

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042420\
 Data File : VV015678.D
 Acq On : 24 Apr 2020 16:54
 Operator : SY/MD
 Sample : L2370-17
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKN3

Quant Time: Apr 25 03:03:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 25 00:15:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	125186	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	120719	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	58960	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	28717	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.58	69	29276	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.12	63	45755	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	3.91	46	116863	55.63	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.26%
24) Chloroform-d	4.38	84	71829	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.06	65	43315	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.08	84	133739	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.10	67	44669	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.34	98	124930	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	7.64	79	14532	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.11	63	90240	51.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.96%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	33861	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	49141	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

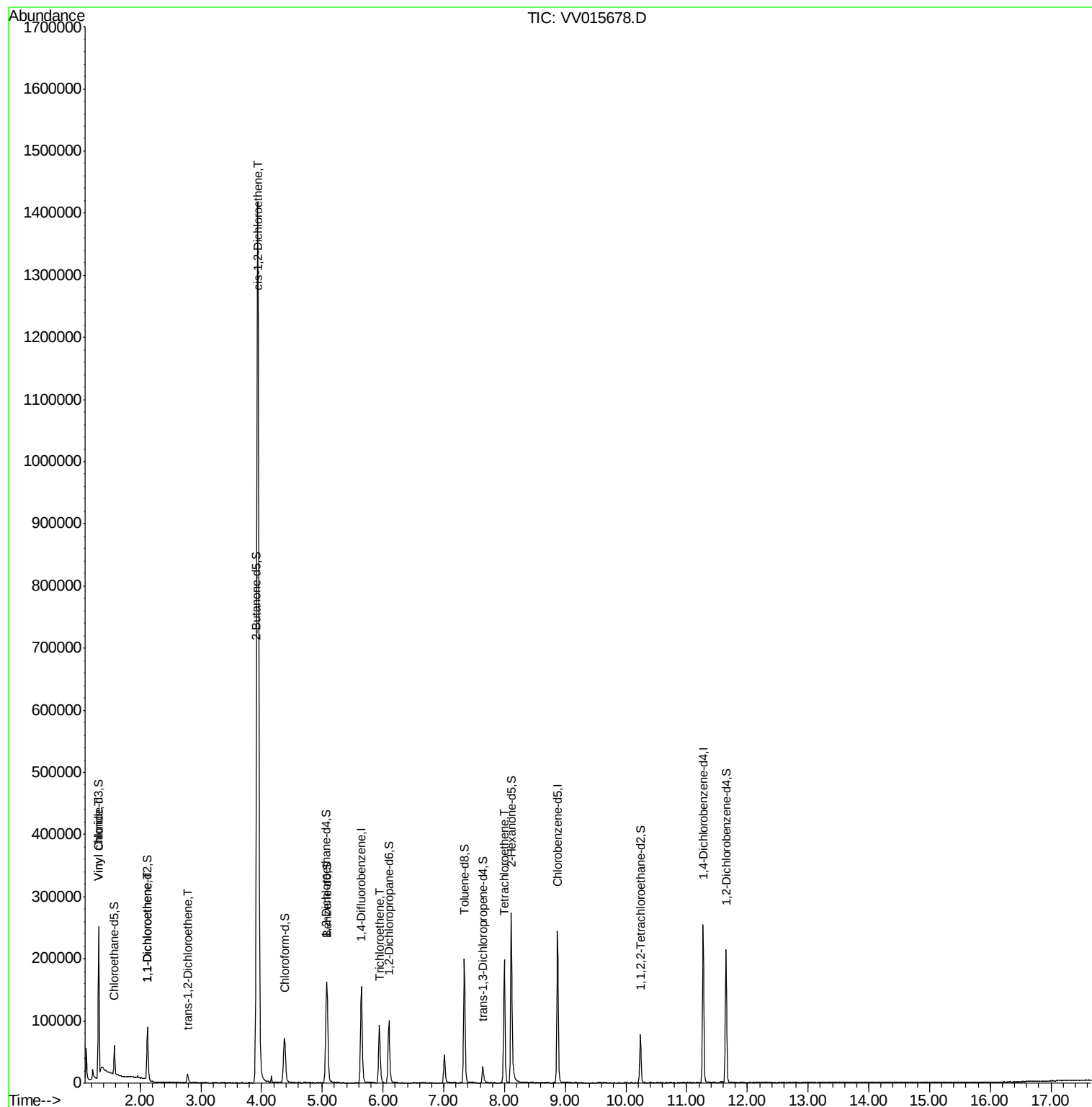
					Ovalue
5) Vinyl chloride	1.32	62	125464	12.664 ug/L	98
12) 1,1-Dichloroethene	2.13	96	1825	0.250 ug/L #	1
18) trans-1,2-Dichloroethene	2.78	96	4521	0.554 ug/L	91
22) cis-1,2-Dichloroethene	3.94	96	729861	80.915 ug/L	97
34) Trichloroethene	5.94	95	31578	3.315 ug/L	99
47) Tetrachloroethene	8.00	164	40774	5.945 ug/L	95

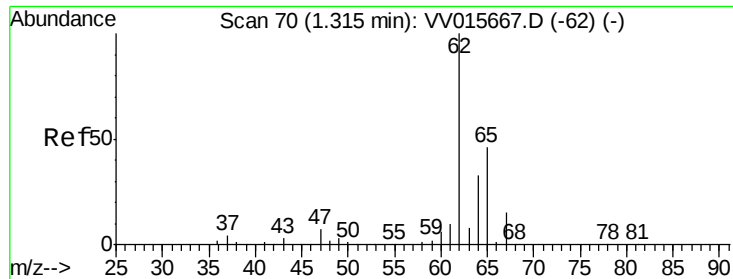
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 12.664 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

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Acq: 24 Apr 2020 16:54

Instrument :

MSVOA_V

ClientSampleId :

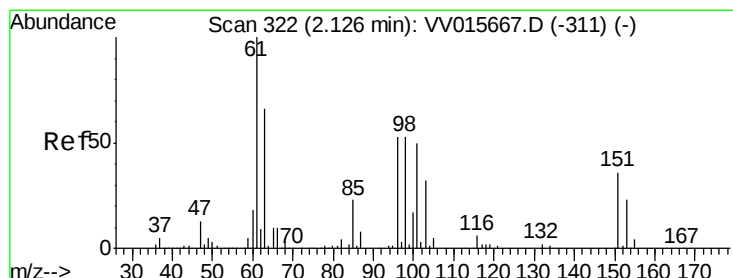
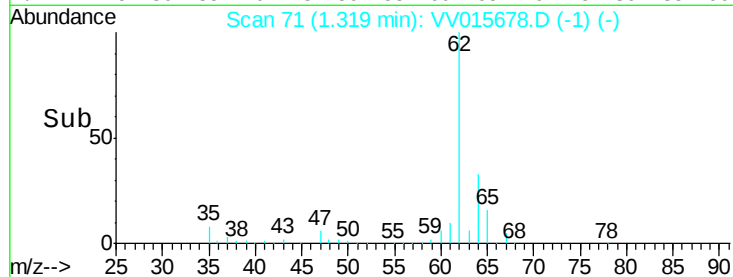
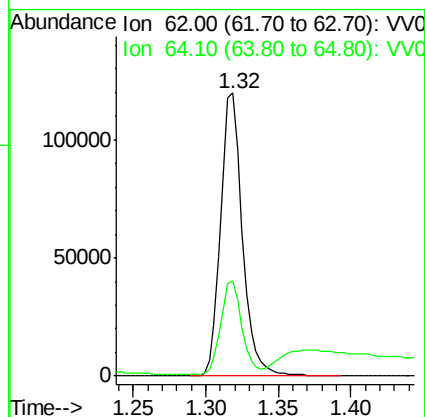
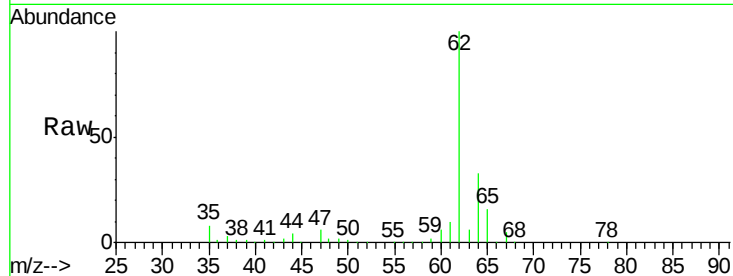
ETKN3

Tot Ion: 62 Resp: 125464

Ion Ratio Lower Upper

62 100

64 33.5 22.7 42.1



#12

1,1-Dichloroethene

Concen: 0.250 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV015678.D

Acq: 24 Apr 2020 16:54

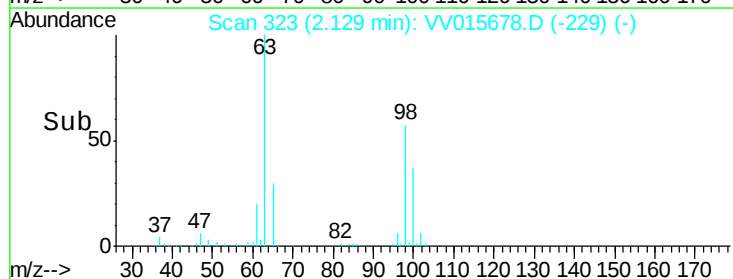
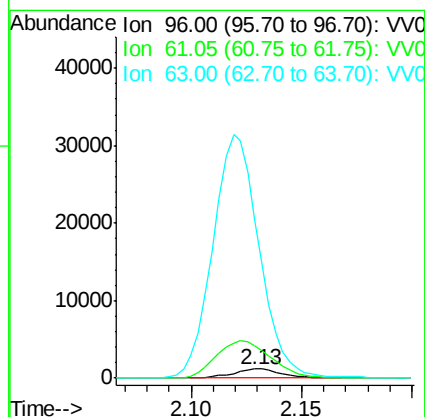
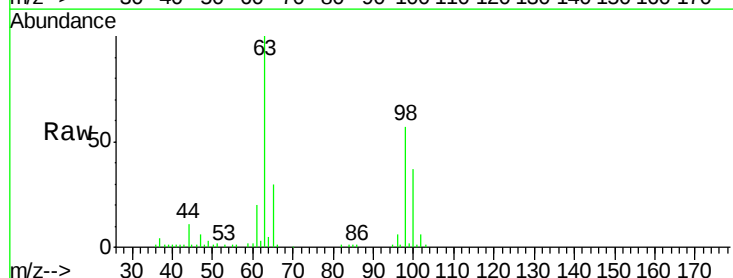
Tgt Ion: 96 Resp: 1825

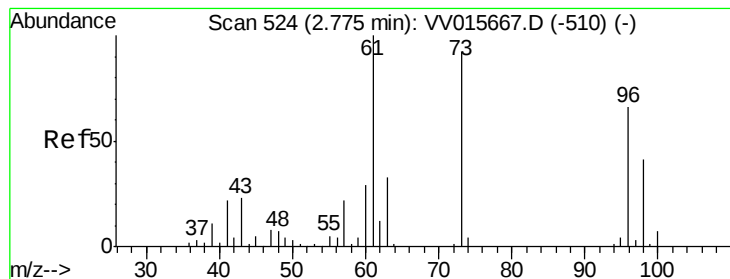
Ion Ratio Lower Upper

96 100

61 360.1 130.1 241.7#

63 1760.3 91.4 169.8#





#18

trans-1,2-Dichloroethene

Concen: 0.554 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

Lab File: VV015678.D

Acq: 24 Apr 2020 16:54

Instrument :

MSVOA_V

ClientSampleId :

ETKN3

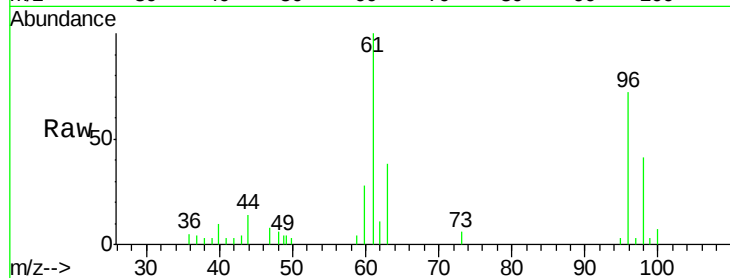
Tot Ion: 96 Resp: 4521

Ion Ratio Lower Upper

96 100

61 139.0 105.5 195.9

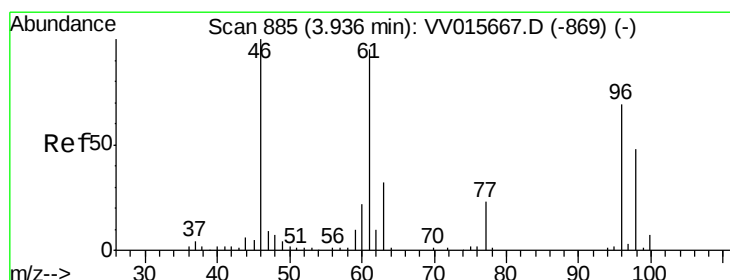
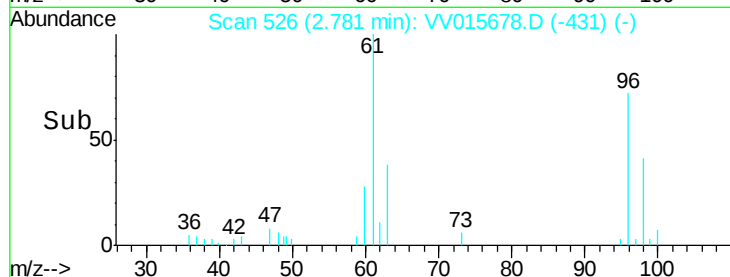
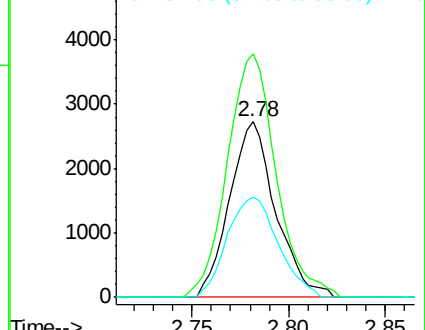
98 57.0 44.2 82.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



#22

cis-1,2-Dichloroethene

Concen: 80.915 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

Lab File: VV015678.D

Acq: 24 Apr 2020 16:54

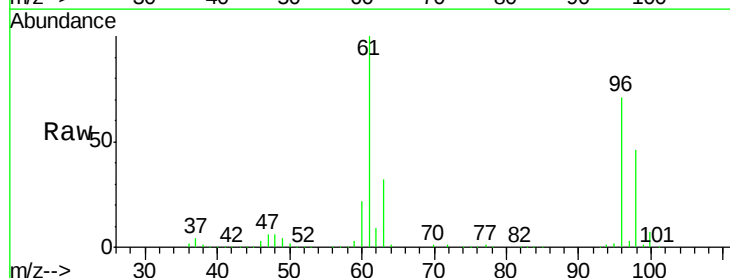
Tgt Ion: 96 Resp: 729861

Ion Ratio Lower Upper

96 100

61 141.1 96.4 179.0

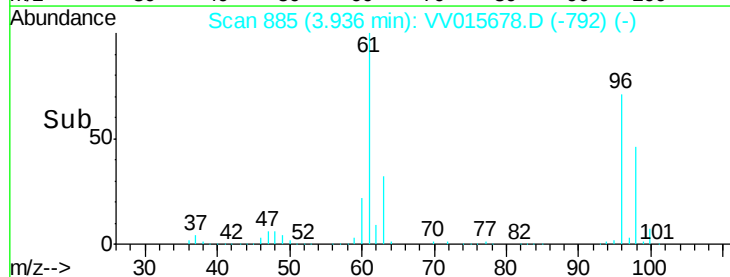
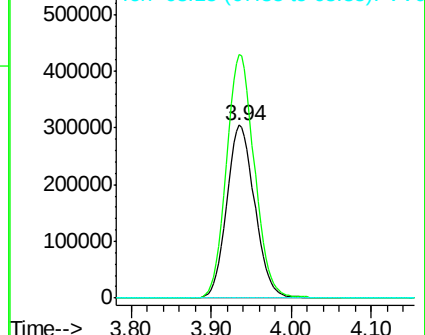
68 0.0 0.0 0.0

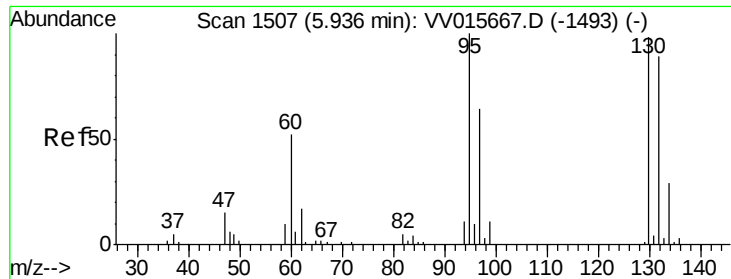


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#34

Trichloroethene

Concen: 3.315 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV015678.D

Acq: 24 Apr 2020 16:54

Instrument :

MSVOA_V

ClientSampleId :

ETKN3

Tot Ion: 95 Resp: 31578

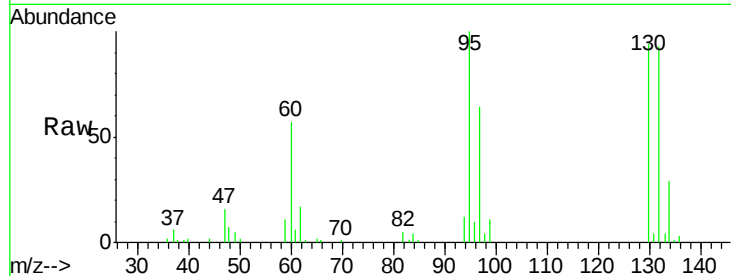
Ion Ratio Lower Upper

95 100

97 63.5 44.7 82.9

132 92.9 65.2 121.0

130 94.0 65.0 120.6

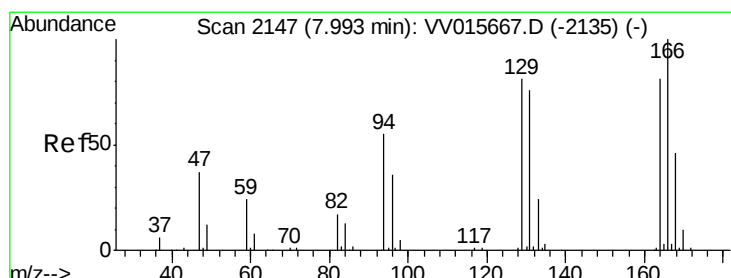
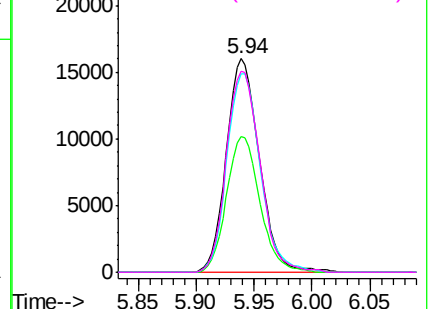
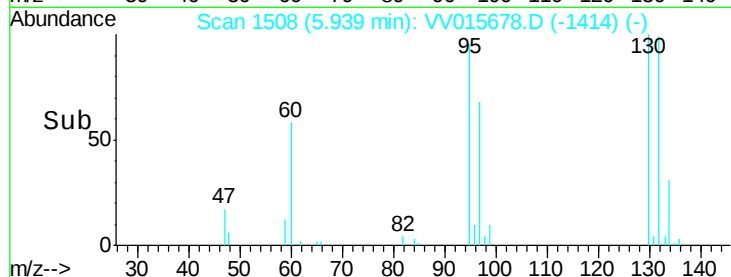


Abundance Ion 95.00 (94.70 to 95.70): VV015667.D (-1493) (-)

Ion 96.95 (96.65 to 97.65): VV015667.D (-1493) (-)

Ion 131.95 (131.65 to 132.65): VV015667.D (-1493) (-)

Ion 129.95 (129.65 to 130.65): VV015667.D (-1493) (-)



#47

Tetrachloroethene

Concen: 5.945 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015678.D

Acq: 24 Apr 2020 16:54

Tgt Ion: 164 Resp: 40774

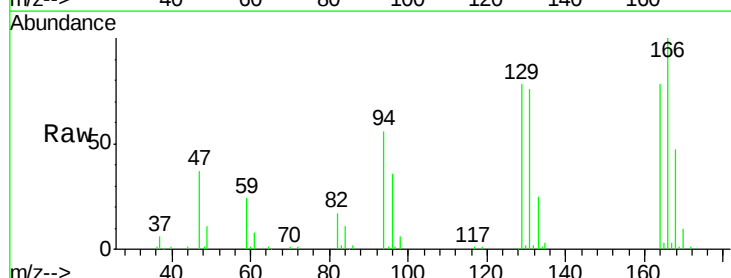
Ion Ratio Lower Upper

164 100

129 100.3 66.7 123.9

131 97.9 66.6 123.6

166 128.7 85.3 158.5



Abundance Ion 163.90 (163.60 to 164.60): VV015667.D (-2135) (-)

Ion 128.95 (128.65 to 129.65): VV015667.D (-2135) (-)

Ion 130.95 (130.65 to 131.65): VV015667.D (-2135) (-)

Ion 165.90 (165.60 to 166.60): VV015667.D (-2135) (-)

