

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052920\
 Data File : VV016336.D
 Acq On : 30 May 2020 01:54
 Operator : SY/MD
 Sample : L2826-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CWKC2

Quant Time: May 30 04:10:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 30 03:05:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	85192	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	77316	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	33233	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24081	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.58	69	19532	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.20%
11) 1,1-Dichloroethene-d2	2.12	63	34227	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	3.97	46	64946	47.85	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.70%
24) Chloroform-d	4.38	84	48621	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.06	65	26572	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.07	84	96208	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.10	67	28910	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.34	98	84991	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
45) trans-1,3-Dichloropropene-	7.65	79	8923	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
48) 2-Hexanone-d5	8.12	63	52494	51.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.64%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	19930	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	27170	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

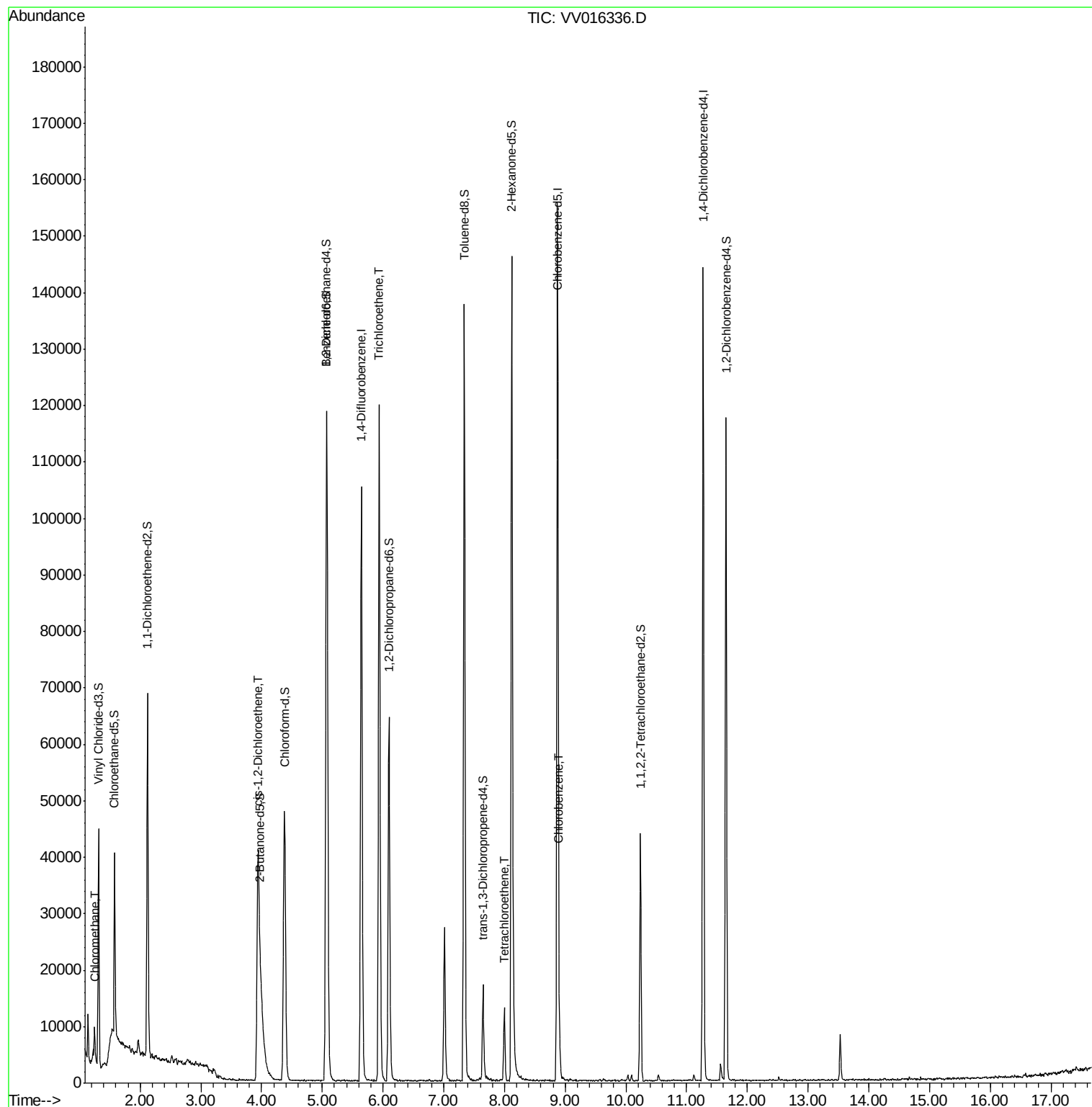
					Ovalue
3) Chloromethane	1.25	50	3521	0.429 ug/L	97
22) cis-1,2-Dichloroethene	3.94	96	16448	2.529 ug/L	96
34) Trichloroethene	5.94	95	41825	7.216 ug/L	98
49) Tetrachloroethene	8.00	164	2568	0.617 ug/L	98
53) Chlorobenzene	8.90	112	2952	0.197 ug/L	96

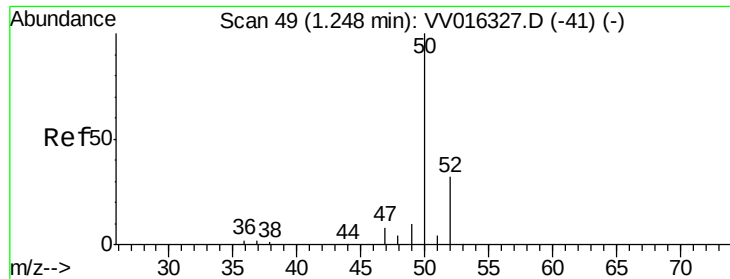
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.429 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV016336.D

Acq: 30 May 2020 01:54

Instrument :

MSVOA_V

ClientSampleId :

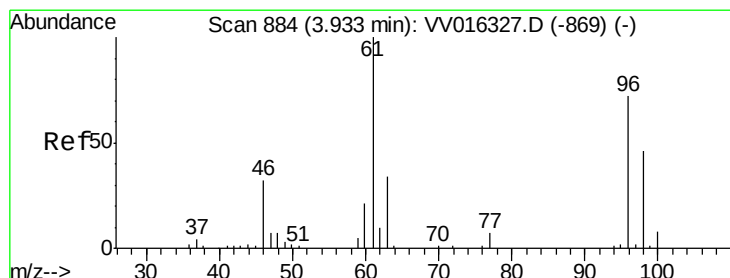
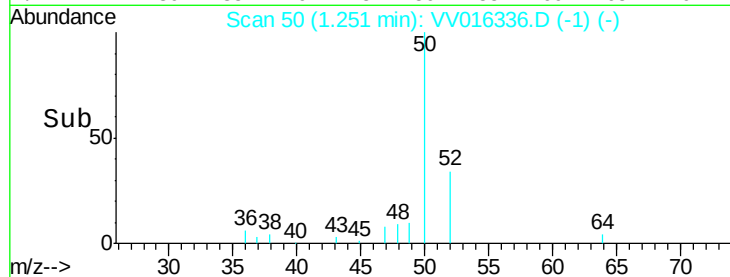
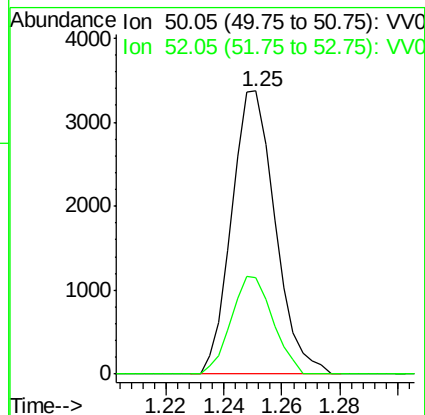
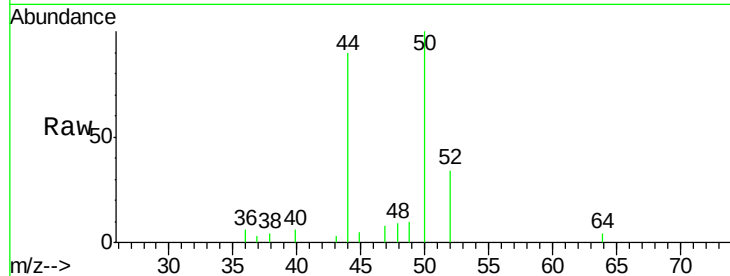
CWKC2

Tot Ion: 50 Resp: 3521

Ion Ratio Lower Upper

50 100

52 34.0 22.5 41.9



#22

cis-1,2-Dichloroethene

Concen: 2.529 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV016336.D

Acq: 30 May 2020 01:54

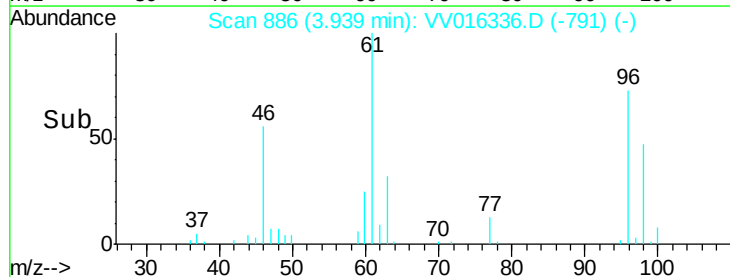
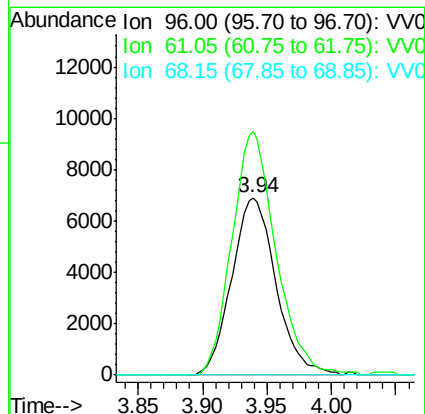
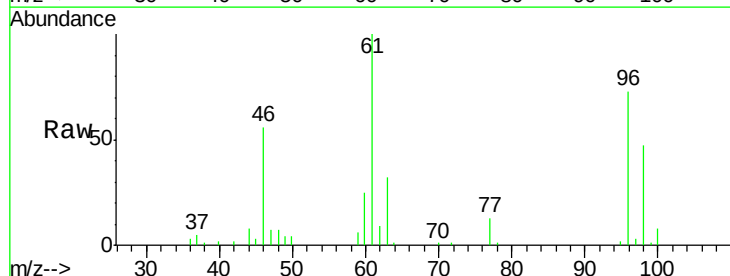
Tgt Ion: 96 Resp: 16448

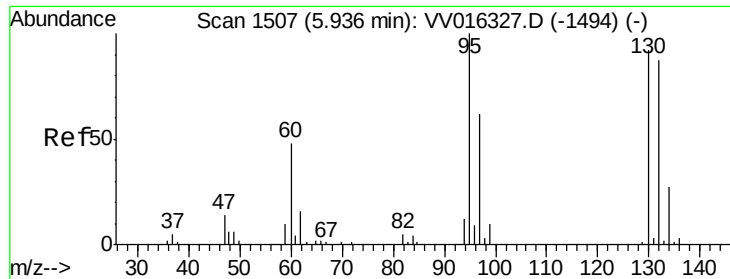
Ion Ratio Lower Upper

96 100

61 137.0 99.7 185.1

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 7.216 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV016336.D

Acq: 30 May 2020 01:54

Instrument :

MSVOA_V

ClientSampleId :

CWKC2

Tot Ion: 95 Resp: 41825

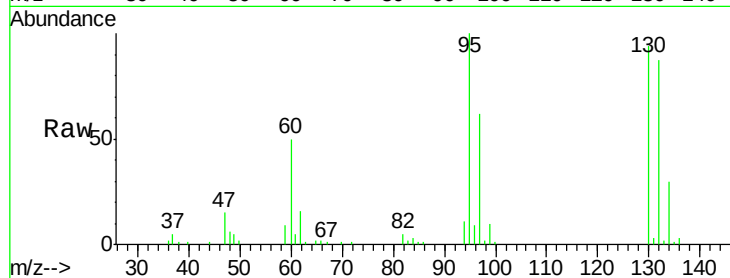
Ion Ratio Lower Upper

95 100

97 62.0 43.6 81.0

132 86.9 63.9 118.7

130 93.7 65.2 121.0

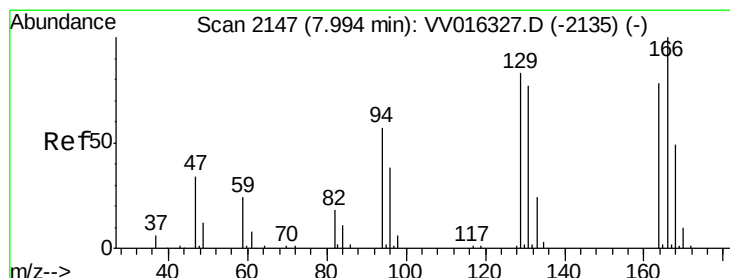
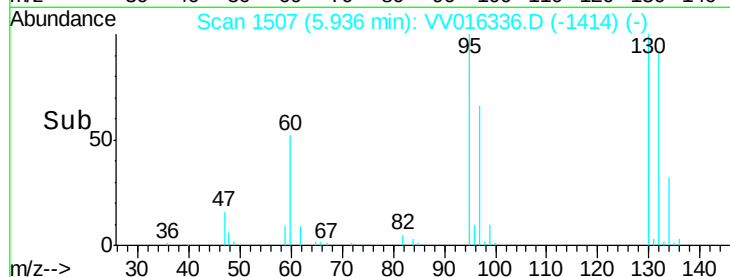
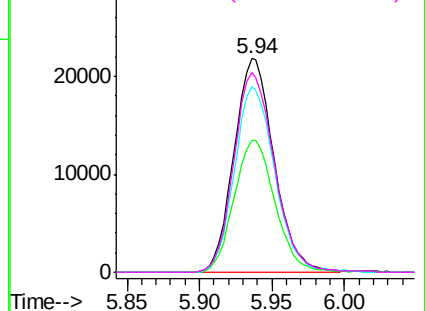


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#49

Tetrachloroethene

Concen: 0.617 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016336.D

Acq: 30 May 2020 01:54

Tgt Ion:164 Resp: 2568

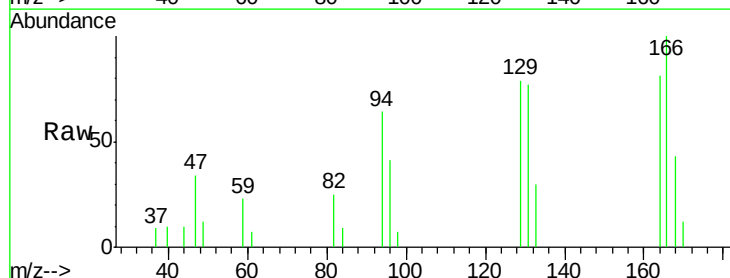
Ion Ratio Lower Upper

164 100

129 97.0 70.7 131.3

131 94.4 66.6 123.8

166 122.9 86.9 161.5

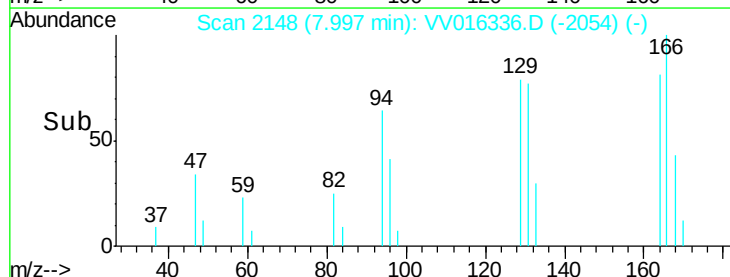
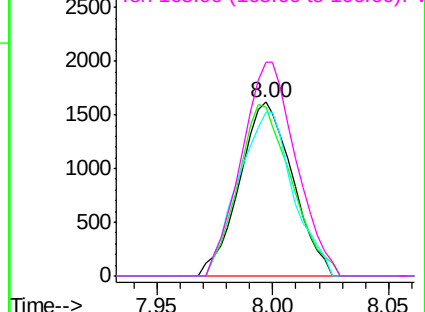


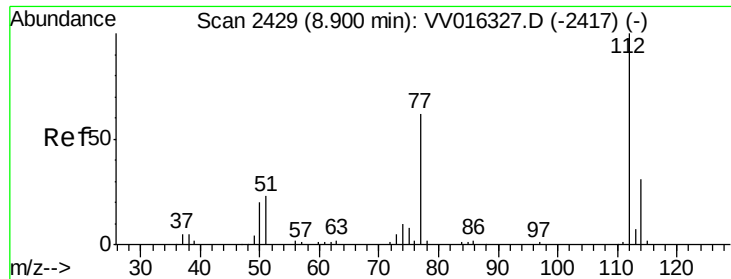
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V





#53
 Chlorobenzene
 Concen: 0.197 ug/L
 RT: 8.90 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: VV016336.D
 Acq: 30 May 2020 01:54

Instrument :
 MSVOA_V
 ClientSampleId :
 CWKC2

Tot Ion:	112	Resp:	2952
Ion	Ratio	Lower	Upper
112	100		
114	35.1	22.3	41.3
77	65.6	50.7	76.1

