

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
 Data File : VV019529.D
 Acq On : 10 Dec 2020 23:03
 Operator : SY/MD
 Sample : L4997-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AR1

Quant Time: Dec 11 02:40:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 02:38:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	697030	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	646611	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	299821	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	201095	40.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.46%
7) Chloroethane-d5	1.57	69	174509	44.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.54%
11) 1,1-Dichloroethene-d2	2.11	63	319960	34.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.98%
21) 2-Butanone-d5	3.90	46	263916	97.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.15%
24) Chloroform-d	4.35	84	406904	45.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.34%
26) 1,2-Dichloroethane-d4	5.04	65	280130	47.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.16%
32) Benzene-d6	5.05	84	809329	46.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.86%
36) 1,2-Dichloropropane-d6	6.07	67	257181	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.22%
41) Toluene-d8	7.32	98	730067	47.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.04%
43) trans-1,3-Dichloropropene-	7.62	79	138087	44.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.88%
47) 2-Hexanone-d5	8.09	63	198454	93.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.60%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	337494	46.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.38%
64) 1,2-Dichlorobenzene-d4	11.63	152	265967	47.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.92%

Target Compounds

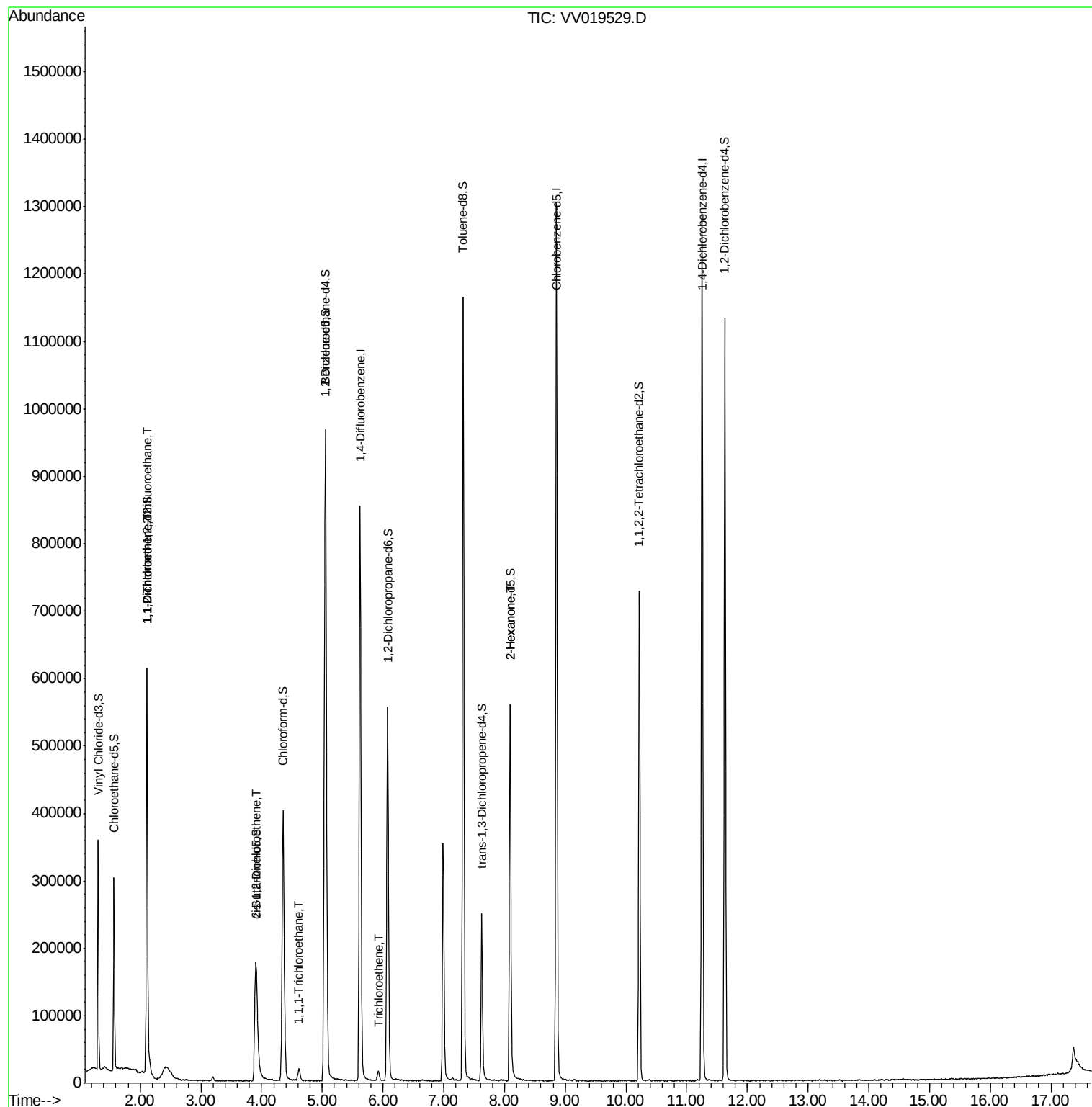
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2863	0.708 ug/L #	23
12) 1,1-Dichloroethene	2.12	96	17153	4.131 ug/L #	1
20) cis-1,2-Dichloroethene	3.92	96	31625	6.321 ug/L #	92
30) 1,1,1-Trichloroethane	4.61	97	14238	1.756 ug/L	97
34) Trichloroethene	5.93	95	3886	0.778 ug/L	95
48) 2-Hexanone	8.09	43	23096	4.275 ug/L #	66

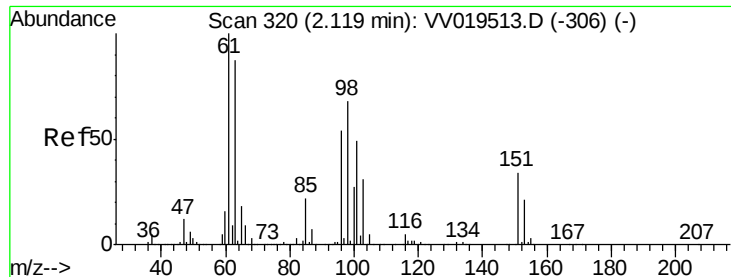
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.708 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019529.D

Acq: 10 Dec 2020 23:03

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C0AR1

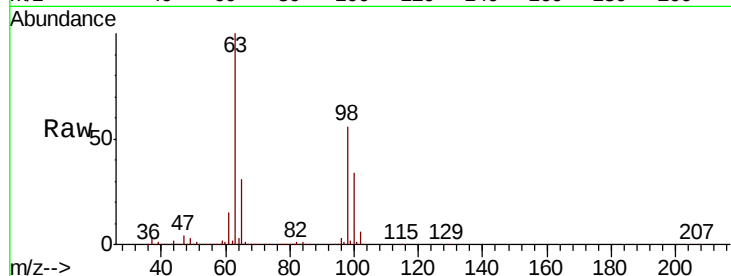
Tot Ion:101 Resp: 2863

Ion Ratio Lower Upper

101 100

85 2.5 35.0 52.4#

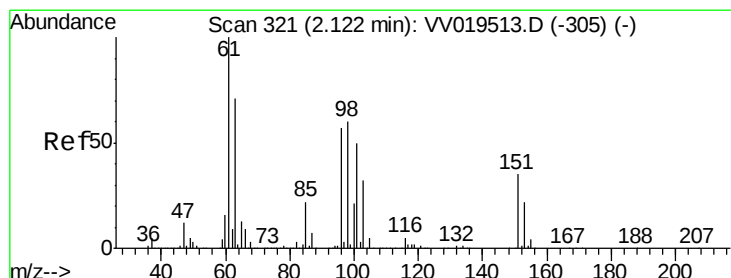
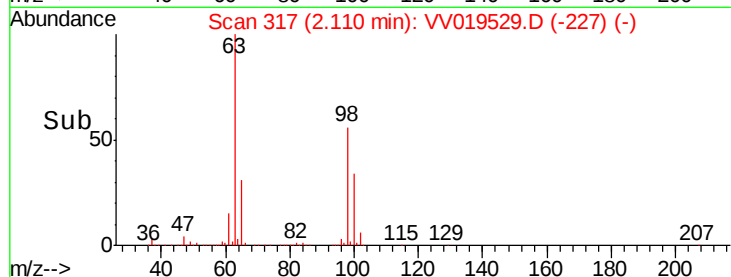
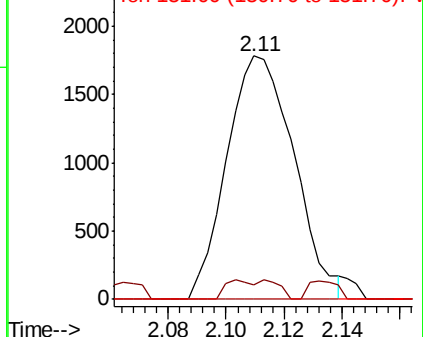
151 0.0 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): VV019513.D (-306) (-)

Ion 85.00 (84.70 to 85.70): VV019513.D (-306) (-)

Ion 151.00 (150.70 to 151.70): VV019513.D (-306) (-)



#12

1,1-Dichloroethene

Concen: 4.131 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.00 min

Lab File: VV019529.D

Acq: 10 Dec 2020 23:03

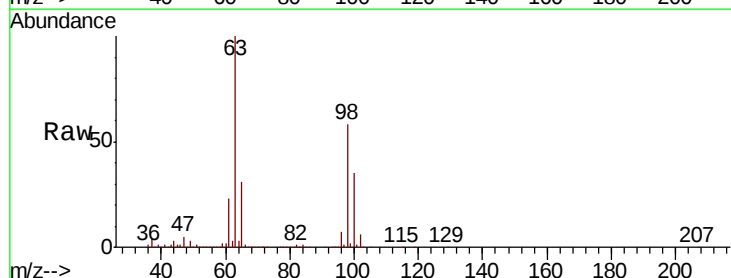
Tgt Ion: 96 Resp: 17153

Ion Ratio Lower Upper

96 100

61 321.1 120.7 224.1#

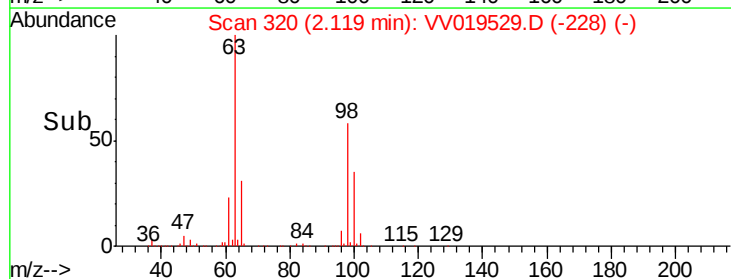
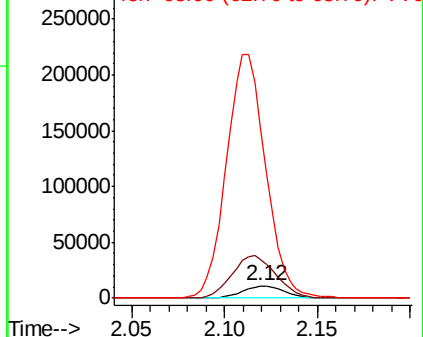
63 1411.1 64.3 119.5#

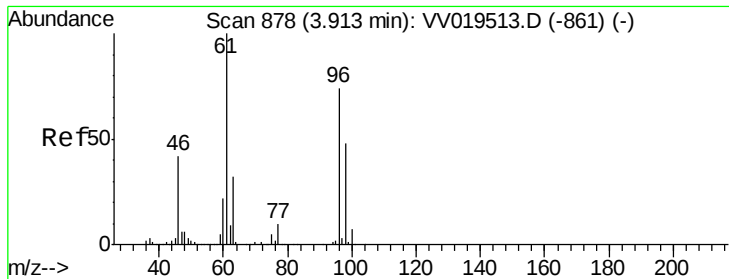


Abundance Ion 96.00 (95.70 to 96.70): VV019513.D (-305) (-)

Ion 61.00 (60.70 to 61.70): VV019513.D (-305) (-)

Ion 63.00 (62.70 to 63.70): VV019513.D (-305) (-)

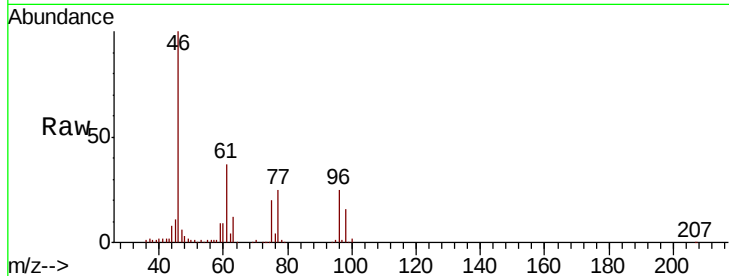




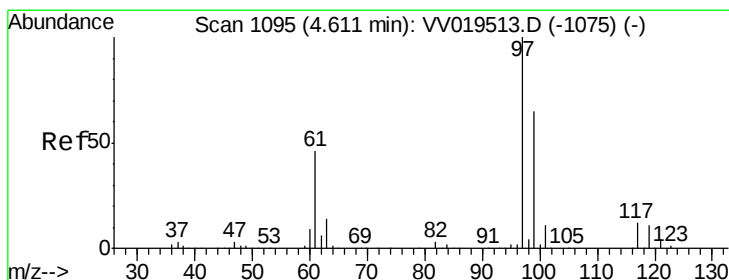
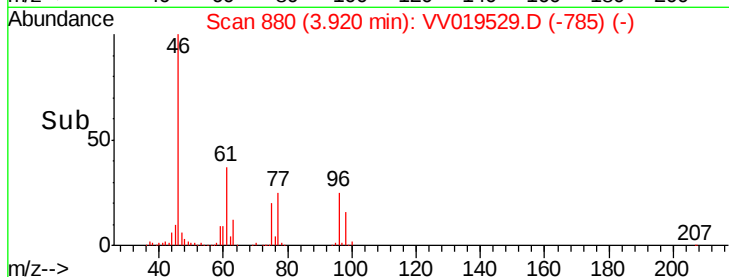
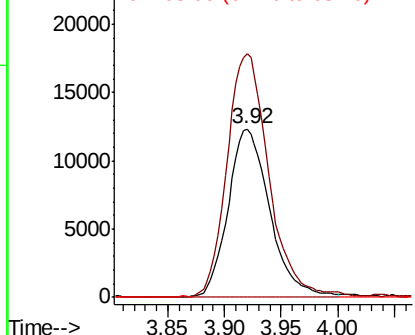
#20
 cis-1,2-Dichloroethene
 Concen: 6.321 ug/L
 RT: 3.92 min Scan# 880
 Delta R.T. 0.01 min
 Lab File: VV019529.D
 Acq: 10 Dec 2020 23:03

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Tot Ion: 96 Resp: 31625
 Ion Ratio Lower Upper
 96 100
 61 144.5 94.1 174.8
 68 0.0 0.1 0.1#

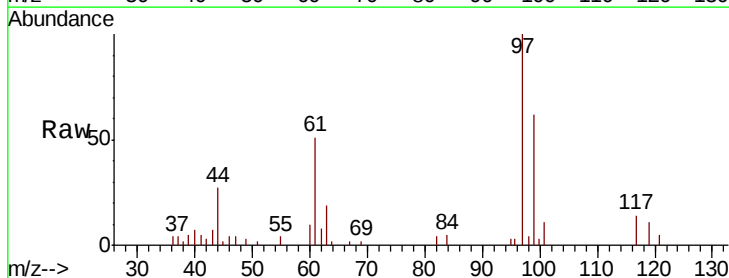


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0

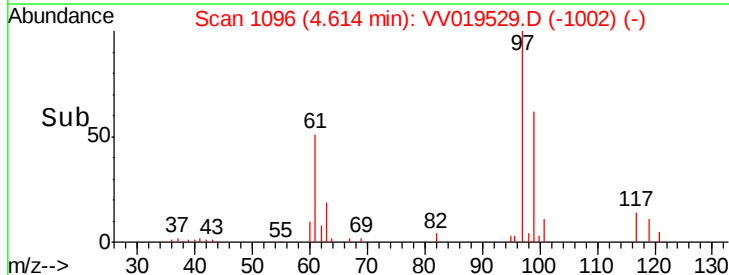
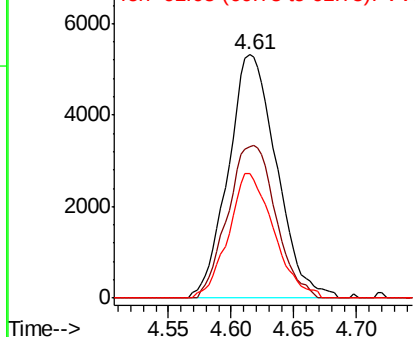


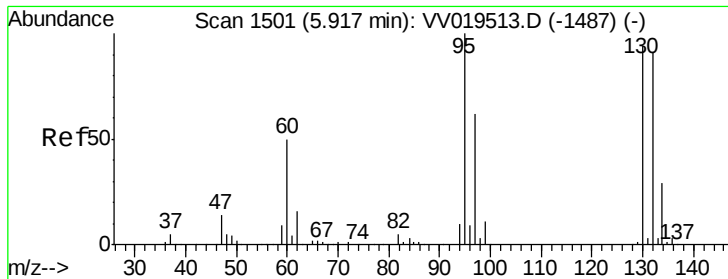
#30
 1,1,1-Trichloroethane
 Concen: 1.756 ug/L
 RT: 4.61 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: VV019529.D
 Acq: 10 Dec 2020 23:03

Tgt Ion: 97 Resp: 14238
 Ion Ratio Lower Upper
 97 100
 99 62.3 51.3 76.9
 61 47.7 36.3 54.5



Abundance Ion 97.00 (96.70 to 97.70): VV0
 Ion 99.00 (98.70 to 99.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0

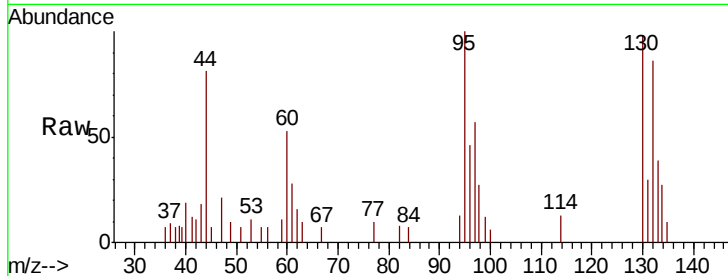




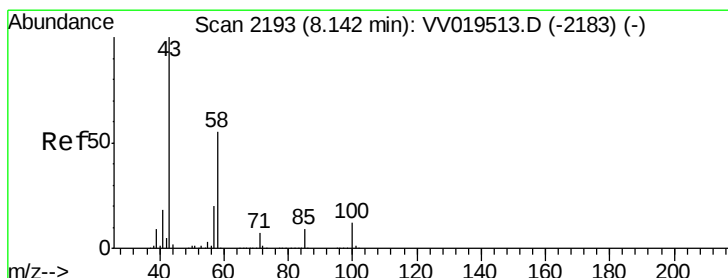
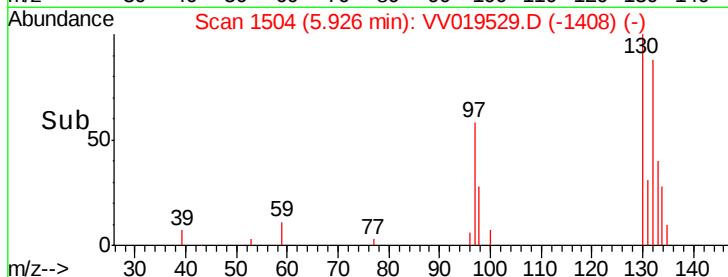
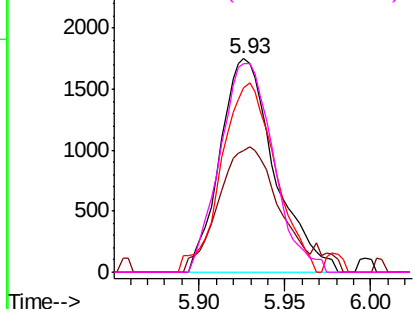
#34
 Trichloroethene
 Concen: 0.778 ug/L
 RT: 5.93 min Scan# 1504
 Delta R.T. 0.01 min
 Lab File: VV019529.D
 Acq: 10 Dec 2020 23:03

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Tot Ion: 95 Resp: 3886
 Ion Ratio Lower Upper
 95 100
 97 57.2 44.4 82.4
 132 86.1 64.3 119.3
 130 97.9 67.8 125.8

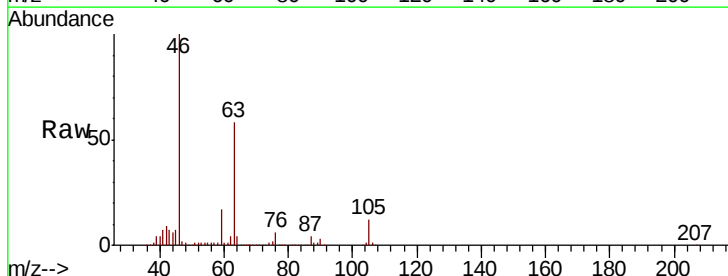


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0



#48
 2-Hexanone
 Concen: 4.275 ug/L
 RT: 8.09 min Scan# 2178
 Delta R.T. -0.05 min
 Lab File: VV019529.D
 Acq: 10 Dec 2020 23:03

Tgt Ion: 43 Resp: 23096
 Ion Ratio Lower Upper
 43 100
 58 23.9 44.4 66.6#
 57 22.9 15.7 23.5
 100 0.0 9.9 14.9#



Abundance Ion 43.00 (42.70 to 43.70): VV0
 Ion 58.00 (57.70 to 58.70): VV0
 Ion 57.00 (56.70 to 57.70): VV0
 Ion 100.00 (99.70 to 100.70): VV0

