

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042420\
 Data File : VV015676.D
 Acq On : 24 Apr 2020 16:07
 Operator : SY/MD
 Sample : L2370-15
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKN1

Quant Time: Apr 25 02:50:20 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	119443	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	115238	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	56227	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	31536	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.58	69	28826	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.12	63	45944	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	3.91	46	103308	51.54	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.08%
24) Chloroform-d	4.38	84	72209	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.06	65	43181	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.08	84	135652	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.10	67	43667	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.34	98	123625	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	7.64	79	14134	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.11	63	81018	48.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.76%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32915	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	48003	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

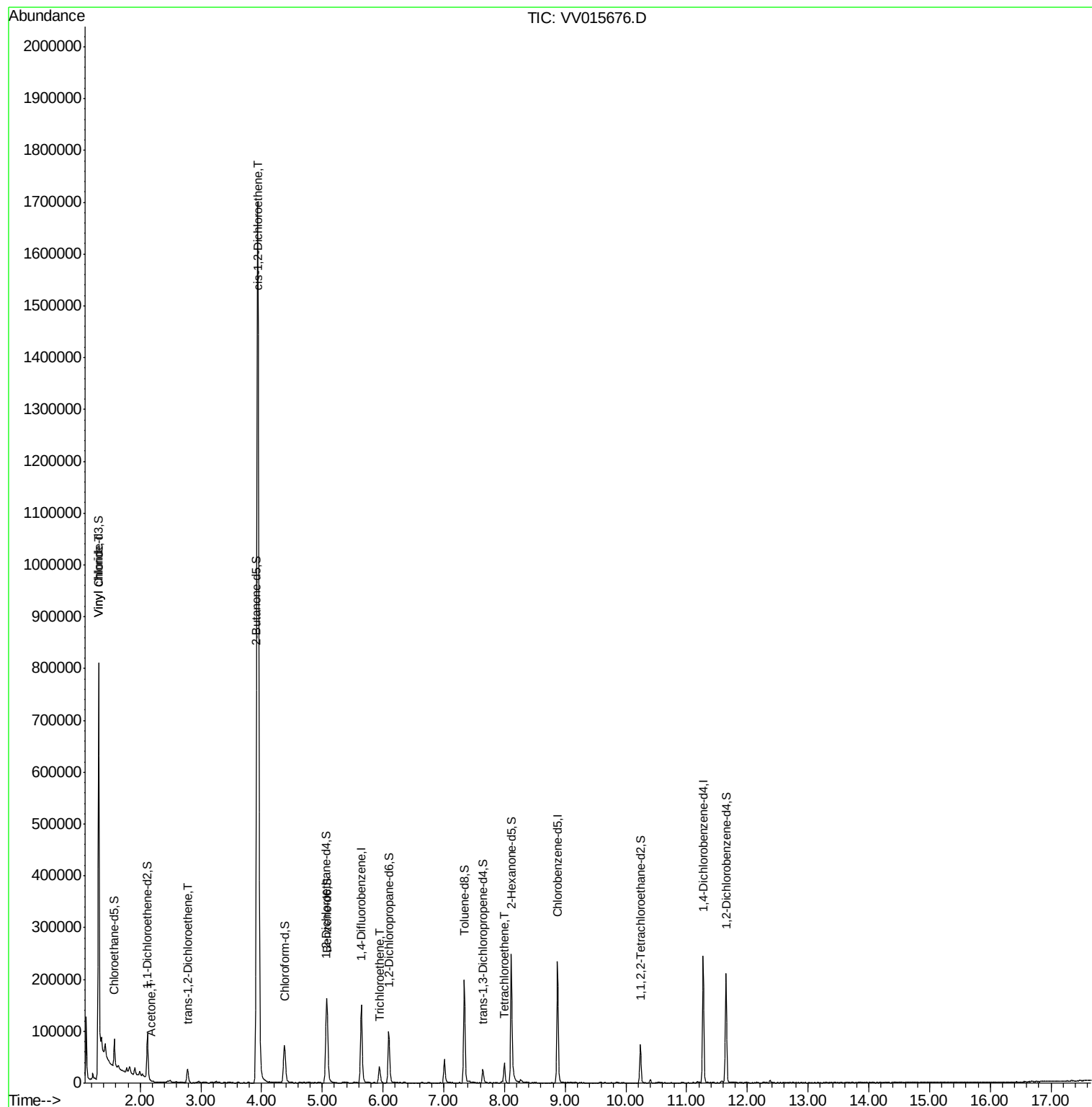
					Ovalue
5) Vinyl chloride	1.32	62	456568	48.299	ug/L 99
13) Acetone	2.19	43	1561	1.122	ug/L 89
18) trans-1,2-Dichloroethene	2.78	96	8006	1.029	ug/L 90
22) cis-1,2-Dichloroethene	3.94	96	877830	101.998	ug/L 97
34) Trichloroethene	5.94	95	10858	1.194	ug/L 98
47) Tetrachloroethene	8.00	164	7725	1.180	ug/L 93

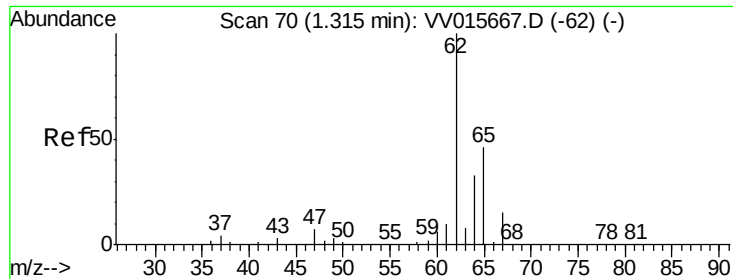
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 48.299 ug/L

RT: 1.32 min Scan# 70

Delta R.T. 0.00 min

Lab File: VV015676.D

Acq: 24 Apr 2020 16:07

Instrument :

MSVOA_V

ClientSampleId :

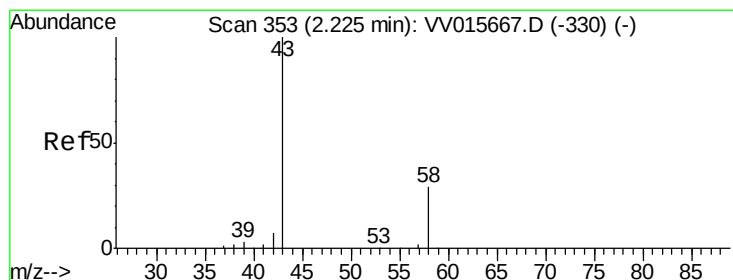
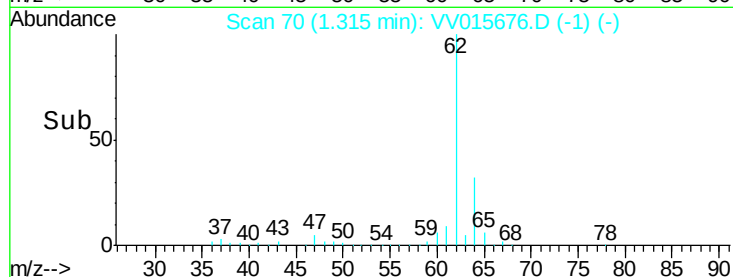
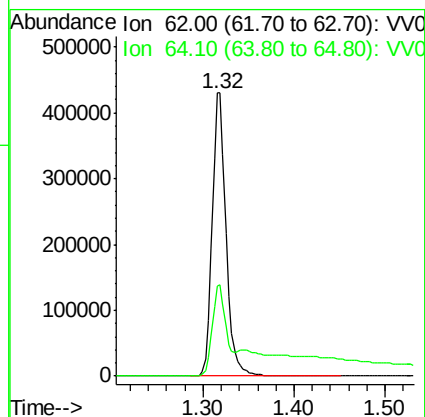
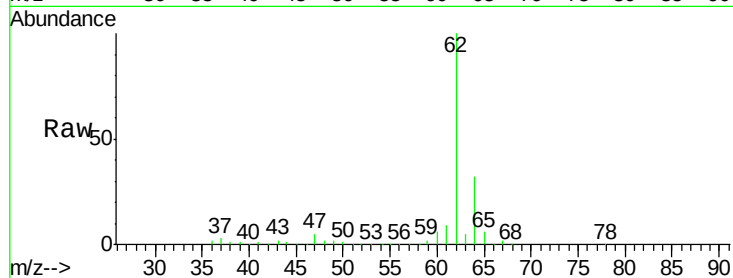
ETKN1

Tot Ion: 62 Resp: 456568

Ion Ratio Lower Upper

62 100

64 32.0 22.7 42.1



#13

Acetone

Concen: 1.122 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

Lab File: VV015676.D

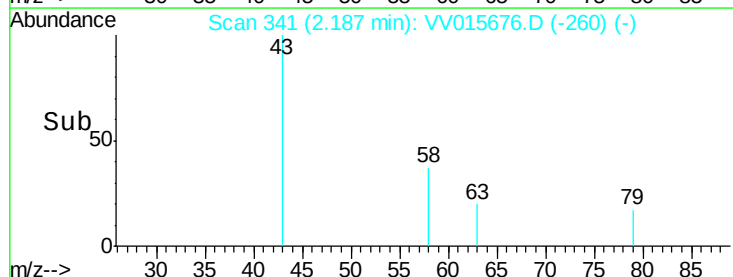
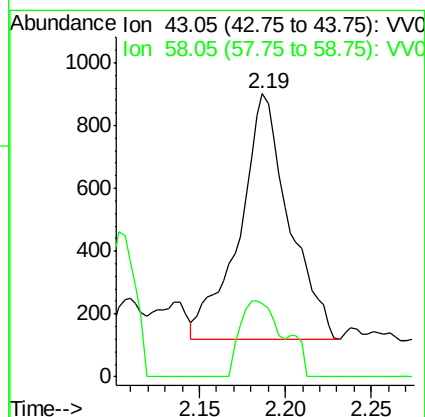
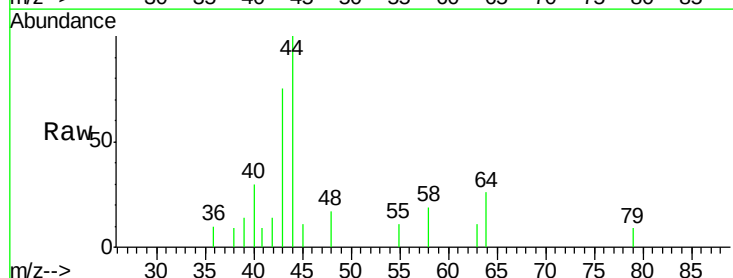
Acq: 24 Apr 2020 16:07

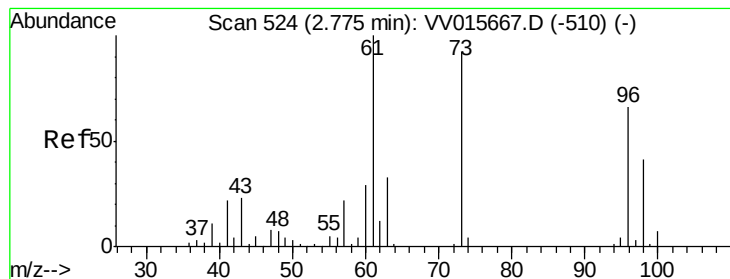
Tgt Ion: 43 Resp: 1561

Ion Ratio Lower Upper

43 100

58 23.0 0.0 57.6





#18

trans-1,2-Dichloroethene

Concen: 1.029 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

Lab File: VV015676.D

Acq: 24 Apr 2020 16:07

Instrument :

MSVOA_V

ClientSampled :

ETKN1

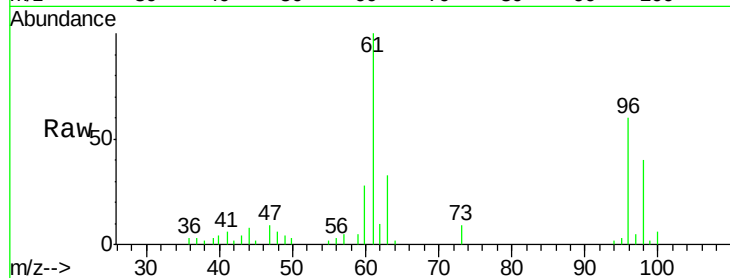
Tot Ion: 96 Resp: 8006

Ion Ratio Lower Upper

96 100

61 165.6 105.5 195.9

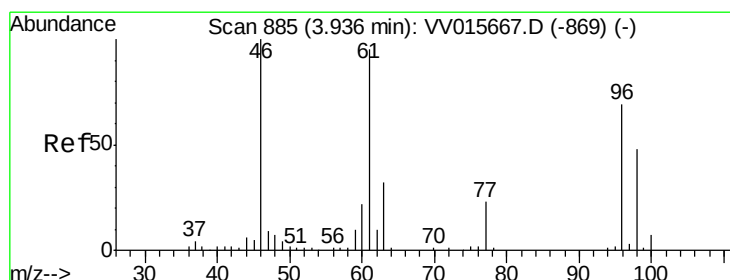
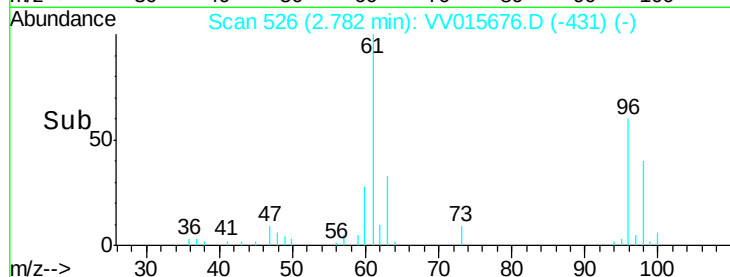
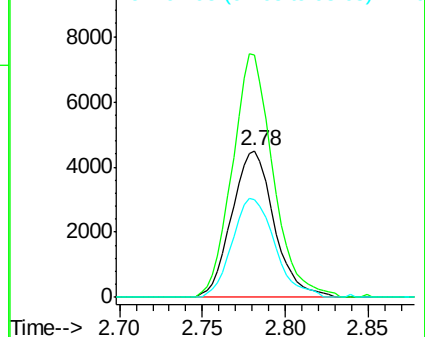
98 66.9 44.2 82.0



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: 101.998 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

Lab File: VV015676.D

Acq: 24 Apr 2020 16:07

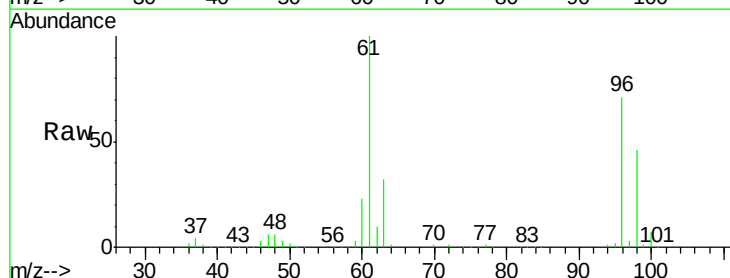
Tgt Ion: 96 Resp: 877830

Ion Ratio Lower Upper

96 100

61 140.8 96.4 179.0

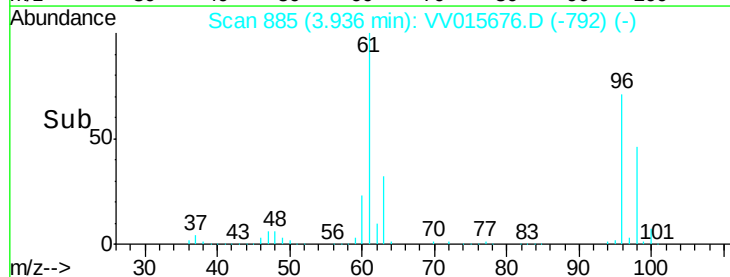
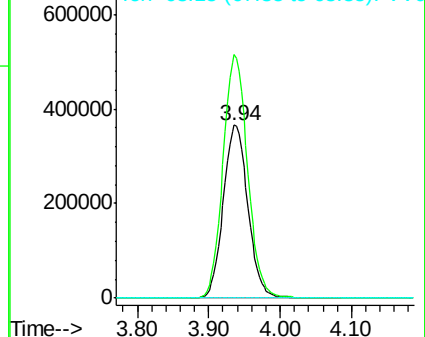
68 0.0 0.0 0.0

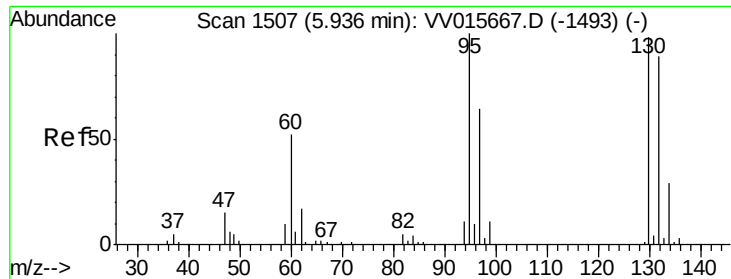


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#34

Trichloroethene

Concen: 1.194 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV015676.D

Acq: 24 Apr 2020 16:07

Instrument :

MSVOA_V

ClientSampleId :

ETKN1

Tot Ion: 95 Resp: 10858

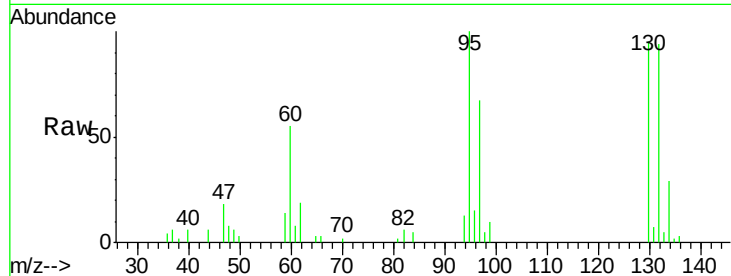
Ion Ratio Lower Upper

95 100

97 66.7 44.7 82.9

132 93.8 65.2 121.0

130 94.7 65.0 120.6

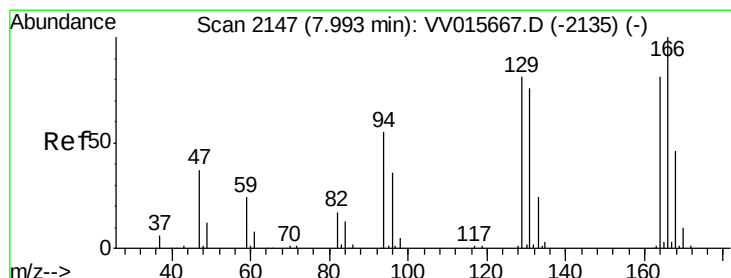
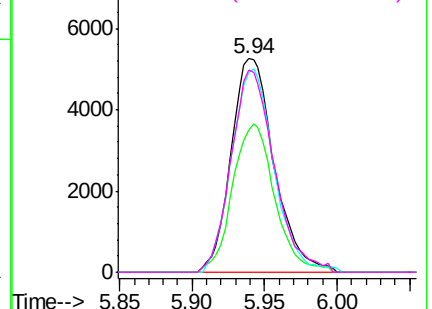
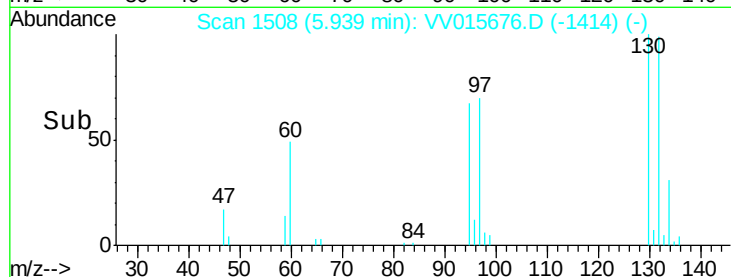


Abundance Ion 95.00 (94.70 to 95.70): VV015676.D (-1414) (-)

Ion 96.95 (96.65 to 97.65): VV015676.D (-1414) (-)

Ion 131.95 (131.65 to 132.65): VV015676.D (-1414) (-)

Ion 129.95 (129.65 to 130.65): VV015676.D (-1414) (-)



#47

Tetrachloroethene

Concen: 1.180 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV015676.D

Acq: 24 Apr 2020 16:07

Tgt Ion: 164 Resp: 7725

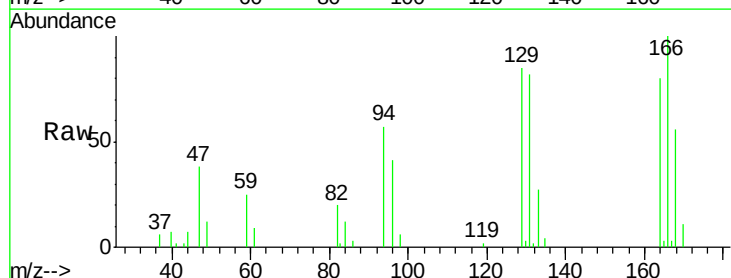
Ion Ratio Lower Upper

164 100

129 105.8 66.7 123.9

131 102.1 66.6 123.6

166 124.9 85.3 158.5



Abundance Ion 163.90 (163.60 to 164.60): VV015676.D (-2054) (-)

Ion 128.95 (128.65 to 129.65): VV015676.D (-2054) (-)

Ion 130.95 (130.65 to 131.65): VV015676.D (-2054) (-)

Ion 165.90 (165.60 to 166.60): VV015676.D (-2054) (-)

