

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091720\
 Data File : VV018274.D
 Acq On : 17 Sep 2020 13:28
 Operator : SY/MD
 Sample : L4042-08DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB9DL

Quant Time: Sep 18 06:19:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 18 06:17:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	310840	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	307203	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	148682	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	89253	35.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.46%
7) Chloroethane-d5	1.58	69	76703	37.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.00%
11) 1,1-Dichloroethene-d2	2.12	63	135948	29.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.52%#
21) 2-Butanone-d5	3.92	46	121989	78.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.68%
24) Chloroform-d	4.38	84	169797	38.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.26%
26) 1,2-Dichloroethane-d4	5.06	65	112419	39.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.80%
32) Benzene-d6	5.08	84	341444	38.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.66%
36) 1,2-Dichloropropane-d6	6.09	67	110193	39.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.86%
41) Toluene-d8	7.34	98	302301	37.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.44%#
43) trans-1,3-Dichloropropene-	7.64	79	51670	36.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.78%
47) 2-Hexanone-d5	8.11	63	87349	82.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.52%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	142714	40.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.38%
64) 1,2-Dichlorobenzene-d4	11.65	152	129276	42.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.68%

Target Compounds

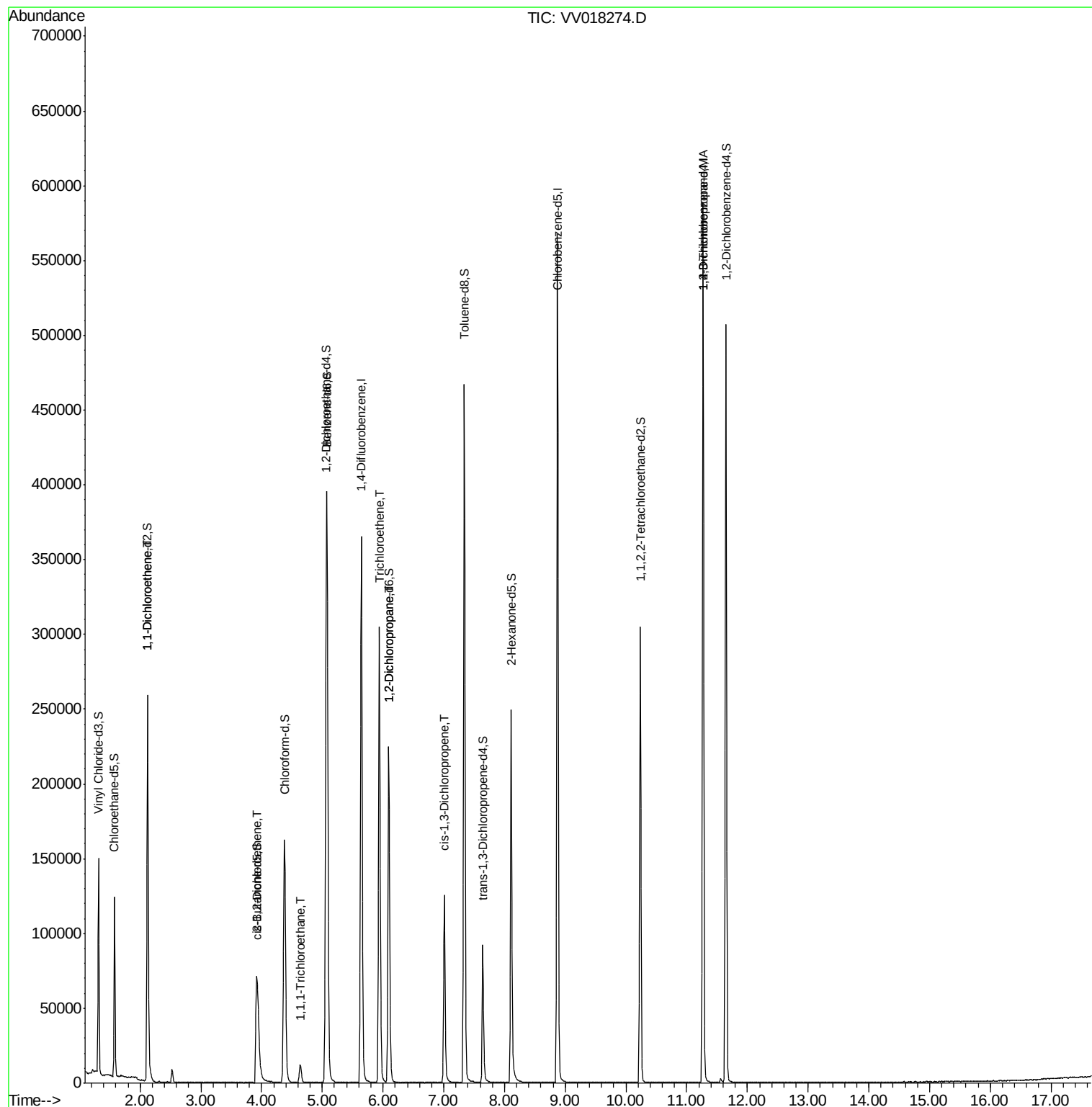
					Ovalue
12) 1,1-Dichloroethene	2.13	96	6688	3.277 ug/L #	1
20) cis-1,2-Dichloroethene	3.94	96	7695	3.422 ug/L	97
30) 1,1,1-Trichloroethane	4.64	97	9831	2.757 ug/L	96
34) Trichloroethene	5.94	95	107411	44.892 ug/L	99
37) 1,2-Dichloropropane	6.09	63	11755	5.051 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2984	0.832 ug/L #	66
59) 1,2,3-Trichloropropane	11.27	75	16785	6.131 ug/L	90

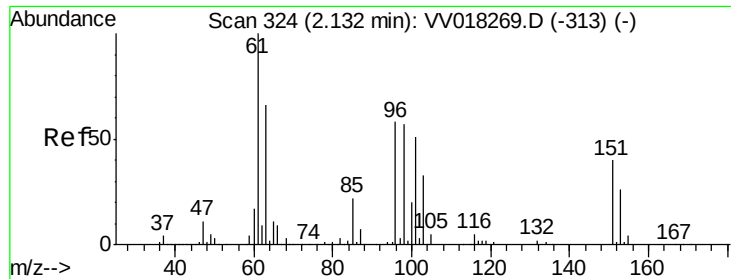
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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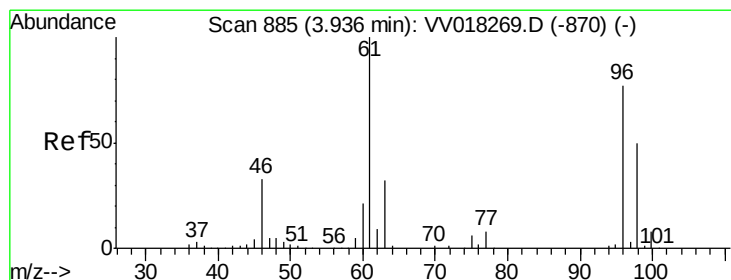
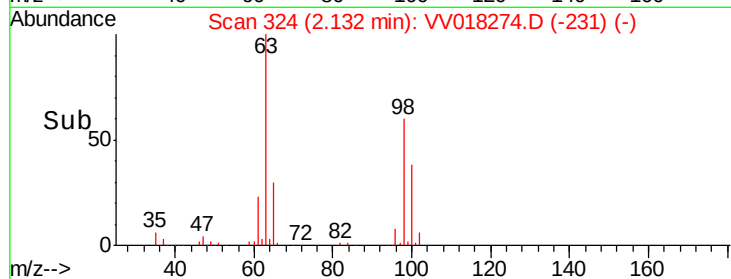
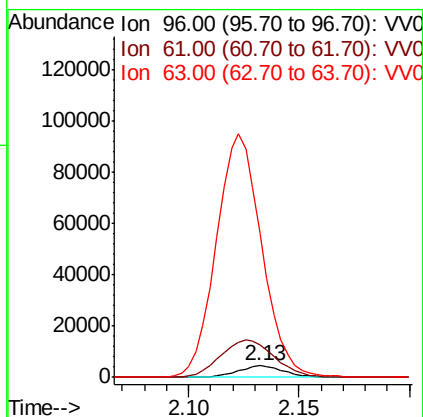
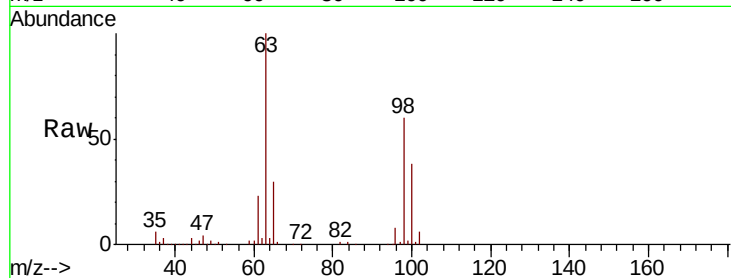




#12
 1,1-Dichloroethene
 Concen: 3.277 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. 0.00 min
 Lab File: VV018274.D
 Acq: 17 Sep 2020 13:28

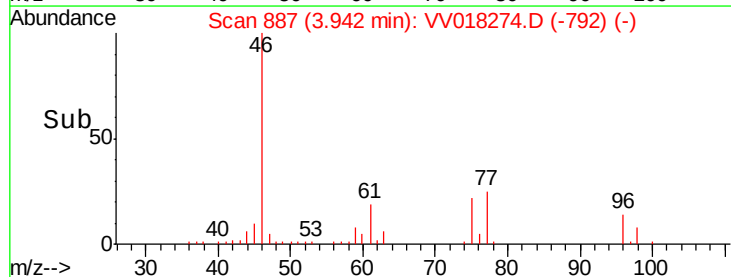
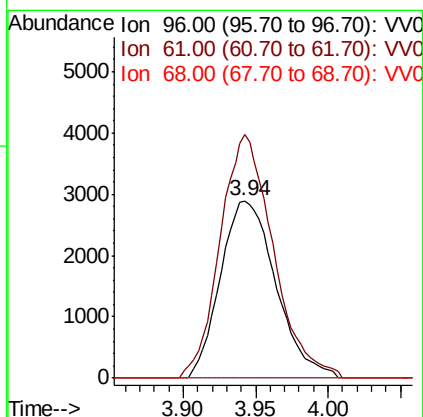
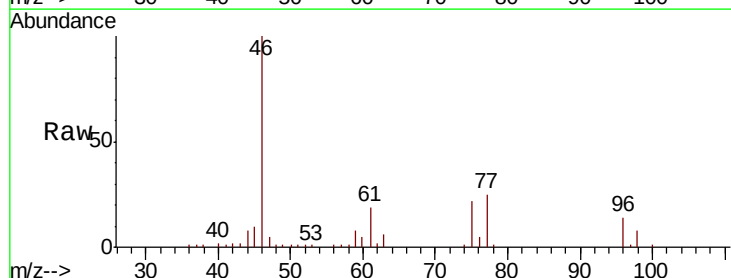
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB9DL

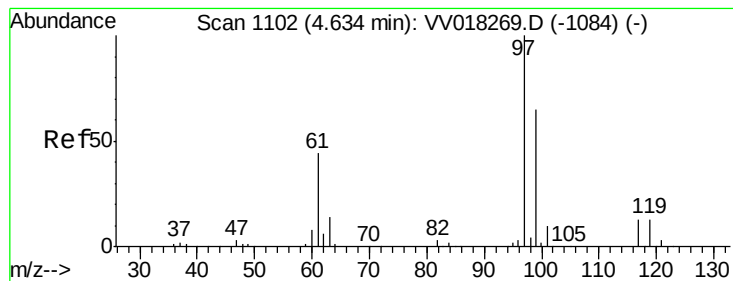
Tot Ion: 96 Resp: 6688
 Ion Ratio Lower Upper
 96 100
 61 286.2 122.9 228.3#
 63 1254.2 91.9 170.7#



#20
 cis-1,2-Dichloroethene
 Concen: 3.422 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV018274.D
 Acq: 17 Sep 2020 13:28

Tgt Ion: 96 Resp: 7695
 Ion Ratio Lower Upper
 96 100
 61 137.0 93.6 173.8
 68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 2.757 ug/L

RT: 4.64 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VV018274.D

Acq: 17 Sep 2020 13:28

Instrument :

MSVOA_V

ClientSampled :

C0AB9DL

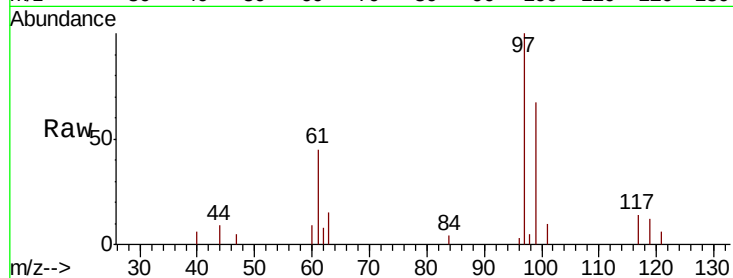
Tot Ion: 97 Resp: 9831

Ion Ratio Lower Upper

97 100

99 67.3 51.6 77.4

61 45.8 34.9 52.3

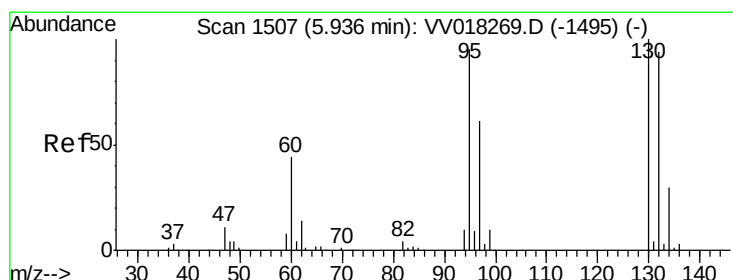
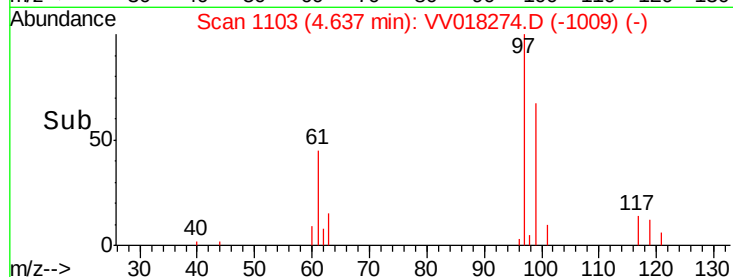
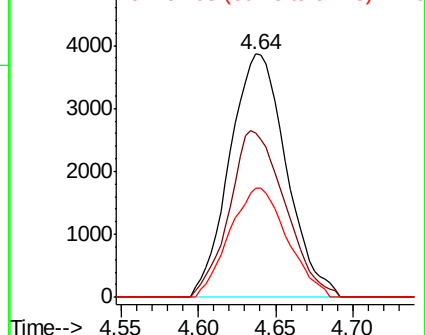


Abundance

Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 61.05 (60.75 to 61.75): VV0



#34

Trichloroethene

Concen: 44.892 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018274.D

Acq: 17 Sep 2020 13:28

Tgt Ion: 95 Resp: 107411

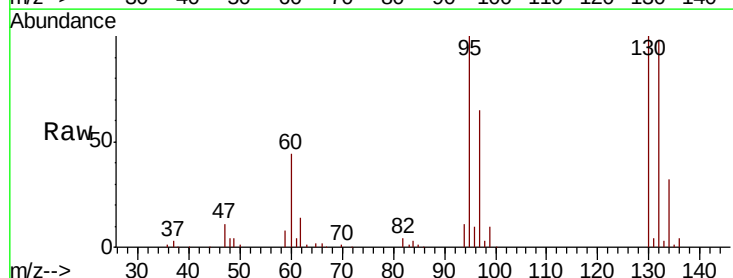
Ion Ratio Lower Upper

95 100

97 64.9 46.3 85.9

132 97.7 68.1 126.5

130 99.8 71.5 132.9



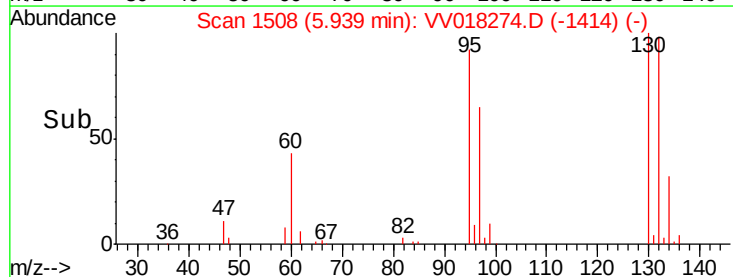
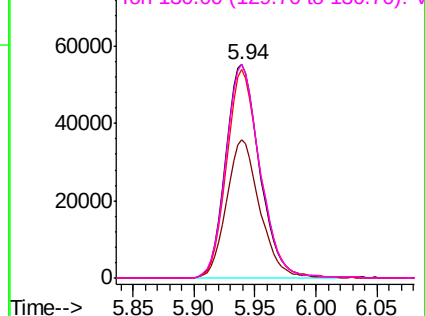
Abundance

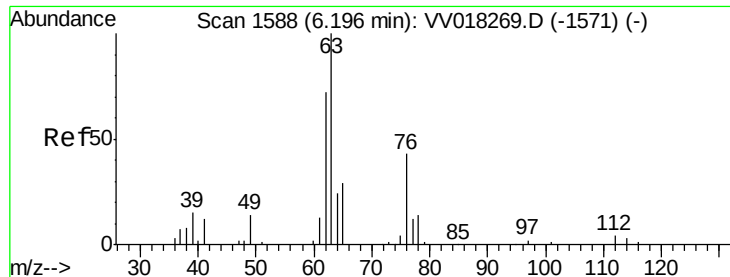
Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0

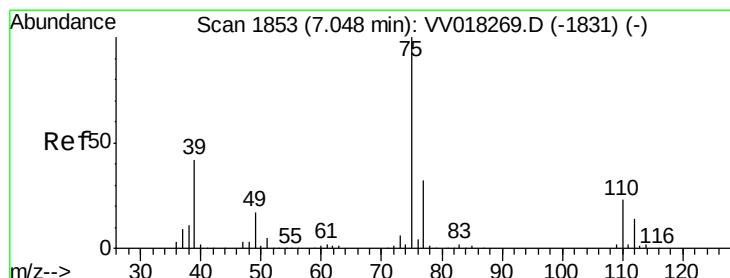
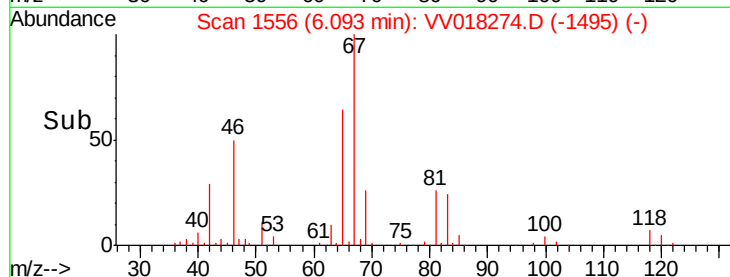
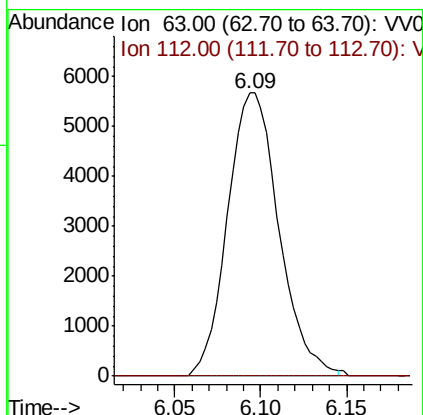
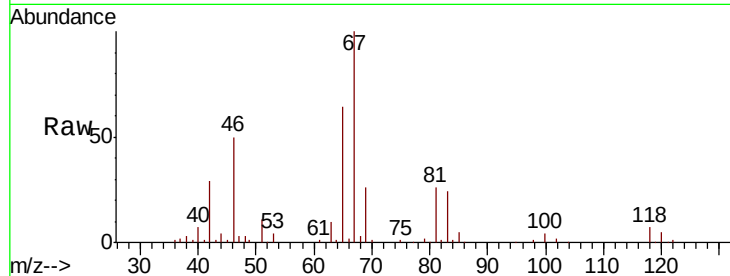




#37
 1,2-Dichloropropane
 Concen: 5.051 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018274.D
 Acq: 17 Sep 2020 13:28

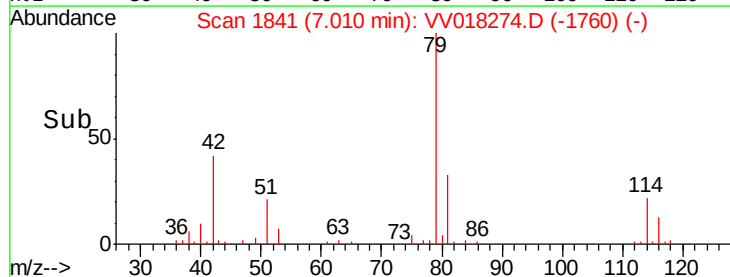
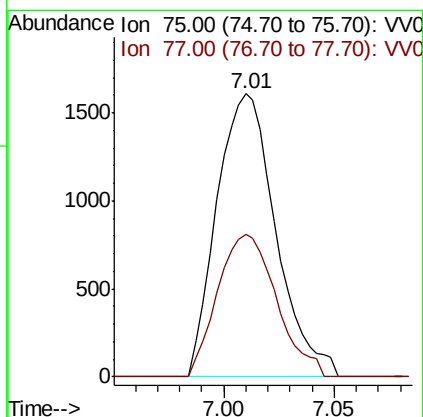
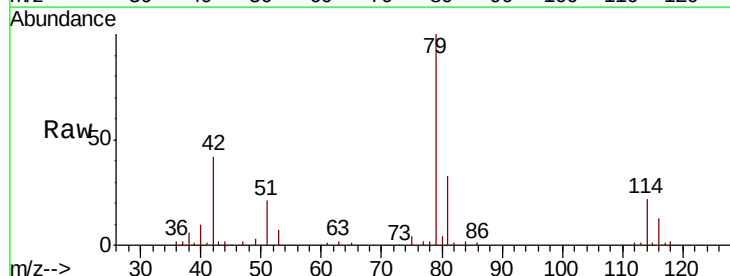
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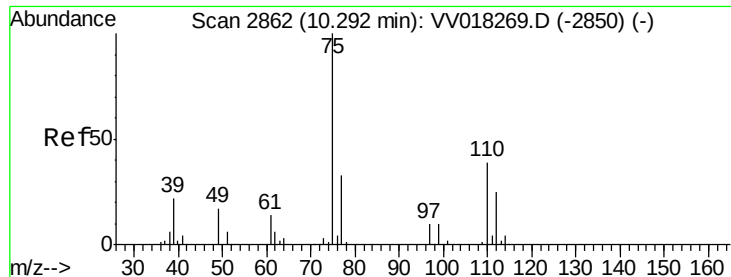
Tot Ion: 63 Resp: 11755
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.832 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018274.D
 Acq: 17 Sep 2020 13:28

Tgt Ion: 75 Resp: 2984
 Ion Ratio Lower Upper
 75 100
 77 50.5 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 6.131 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018274.D

Acq: 17 Sep 2020 13:28

Instrument :

MSVOA_V

ClientSampleId :

C0AB9DL

Tot Ion: 75 Resp: 16785

Ion Ratio Lower Upper

75 100

77 38.1 25.8 38.6

