

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092618\
 Data File : VV007887.D
 Acq On : 26 Sep 2018 16:38
 Operator : SY/MD
 Sample : J5036-07
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 04:56:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 27 04:55:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	182751	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	177391	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	92583	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46983	41.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.02%
7) Chloroethane-d5	1.59	69	45738	46.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.46%
11) 1,1-Dichloroethene-d2	2.14	63	81032	33.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.40%
21) 2-Butanone-d5	3.95	46	99062	128.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	128.30%
24) Chloroform-d	4.41	84	114120	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.92%
26) 1,2-Dichloroethane-d4	5.09	65	82176	48.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.86%
32) Benzene-d6	5.10	84	222913	46.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.84%
36) 1,2-Dichloropropane-d6	6.13	67	71473	48.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.08%
41) Toluene-d8	7.36	98	213631	44.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.22%
43) trans-1,3-Dichloropropene-	7.67	79	30534	43.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.22%
47) 2-Hexanone-d5	8.14	63	67483	107.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.41%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	102168	46.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.06%
64) 1,2-Dichlorobenzene-d4	11.68	152	96826	47.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.10%

Target Compounds

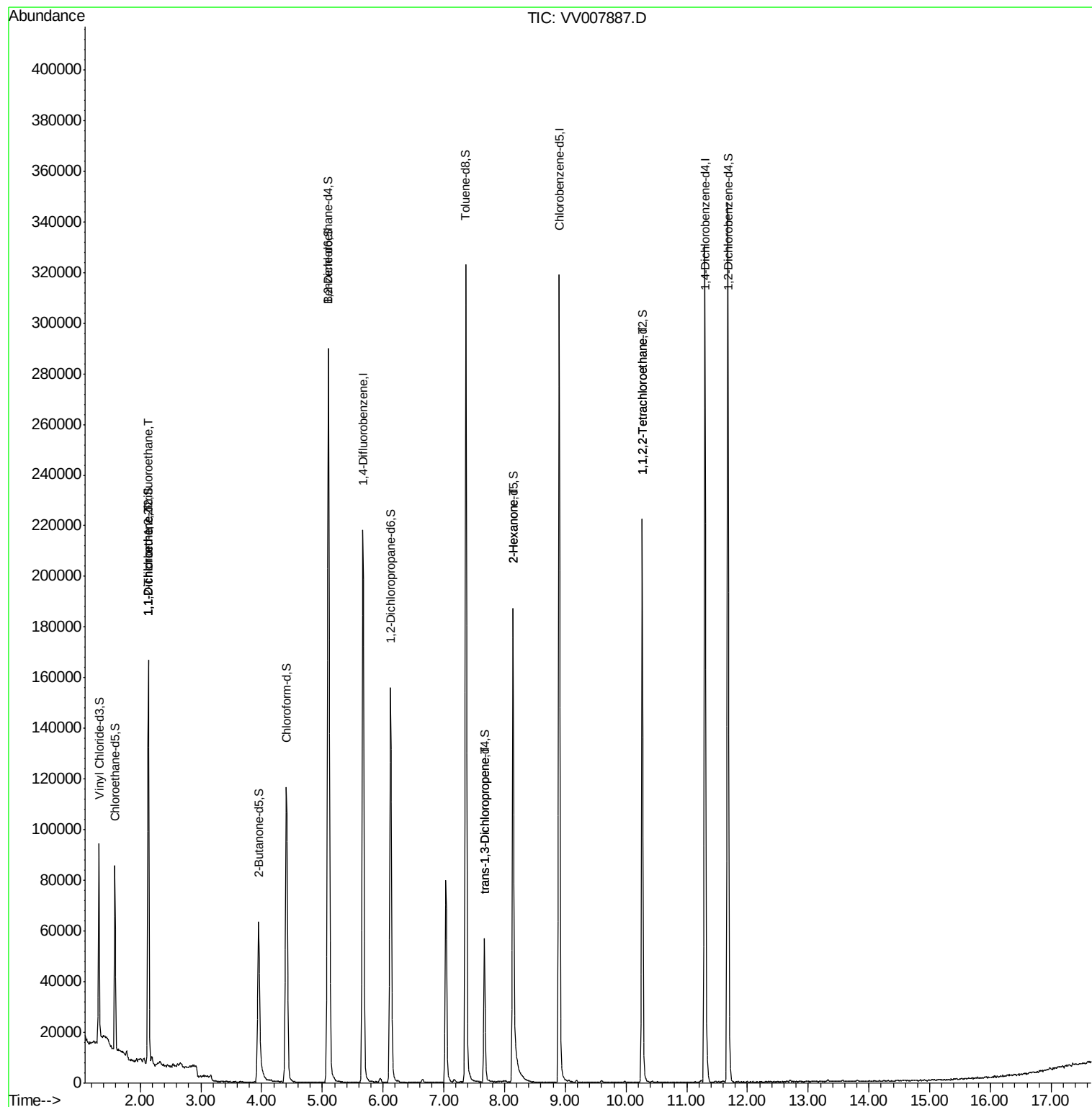
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	891	0.711 ug/L #	15
12) 1,1-Dichloroethene	2.14	96	714	0.635 ug/L #	1
44) trans-1,3-Dichloropropene	7.67	75	1563	0.851 ug/L #	71
48) 2-Hexanone	8.14	43	8384	5.901 ug/L #	71
58) 1,1,2,2-Tetrachloroethane	10.27	83	799	0.385 ug/L #	1

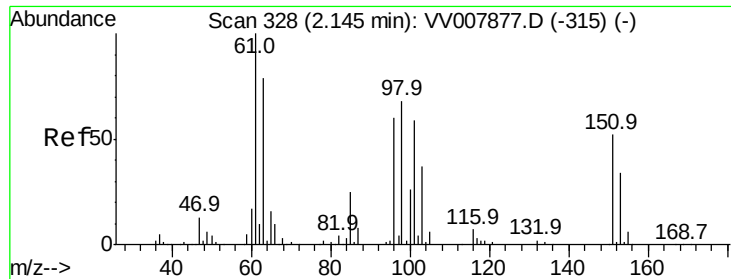
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.711 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV007887.D

Acq: 26 Sep 2018 16:38

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ClientSampleId :

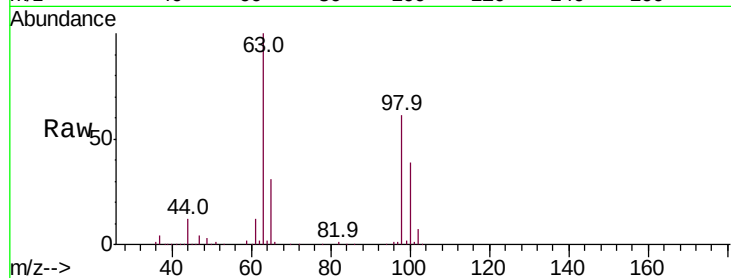
Tot Ion:101 Resp: 891

Ion Ratio Lower Upper

101 100

85 0.0 34.2 51.2#

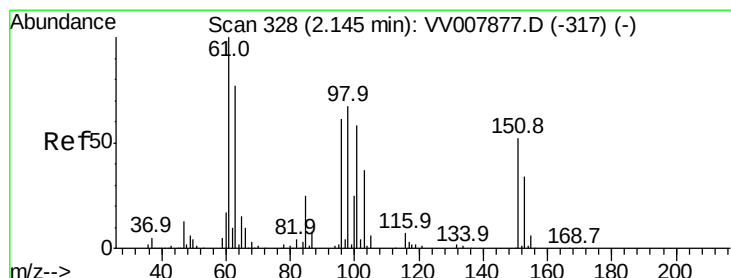
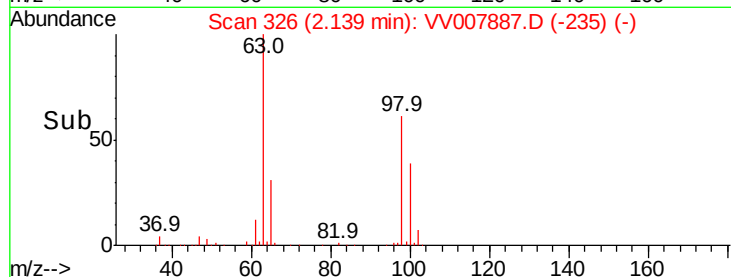
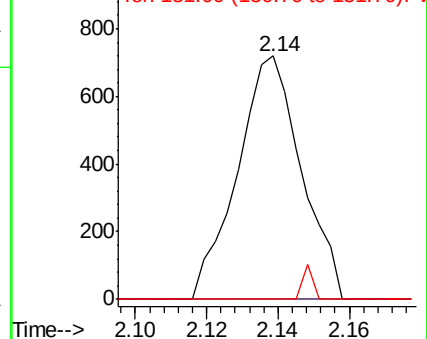
151 0.0 69.7 104.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.635 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV007887.D

Acq: 26 Sep 2018 16:38

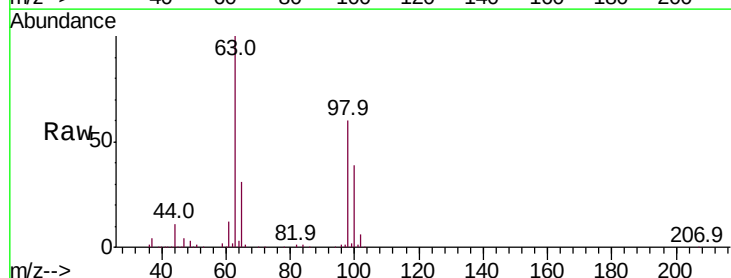
Tgt Ion: 96 Resp: 714

Ion Ratio Lower Upper

96 100

61 1391.7 116.1 215.7#

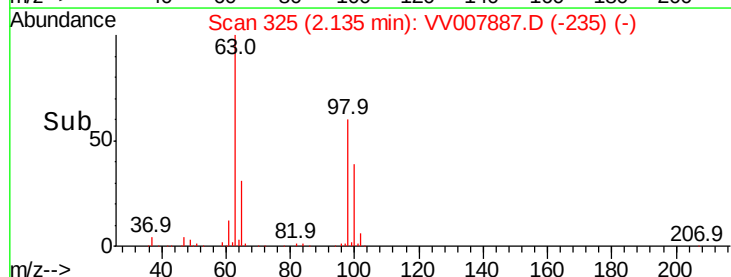
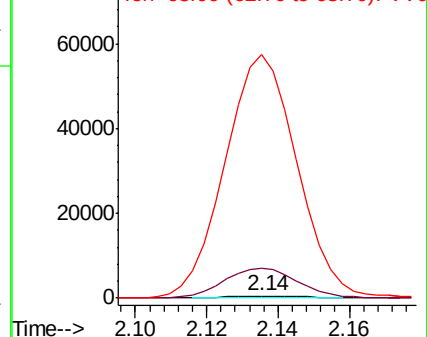
63 11280.2 86.5 160.7#

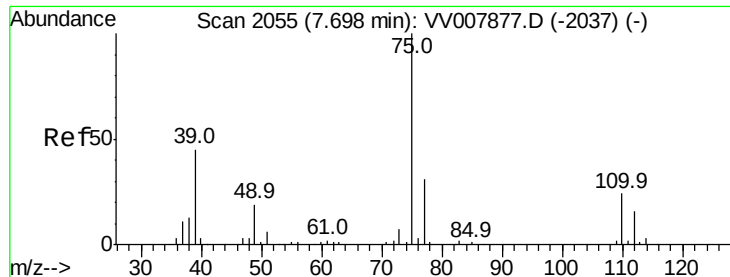


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#44

trans-1,3-Dichloropropene

Concen: 0.851 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV007887.D

Acq: 26 Sep 2018 16:38

Instrument :

MSVOA_V

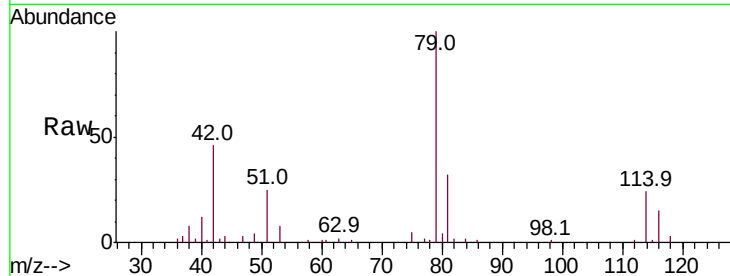
ClientSampleId :

Tot Ion: 75 Resp: 1563

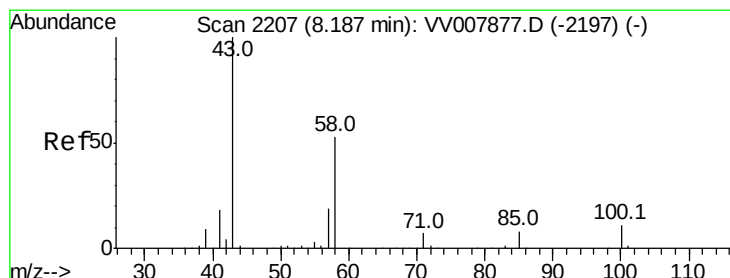
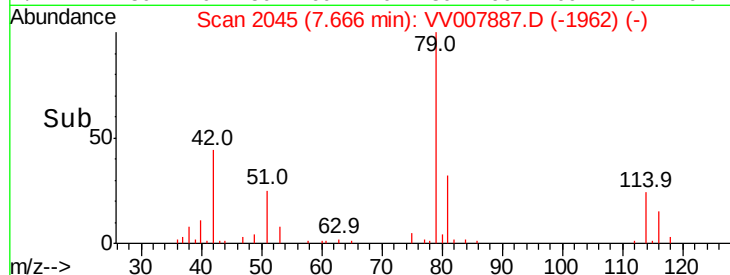
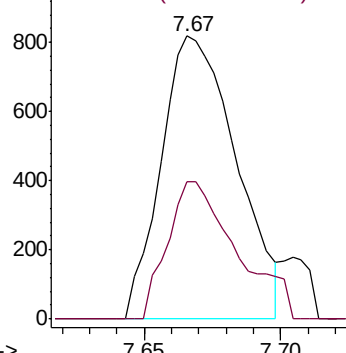
Ion Ratio Lower Upper

75 100

77 48.5 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VV007877.D (-2037) (-)



#48

2-Hexanone

Concen: 5.901 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV007887.D

Acq: 26 Sep 2018 16:38

Tgt Ion: 43 Resp: 8384

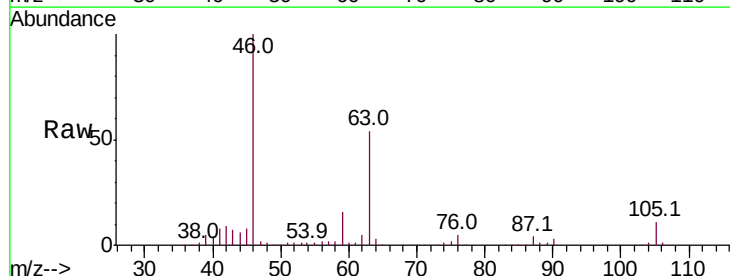
Ion Ratio Lower Upper

43 100

58 29.3 41.1 61.7#

57 27.5 14.3 21.5#

100 0.0 9.9 14.9#

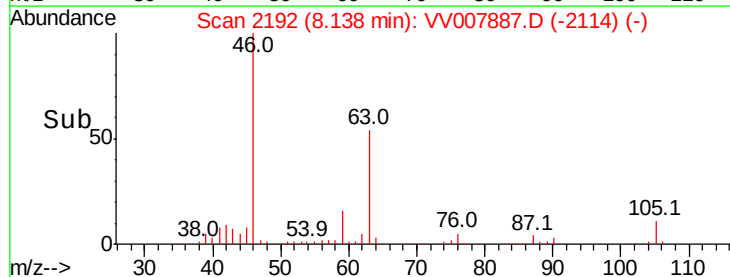
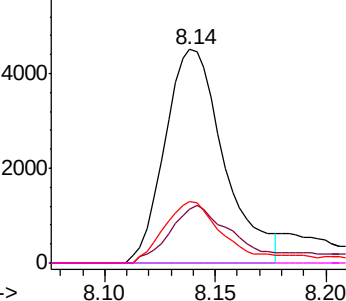


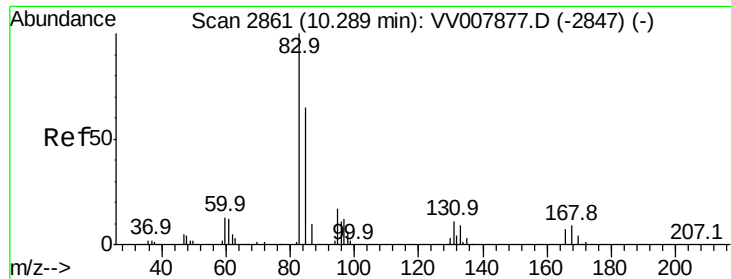
Abundance Ion 43.00 (42.70 to 43.70): VV007877.D (-2197) (-)

Ion 58.00 (57.70 to 58.70): VV007877.D (-2197) (-)

Ion 57.00 (56.70 to 57.70): VV007877.D (-2197) (-)

Ion 100.00 (99.70 to 100.70): VV007877.D (-2197) (-)





#58
 1,1,2,2-Tetrachloroethane
 Concen: 0.385 ug/L
 RT: 10.27 min Scan# 2855
 Delta R.T. -0.02 min
 Lab File: VV007887.D
 Acq: 26 Sep 2018 16:38

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	83	Resp:	799
Ion	Ratio	Lower	Upper
83	100		
85	204.8	45.8	85.0#
131	271.0	9.0	13.4#

