

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\
 Data File : VV018247.D
 Acq On : 16 Sep 2020 20:19
 Operator : SY/MD
 Sample : L4042-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 05:35:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 17 05:33:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	308702	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	304212	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	146949	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95896	38.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.24%
7) Chloroethane-d5	1.58	69	78070	37.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.84%
11) 1,1-Dichloroethene-d2	2.12	63	135388	29.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.68%#
21) 2-Butanone-d5	3.92	46	118302	76.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.83%
24) Chloroform-d	4.38	84	165946	38.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.04%
26) 1,2-Dichloroethane-d4	5.06	65	111501	39.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.70%
32) Benzene-d6	5.08	84	337535	38.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.52%
36) 1,2-Dichloropropane-d6	6.09	67	107230	38.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	77.50%
41) Toluene-d8	7.34	98	303122	38.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.38%#
43) trans-1,3-Dichloropropene-	7.64	79	51399	36.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.10%
47) 2-Hexanone-d5	8.11	63	86671	82.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.69%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	142342	40.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	125807	41.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.38%

Target Compounds

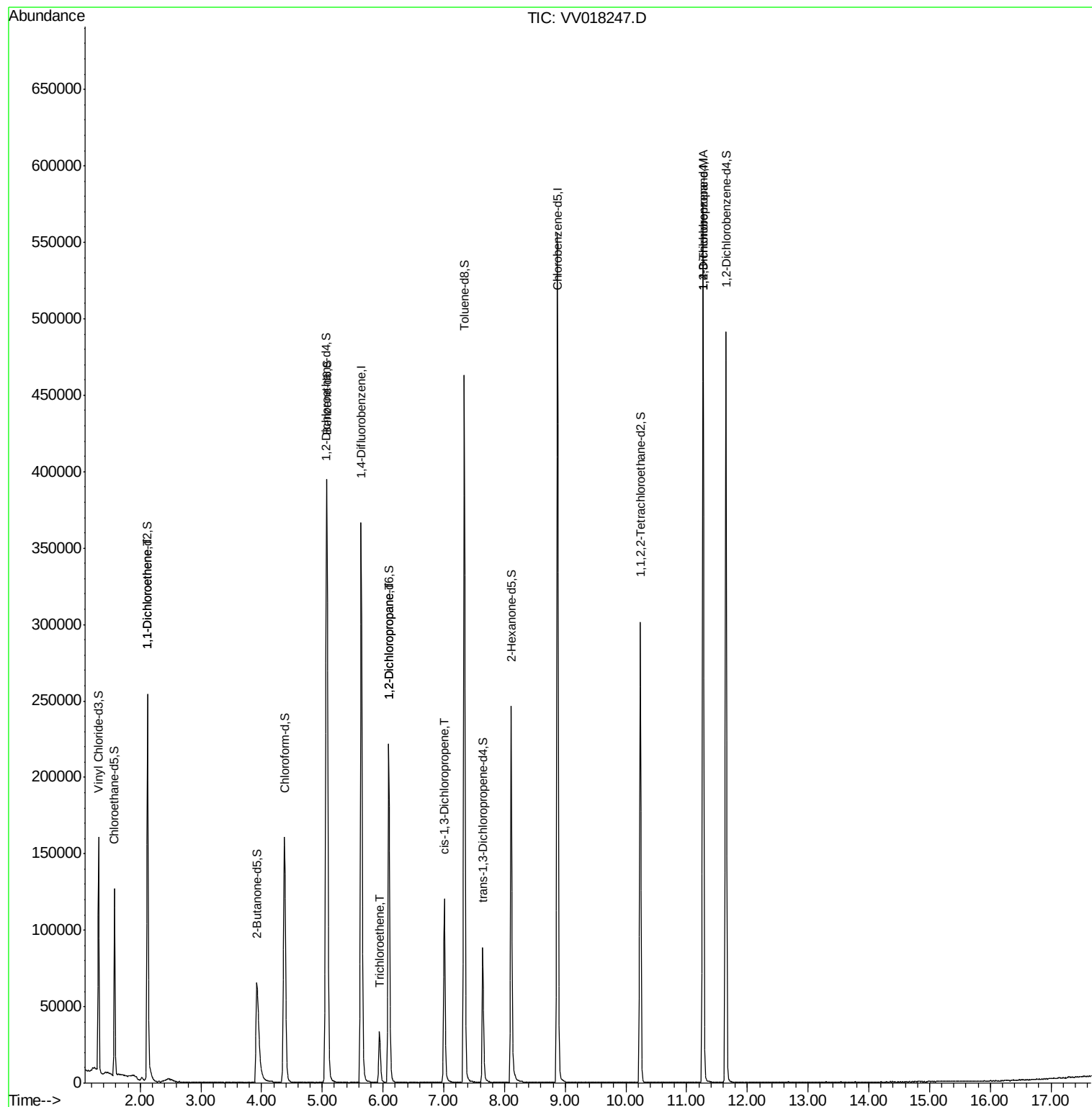
					Ovalue
12) 1,1-Dichloroethene	2.13	96	1694	0.836 ug/L #	1
34) Trichloroethene	5.94	95	12131	5.120 ug/L	96
37) 1,2-Dichloropropane	6.09	63	12152	5.272 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2908	0.819 ug/L #	46
59) 1,2,3-Trichloropropane	11.27	75	16610	6.127 ug/L	93

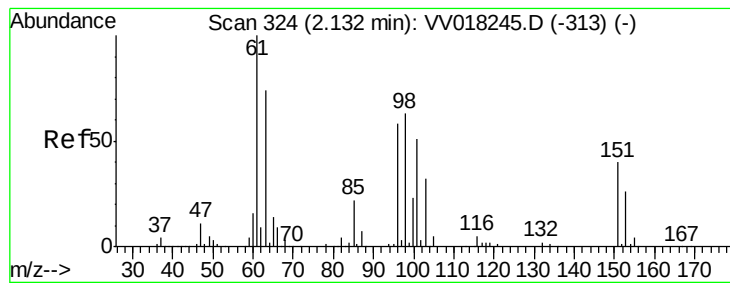
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.836 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018247.D

Acq: 16 Sep 2020 20:19

Instrument :

MSVOA_V

ClientSampleId :

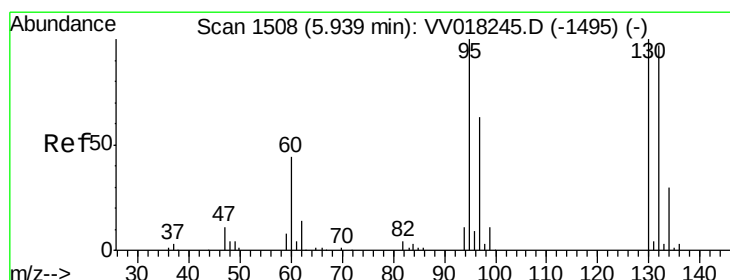
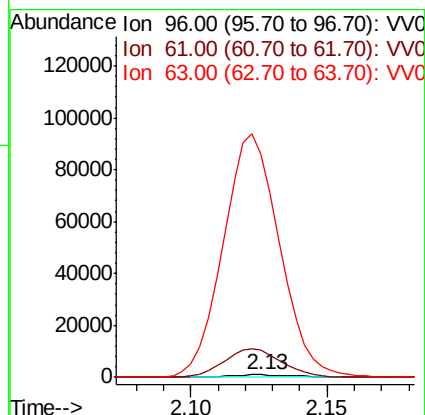
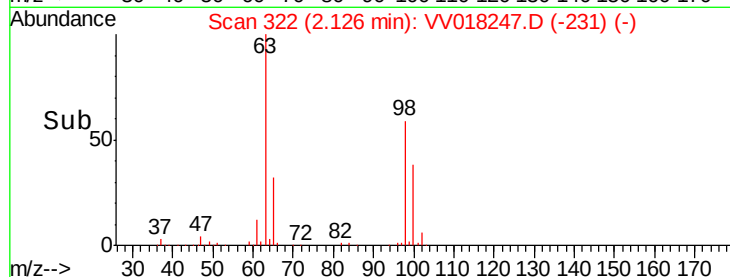
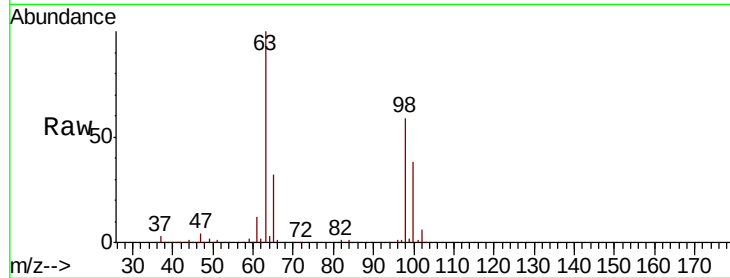
Tot Ion: 96 Resp: 1694

Ion Ratio Lower Upper

96 100

61 1093.2 122.9 228.3#

63 9120.0 91.9 170.7#



#34

Trichloroethene

Concen: 5.120 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VV018247.D

Acq: 16 Sep 2020 20:19

Tgt Ion: 95 Resp: 12131

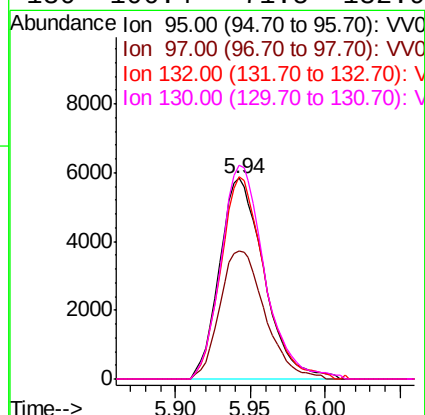
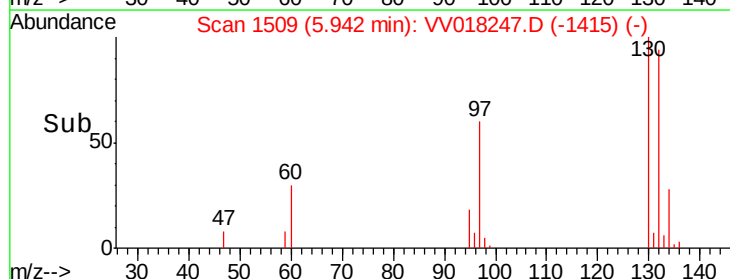
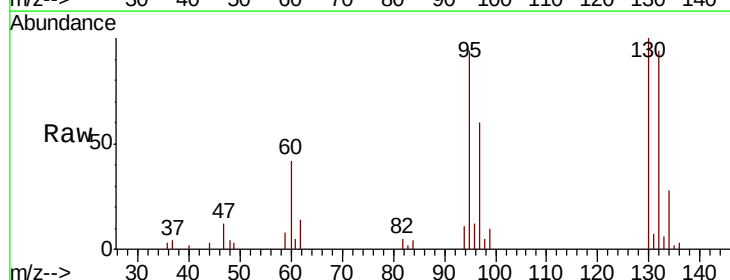
Ion Ratio Lower Upper

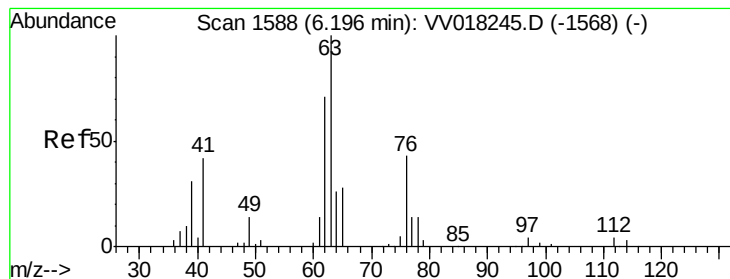
95 100

97 63.5 46.3 85.9

132 100.5 68.1 126.5

130 106.4 71.5 132.9





#37

1,2-Dichloropropane

Concen: 5.272 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018247.D

Acq: 16 Sep 2020 20:19

Instrument :

MSVOA_V

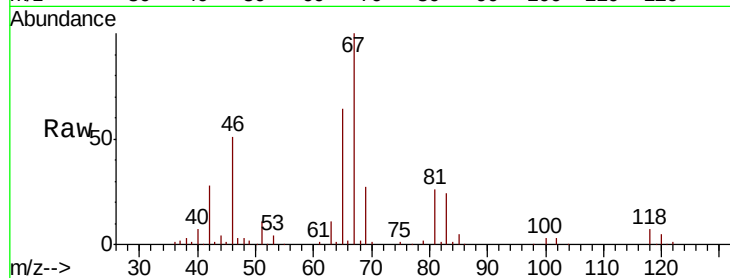
ClientSampleId :

Tot Ion: 63 Resp: 12152

Ion Ratio Lower Upper

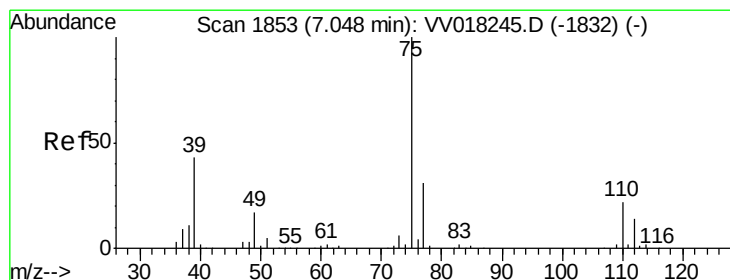
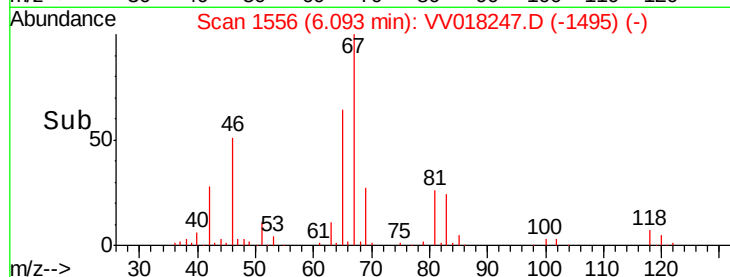
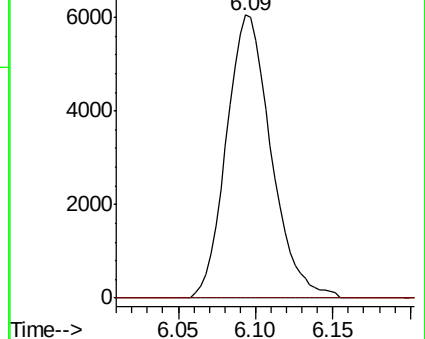
63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV018245.D (-1568) (-)

Ion 112.00 (111.70 to 112.70): VV018245.D (-1568) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.819 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV018247.D

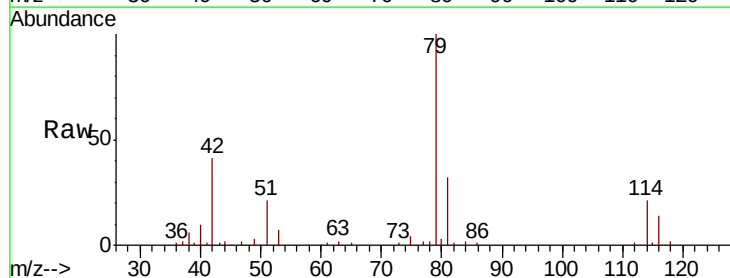
Acq: 16 Sep 2020 20:19

Tgt Ion: 75 Resp: 2908

Ion Ratio Lower Upper

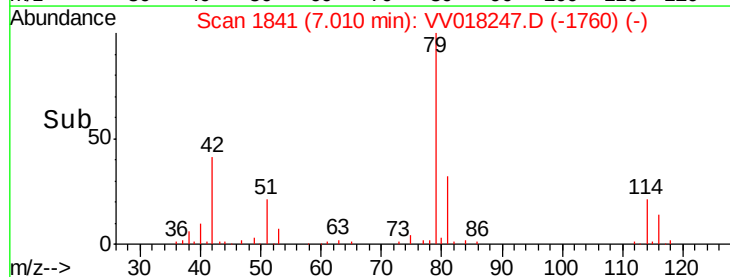
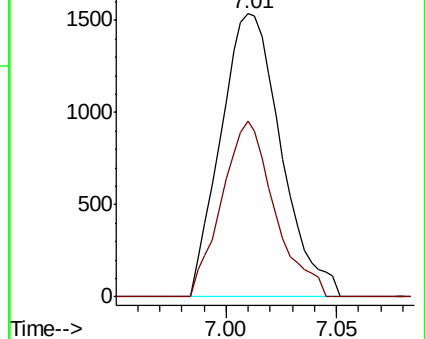
75 100

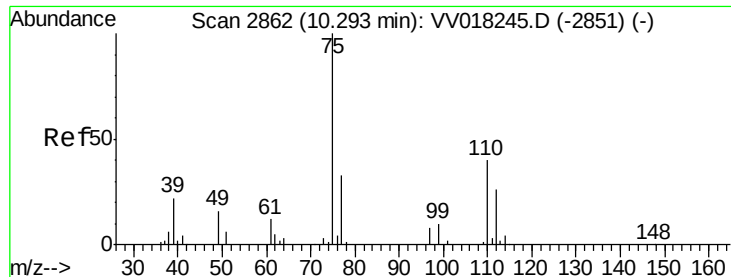
77 62.0 22.3 41.3#



Abundance Ion 75.00 (74.70 to 75.70): VV018245.D (-1832) (-)

Ion 77.00 (76.70 to 77.70): VV018245.D (-1832) (-)





#59

1,2,3-Trichloropropane

Concen: 6.127 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018247.D

Acq: 16 Sep 2020 20:19

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 16610

Ion Ratio Lower Upper

75 100

77 36.2 25.8 38.6

