

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081019\
 Data File : VV012169.D
 Acq On : 09 Aug 2019 23:38
 Operator : SY/MD
 Sample : K4248-06
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2B13

Quant Time: Aug 12 04:21:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 05:07:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	269407	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	243767	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	109814	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49926	50.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.74%
7) Chloroethane-d5	1.58	69	31810	50.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.66%
11) 1,1-Dichloroethene-d2	2.13	63	64534	34.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.88%
21) 2-Butanone-d5	3.93	46	30881	63.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	63.02%
24) Chloroform-d	4.40	84	91514	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.88%
26) 1,2-Dichloroethane-d4	5.08	65	61239	51.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.72%
32) Benzene-d6	5.10	84	198289	52.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.94%
36) 1,2-Dichloropropane-d6	6.12	67	51850	50.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.86%
41) Toluene-d8	7.36	98	177835	49.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	7.66	79	25401	45.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.18%
47) 2-Hexanone-d5	8.13	63	38557	98.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.03%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	69155	49.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.12%
64) 1,2-Dichlorobenzene-d4	11.67	152	67175	51.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.52%

Target Compounds

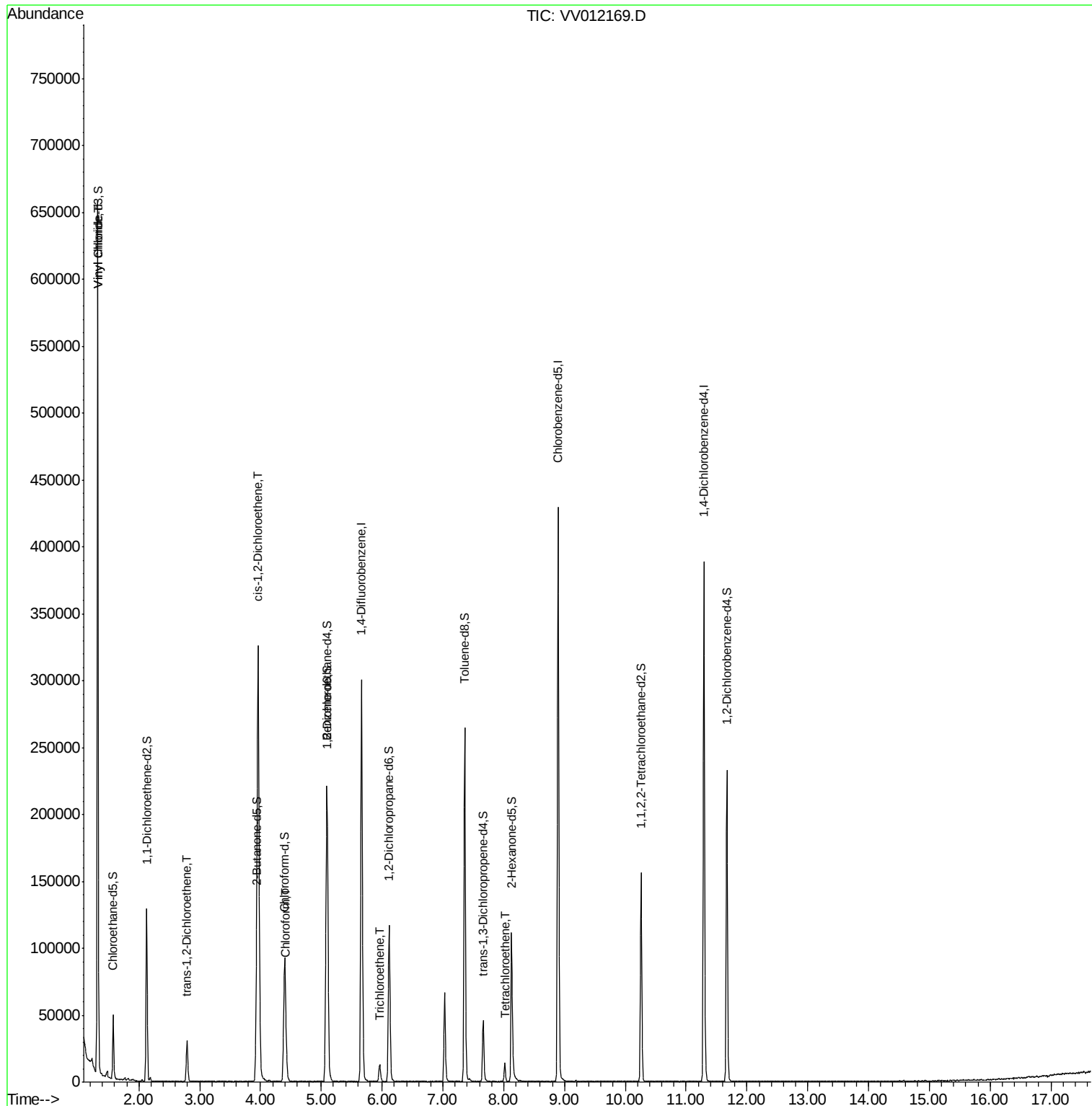
					Ovalue
5) Vinyl chloride	1.32	62	354521	238.012	ug/L 97
17) trans-1,2-Dichloroethene	2.79	96	11577	7.260	ug/L 99
20) cis-1,2-Dichloroethene	3.96	96	183825	101.468	ug/L 96
25) Chloroform	4.42	83	6516	2.069	ug/L 95
34) Trichloroethene	5.96	95	4019	2.390	ug/L 92
46) Tetrachloroethene	8.02	164	3375	2.099	ug/L 95

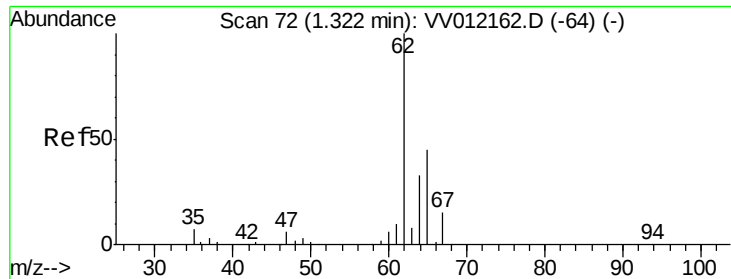
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 10 05:07:53 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 238.012 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV012169.D

Acq: 09 Aug 2019 23:38

Instrument :

MSVOA_V

ClientSampleId :

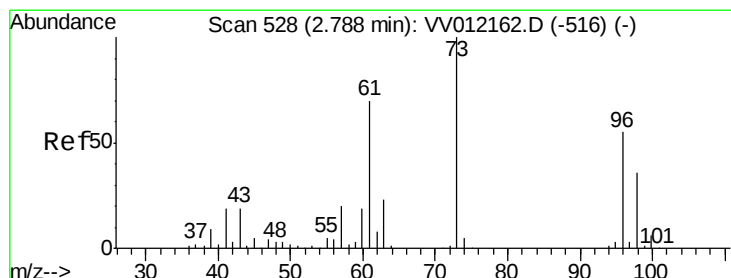
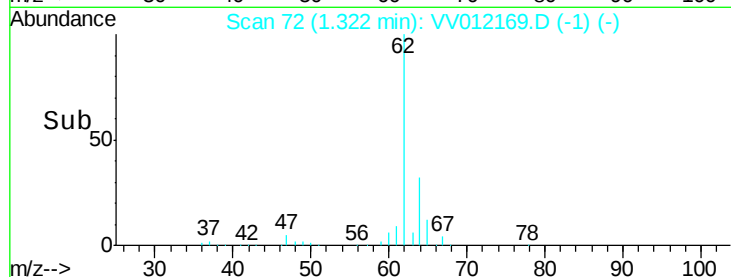
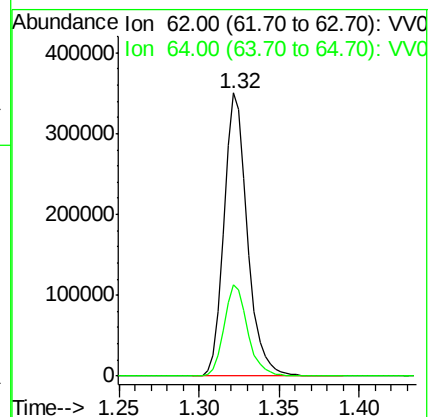
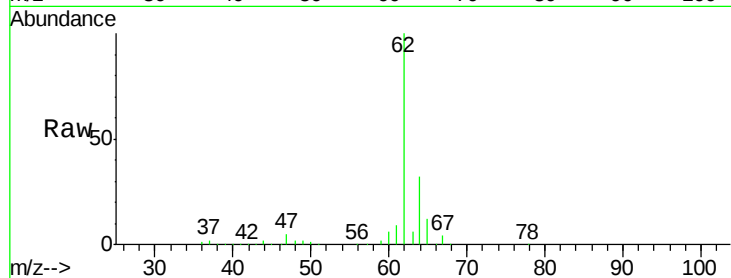
F2B13

Tot Ion: 62 Resp: 354521

Ion Ratio Lower Upper

62 100

64 32.2 23.7 44.1



#17

trans-1,2-Dichloroethene

Concen: 7.260 ug/L

RT: 2.79 min Scan# 529

Delta R.T. 0.00 min

Lab File: VV012169.D

Acq: 09 Aug 2019 23:38

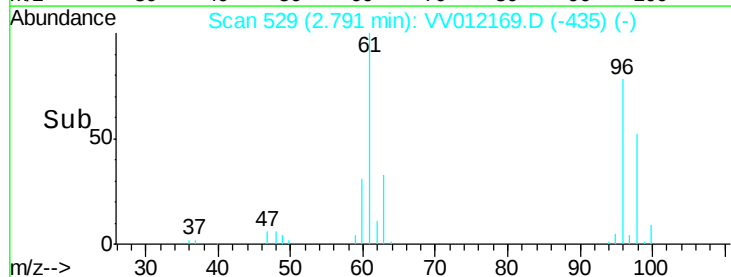
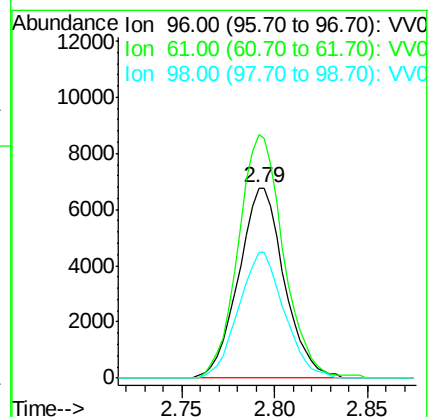
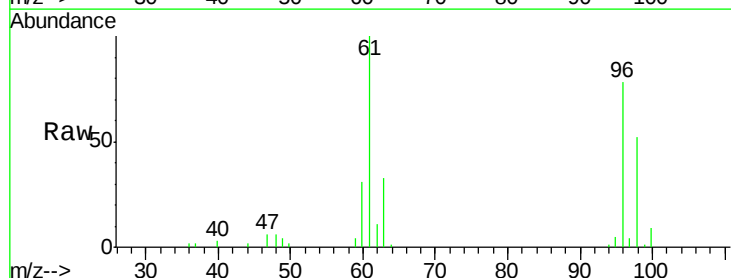
Tgt Ion: 96 Resp: 11577

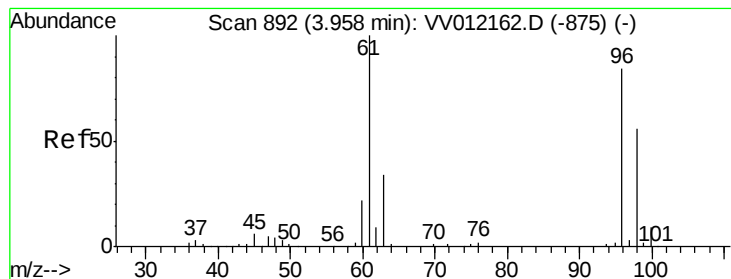
Ion Ratio Lower Upper

96 100

61 128.1 89.3 165.9

98 66.2 44.7 83.1



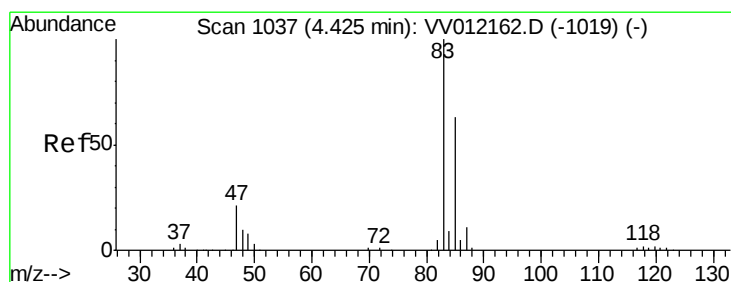
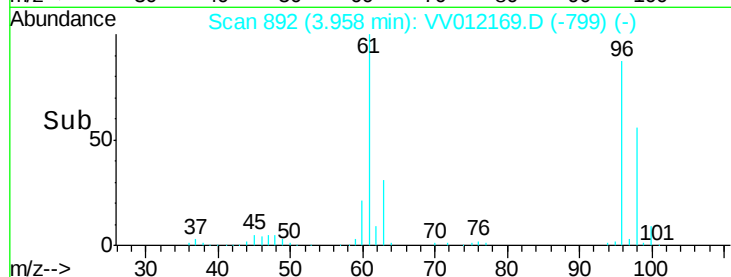
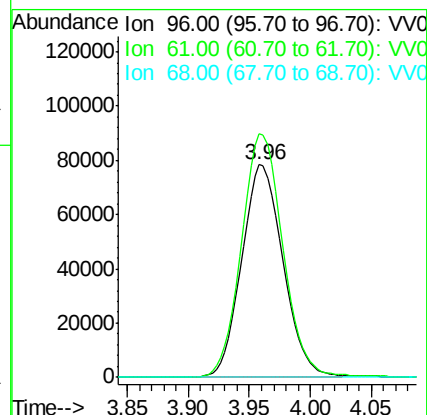
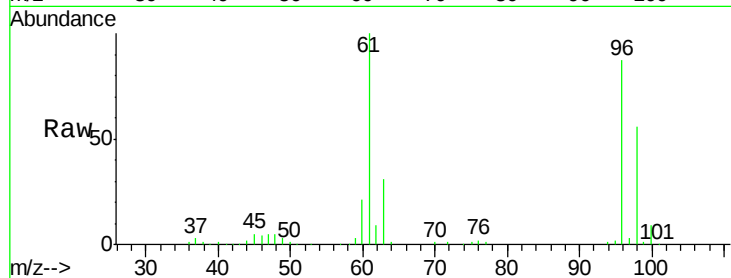


#20

cis-1,2-Dichloroethene
Concen: 101.468 ug/L
RT: 3.96 min Scan# 892
Delta R.T. -0.00 min
Lab File: VV012169.D
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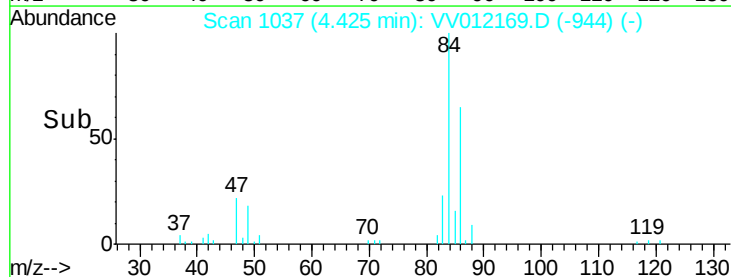
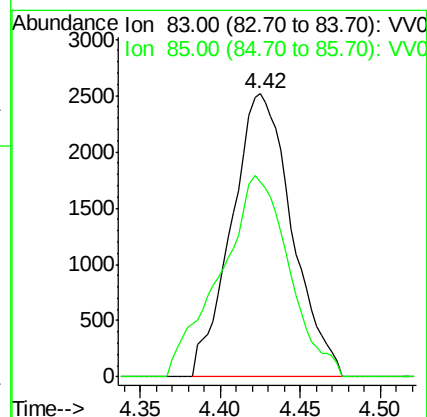
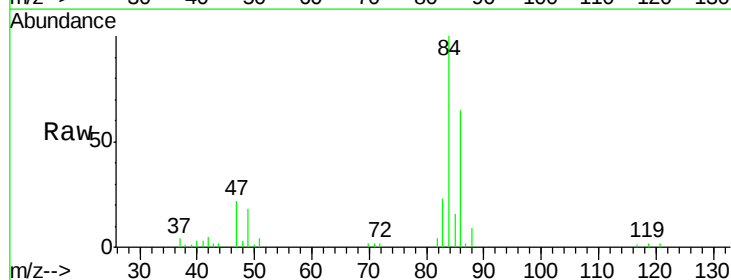
Tot Ion: 96 Resp: 183825
Ion Ratio Lower Upper
96 100
61 114.5 82.9 153.9
68 0.0 0.0 0.0

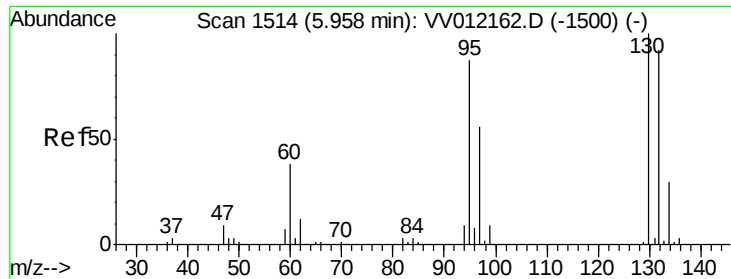


#25

Chloroform
Concen: 2.069 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV012169.D
Acq: 09 Aug 2019 23:38

Tgt Ion: 83 Resp: 6516
Ion Ratio Lower Upper
83 100
85 69.1 45.7 84.9

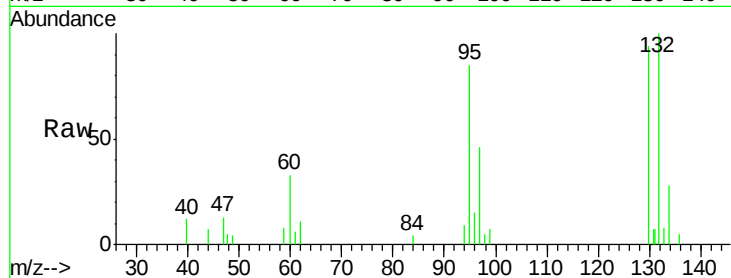




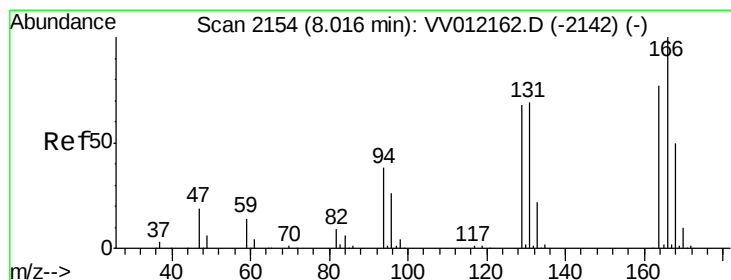
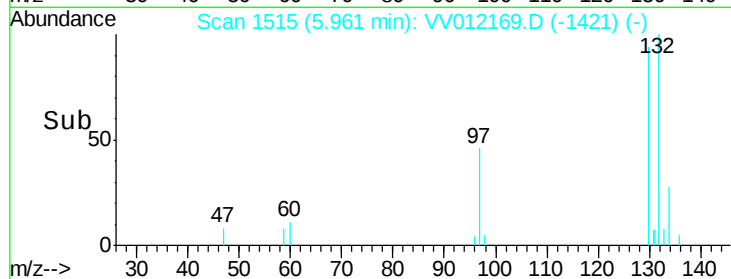
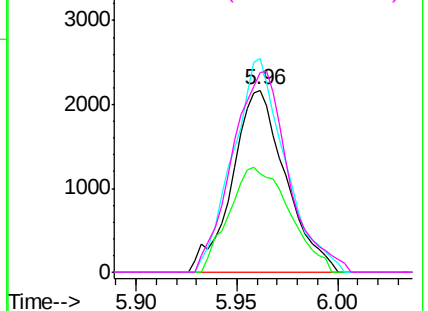
#34
 Trichloroethene
 Concen: 2.390 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: VV012169.D
 Acq: 09 Aug 2019 23:38

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Tot Ion: 95 Resp: 4019
 Ion Ratio Lower Upper
 95 100
 97 54.0 44.7 83.1
 132 117.2 72.7 134.9
 130 109.9 75.9 141.1

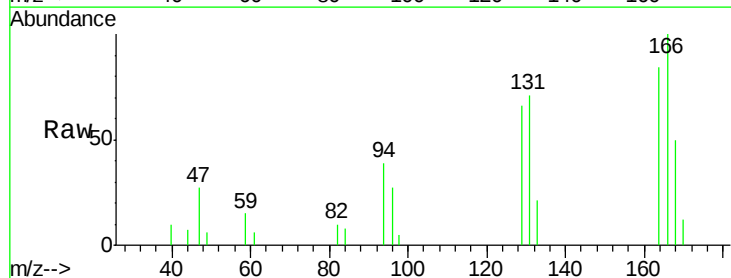


Abundance Ion 95.00 (94.70 to 95.70): VV012162.D (-1500) (-)
 Ion 97.00 (96.70 to 97.70): VV012162.D (-1500) (-)
 Ion 132.00 (131.70 to 132.70): VV012162.D (-1500) (-)
 Ion 130.00 (129.70 to 130.70): VV012162.D (-1500) (-)



#46
 Tetrachloroethene
 Concen: 2.099 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: VV012169.D
 Acq: 09 Aug 2019 23:38

Tgt Ion: 164 Resp: 3375
 Ion Ratio Lower Upper
 164 100
 129 78.3 60.6 112.6
 131 85.3 59.5 110.5
 166 119.3 87.2 161.9



Abundance Ion 164.00 (163.70 to 164.70): VV012162.D (-2142) (-)
 Ion 129.00 (128.70 to 129.70): VV012162.D (-2142) (-)
 Ion 131.00 (130.70 to 131.70): VV012162.D (-2142) (-)
 Ion 166.00 (165.70 to 166.70): VV012162.D (-2142) (-)

