

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071020\
 Data File : VV017454.D
 Acq On : 10 Jul 2020 20:45
 Operator : SY/MD
 Sample : L3270-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 11 00:27:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 11 00:23:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	261190	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	247759	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	119540	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52801	38.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.66%
7) Chloroethane-d5	1.58	69	40796	42.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.42%
11) 1,1-Dichloroethene-d2	2.12	63	94563	30.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.42%
21) 2-Butanone-d5	3.91	46	88493	95.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.28%
24) Chloroform-d	4.38	84	140159	44.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.12%
26) 1,2-Dichloroethane-d4	5.06	65	106077	49.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.28%
32) Benzene-d6	5.08	84	245883	45.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.88%
36) 1,2-Dichloropropane-d6	6.09	67	72592	47.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.20%
41) Toluene-d8	7.34	98	227413	44.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	7.64	79	39727	44.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.58%
47) 2-Hexanone-d5	8.11	63	56364	89.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.11%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	94181	43.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.04%
64) 1,2-Dichlorobenzene-d4	11.65	152	99698	49.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.76%

Target Compounds

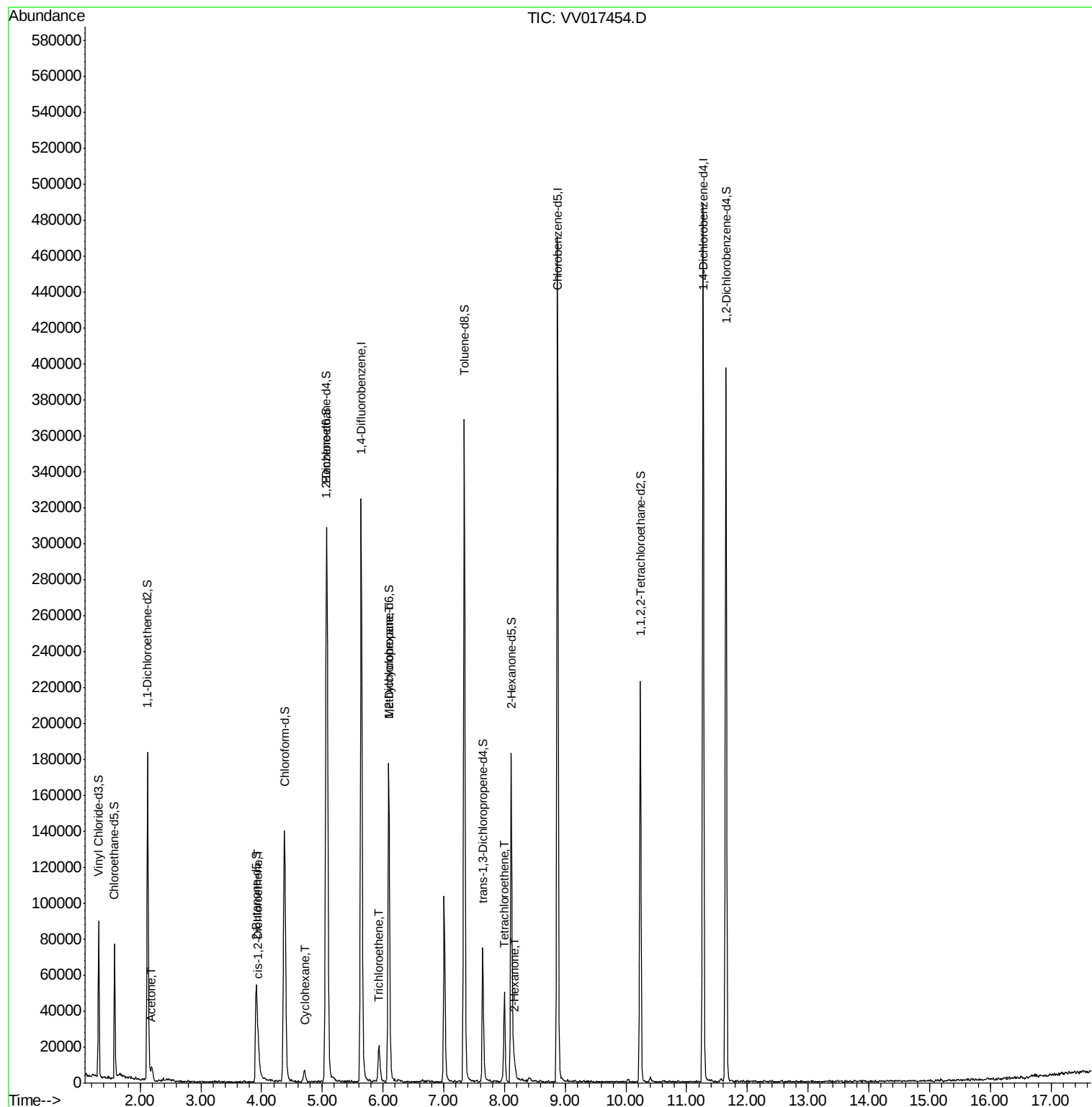
					Ovalue
13) Acetone	2.19	43	9313	7.366	ug/L 72
20) cis-1,2-Dichloroethene	3.95	96	3518	1.925	ug/L 84
29) Cyclohexane	4.70	56	2822	1.092	ug/L # 83
34) Trichloroethene	5.95	95	2262	1.163	ug/L # 84
35) Methylcyclohexane	6.09	83	21443	7.531	ug/L # 19
46) Tetrachloroethene	8.00	164	11209	6.865	ug/L 97
48) 2-Hexanone	8.17	43	5631	3.140	ug/L # 72

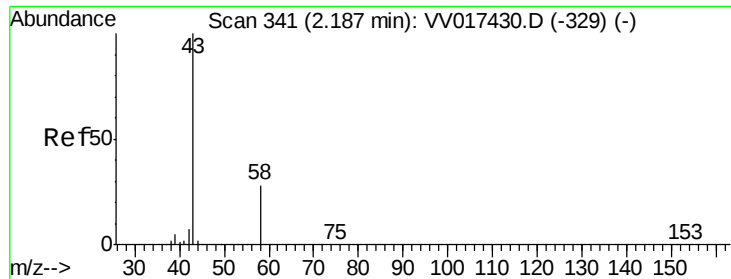
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jul 11 00:23:19 2020
Response via : Initial Calibration





#13

Acetone

Concen: 7.366 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV017454.D

Acq: 10 Jul 2020 20:45

Instrument :

MSVOA_V

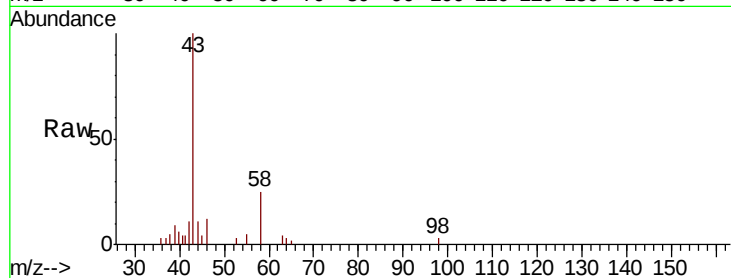
ClientSampleId :

Tot Ion: 43 Resp: 9313

Ion Ratio Lower Upper

43 100

58 13.3 0.0 56.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

4000

3000

2000

1000

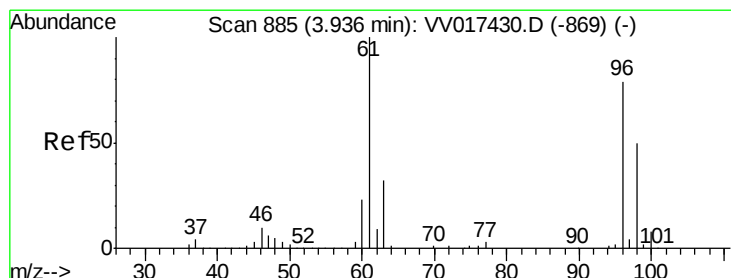
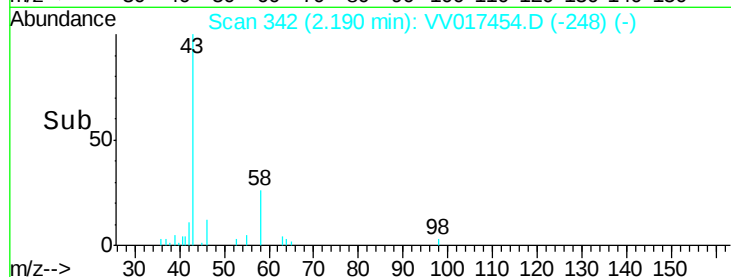
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Time-->

2.15

2.20

2.25



#20

cis-1,2-Dichloroethene

Concen: 1.925 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV017454.D

Acq: 10 Jul 2020 20:45

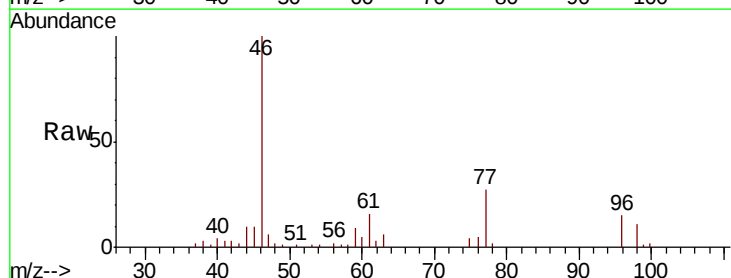
Tgt Ion: 96 Resp: 3518

Ion Ratio Lower Upper

96 100

61 108.1 88.9 165.1

68 0.0 0.0 0.0



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

2000

1500

1000

500

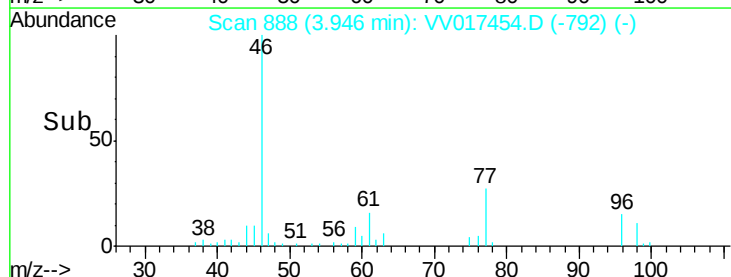
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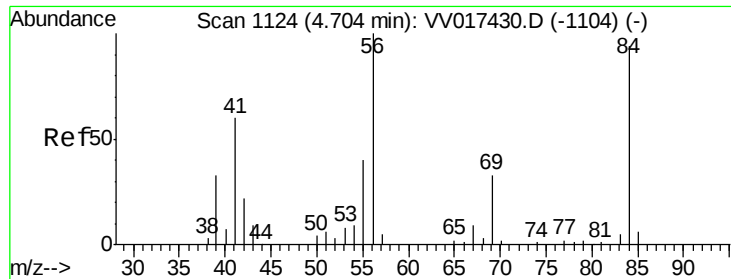
Time-->

3.90

3.95

4.00

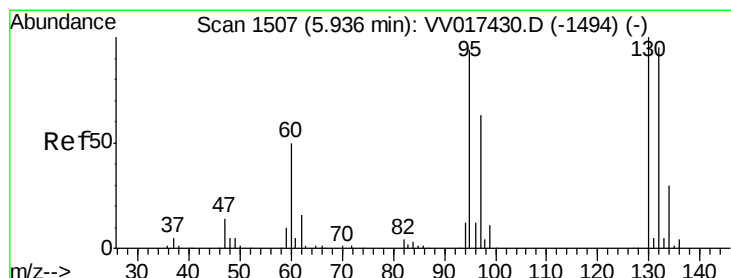
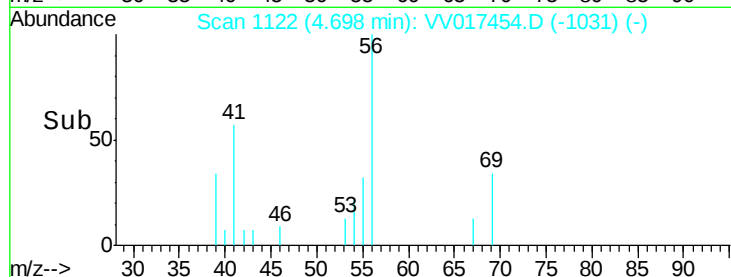
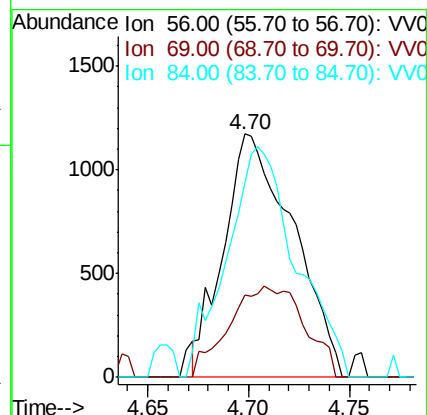
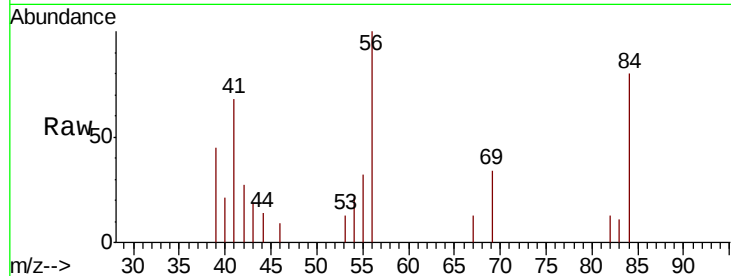




#29
Cyclohexane
Concen: 1.092 ug/L
RT: 4.70 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VV017454.D
Acq: 10 Jul 2020 20:45

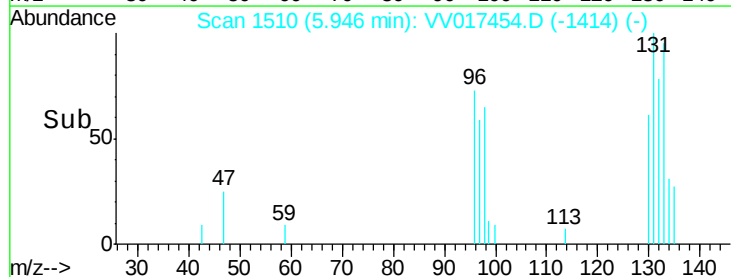
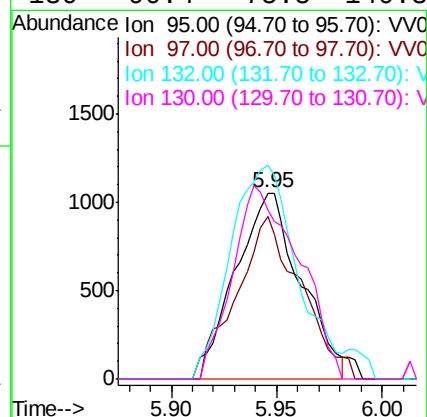
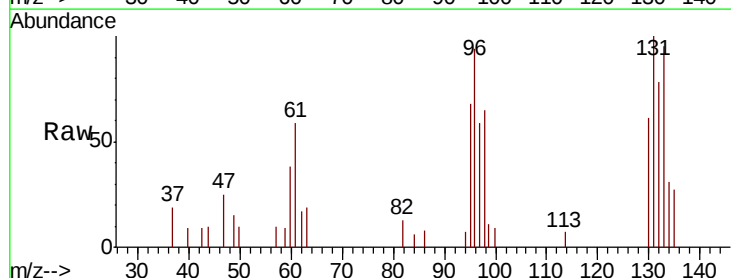
Instrument :
MSVOA_V
ClientSampleId :

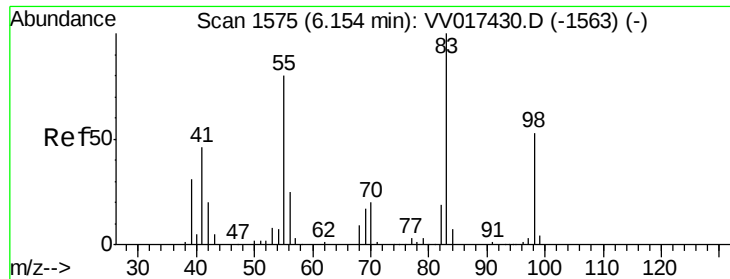
Tot Ion: 56 Resp: 2822
Ion Ratio Lower Upper
56 100
69 8.2 27.0 40.4#
84 89.2 77.4 116.0



#34
Trichloroethene
Concen: 1.163 ug/L
RT: 5.95 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VV017454.D
Acq: 10 Jul 2020 20:45

Tgt Ion: 95 Resp: 2262
Ion Ratio Lower Upper
95 100
97 87.6 45.6 84.6#
132 114.7 74.1 137.5
130 90.4 75.5 140.3

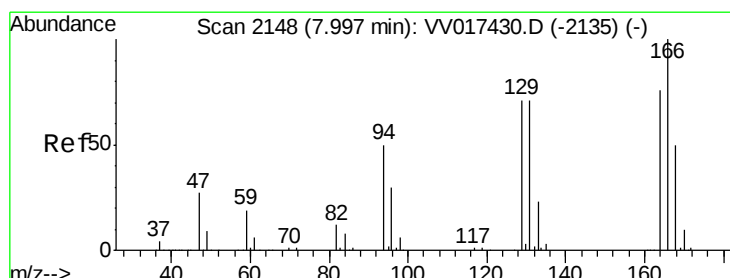
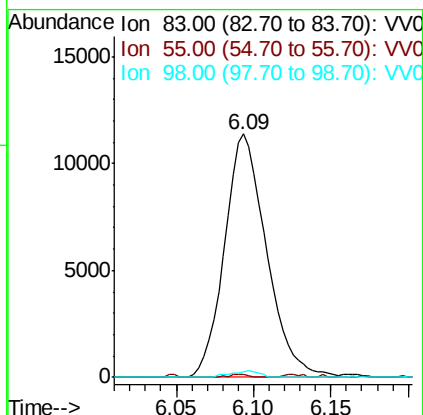
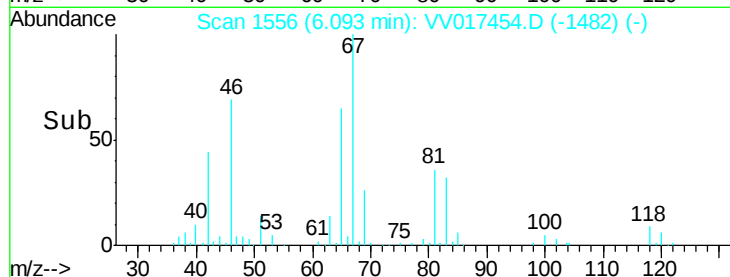
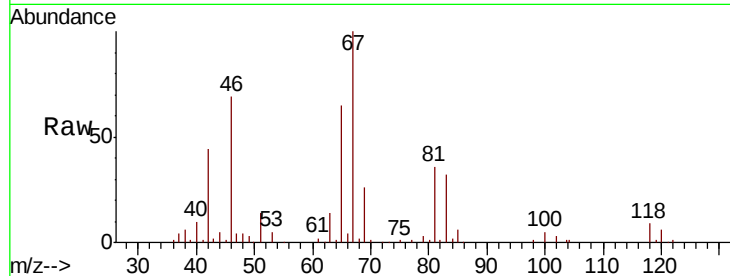




#35
Methvlcvclohexane
Concen: 7.531 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017454.D
Acq: 10 Jul 2020 20:45

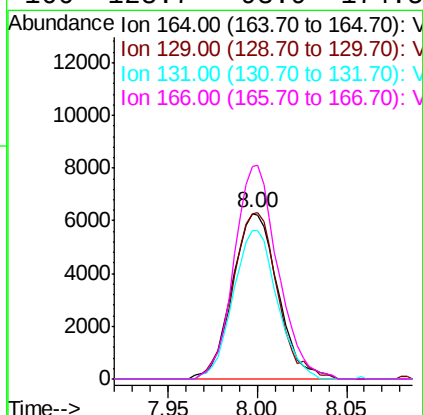
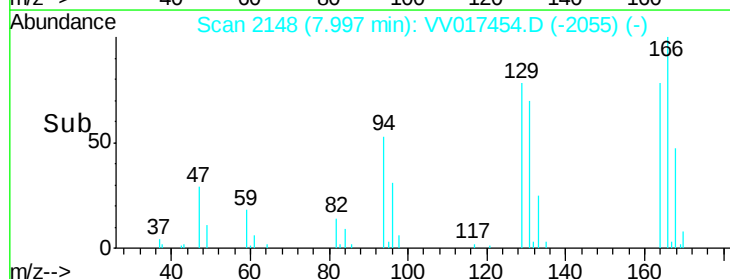
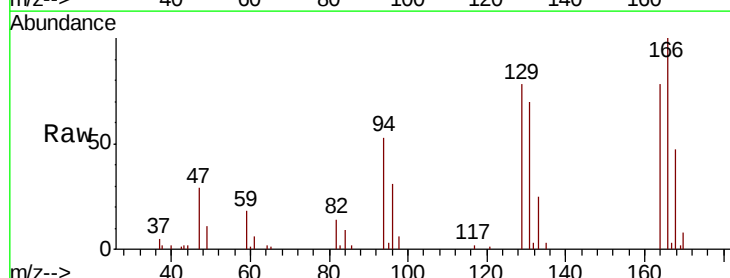
Instrument :
MSVOA_V
ClientSampleId :

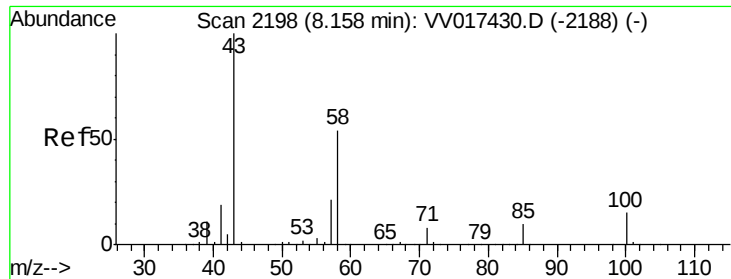
Tot Ion: 83 Resp: 21443
Ion Ratio Lower Upper
83 100
55 0.5 61.0 91.6#
98 1.9 41.3 61.9#



#46
Tetrachloroethene
Concen: 6.865 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV017454.D
Acq: 10 Jul 2020 20:45

Tgt Ion:164 Resp: 11209
Ion Ratio Lower Upper
164 100
129 99.9 66.6 123.8
131 93.9 65.5 121.7
166 128.7 93.9 174.5

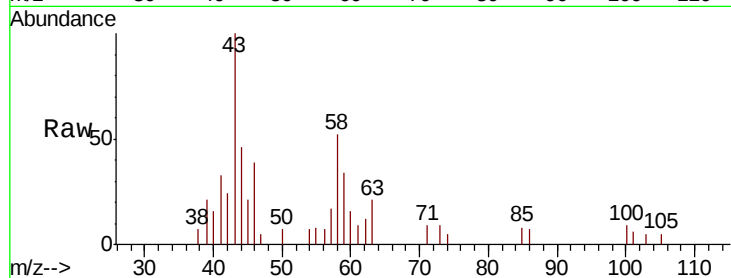




#48
 2-Hexanone
 Concen: 3.140 ug/L
 RT: 8.17 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: VV017454.D
 Acq: 10 Jul 2020 20:45

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 5631
 Ion Ratio Lower Upper
 43 100
 58 32.2 42.6 64.0#
 57 8.4 16.2 24.4#
 100 2.7 10.9 16.3#



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

