

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042420\
 Data File : VV015679.D
 Acq On : 24 Apr 2020 17:17
 Operator : SY/MD
 Sample : L2370-18
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKN5

Quant Time: Apr 25 03:08:52 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	120762	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	116203	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	57219	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	27396	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.58	69	29403	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.12	63	46297	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	3.91	46	117431	57.95	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.90%
24) Chloroform-d	4.38	84	73028	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.06	65	43293	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.08	84	135546	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.09	67	43496	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.34	98	123385	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.64	79	14496	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.11	63	88548	52.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.96%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	34689	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	49406	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

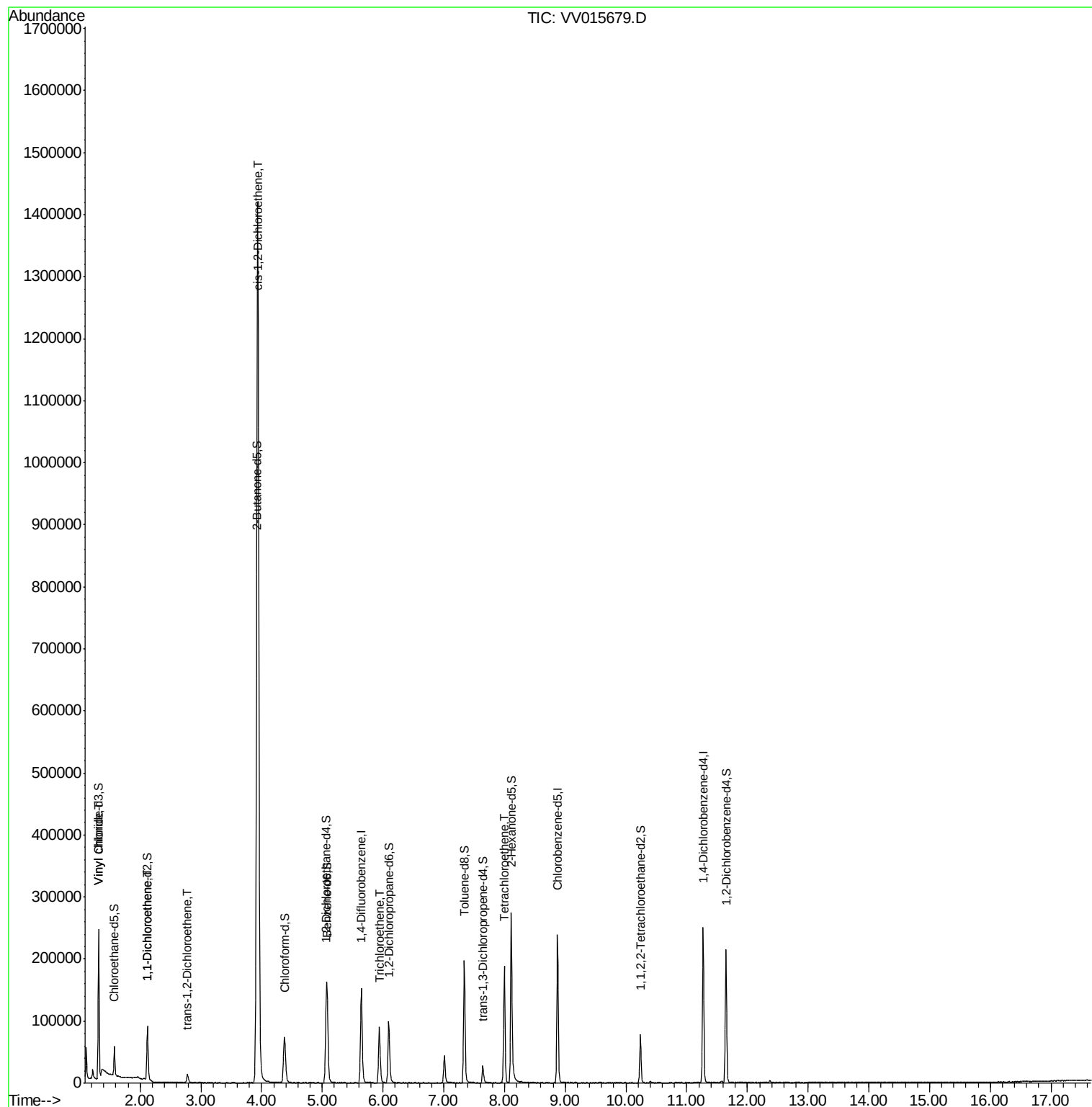
					Ovalue
5) Vinyl chloride	1.32	62	123325	12.904	ug/L 100
12) 1,1-Dichloroethene	2.13	96	1836	0.261	ug/L # 1
18) trans-1,2-Dichloroethene	2.78	96	4572	0.581	ug/L 95
22) cis-1,2-Dichloroethene	3.94	96	734466	84.408	ug/L 97
34) Trichloroethene	5.94	95	30662	3.344	ug/L 98
47) Tetrachloroethene	8.00	164	37795	5.725	ug/L 96

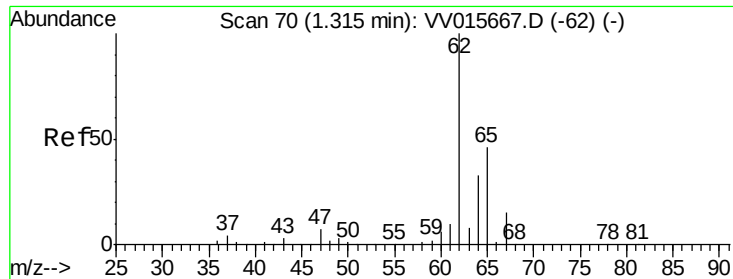
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 25 00:15:39 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 12.904 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

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Acq: 24 Apr 2020 17:17

Instrument :

MSVOA_V

ClientSampleId :

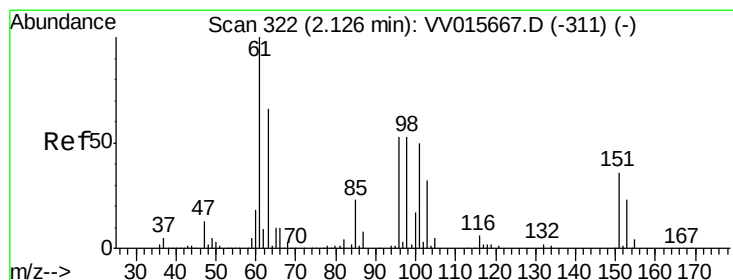
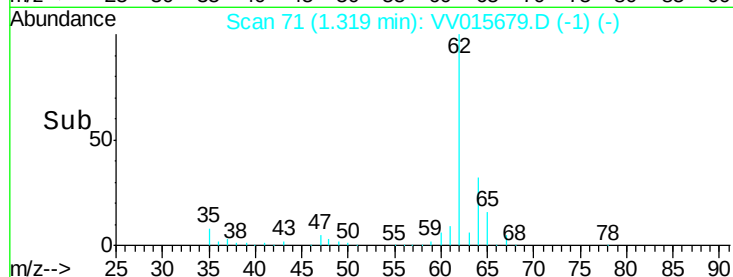
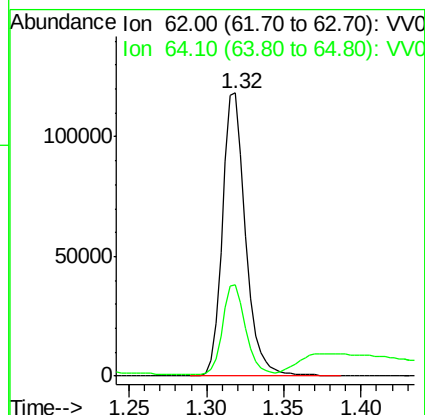
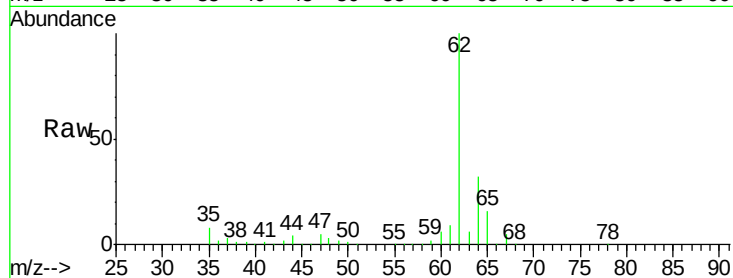
ETKN5

Tot Ion: 62 Resp: 123325

Ion Ratio Lower Upper

62 100

64 32.4 22.7 42.1



#12

1,1-Dichloroethene

Concen: 0.261 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.01 min

Lab File: VV015679.D

Acq: 24 Apr 2020 17:17

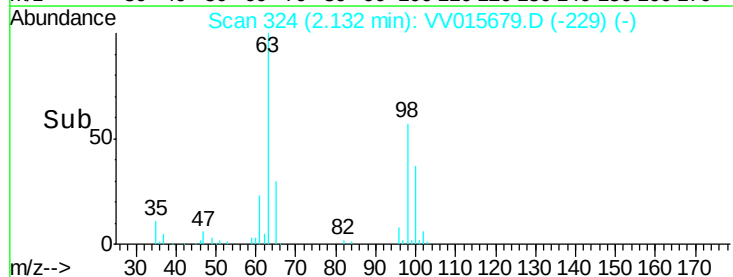
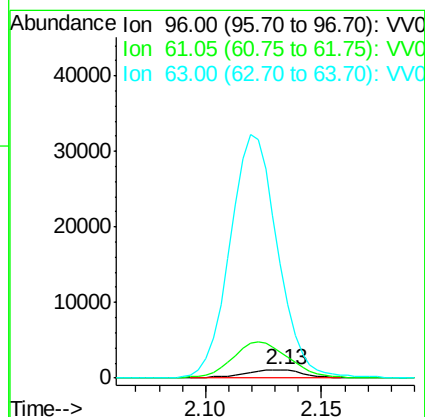
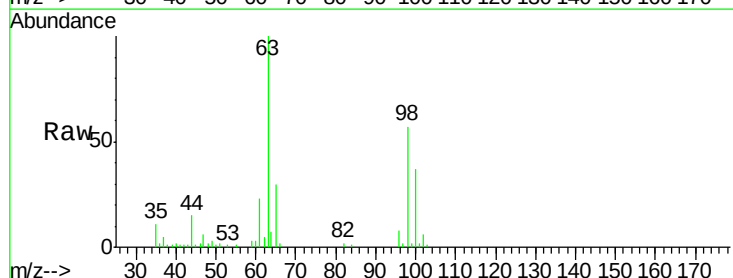
Tgt Ion: 96 Resp: 1836

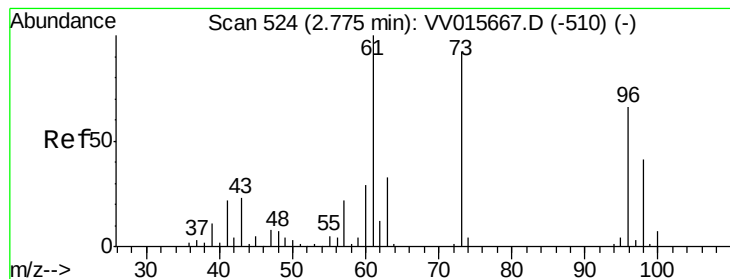
Ion Ratio Lower Upper

96 100

61 303.3 130.1 241.7#

63 1319.0 91.4 169.8#





#18

trans-1,2-Dichloroethene

Concen: 0.581 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

Lab File: VV015679.D

Acq: 24 Apr 2020 17:17

Instrument :

MSVOA_V

ClientSampleId :

ETKN5

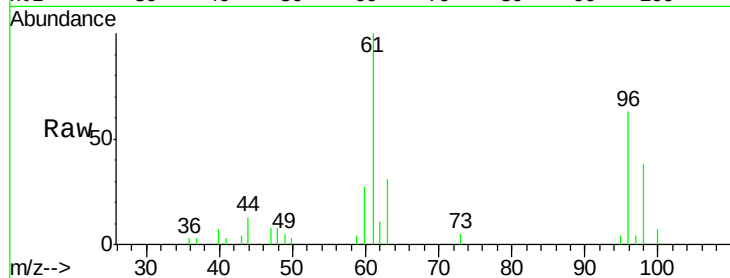
Tot Ion: 96 Resp: 4572

Ion Ratio Lower Upper

96 100

61 158.5 105.5 195.9

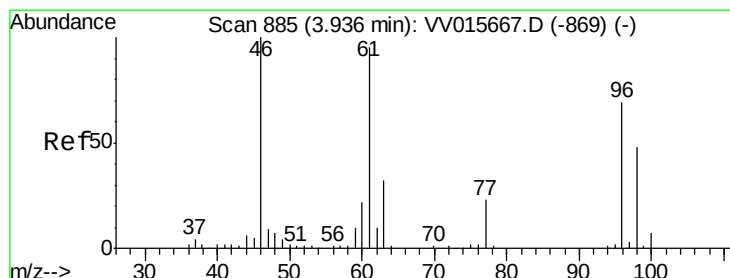
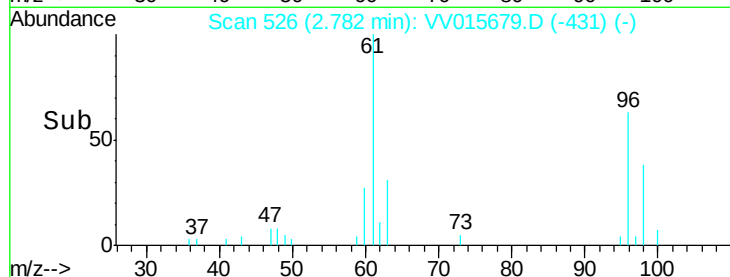
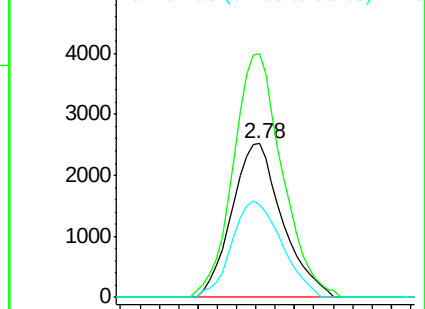
98 60.4 44.2 82.0



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: 84.408 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

Lab File: VV015679.D

Acq: 24 Apr 2020 17:17

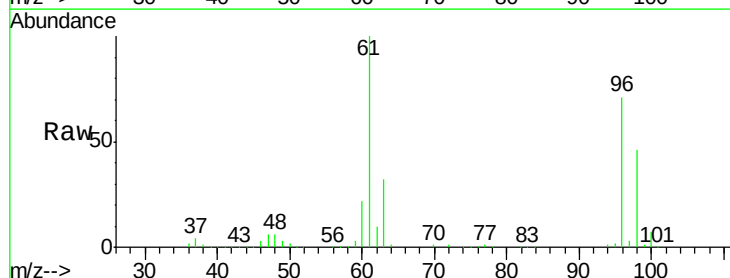
Tgt Ion: 96 Resp: 734466

Ion Ratio Lower Upper

96 100

61 141.1 96.4 179.0

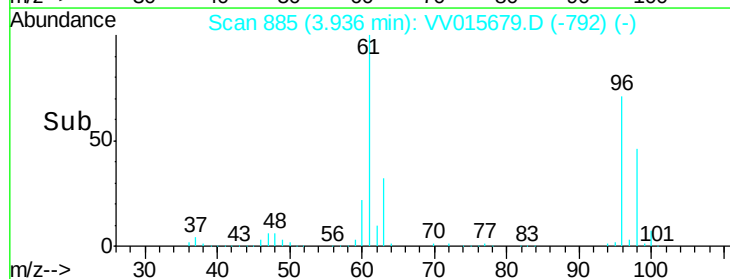
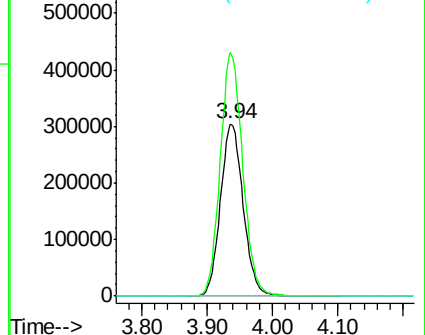
68 0.0 0.0 0.0

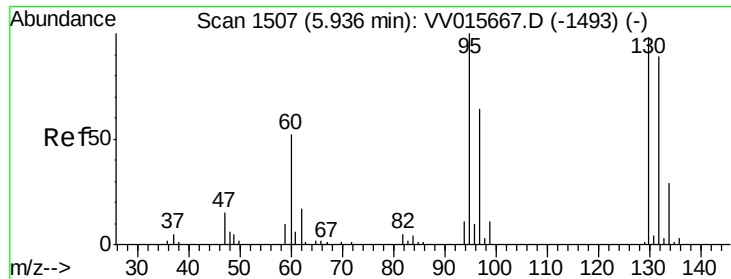


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#34

Trichloroethene

Concen: 3.344 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV015679.D

Acq: 24 Apr 2020 17:17

Instrument :

MSVOA_V

ClientSampleId :

ETKN5

Tot Ion: 95 Resp: 30662

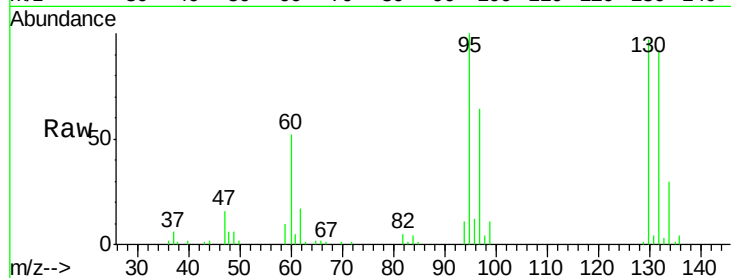
Ion Ratio Lower Upper

95 100

97 63.6 44.7 82.9

132 92.3 65.2 121.0

130 97.2 65.0 120.6

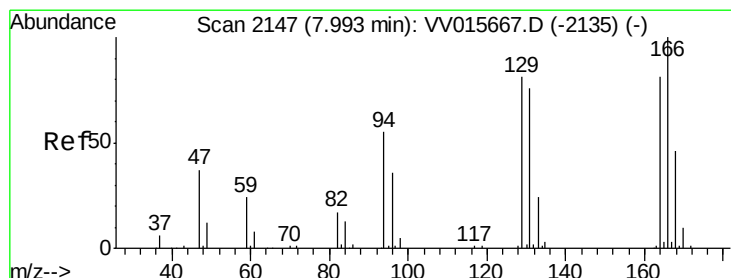
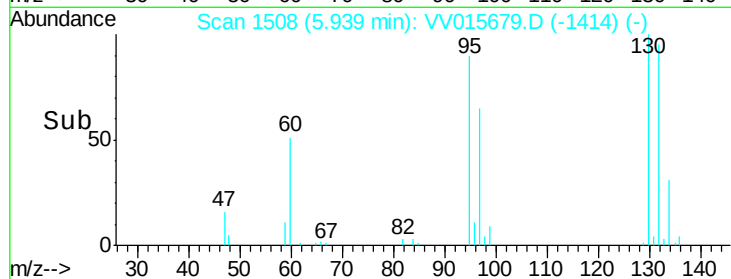
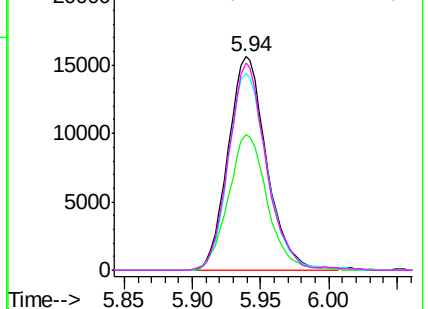


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#47

Tetrachloroethene

Concen: 5.725 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015679.D

Acq: 24 Apr 2020 17:17

Tgt Ion: 164 Resp: 37795

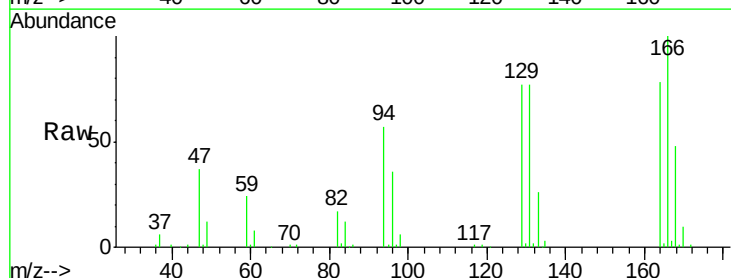
Ion Ratio Lower Upper

164 100

129 97.7 66.7 123.9

131 97.8 66.6 123.6

166 127.5 85.3 158.5



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

