

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062220\
 Data File : VV017016.D
 Acq On : 22 Jun 2020 13:08
 Operator : SY/MD
 Sample : L3074-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M05

Quant Time: Jun 23 03:24:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 23 03:22:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	359695	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	341086	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	169084	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101094	39.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.66%
7) Chloroethane-d5	1.58	69	74848	49.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.30%
11) 1,1-Dichloroethene-d2	2.12	63	147594	34.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.26%
21) 2-Butanone-d5	3.91	46	155868	82.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.97%
24) Chloroform-d	4.37	84	226666	43.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.84%
26) 1,2-Dichloroethane-d4	5.05	65	162315	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.48%
32) Benzene-d6	5.07	84	433309	44.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.14%
36) 1,2-Dichloropropane-d6	6.09	67	134077	43.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.50%
41) Toluene-d8	7.33	98	402139	44.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.14%
43) trans-1,3-Dichloropropene-	7.64	79	67678	42.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.80%
47) 2-Hexanone-d5	8.11	63	92375	69.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	69.13%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	161213	39.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.46%
64) 1,2-Dichlorobenzene-d4	11.65	152	168234	46.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.24%

Target Compounds

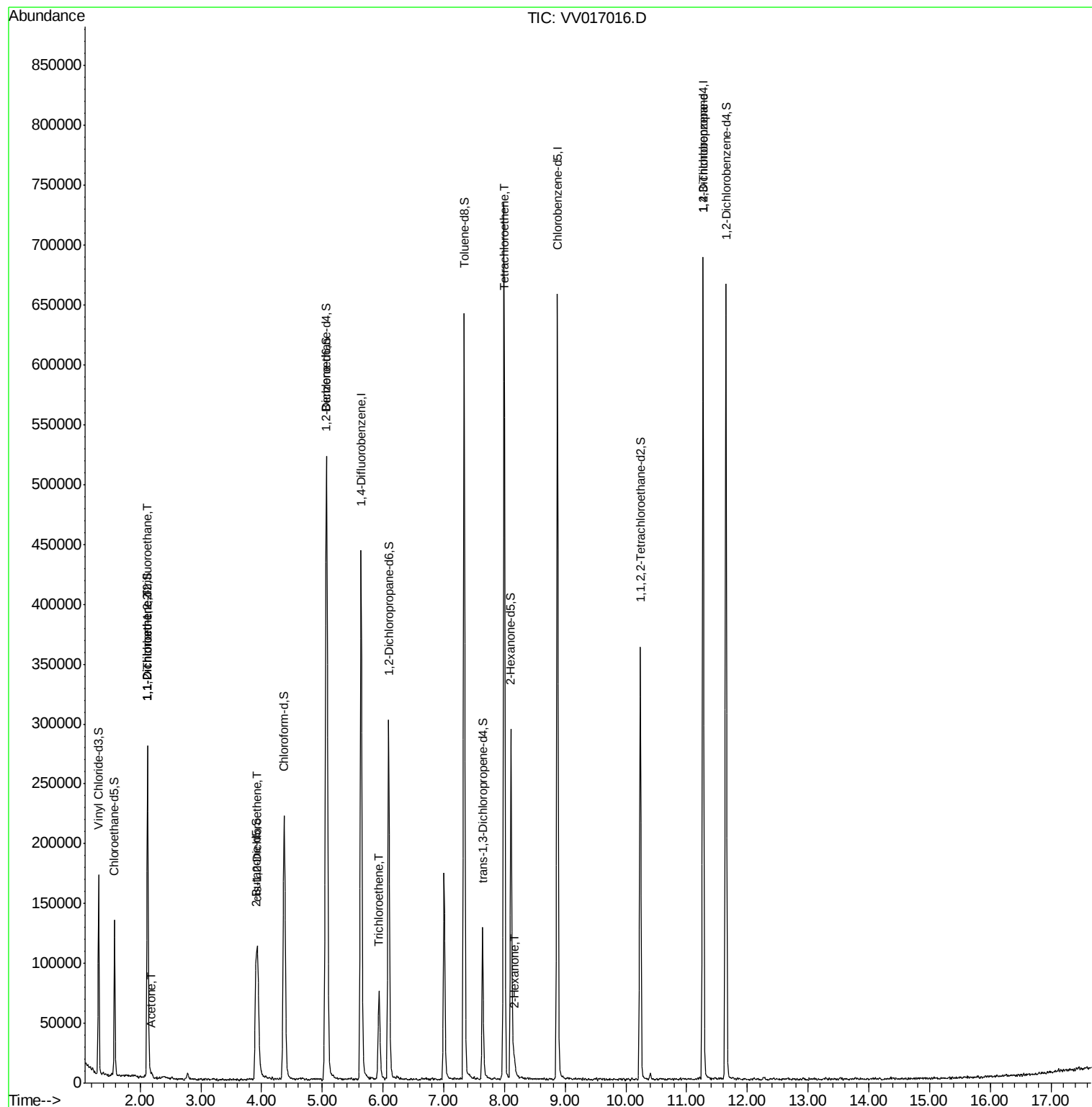
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1498	0.783 ug/L #	21
12) 1,1-Dichloroethene	2.12	96	1501	0.841 ug/L #	1
13) Acetone	2.19	43	2847	2.300 ug/L	80
20) cis-1,2-Dichloroethene	3.93	96	38892	14.656 ug/L	99
34) Trichloroethene	5.94	95	20505	7.576 ug/L	96
46) Tetrachloroethene	7.99	164	160509	75.404 ug/L	97
48) 2-Hexanone	8.16	43	8290	2.875 ug/L #	88
59) 1,2,3-Trichloropropane	11.27	75	19598	6.019 ug/L	90

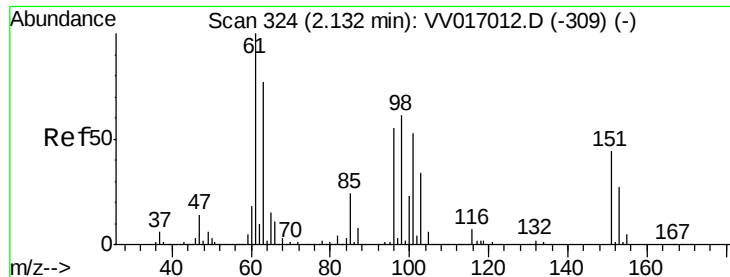
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 23 03:22:30 2020
Response via : Initial Calibration





#10

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

Concen: 0.783 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017016.D

Acq: 22 Jun 2020 13:08

Instrument :

MSVOA_V

ClientSampled :

F9M05

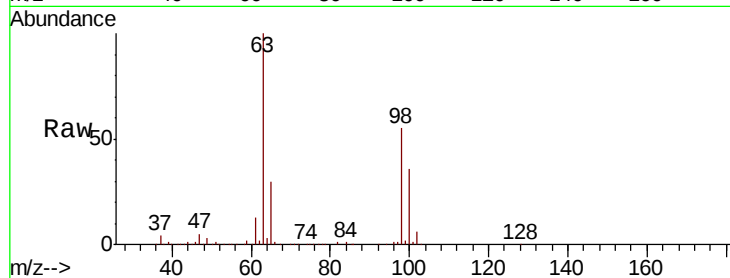
Tot Ion:101 Resp: 1498

Ion Ratio Lower Upper

101 100

85 2.8 35.5 53.3#

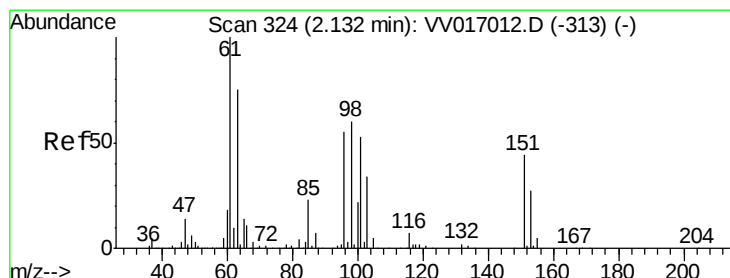
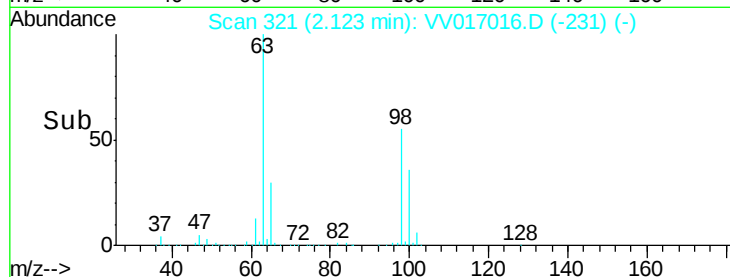
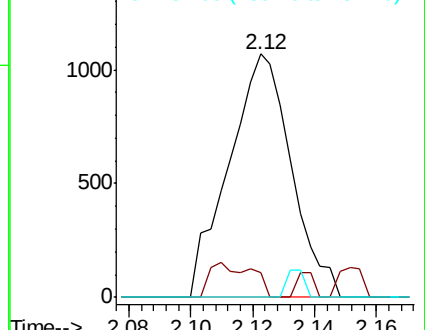
151 3.1 63.9 95.9#



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: 0.841 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017016.D

Acq: 22 Jun 2020 13:08

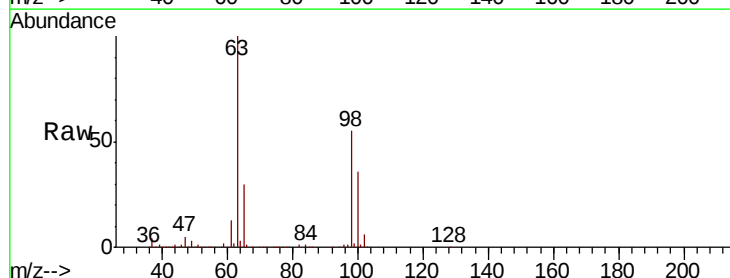
Tgt Ion: 96 Resp: 1501

Ion Ratio Lower Upper

96 100

61 1616.5 130.4 242.2#

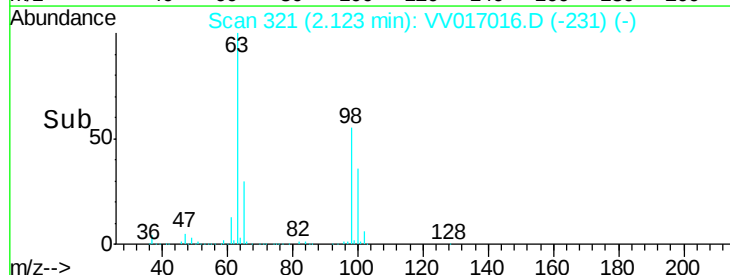
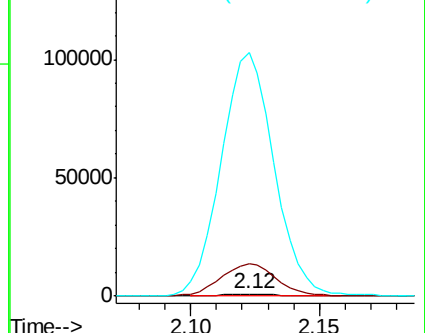
63 12384.1 103.3 191.9#

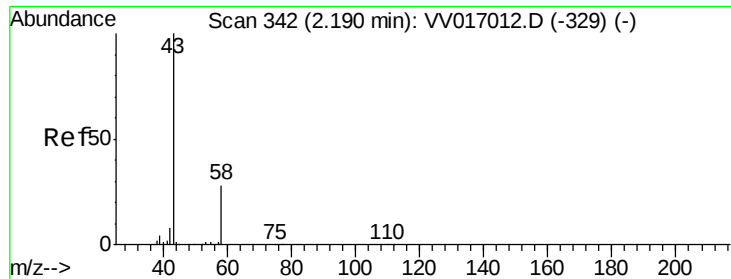


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.300 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV017016.D

Acq: 22 Jun 2020 13:08

Instrument :

MSVOA_V

ClientSampleId :

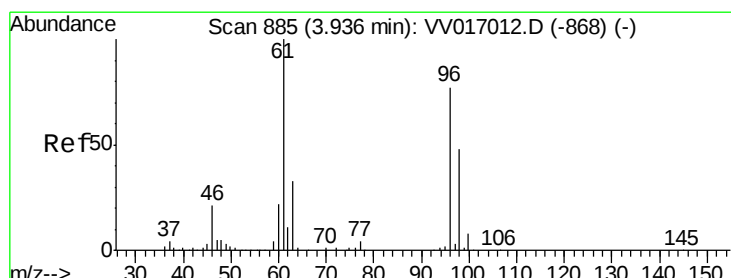
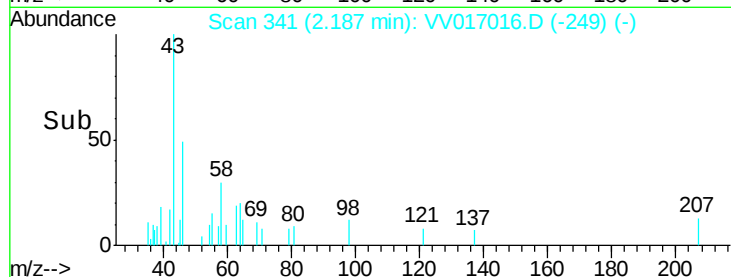
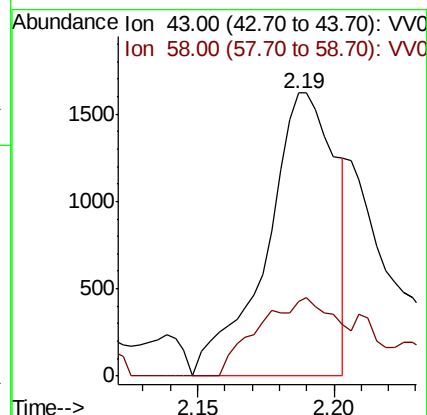
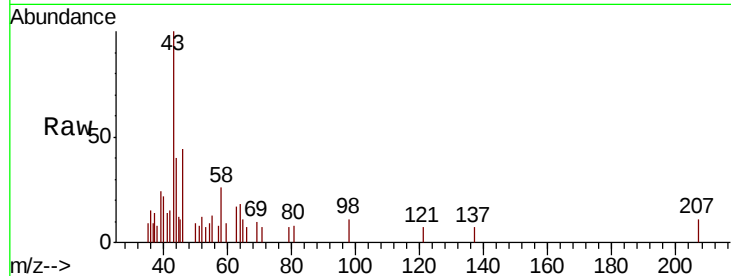
F9M05

Tot Ion: 43 Resp: 2847

Ion Ratio Lower Upper

43 100

58 17.2 0.0 55.2



#20

cis-1,2-Dichloroethene

Concen: 14.656 ug/L

RT: 3.93 min Scan# 884

Delta R.T. -0.00 min

Lab File: VV017016.D

Acq: 22 Jun 2020 13:08

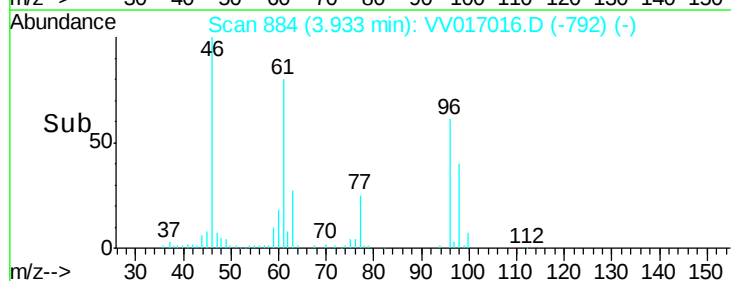
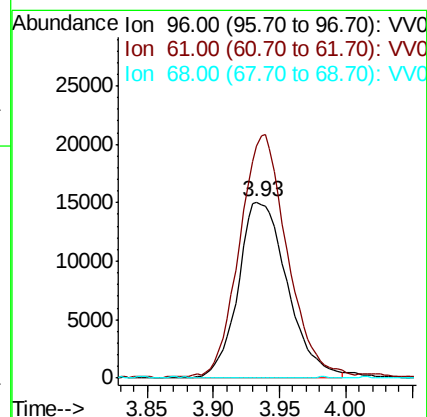
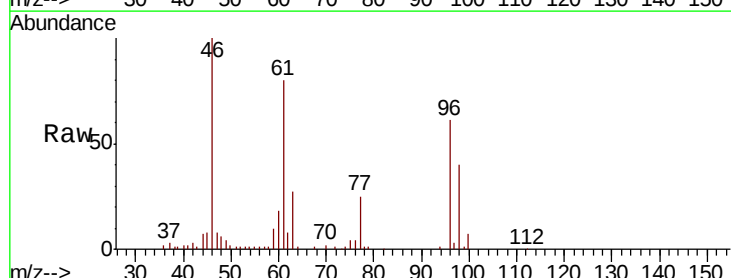
Tgt Ion: 96 Resp: 38892

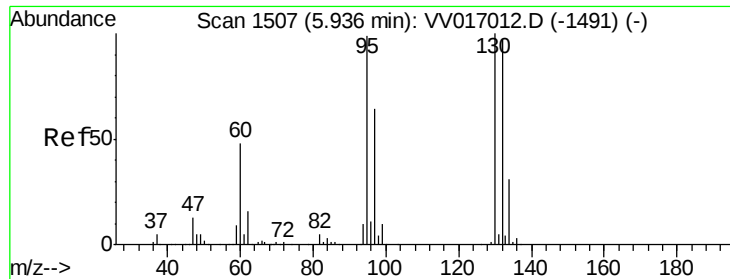
Ion Ratio Lower Upper

96 100

61 131.6 93.4 173.4

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 7.576 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017016.D

Acq: 22 Jun 2020 13:08

Instrument :

MSVOA_V

ClientSampleId :

F9M05

Tot Ion: 95 Resp: 20505

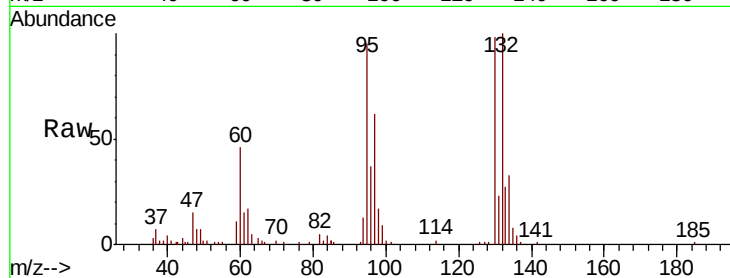
Ion Ratio Lower Upper

95 100

97 65.3 44.3 82.3

132 105.8 67.9 126.1

130 103.4 72.2 134.2

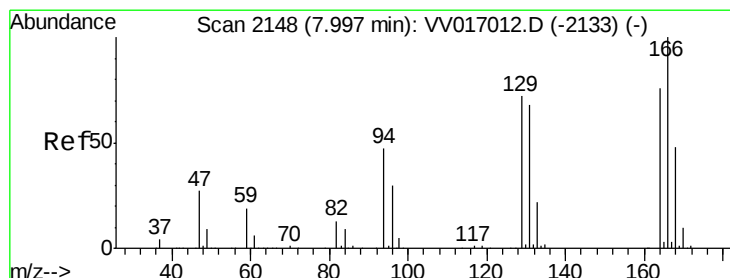
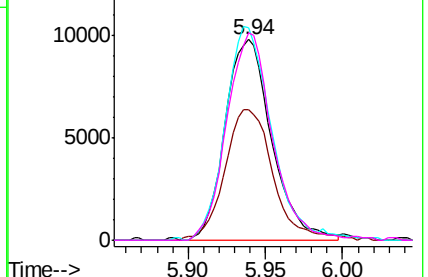
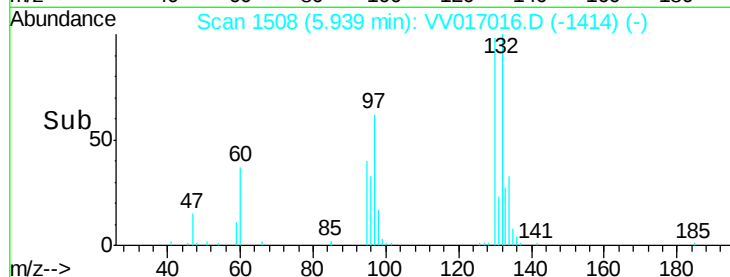


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 75.404 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. -0.00 min

Lab File: VV017016.D

Acq: 22 Jun 2020 13:08

Tgt Ion: 164 Resp: 160509

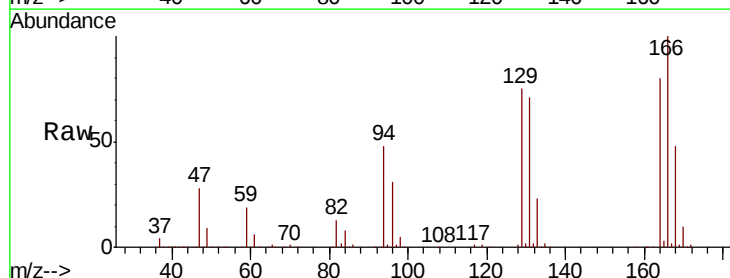
Ion Ratio Lower Upper

164 100

129 94.1 67.0 124.4

131 89.7 64.8 120.3

166 125.6 90.4 167.8

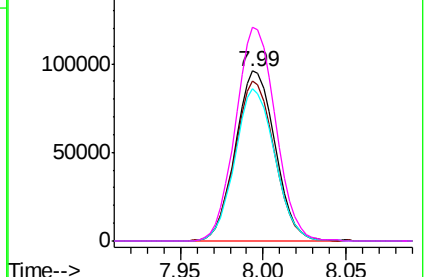
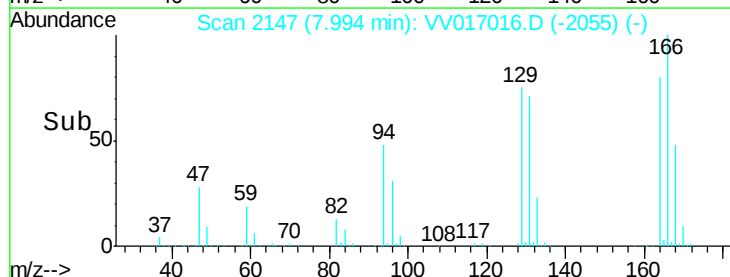


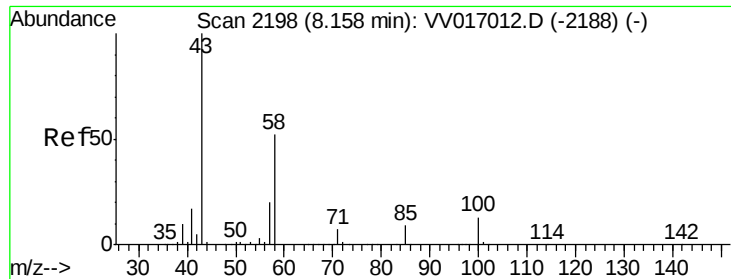
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

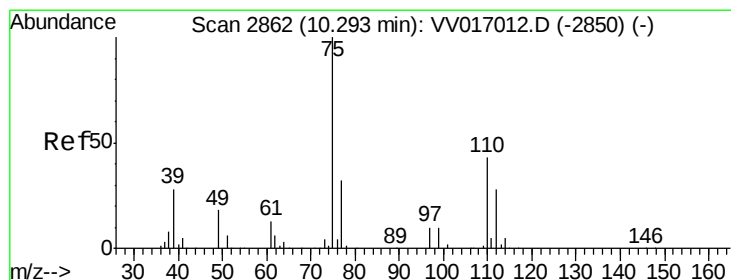
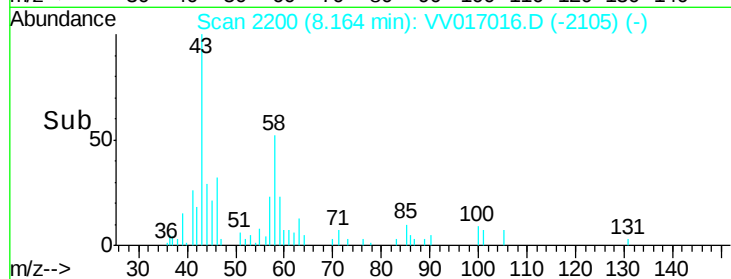
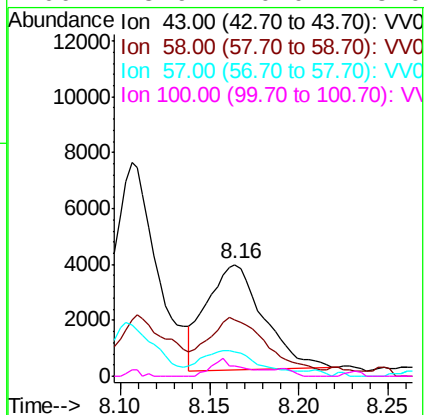
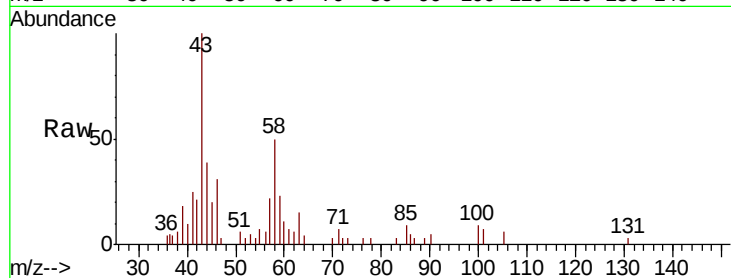




#48
2-Hexanone
Concen: 2.875 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV017016.D
Acq: 22 Jun 2020 13:08

Instrument :
MSVOA_V
ClientSampled :
F9M05

Tot Ion: 43 Resp: 8290
Ion Ratio Lower Upper
43 100
58 60.9 43.1 64.7
57 25.8 15.3 22.9#
100 5.9 10.0 15.0#



#59
1,2,3-Trichloropropane
Concen: 6.019 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV017016.D
Acq: 22 Jun 2020 13:08

Tgt Ion: 75 Resp: 19598
Ion Ratio Lower Upper
75 100
77 38.2 26.1 39.1

