

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081420\
 Data File : VV018005.D
 Acq On : 14 Aug 2020 18:36
 Operator : SY/MD
 Sample : L3665-07DL 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L39DL

Quant Time: Aug 17 03:31:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 17 01:31:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	257351	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	255152	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	121883	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	100021	50.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.88%
7) Chloroethane-d5	1.58	69	84978	52.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.12	63	148418	39.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.04%
21) 2-Butanone-d5	3.91	46	132252	102.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.83%
24) Chloroform-d	4.37	84	177546	49.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.34%
26) 1,2-Dichloroethane-d4	5.06	65	124121	53.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.92%
32) Benzene-d6	5.07	84	365884	52.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.06%
36) 1,2-Dichloropropane-d6	6.09	67	118902	51.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.44%
41) Toluene-d8	7.34	98	323480	51.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.30%
43) trans-1,3-Dichloropropene-	7.64	79	51854	49.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.46%
47) 2-Hexanone-d5	8.11	63	65908	89.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.34%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	141766	47.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	131750	54.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.84%

Target Compounds

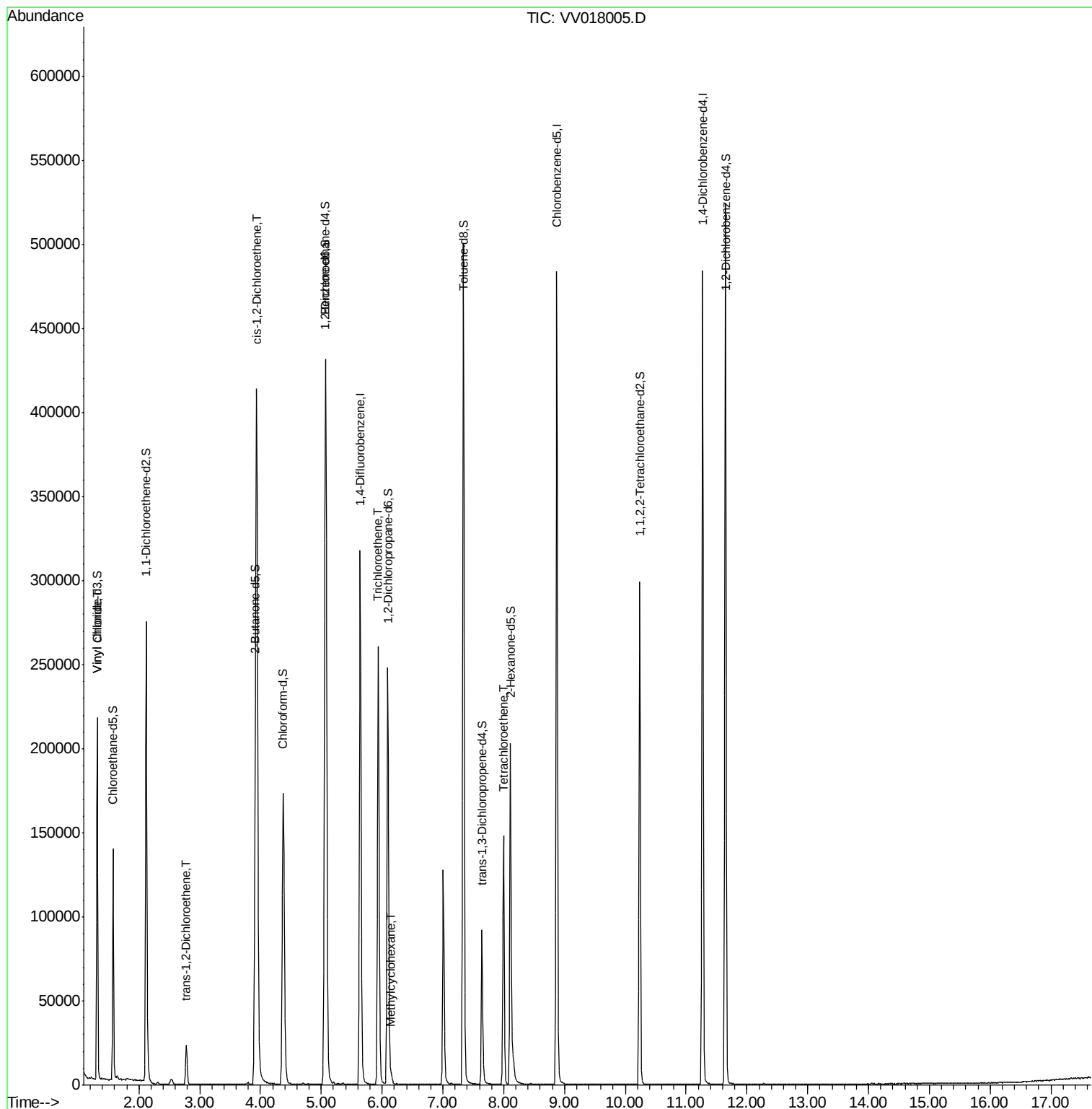
					Ovalue
5) Vinyl chloride	1.32	62	39212	17.148	ug/L 93
17) trans-1,2-Dichloroethene	2.78	96	8076	4.551	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	211717	108.570	ug/L 99
34) Trichloroethene	5.94	95	89242	42.769	ug/L 99
35) Methylcyclohexane	6.15	83	1775	0.572	ug/L 94
46) Tetrachloroethene	8.00	164	32733	21.390	ug/L 100

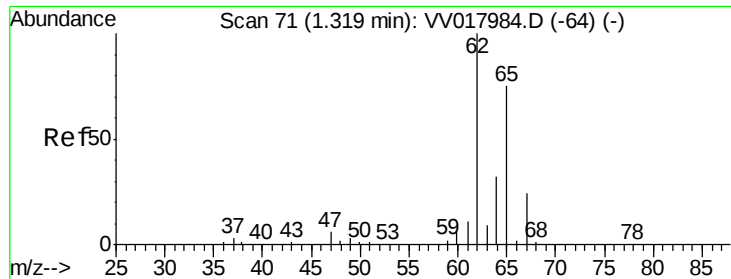
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 17 01:31:40 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 17.148 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018005.D

Acq: 14 Aug 2020 18:36

Instrument :

MSVOA_V

ClientSampled :

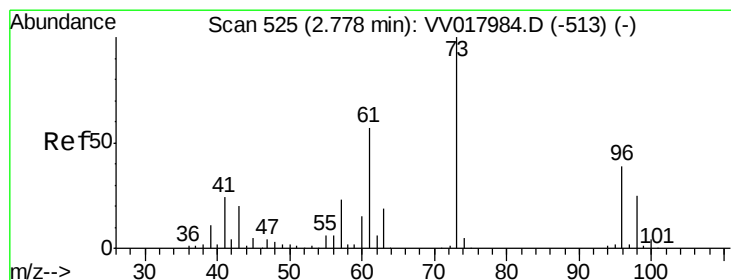
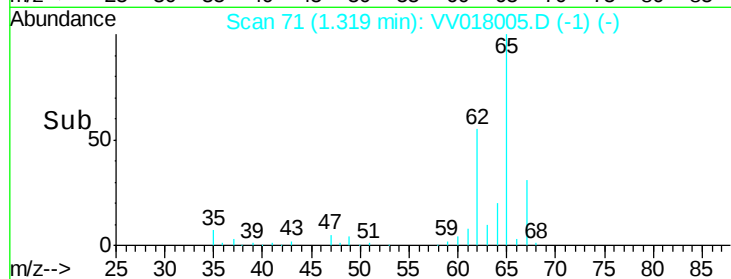
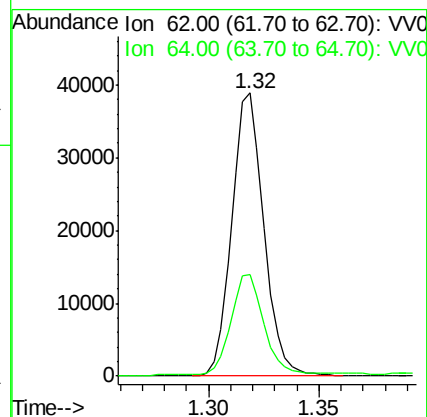
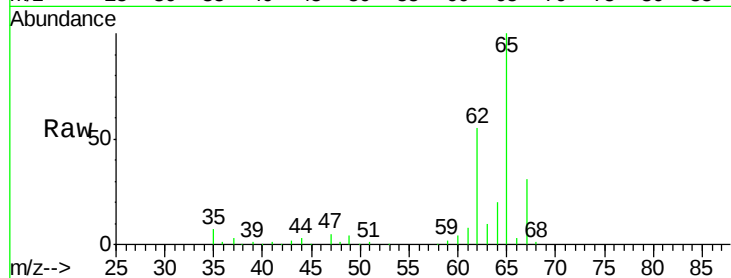
F4L39DL

Tot Ion: 62 Resp: 39212

Ion Ratio Lower Upper

62 100

64 35.9 22.4 41.6



#17

trans-1,2-Dichloroethene

Concen: 4.551 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV018005.D

Acq: 14 Aug 2020 18:36

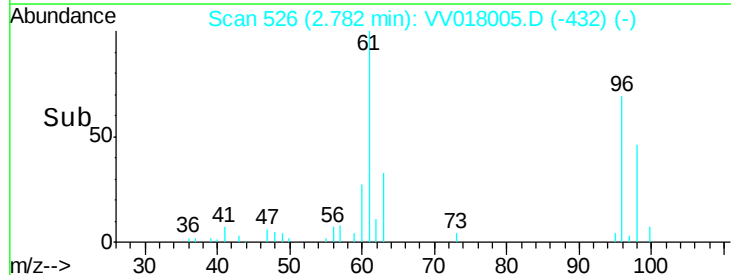
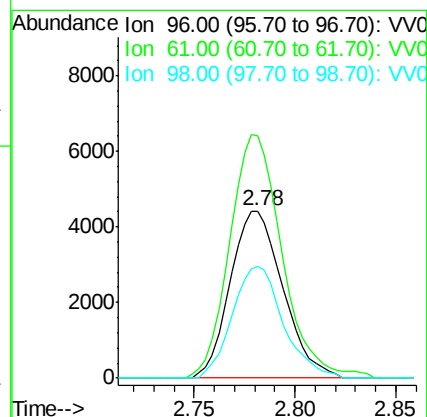
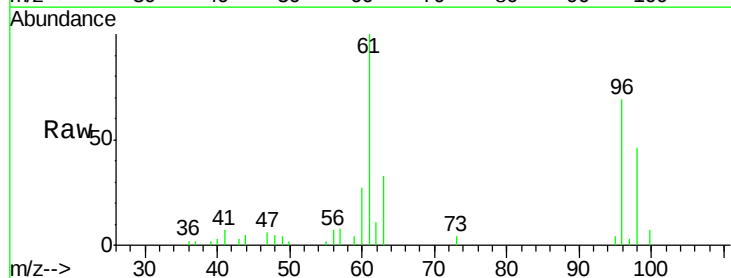
Tgt Ion: 96 Resp: 8076

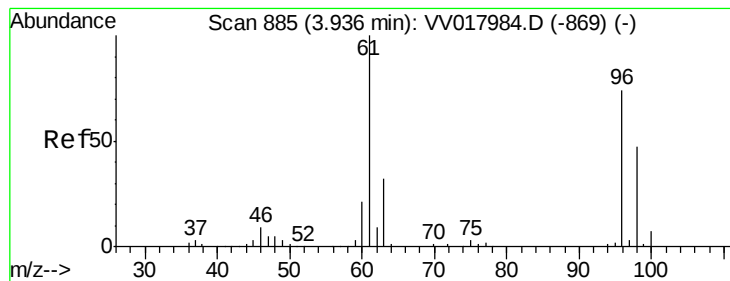
Ion Ratio Lower Upper

96 100

61 145.0 102.4 190.2

98 67.1 44.4 82.5



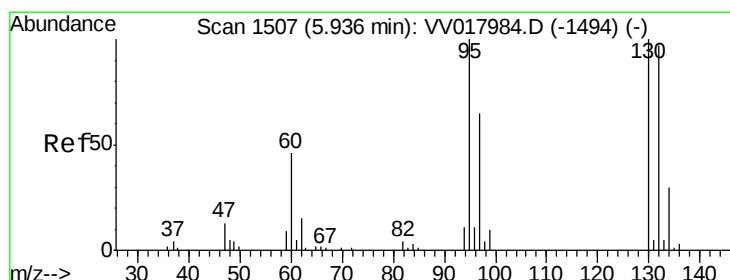
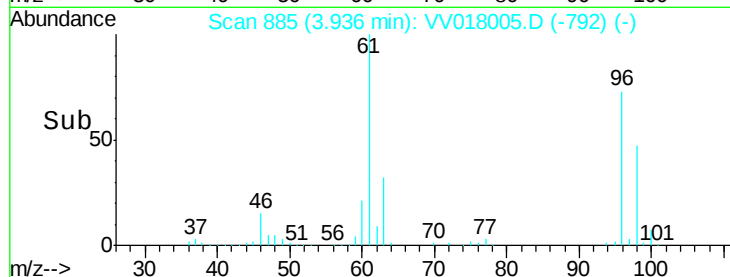
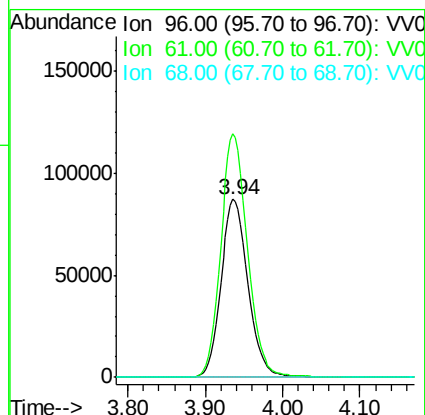
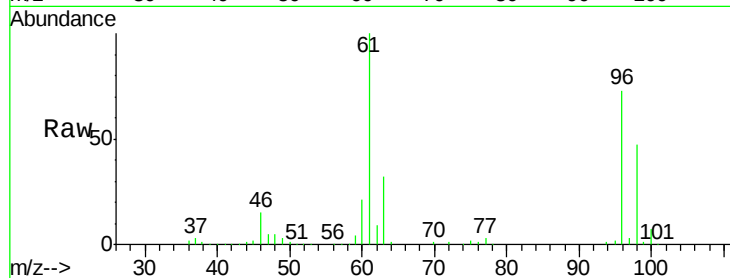


#20

cis-1,2-Dichloroethene
Concen: 108.570 ug/L
RT: 3.94 min Scan# 885
Delta R.T. -0.00 min
Lab File: VV018005.D
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Instrument :
MSVOA_V
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F4L39DL

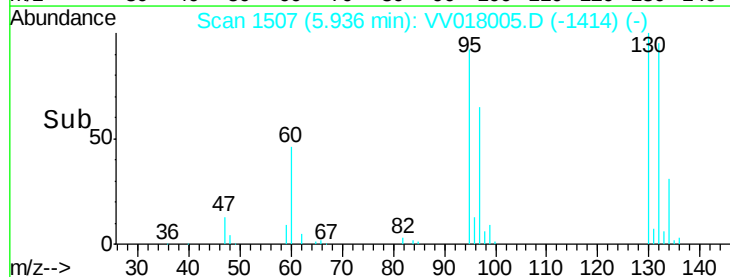
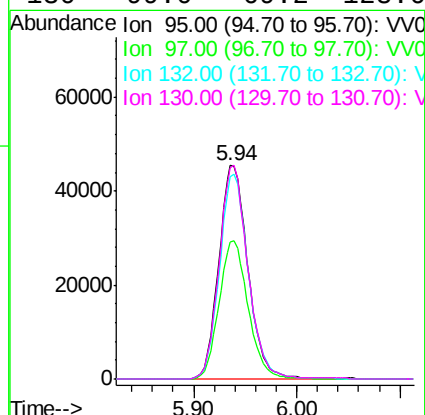
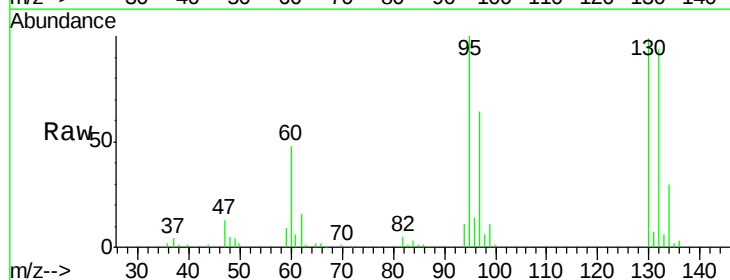
Tot Ion: 96 Resp: 211717
Ion Ratio Lower Upper
96 100
61 136.8 95.0 176.4
68 0.0 0.0 0.0

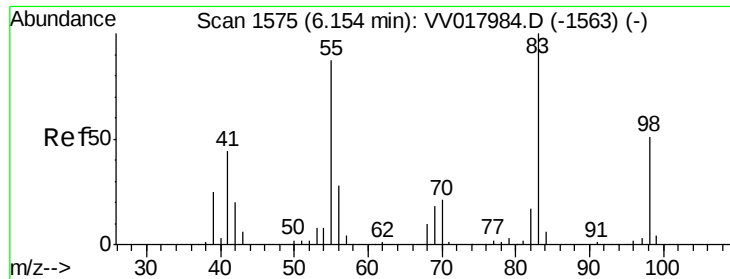


#34

Trichloroethene
Concen: 42.769 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. -0.00 min
Lab File: VV018005.D
Acq: 14 Aug 2020 18:36

Tgt Ion: 95 Resp: 89242
Ion Ratio Lower Upper
95 100
97 64.3 46.0 85.4
132 94.5 65.8 122.2
130 99.0 69.2 128.6

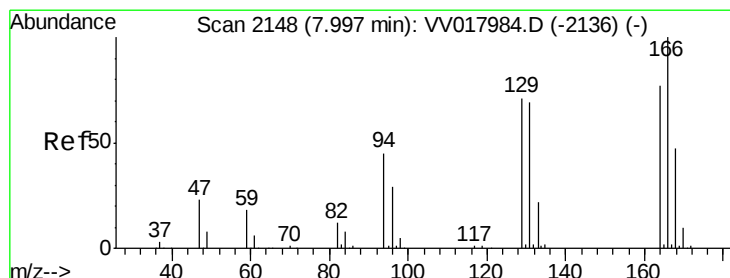
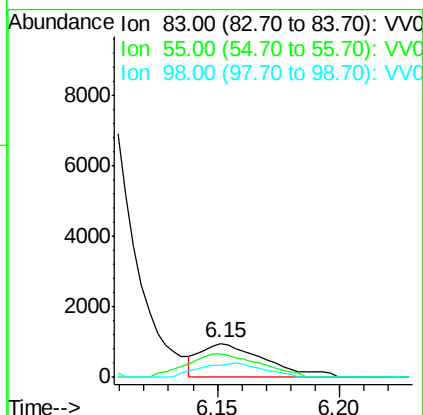
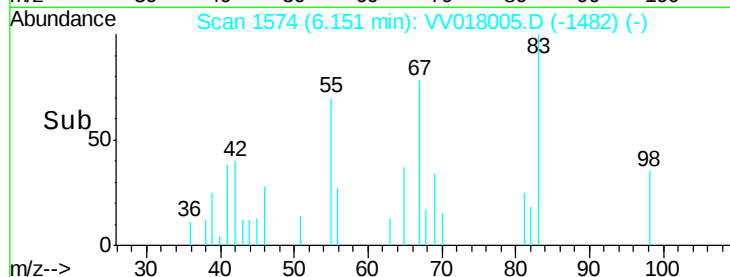
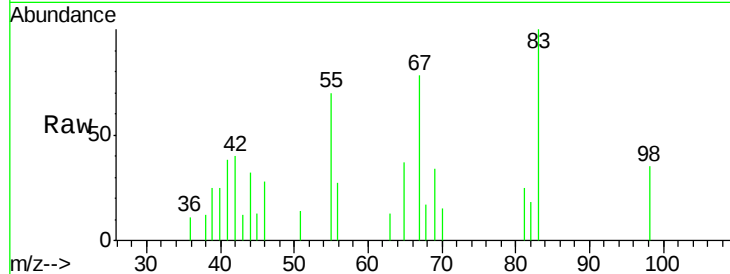




#35
Methvlcvclohexane
Concen: 0.572 ug/L
RT: 6.15 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VV018005.D
Acq: 14 Aug 2020 18:36

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MSVOA_V
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Tot Ion: 83 Resp: 1775
Ion Ratio Lower Upper
83 100
55 78.2 64.9 97.3
98 41.1 38.7 58.1



#46
Tetrachloroethene
Concen: 21.390 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.00 min
Lab File: VV018005.D
Acq: 14 Aug 2020 18:36

Tgt Ion: 164 Resp: 32733
Ion Ratio Lower Upper
164 100
129 92.5 64.8 120.3
131 92.9 64.5 119.9
166 127.4 88.9 165.1

