

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101320\
 Data File : VV018887.D
 Acq On : 13 Oct 2020 19:24
 Operator : SY/MD
 Sample : L4351-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG5

Quant Time: Oct 14 03:38:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 14 01:28:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	335782	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	332668	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	153533	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	113233	37.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.22%
7) Chloroethane-d5	1.58	69	95501	38.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.78%
11) 1,1-Dichloroethene-d2	2.12	63	173273	29.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.92%#
21) 2-Butanone-d5	3.90	46	182442	97.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.39%
24) Chloroform-d	4.37	84	223314	41.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.98%
26) 1,2-Dichloroethane-d4	5.06	65	154951	42.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.94%
32) Benzene-d6	5.07	84	444301	41.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.00%
36) 1,2-Dichloropropane-d6	6.09	67	148550	42.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.10%
41) Toluene-d8	7.34	98	388031	40.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.66%
43) trans-1,3-Dichloropropene-	7.64	79	65571	38.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.86%
47) 2-Hexanone-d5	8.11	63	111922	91.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.48%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	166964	41.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.16%
64) 1,2-Dichlorobenzene-d4	11.65	152	155946	45.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.78%

Target Compounds

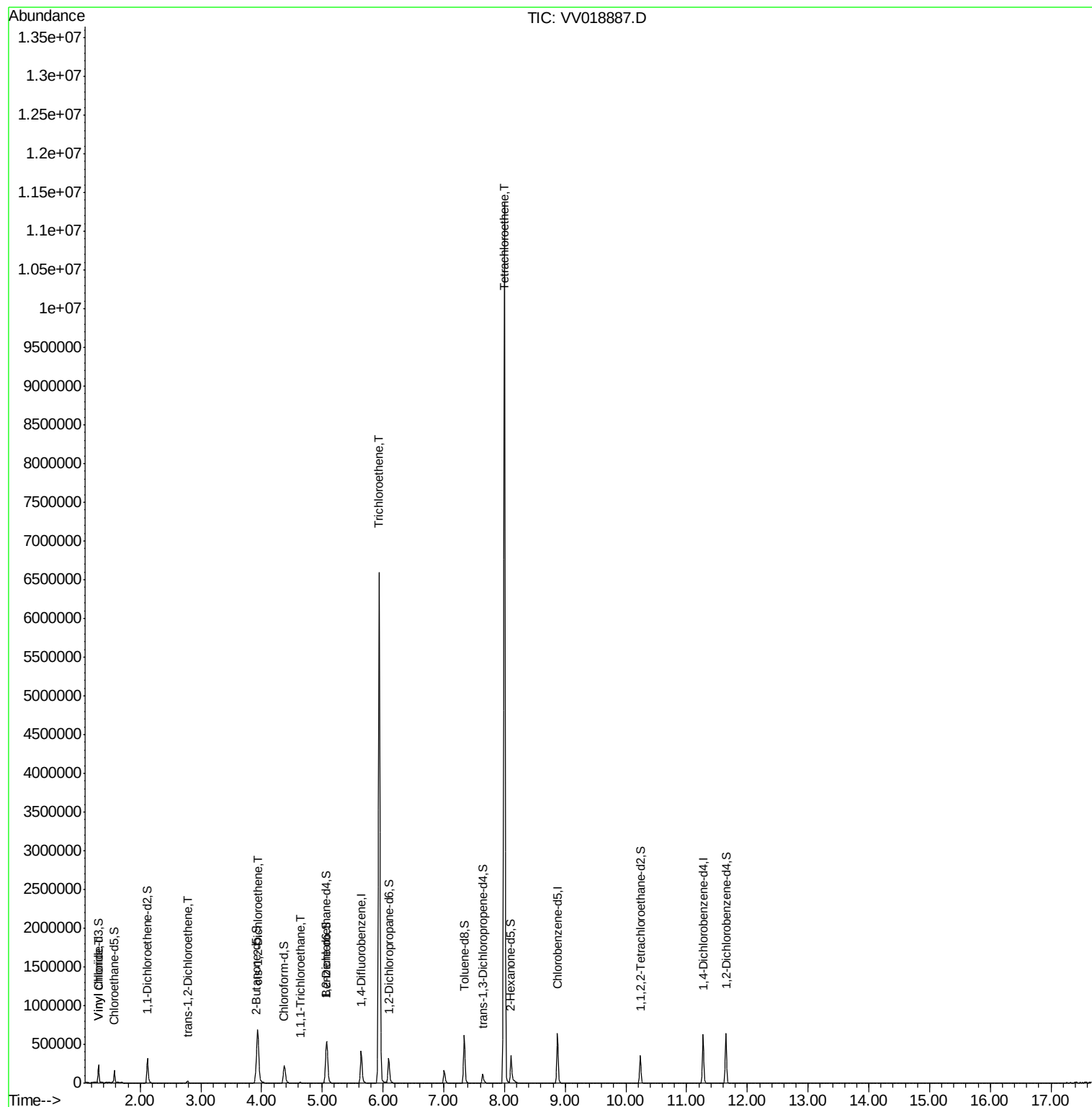
					Ovalue
5) Vinyl chloride	1.32	62	31123	10.498	ug/L 96
17) trans-1,2-Dichloroethene	2.78	96	9130	3.722	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	351285	135.501	ug/L 99
30) 1,1,1-Trichloroethane	4.64	97	4798	1.082	ug/L # 84
34) Trichloroethene	5.94	95	2229216	733.885	ug/L 100
46) Tetrachloroethene	8.00	164	2436469	1094.474	ug/L 99

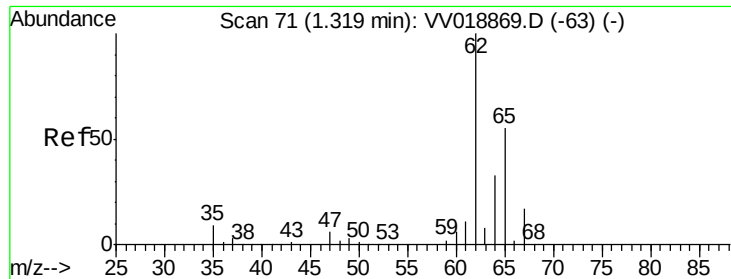
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 14 01:28:12 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 10.498 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018887.D

Acq: 13 Oct 2020 19:24

Instrument :

MSVOA_V

ClientSampled :

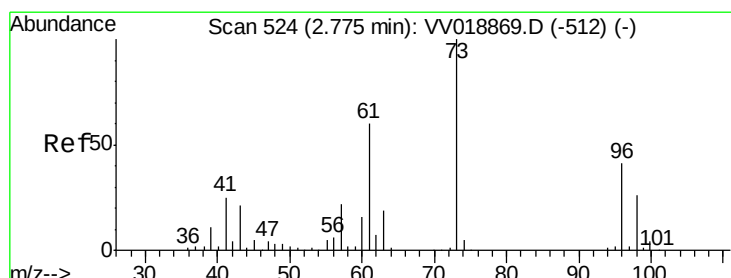
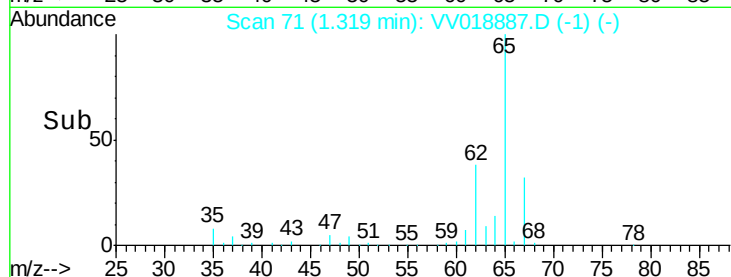
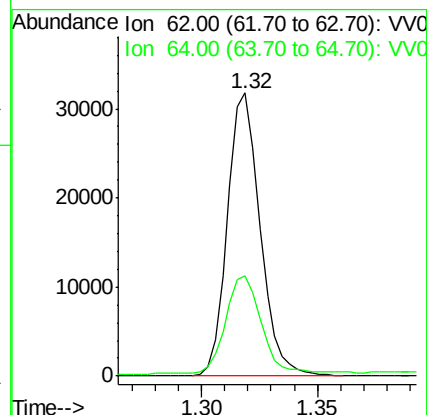
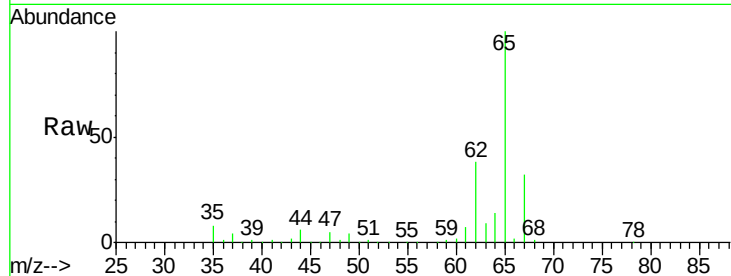
C0AG5

Tot Ion: 62 Resp: 31123

Ion Ratio Lower Upper

62 100

64 35.3 23.2 43.0



#17

trans-1,2-Dichloroethene

Concen: 3.722 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

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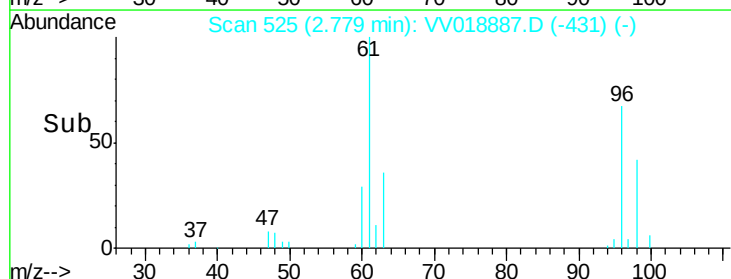
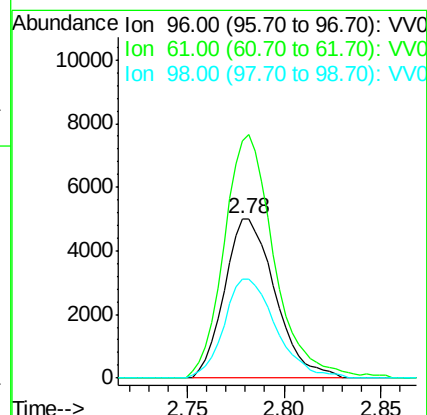
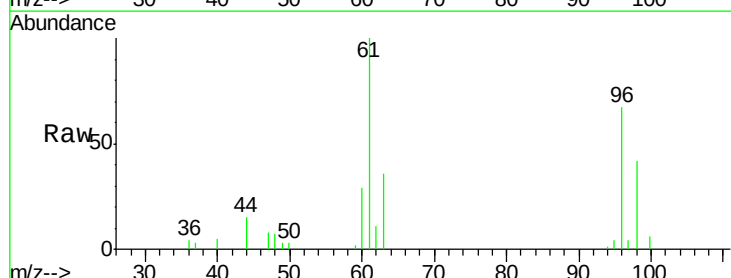
Tgt Ion: 96 Resp: 9130

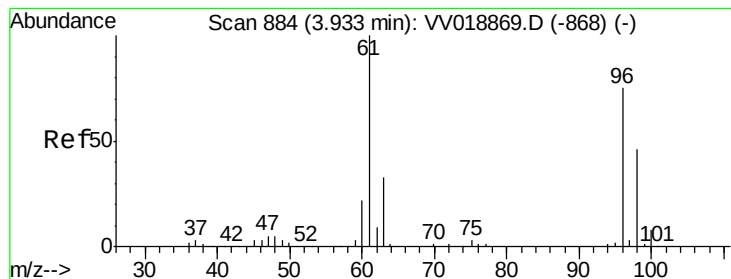
Ion Ratio Lower Upper

96 100

61 149.0 105.7 196.3

98 62.2 44.7 83.1



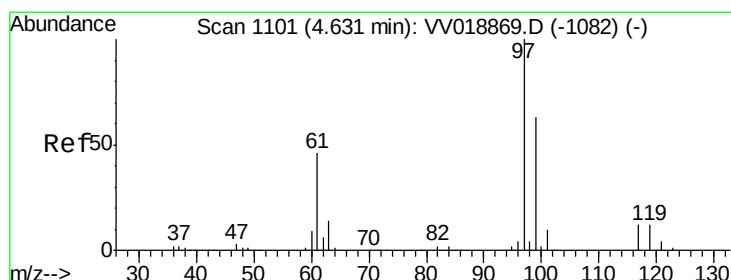
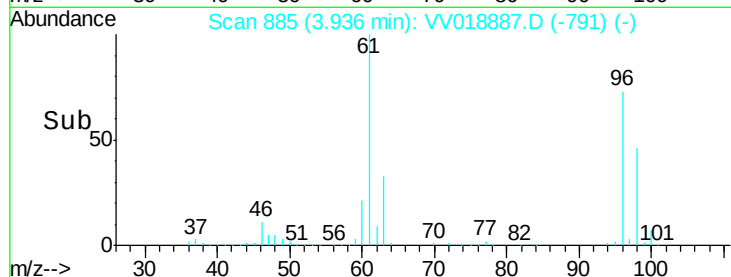
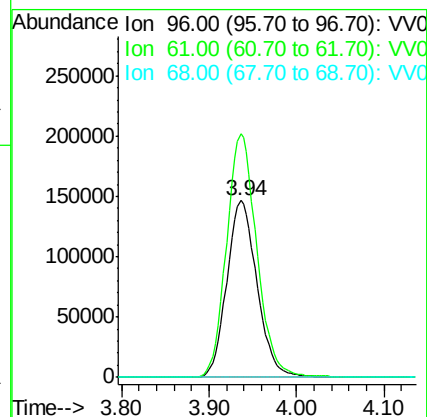
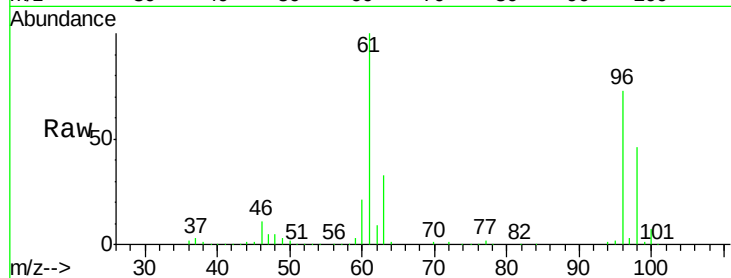


#20

cis-1,2-Dichloroethene
 Concen: 135.501 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV018887.D
 Acq: 13 Oct 2020 19:24

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG5

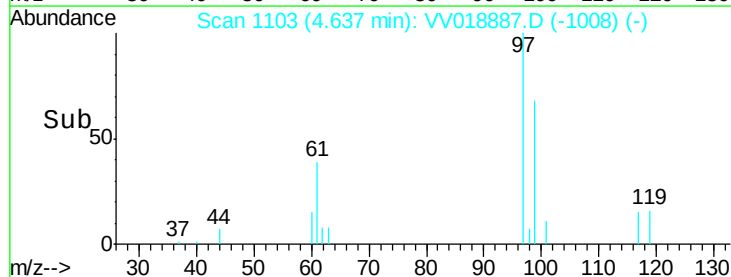
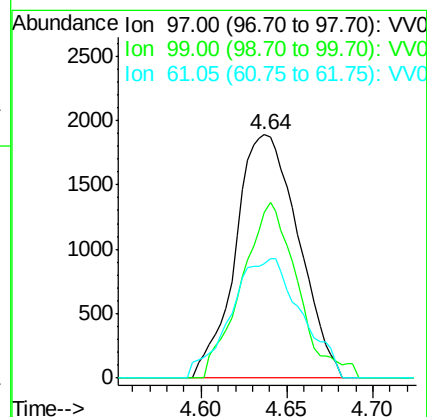
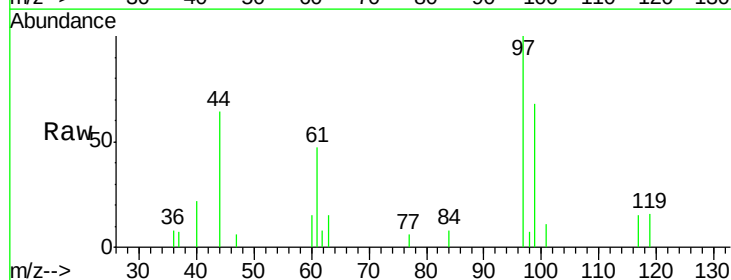
Tot Ion: 96 Resp: 351285
 Ion Ratio Lower Upper
 96 100
 61 137.9 97.3 180.7
 68 0.0 0.0 0.0

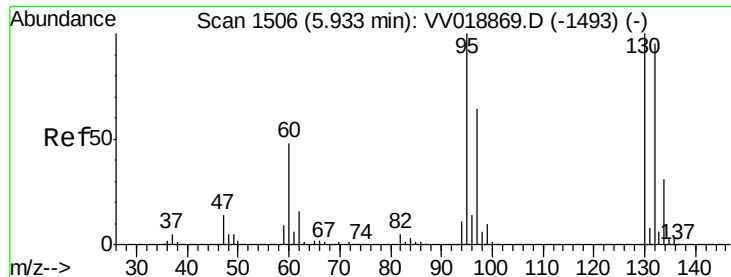


#30

1,1,1-Trichloroethane
 Concen: 1.082 ug/L
 RT: 4.64 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VV018887.D
 Acq: 13 Oct 2020 19:24

Tgt Ion: 97 Resp: 4798
 Ion Ratio Lower Upper
 97 100
 99 60.9 51.0 76.4
 61 24.5 37.0 55.4#

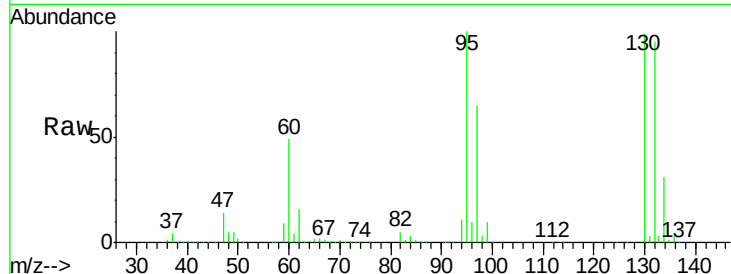




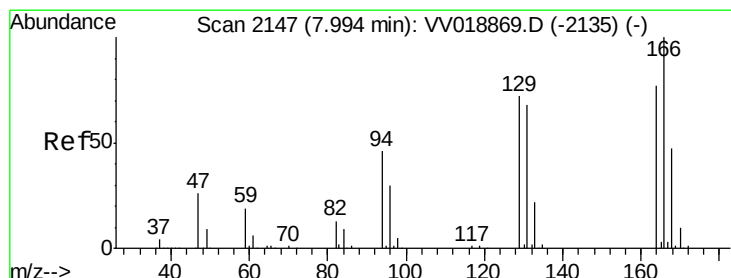
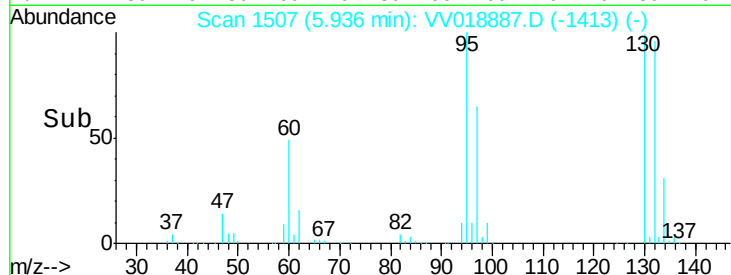
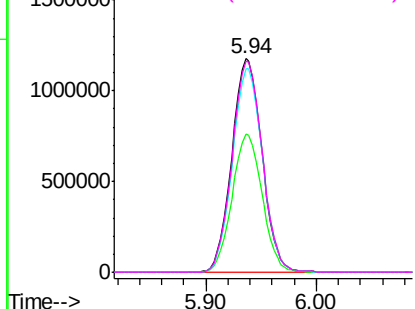
#34
 Trichloroethene
 Concen: 733.885 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: VV018887.D
 Acq: 13 Oct 2020 19:24

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 C0AG5

Tot Ion: 95 Resp: 2229216
 Ion Ratio Lower Upper
 95 100
 97 64.8 45.1 83.9
 132 95.2 66.2 123.0
 130 98.8 69.1 128.3

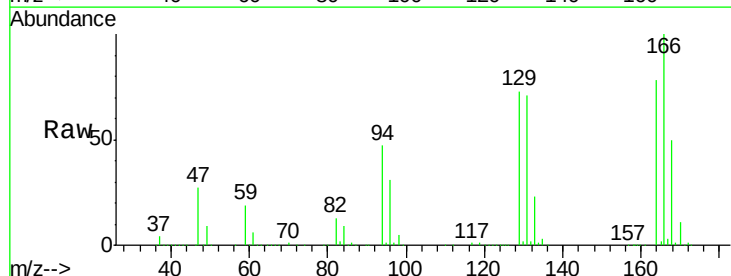


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0



#46
 Tetrachloroethene
 Concen: 1094.474 ug/L
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.01 min
 Lab File: VV018887.D
 Acq: 13 Oct 2020 19:24

Tgt Ion: 164 Resp: 2436469
 Ion Ratio Lower Upper
 164 100
 129 93.9 64.6 120.0
 131 90.5 63.6 118.0
 166 128.2 88.3 164.1



Abundance Ion 164.00 (163.70 to 164.70): VV0
 Ion 129.00 (128.70 to 129.70): VV0
 Ion 131.00 (130.70 to 131.70): VV0
 Ion 166.00 (165.70 to 166.70): VV0

