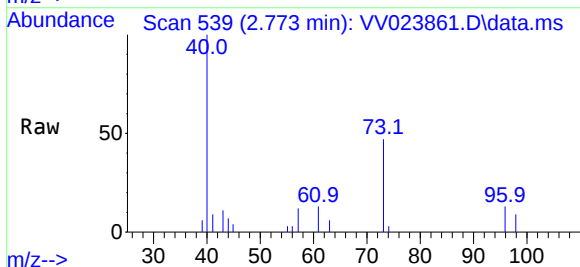
Tgt Ion: 96 Resp: 957

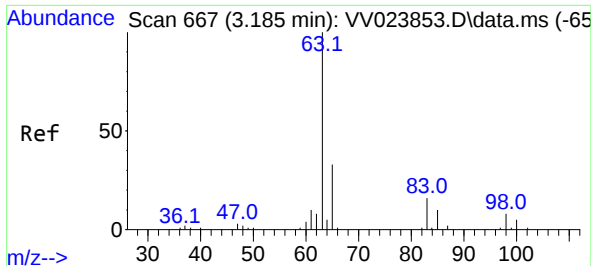
Ion Ratio Lower Upper

96 100

61 96.6 88.2 163.8

98 65.5 44.9 83.5

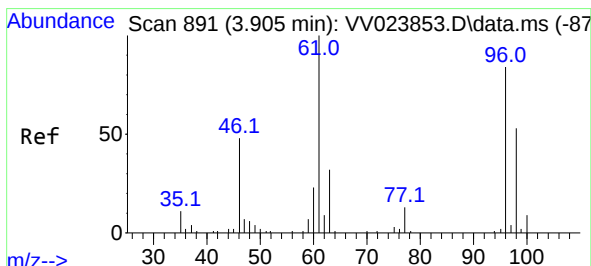
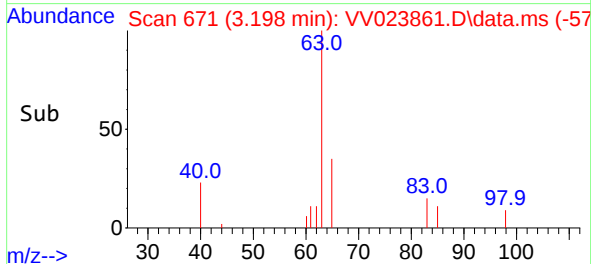
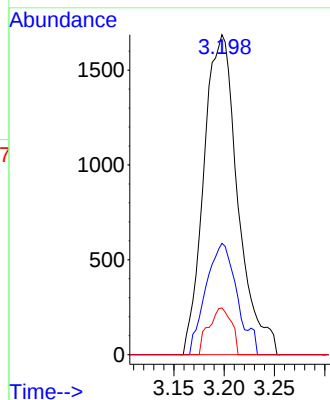
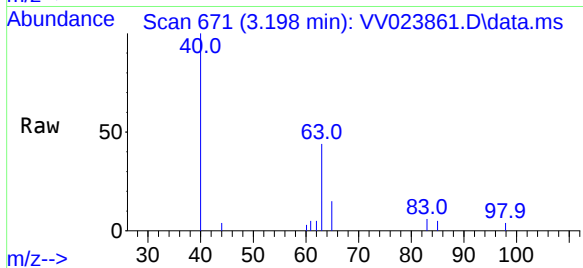




#19
1,1-Dichloroethane
Concen: 0.297 ug/L
RT: 3.198 min Scan# 61
Delta R.T. 0.013 min
Lab File: VV023861.D
Acq: 09 Dec 2021 15:08

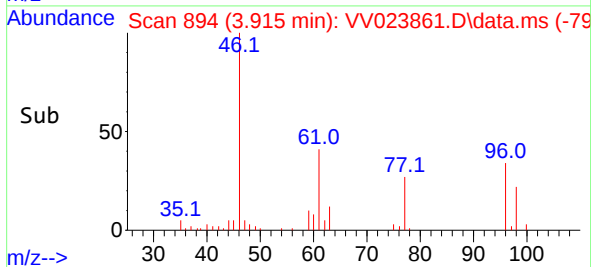
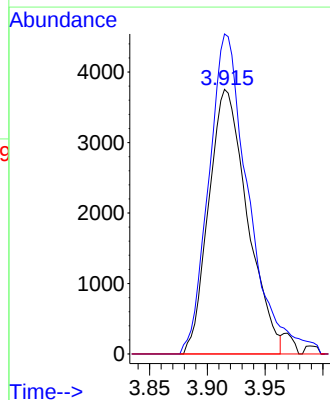
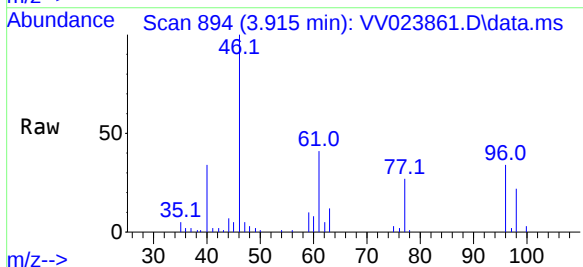
Instrument :
MSVOA_V
ClientSampleId :
EW5S1

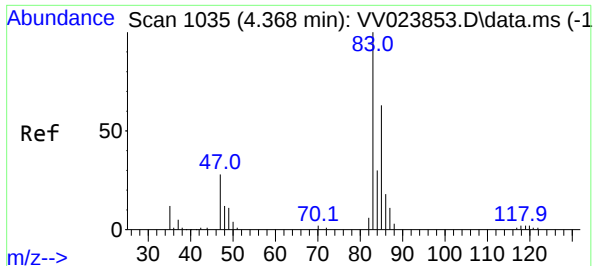
Tgt Ion: 63 Resp: 3964
Ion Ratio Lower Upper
63 100
65 34.8 22.3 41.3
83 14.6 10.7 19.9



#22
cis-1,2-Dichloroethene
Concen: 1.149 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV023861.D
Acq: 09 Dec 2021 15:08

Tgt Ion: 96 Resp: 8750
Ion Ratio Lower Upper
96 100
61 120.9 83.4 154.8
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.520 ug/L

RT: 4.381 min Scan# 1109

Delta R.T. 0.010 min

Lab File: VV023861.D

Acq: 09 Dec 2021 15:08

Instrument :

MSVOA_V

ClientSampleId :

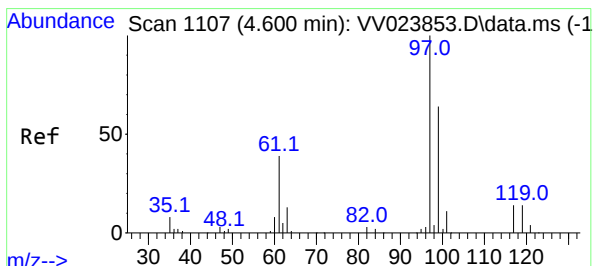
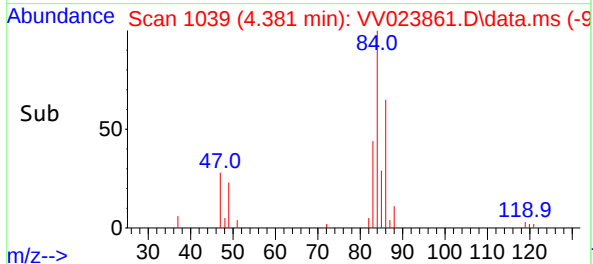
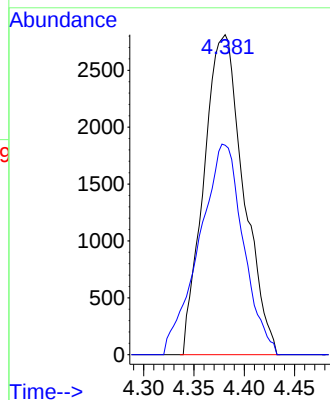
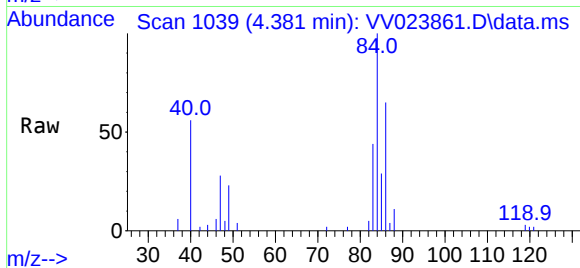
EW5S1

Tgt Ion: 83 Resp: 7734

Ion Ratio Lower Upper

83 100

85 65.4 45.2 84.0



#29

1,1,1-Trichloroethane

Concen: 0.818 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VV023861.D

Acq: 09 Dec 2021 15:08

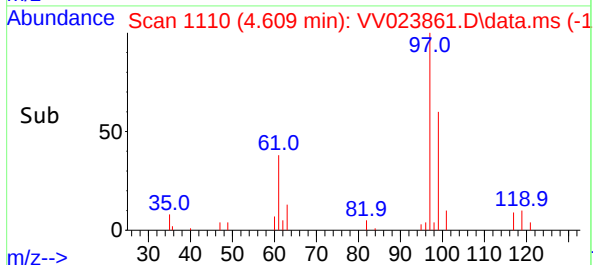
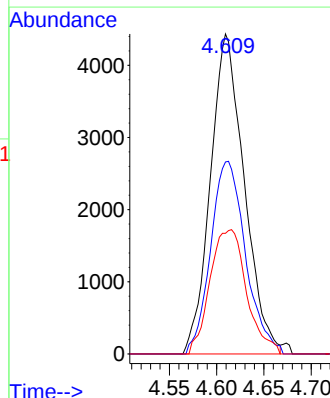
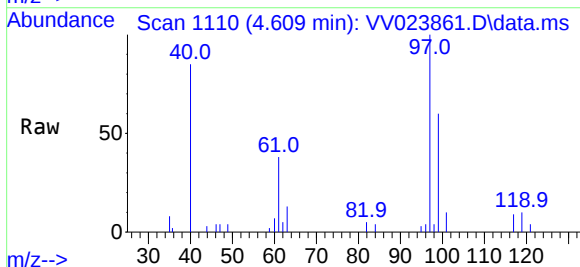
Tgt Ion: 97 Resp: 11031

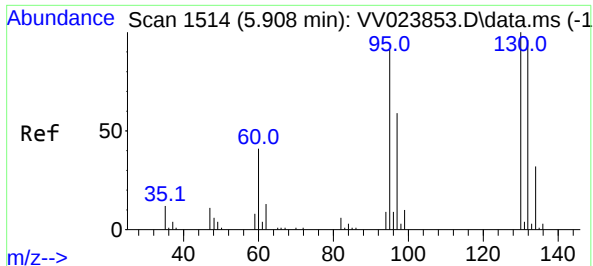
Ion Ratio Lower Upper

97 100

99 62.1 51.9 77.9

61 42.0 33.2 49.8





#34

Trichloroethene

Concen: 1.101 ug/L

RT: 5.918 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV023861.D

Acq: 09 Dec 2021 15:08

Instrument :

MSVOA_V

ClientSampleId :

EW5S1

Tgt Ion: 95 Resp: 8674

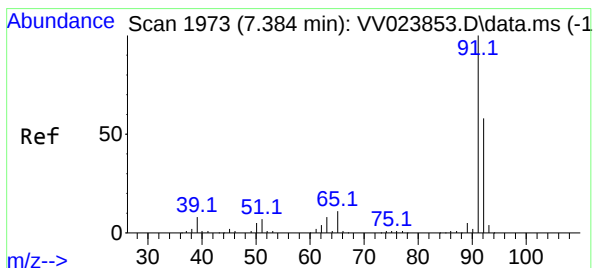
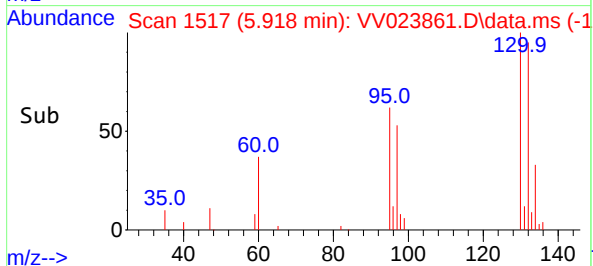
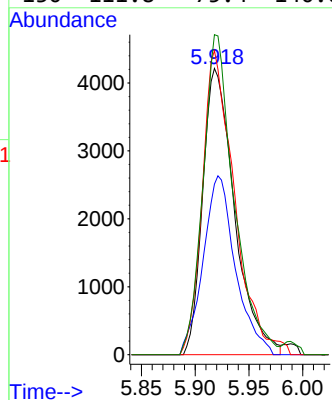
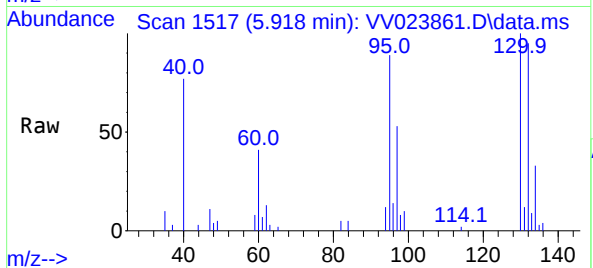
Ion Ratio Lower Upper

95 100

97 59.6 45.2 84.0

132 106.2 76.1 141.3

130 111.8 75.4 140.0



#42

Toluene

Concen: 0.064 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.016 min

Lab File: VV023861.D

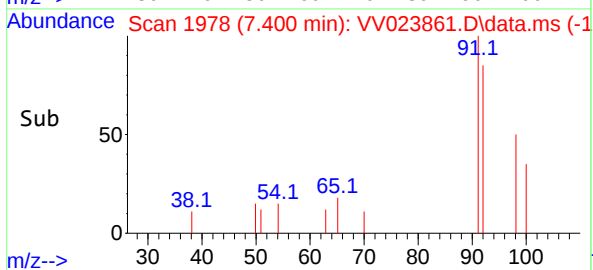
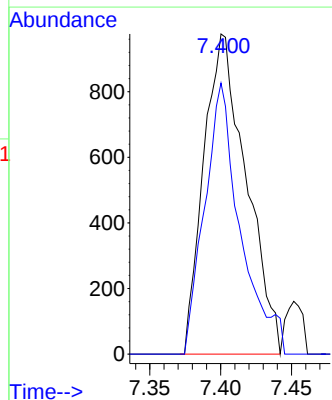
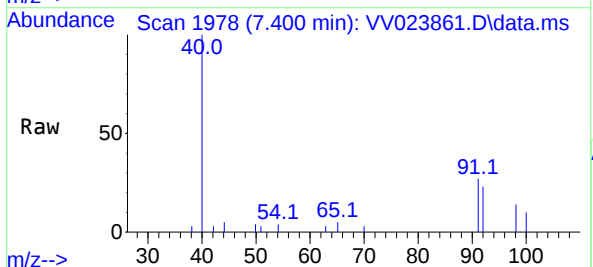
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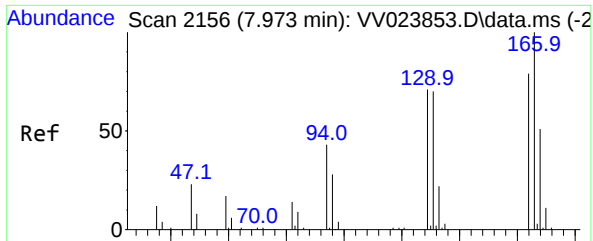
Tgt Ion: 91 Resp: 2034

Ion Ratio Lower Upper

91 100

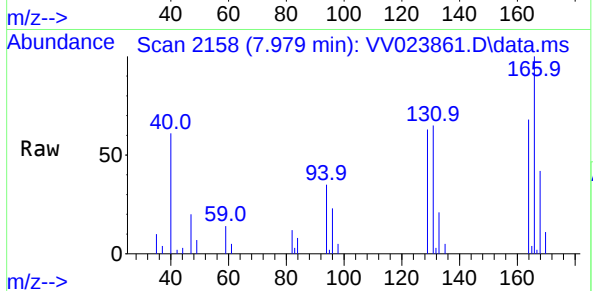
92 84.6 41.5 77.1#





#47
 Tetrachloroethene
 Concen: 0.965 ug/L
 RT: 7.979 min Scan# 2158
 Delta R.T. 0.006 min
 Lab File: VV023861.D
 Acq: 09 Dec 2021 15:08

Instrument :
 MSVOA_V
 ClientSampleId :
 EW5S1



Tgt Ion:164 Resp: 6919

Ion	Ratio	Lower	Upper
164	100		
129	92.6	62.6	116.2
131	95.4	61.0	113.4
166	147.6	87.3	162.1

