

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100118\
 Data File : VV008019.D
 Acq On : 02 Oct 2018 02:27
 Operator : SY/MD
 Sample : J5160-04
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GACA9

Quant Time: Oct 02 05:28:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 02 04:17:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	89362	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	84563	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41254	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23362	4.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	1.59	69	20047	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.14	63	44854	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.00%
20) 2-Butanone-d5	3.98	46	67596	46.91	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.82%
24) Chloroform-d	4.41	84	51062	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.09	65	27833	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.10	84	101414	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.12	67	32194	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.36	98	92916	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.67	79	10317	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.14	63	47075	43.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.56%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22613	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	38347	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

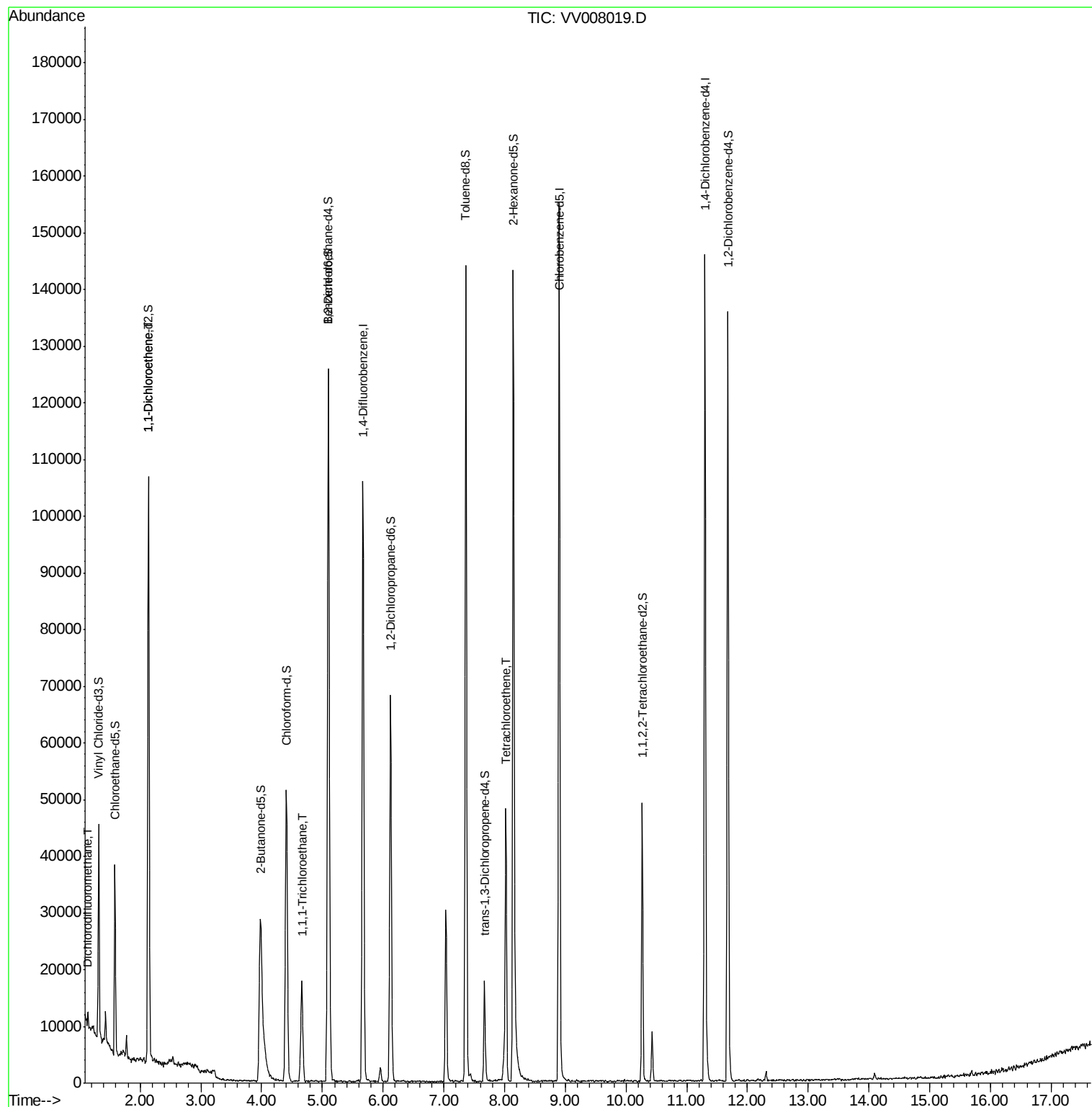
					Ovalue
2) Dichlorodifluoromethane	1.14	85	1665	0.222 ug/L	90
12) 1,1-Dichloroethene	2.14	96	14935	2.528 ug/L #	82
29) 1,1,1-Trichloroethane	4.66	97	13879	1.365 ug/L	98
47) Tetrachloroethene	8.02	164	10941	1.703 ug/L	98

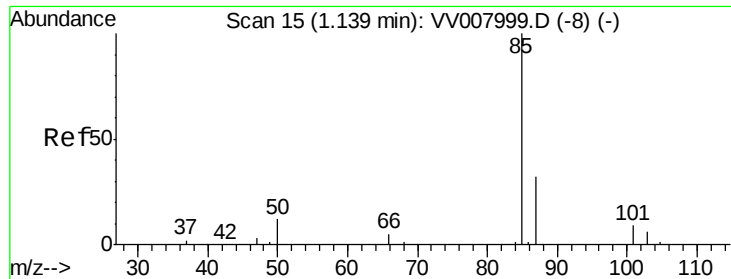
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.222 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV008019.D

Acq: 02 Oct 2018 02:27

Instrument :

MSVOA_V

ClientSampleId :

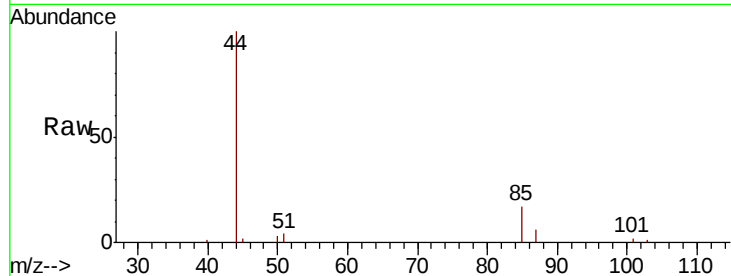
GACA9

Tot Ion: 85 Resp: 1665

Ion Ratio Lower Upper

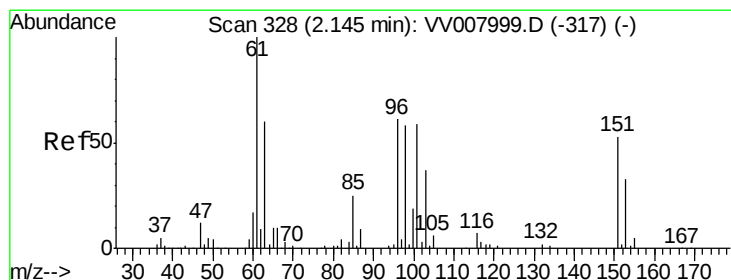
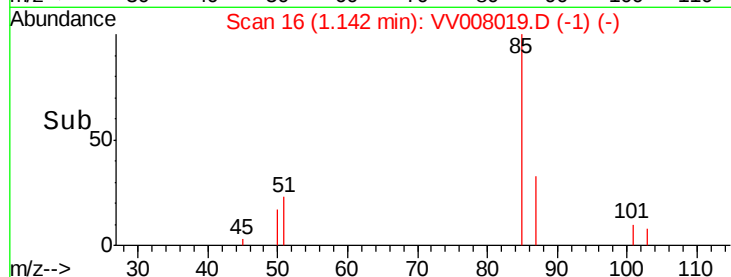
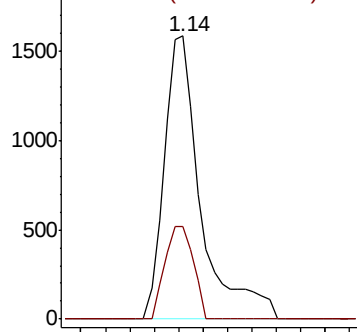
85 100

87 25.8 25.2 37.8



Abundance Ion 85.00 (84.70 to 85.70): VV007999.D (-8) (-)

Ion 87.00 (86.70 to 87.70): VV007999.D (-8) (-)



#12

1,1-Dichloroethene

Concen: 2.528 ug/L

RT: 2.14 min Scan# 328

Delta R.T. -0.00 min

Lab File: VV008019.D

Acq: 02 Oct 2018 02:27

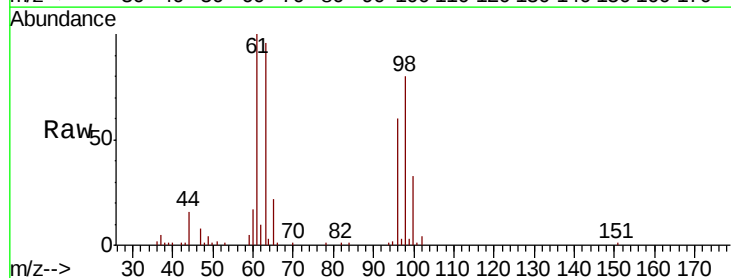
Tgt Ion: 96 Resp: 14935

Ion Ratio Lower Upper

96 100

61 166.6 114.1 211.9

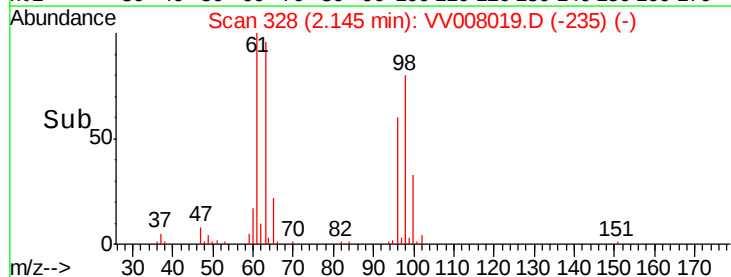
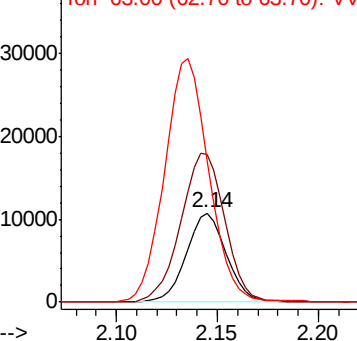
63 159.5 81.5 151.3#

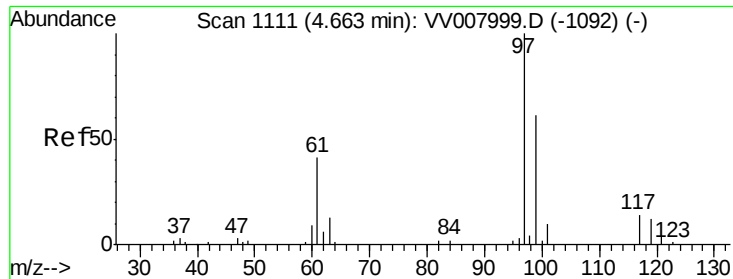


Abundance Ion 96.00 (95.70 to 96.70): VV007999.D (-317) (-)

Ion 61.05 (60.75 to 61.75): VV007999.D (-317) (-)

Ion 63.00 (62.70 to 63.70): VV007999.D (-317) (-)

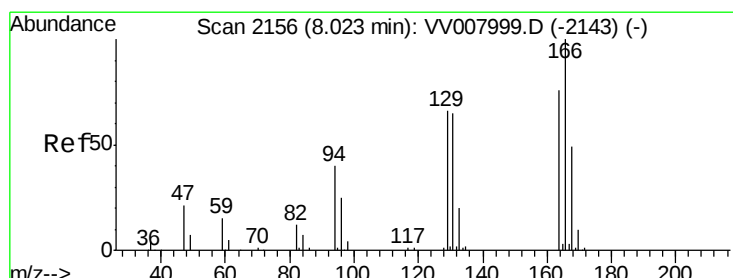
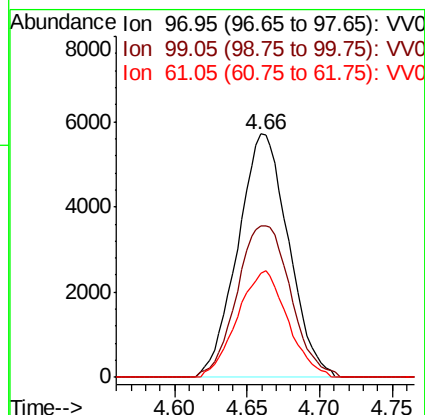
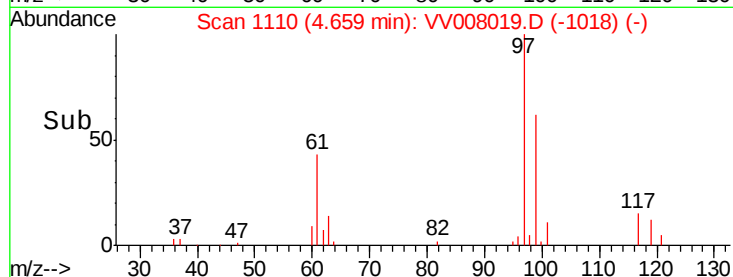
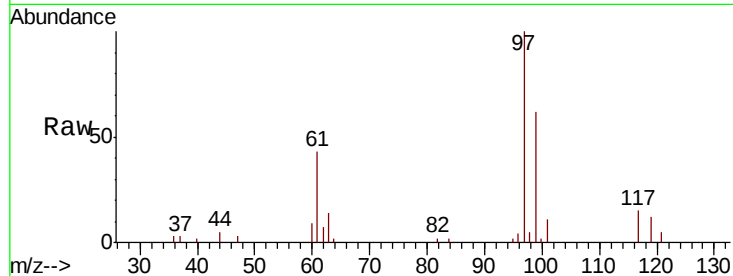




#29
 1,1,1-Trichloroethane
 Concen: 1.365 ug/L
 RT: 4.66 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VV008019.D
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Tot Ion: 97 Resp: 13879
 Ion Ratio Lower Upper
 97 100
 99 66.1 51.2 76.8
 61 43.2 34.6 52.0



#47
 Tetrachloroethene
 Concen: 1.703 ug/L
 RT: 8.02 min Scan# 2156
 Delta R.T. -0.00 min
 Lab File: VV008019.D
 Acq: 02 Oct 2018 02:27

Tgt Ion: 164 Resp: 10941
 Ion Ratio Lower Upper
 164 100
 129 84.6 59.2 110.0
 131 87.3 57.1 106.1
 166 126.7 88.6 164.6

