

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070120\
 Data File : VV017293.D
 Acq On : 01 Jul 2020 16:46
 Operator : SY/MD
 Sample : L3150-12
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETYJ7

Quant Time: Jul 02 05:54:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 02 03:02:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	153142	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	148392	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	69798	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39786	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	1.58	69	35512	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.13	63	61597	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	3.92	46	120080	51.26	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.52%
24) Chloroform-d	4.38	84	102492	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.06	65	57947	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	5.08	84	178499	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.10	67	55056	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.34	98	155240	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
45) trans-1,3-Dichloropropene-	7.64	79	21381	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
48) 2-Hexanone-d5	8.11	63	81211	44.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.80%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40273	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	67978	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

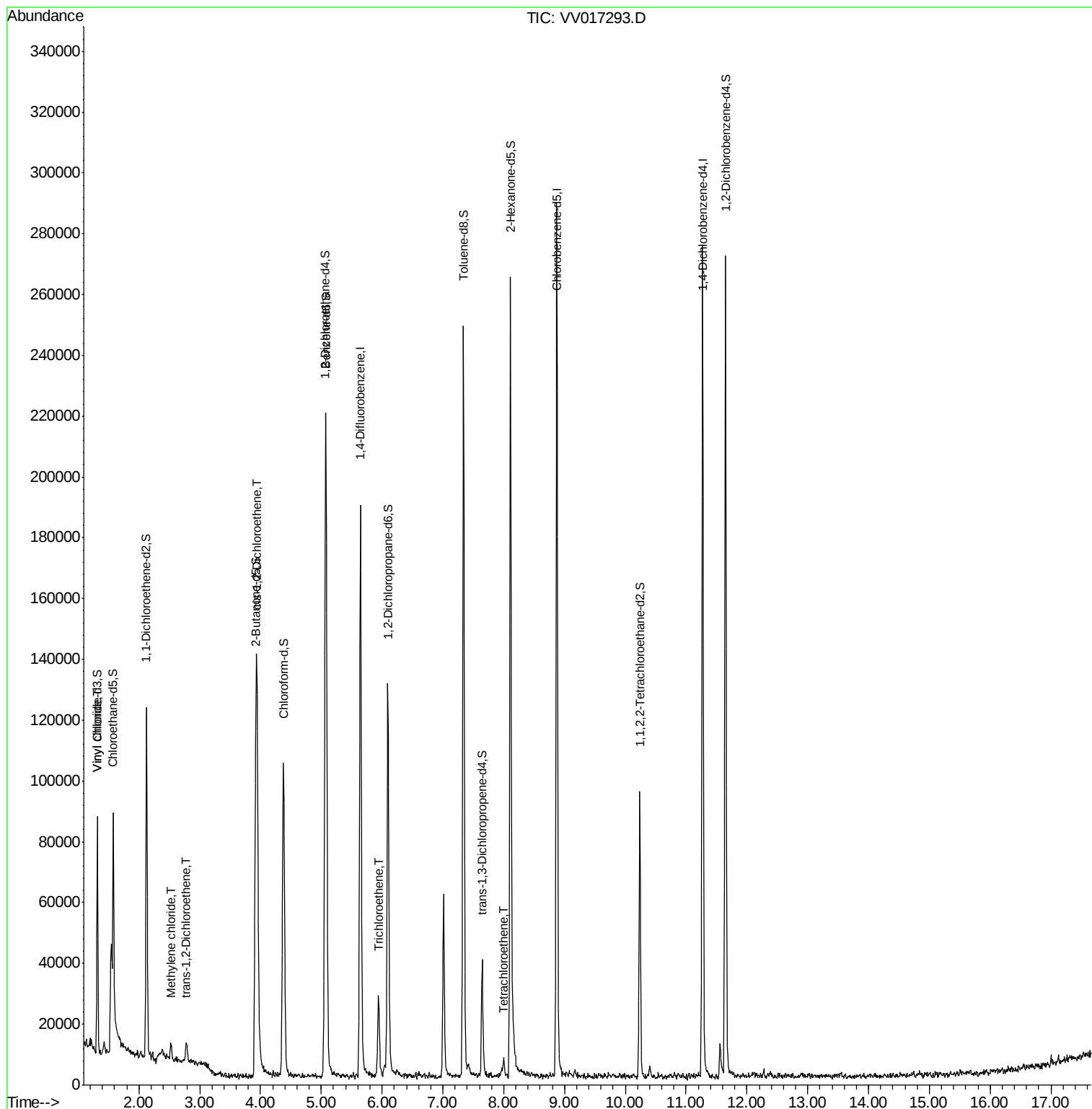
					Ovalue
5) Vinyl chloride	1.32	62	7029	0.699 ug/L #	49
16) Methylene chloride	2.53	84	2321	0.295 ug/L	84
18) trans-1,2-Dichloroethene	2.78	96	2463	0.316 ug/L	89
22) cis-1,2-Dichloroethene	3.94	96	50727	4.763 ug/L #	93
34) Trichloroethene	5.95	95	9043	0.795 ug/L	94
49) Tetrachloroethene	8.00	164	1652	0.180 ug/L #	71

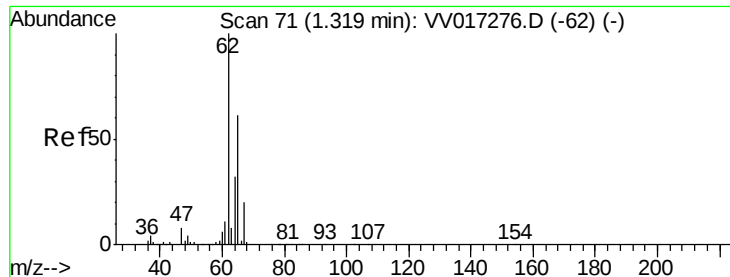
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 02 03:02:49 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.699 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV017293.D

Acq: 01 Jul 2020 16:46

Instrument :

MSVOA_V

ClientSampleId :

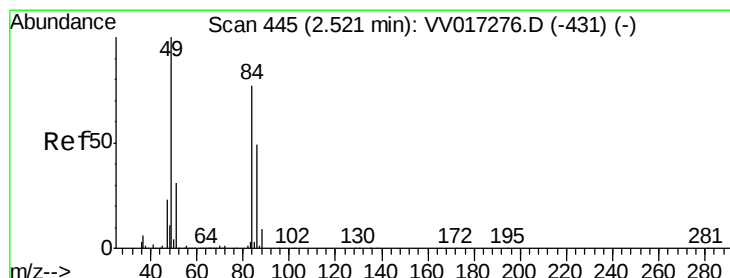
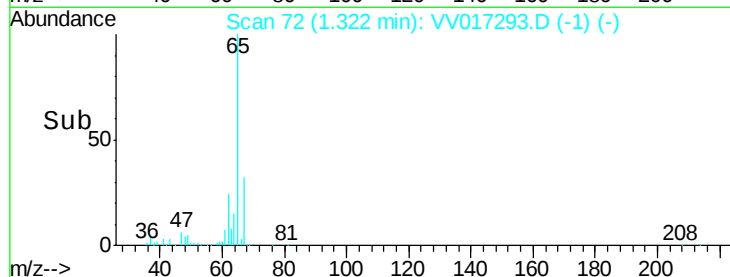
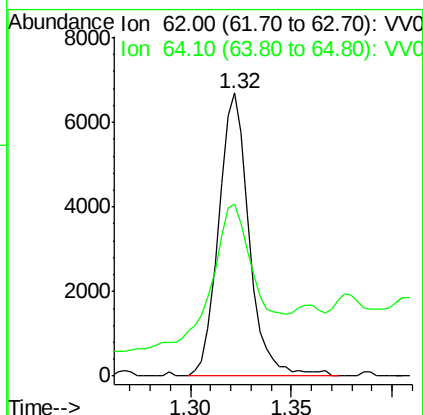
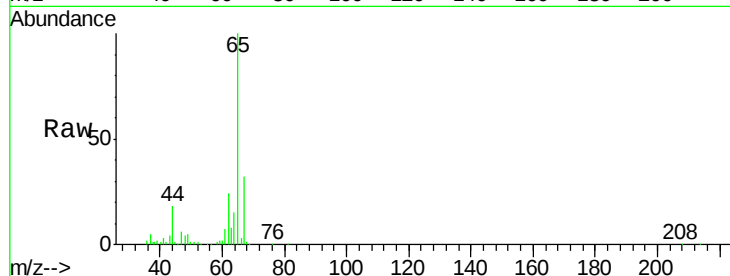
ETYJ7

Tot Ion: 62 Resp: 7029

Ion Ratio Lower Upper

62 100

64 60.8 22.5 41.7#



#16

Methylene chloride

Concen: 0.295 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.01 min

Lab File: VV017293.D

Acq: 01 Jul 2020 16:46

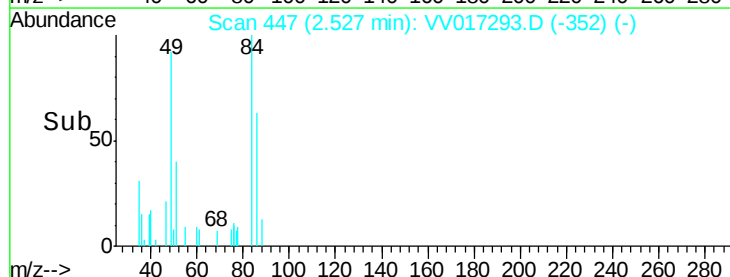
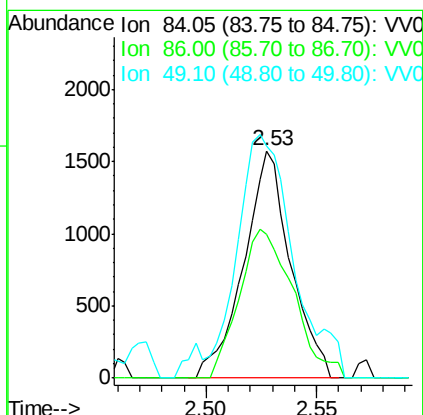
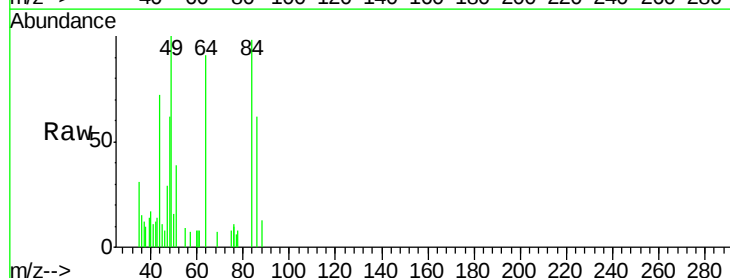
Tgt Ion: 84 Resp: 2321

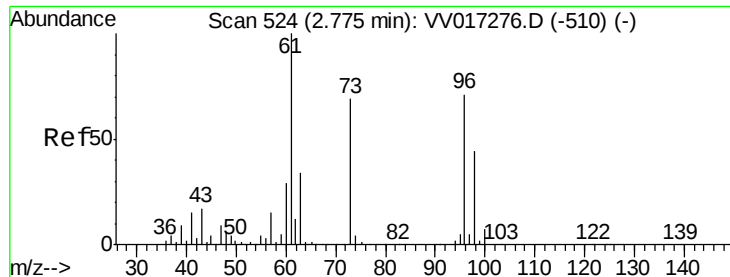
Ion Ratio Lower Upper

84 100

86 63.2 45.8 85.0

49 101.9 89.6 166.4





#18

trans-1,2-Dichloroethene

Concen: 0.316 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

Lab File: VV017293.D

Acq: 01 Jul 2020 16:46

Instrument :

MSVOA_V

ClientSampled :

ETYJ7

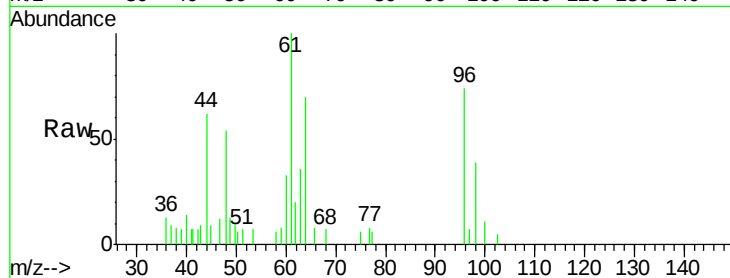
Tot Ion: 96 Resp: 2463

Ion Ratio Lower Upper

96 100

61 134.7 102.3 189.9

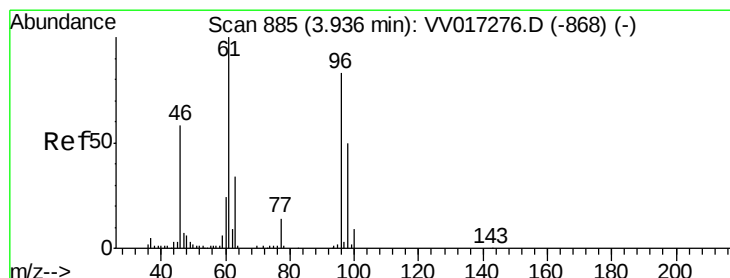
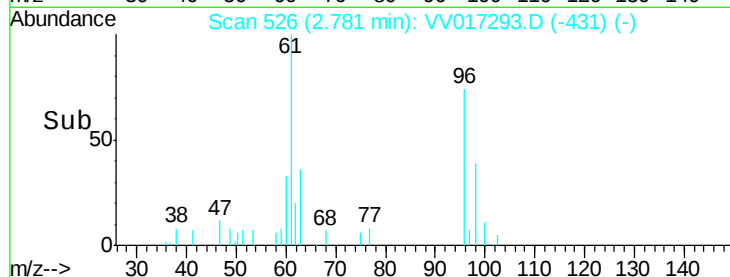
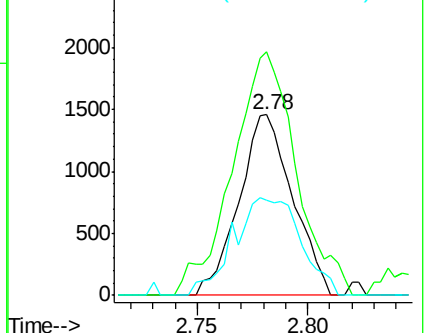
98 52.5 44.7 82.9



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: 4.763 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV017293.D

Acq: 01 Jul 2020 16:46

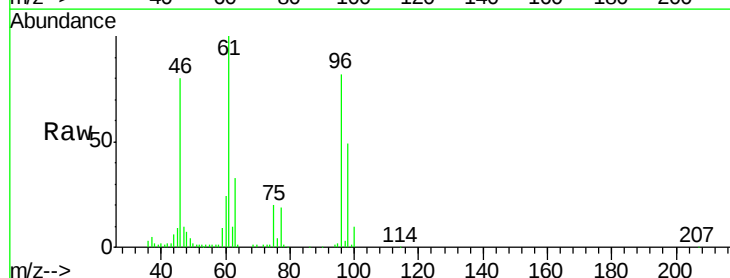
Tgt Ion: 96 Resp: 50727

Ion Ratio Lower Upper

96 100

61 121.9 91.0 169.0

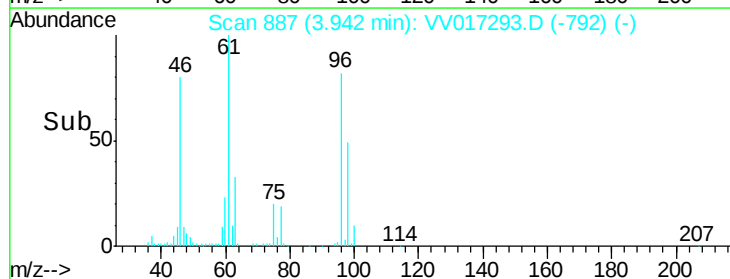
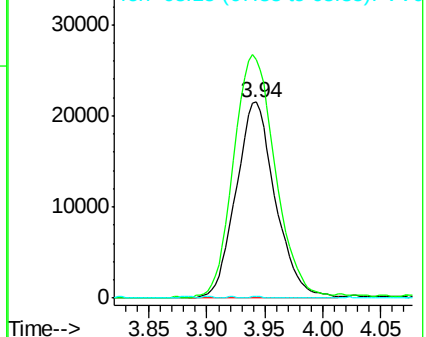
68 0.6 0.0 0.0#

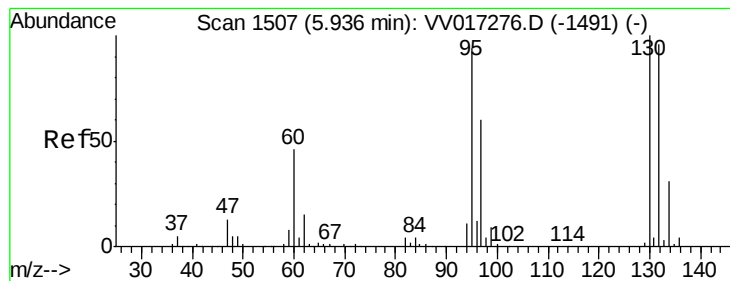


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#34

Trichloroethene

Concen: 0.795 ug/L

RT: 5.95 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VV017293.D

Acq: 01 Jul 2020 16:46

Instrument :

MSVOA_V

ClientSampleId :

ETYJ7

Tot Ion: 95 Resp: 9043

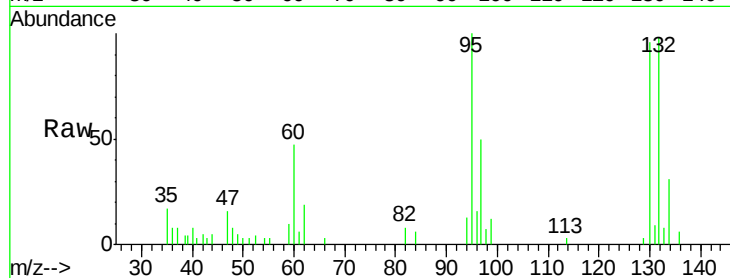
Ion Ratio Lower Upper

95 100

97 50.4 45.3 84.1

132 98.1 68.8 127.8

130 95.6 70.2 130.4

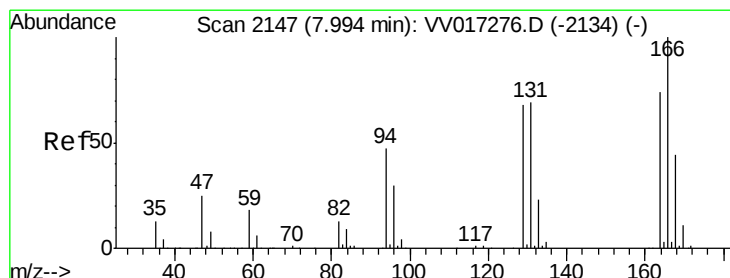
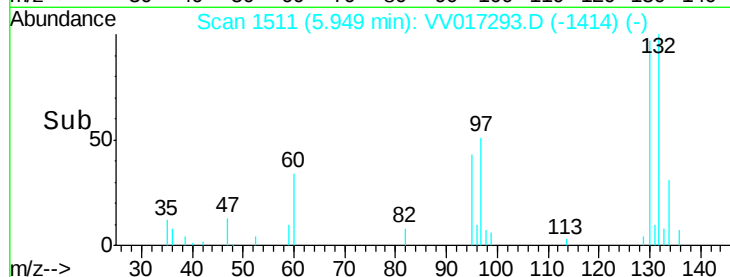
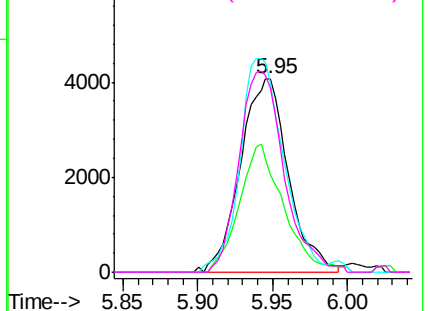


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#49

Tetrachloroethene

Concen: 0.180 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV017293.D

Acq: 01 Jul 2020 16:46

Tgt Ion: 164 Resp: 1652

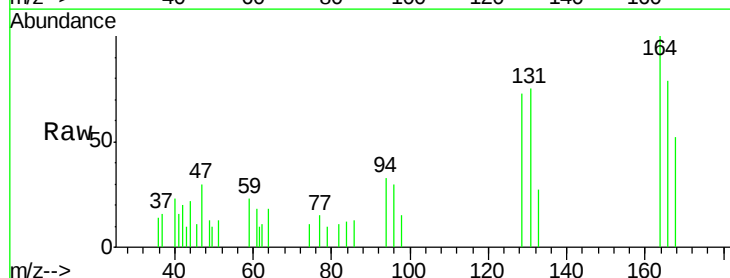
Ion Ratio Lower Upper

164 100

129 73.3 65.2 121.0

131 75.1 64.1 119.1

166 79.1 90.2 167.4#



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

