

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
 Data File : VV017329.D
 Acq On : 03 Jul 2020 00:37
 Operator : SY/MD
 Sample : L3116-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9Q55

Quant Time: Jul 06 00:36:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 03 06:15:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	158990	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	155002	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	74629	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41292	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	1.58	69	33449	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.13	63	65877	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	3.92	46	99745	41.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.02%
24) Chloroform-d	4.38	84	90660	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.06	65	51786	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.08	84	171358	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
36) 1,2-Dichloropropane-d6	6.10	67	48939	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.20%
41) Toluene-d8	7.34	98	154559	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
45) trans-1,3-Dichloropropene-	7.64	79	19482	3.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.80%
48) 2-Hexanone-d5	8.11	63	63050	33.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.00%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	32480	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	63302	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

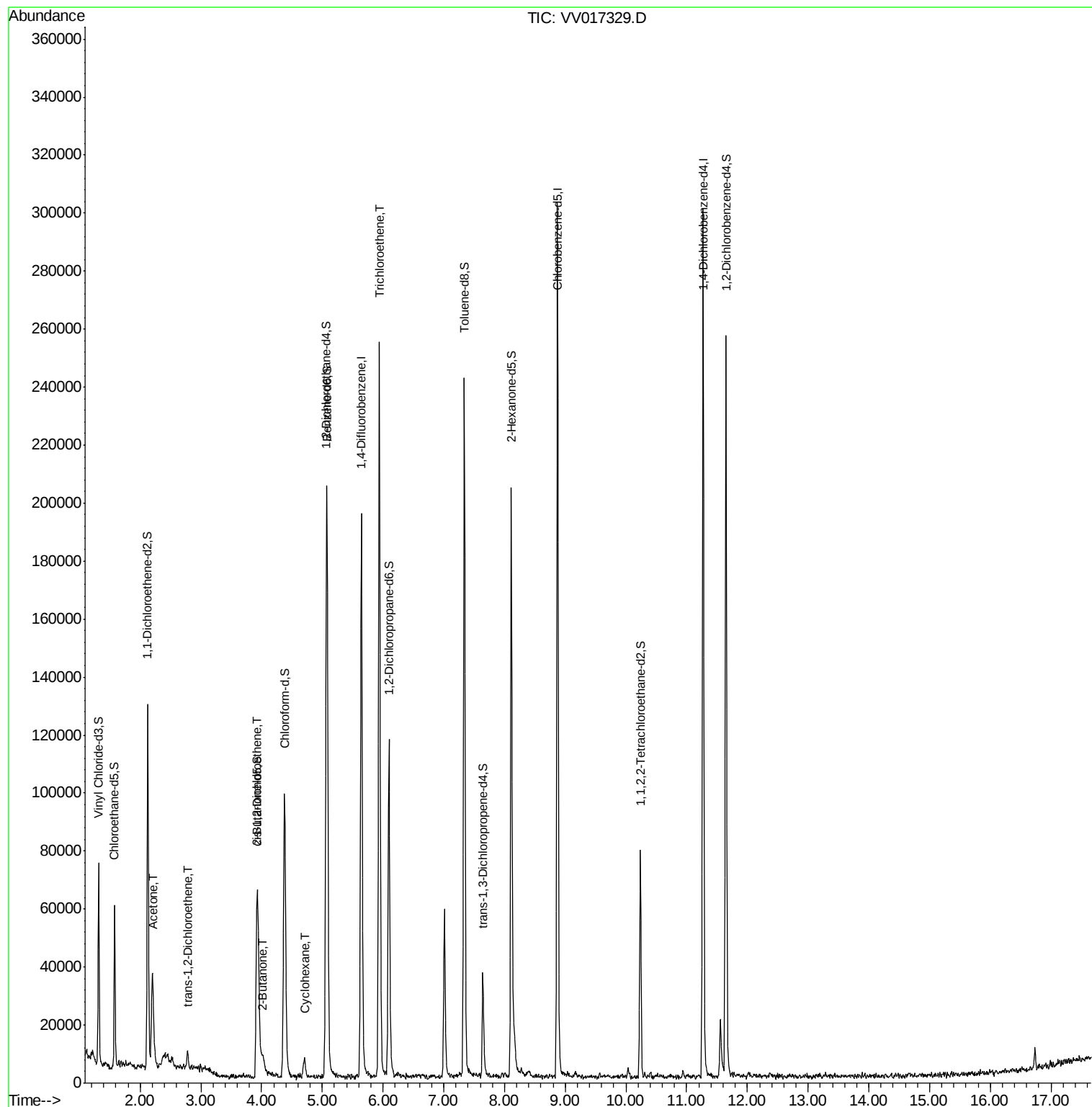
					Ovalue
13) Acetone	2.20	43	56990	46.357	ug/L 95
18) trans-1,2-Dichloroethene	2.78	96	1695	0.210	ug/L # 81
21) 2-Butanone	4.02	43	8794	3.795	ug/L 76
22) cis-1,2-Dichloroethene	3.94	96	10074	0.911	ug/L 93
30) Cyclohexane	4.70	56	2565	0.145	ug/L # 84
34) Trichloroethene	5.94	95	84680	7.124	ug/L 98

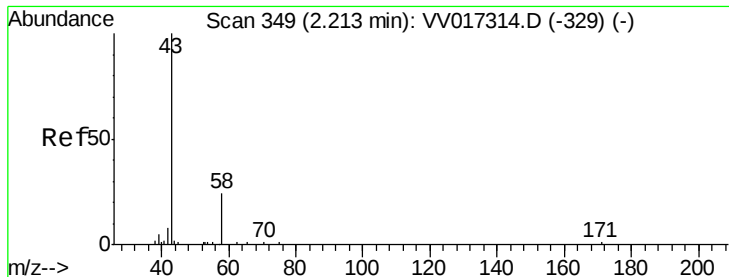
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 03 06:15:26 2020
Response via : Initial Calibration





#13

Acetone

Concen: 46.357 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.01 min

Lab File: VV017329.D

Acq: 03 Jul 2020 00:37

Instrument :

MSVOA_V

ClientSampleId :

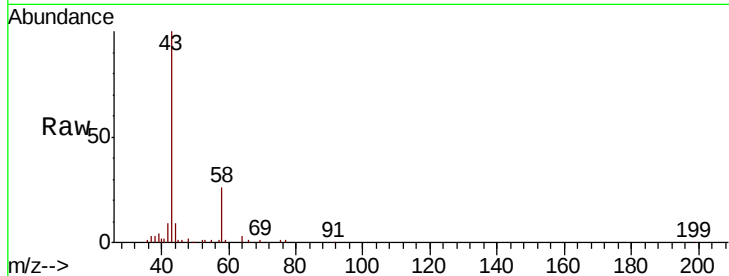
F9Q55

Tot Ion: 43 Resp: 56990

Ion Ratio Lower Upper

43 100

58 26.3 0.0 58.4

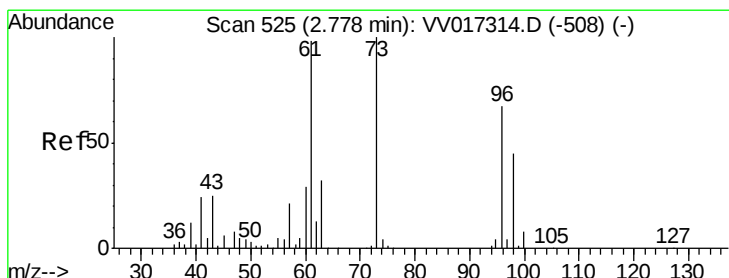
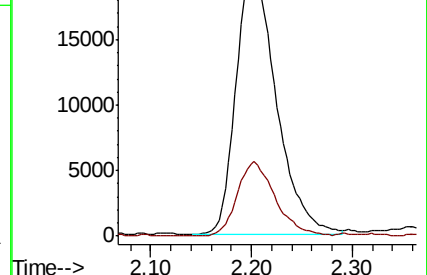
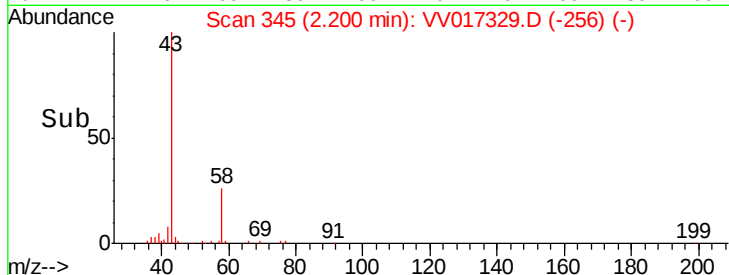


Abundance Ion 43.05 (42.75 to 43.75): VV017314.D (-329) (-)

Ion 58.05 (57.75 to 58.75): VV017314.D (-329) (-)

2.20

Time-->



#18

trans-1,2-Dichloroethene

Concen: 0.210 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.01 min

Lab File: VV017329.D

Acq: 03 Jul 2020 00:37

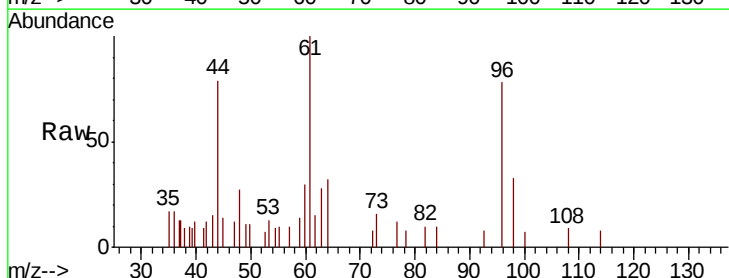
Tgt Ion: 96 Resp: 1695

Ion Ratio Lower Upper

96 100

61 127.5 102.3 189.9

98 41.6 44.7 82.9#



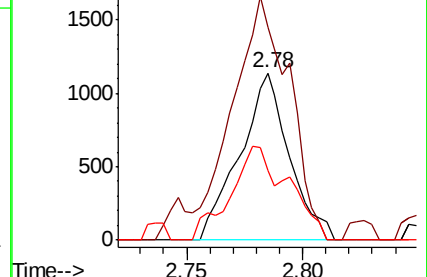
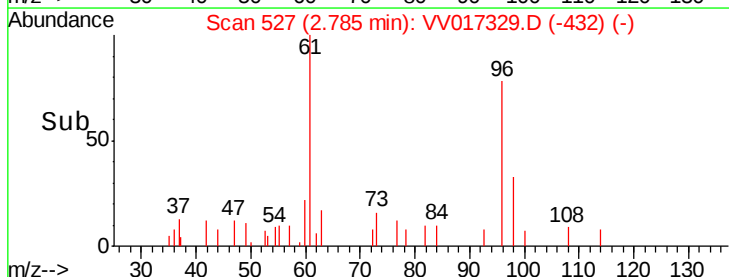
Abundance Ion 96.00 (95.70 to 96.70): VV017314.D (-508) (-)

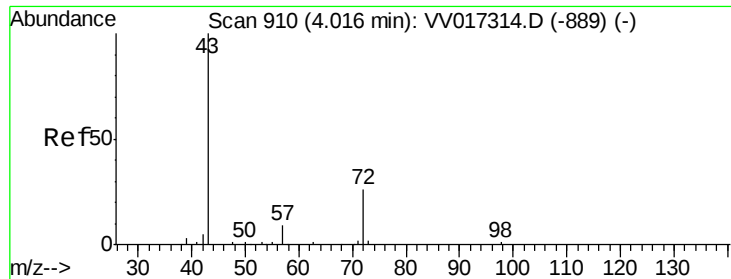
Ion 61.05 (60.75 to 61.75): VV017314.D (-508) (-)

Ion 97.95 (97.65 to 98.65): VV017314.D (-508) (-)

2.78

Time-->





#21

2-Butanone

Concen: 3.795 ug/L

RT: 4.02 min Scan# 912

Delta R.T. 0.01 min

Lab File: VV017329.D

Acq: 03 Jul 2020 00:37

Instrument :

MSVOA_V

ClientSampleId :

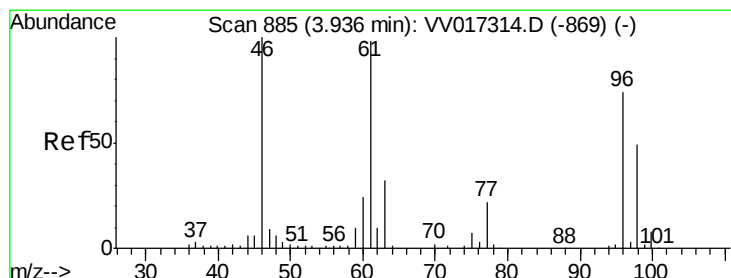
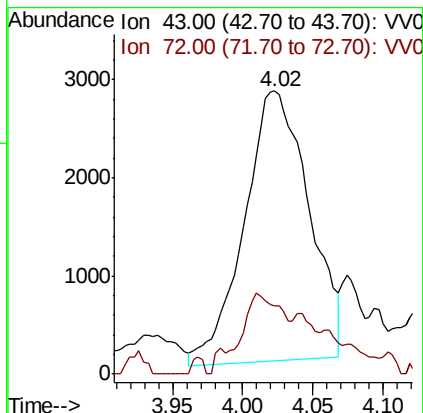
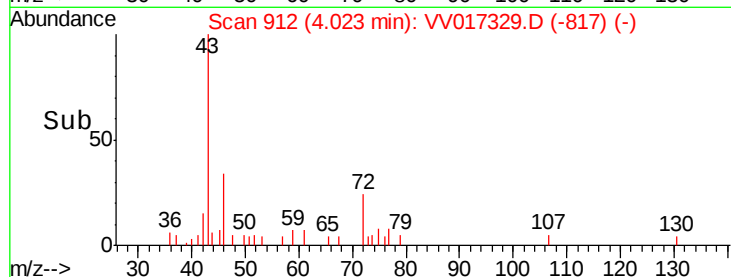
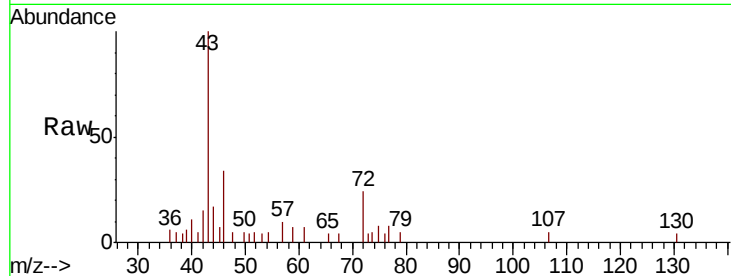
F9Q55

Tot Ion: 43 Resp: 8794

Ion Ratio Lower Upper

43 100

72 12.8 12.4 37.4



#22

cis-1,2-Dichloroethene

Concen: 0.911 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV017329.D

Acq: 03 Jul 2020 00:37

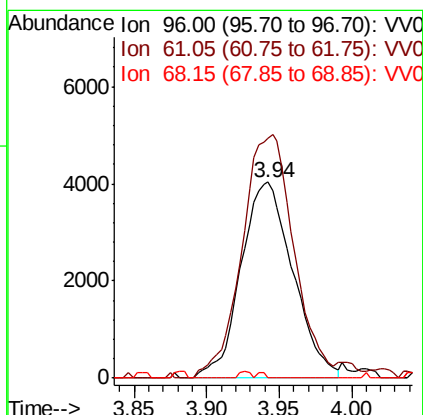
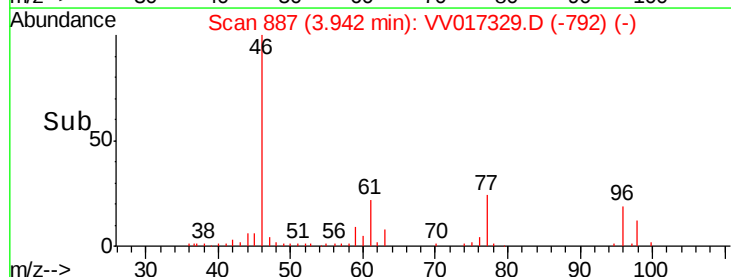
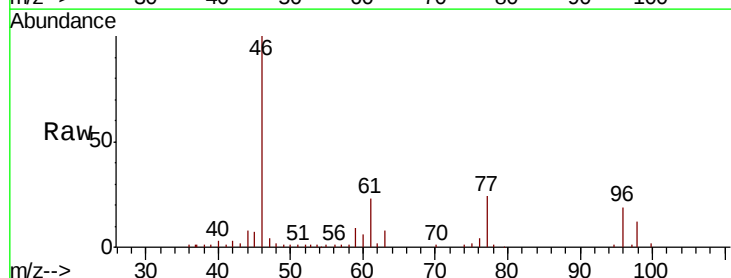
Tgt Ion: 96 Resp: 10074

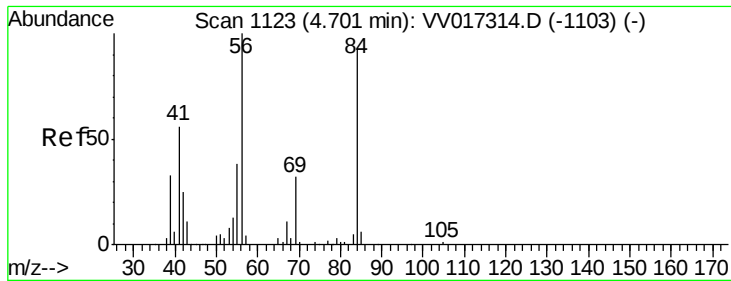
Ion Ratio Lower Upper

96 100

61 122.2 91.0 169.0

68 0.0 0.0 0.0

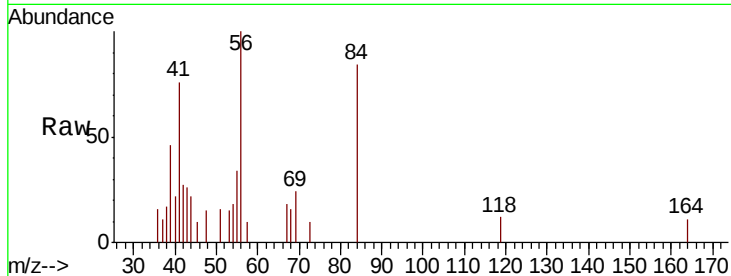




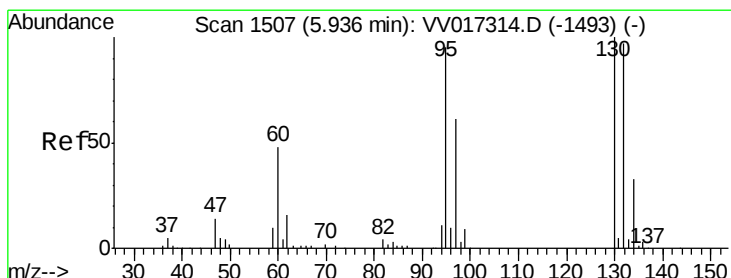
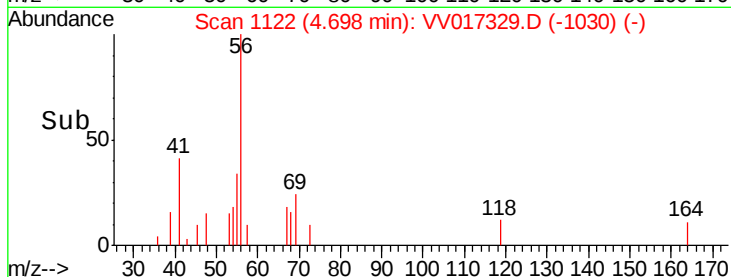
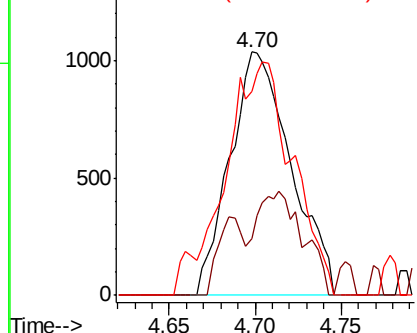
#30
Cyclohexane
Concen: 0.145 ug/L
RT: 4.70 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VV017329.D
Acq: 03 Jul 2020 00:37

Instrument :
MSVOA_V
ClientSampled :
F9Q55

Tot Ion: 56 Resp: 2565
Ion Ratio Lower Upper
56 100
69 32.4 24.4 36.6
84 106.3 69.9 104.9#

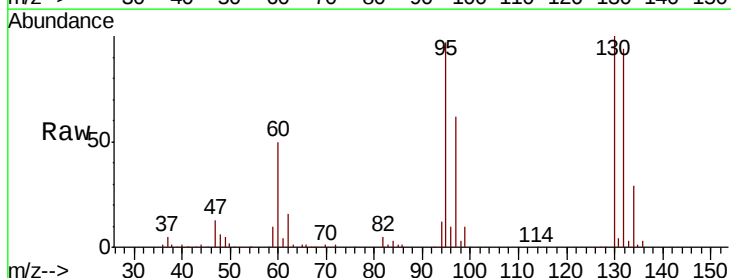


Abundance Ion 56.10 (55.80 to 56.80): VV0
Ion 69.15 (68.85 to 69.85): VV0
Ion 84.15 (83.85 to 84.85): VV0



#34
Trichloroethene
Concen: 7.124 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV017329.D
Acq: 03 Jul 2020 00:37

Tgt Ion: 95 Resp: 84680
Ion Ratio Lower Upper
95 100
97 64.0 45.3 84.1
132 96.1 68.8 127.8
130 102.8 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): VV0
Ion 129.95 (129.65 to 130.65): VV0

