

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071320\
 Data File : VV017466.D
 Acq On : 13 Jul 2020 13:40
 Operator : SY/MD
 Sample : L3270-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 14 05:16:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 14 05:08:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	306990	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	285322	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	140211	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	73273	45.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.70%
7) Chloroethane-d5	1.58	69	55329	49.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.56%
11) 1,1-Dichloroethene-d2	2.12	63	122248	33.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.56%
21) 2-Butanone-d5	3.91	46	90917	83.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.29%
24) Chloroform-d	4.38	84	156577	42.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.72%
26) 1,2-Dichloroethane-d4	5.06	65	117685	46.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.76%
32) Benzene-d6	5.08	84	284588	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.34%
36) 1,2-Dichloropropane-d6	6.10	67	80329	45.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.52%
41) Toluene-d8	7.34	98	266954	45.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.10%
43) trans-1,3-Dichloropropene-	7.64	79	47073	45.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.14%
47) 2-Hexanone-d5	8.11	63	63455	87.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.11%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	100083	40.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	113560	48.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.88%

Target Compounds

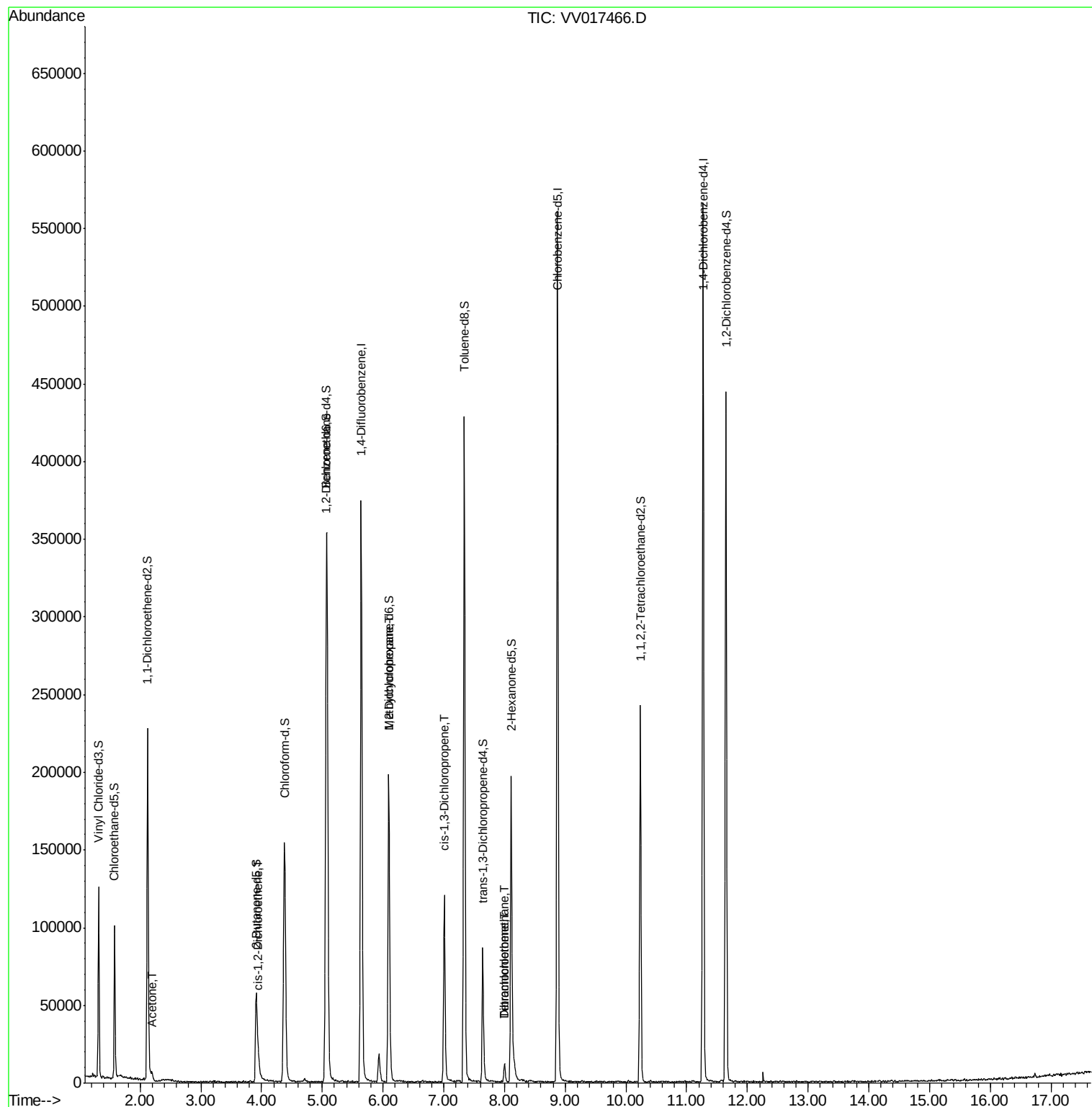
					Ovalue
13) Acetone	2.20	43	6137	4.130	ug/L 71
20) cis-1,2-Dichloroethene	3.95	96	1489	0.693	ug/L 73
35) Methylcyclohexane	6.09	83	22626	6.900	ug/L # 18
39) cis-1,3-Dichloropropene	7.01	75	3453	1.098	ug/L 86
46) Tetrachloroethene	8.00	164	2796	1.487	ug/L 94
49) Dibromochloromethane	8.00	129	2617	1.048	ug/L # 10

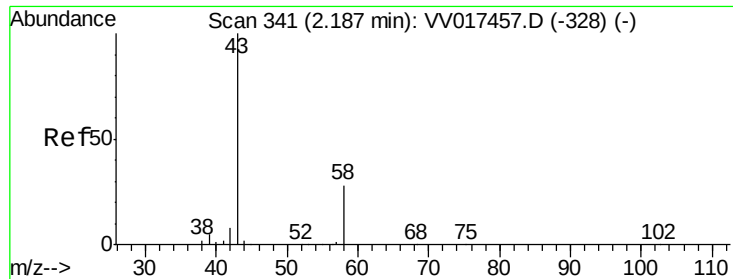
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jul 14 05:08:48 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.130 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

Lab File: VV017466.D

Acq: 13 Jul 2020 13:40

Instrument :

MSVOA_V

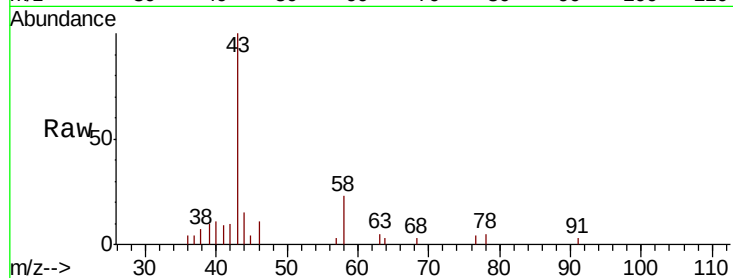
ClientSampleId :

Tot Ion: 43 Resp: 6137

Ion Ratio Lower Upper

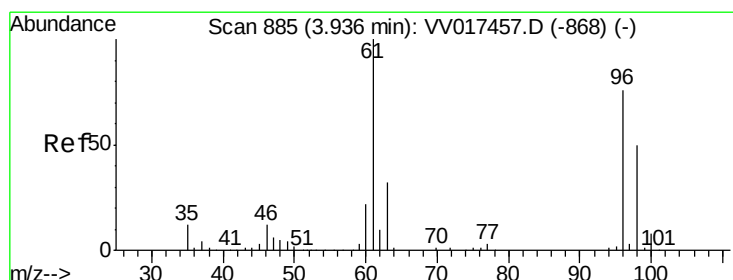
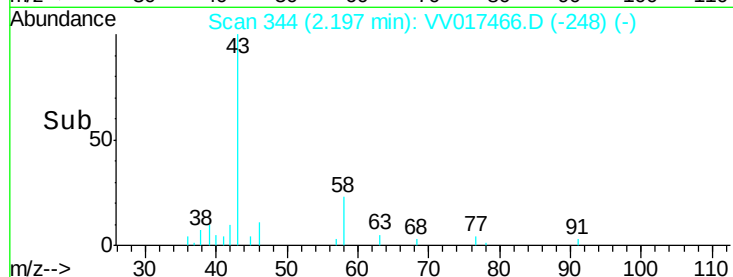
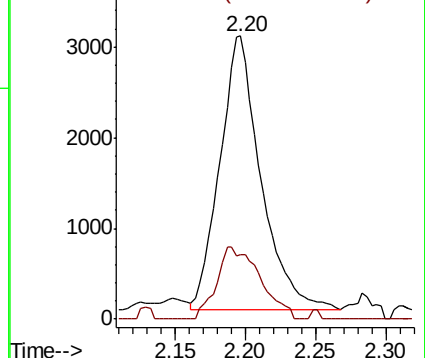
43 100

58 12.9 0.0 56.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 0.693 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV017466.D

Acq: 13 Jul 2020 13:40

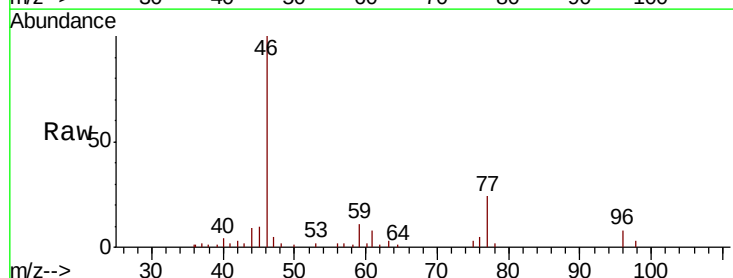
Tgt Ion: 96 Resp: 1489

Ion Ratio Lower Upper

96 100

61 96.0 88.9 165.1

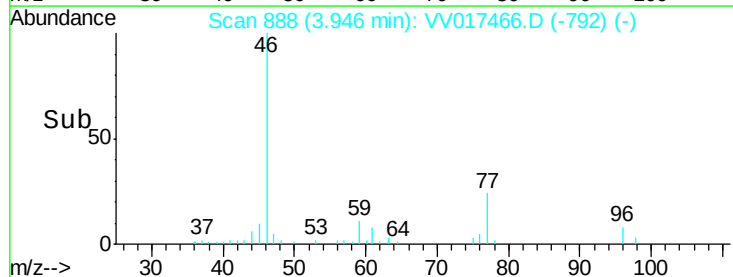
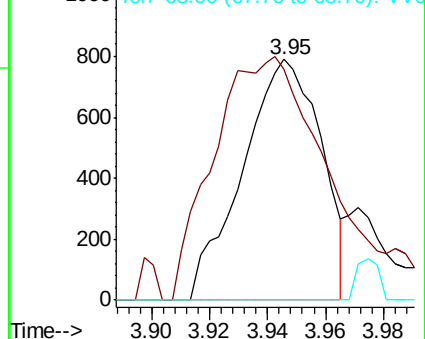
68 0.0 0.0 0.0

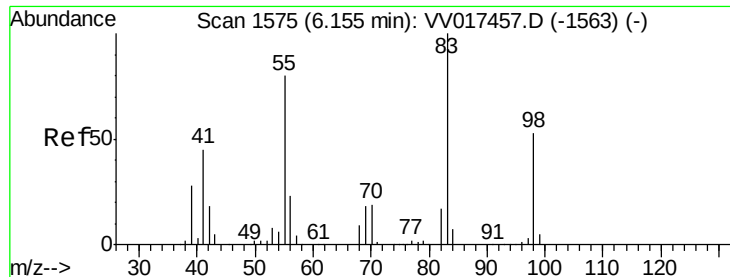


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

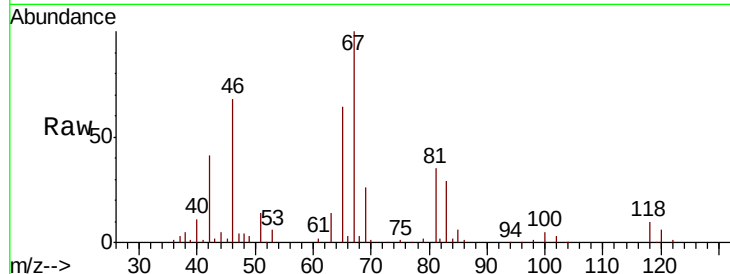




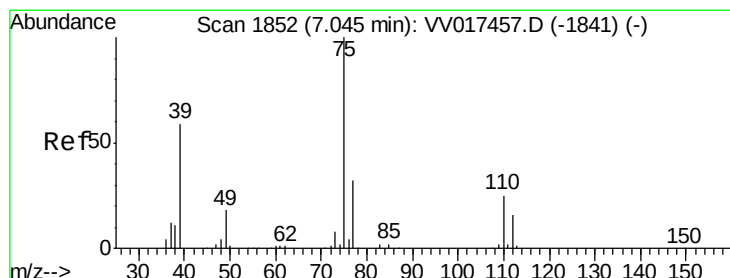
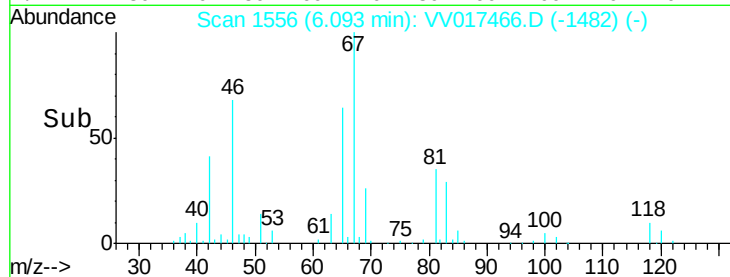
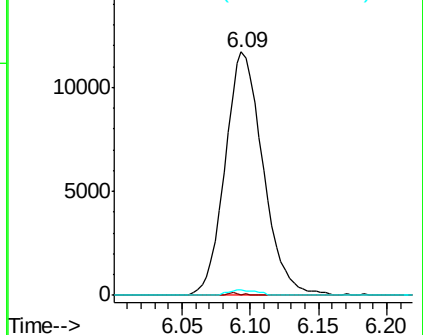
#35
Methylcyclohexane
Concen: 6.900 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017466.D
Acq: 13 Jul 2020 13:40

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 83 Resp: 22626
Ion Ratio Lower Upper
83 100
55 0.1 61.0 91.6#
98 1.6 41.3 61.9#

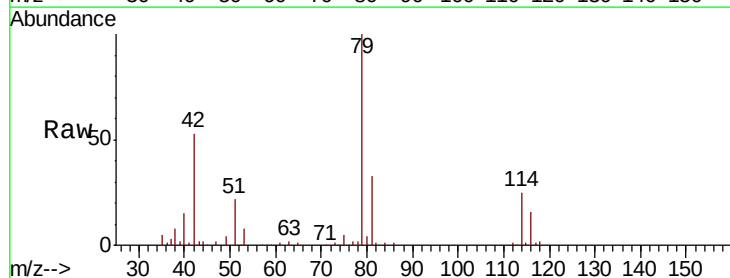


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

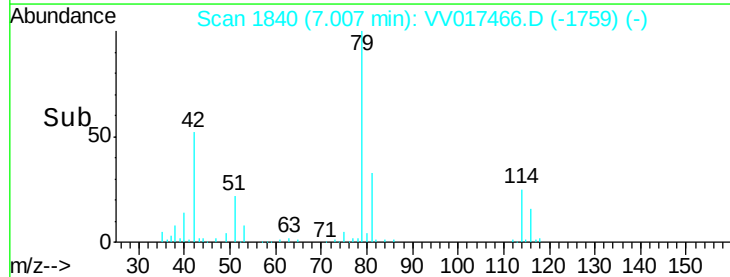
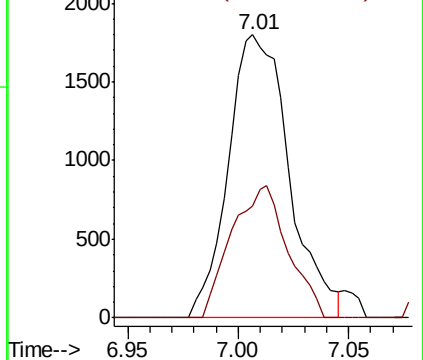


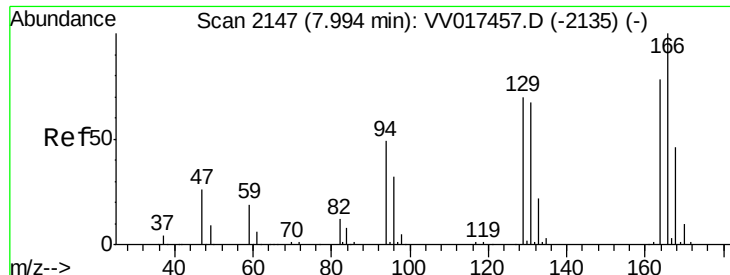
#39
cis-1,3-Dichloropropene
Concen: 1.098 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV017466.D
Acq: 13 Jul 2020 13:40

Tgt Ion: 75 Resp: 3453
Ion Ratio Lower Upper
75 100
77 39.7 22.2 41.2



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0

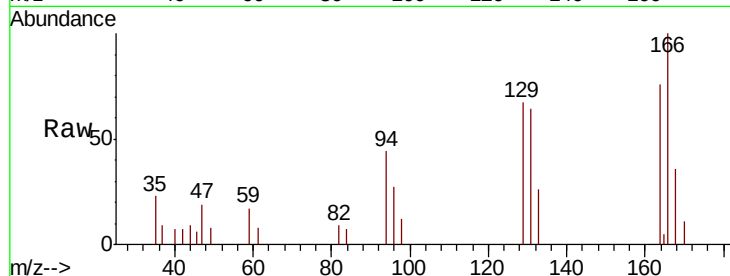




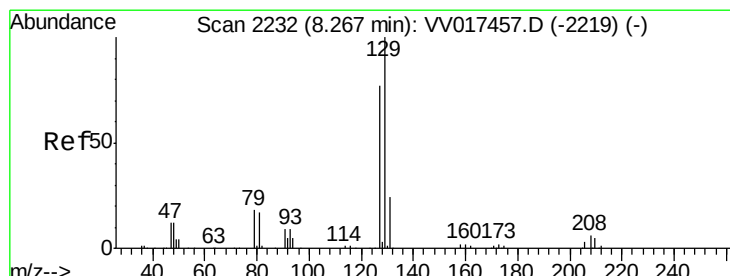
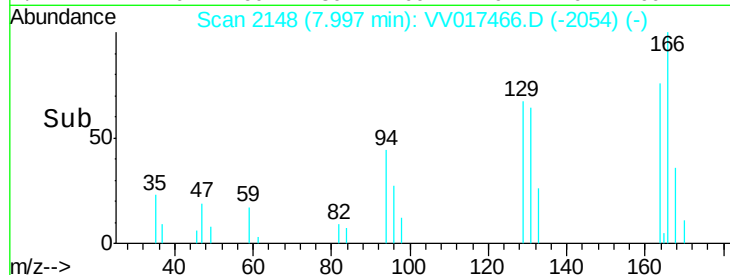
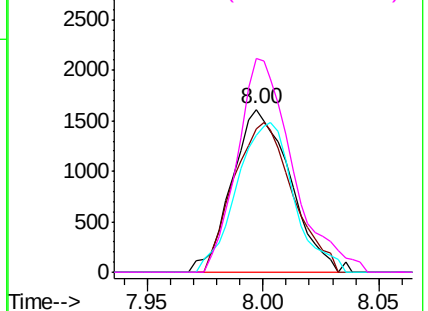
#46
Tetrachloroethene
Concen: 1.487 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV017466.D
Acq: 13 Jul 2020 13:40

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:164 Resp: 2796
Ion Ratio Lower Upper
164 100
129 88.2 66.6 123.8
131 84.2 65.5 121.7
166 131.1 93.9 174.5

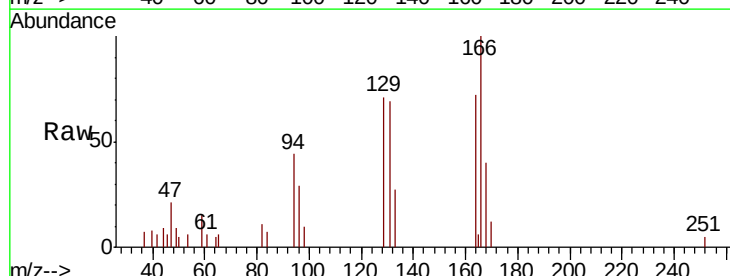


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#49
Dibromochloromethane
Concen: 1.048 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. -0.27 min
Lab File: VV017466.D
Acq: 13 Jul 2020 13:40

Tgt Ion:129 Resp: 2617
Ion Ratio Lower Upper
129 100
127 0.0 54.6 101.4#



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

