

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061820\
 Data File : VV016984.D
 Acq On : 18 Jun 2020 17:52
 Operator : SY/MD
 Sample : L3039-03DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 19 04:38:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 19 04:33:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	346464	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	325196	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	156509	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83428	34.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.26%
7) Chloroethane-d5	1.58	69	60357	41.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.30%
11) 1,1-Dichloroethene-d2	2.12	63	132643	32.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.62%
21) 2-Butanone-d5	3.91	46	167906	92.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.80%
24) Chloroform-d	4.38	84	228027	45.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.74%
26) 1,2-Dichloroethane-d4	5.06	65	162266	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.98%
32) Benzene-d6	5.08	84	432249	46.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.22%
36) 1,2-Dichloropropane-d6	6.09	67	136323	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.30%
41) Toluene-d8	7.34	98	392680	45.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.30%
43) trans-1,3-Dichloropropene-	7.64	79	68434	44.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.94%
47) 2-Hexanone-d5	8.11	63	92091	72.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.29%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	167277	43.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.48%
64) 1,2-Dichlorobenzene-d4	11.65	152	162808	48.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.48%

Target Compounds

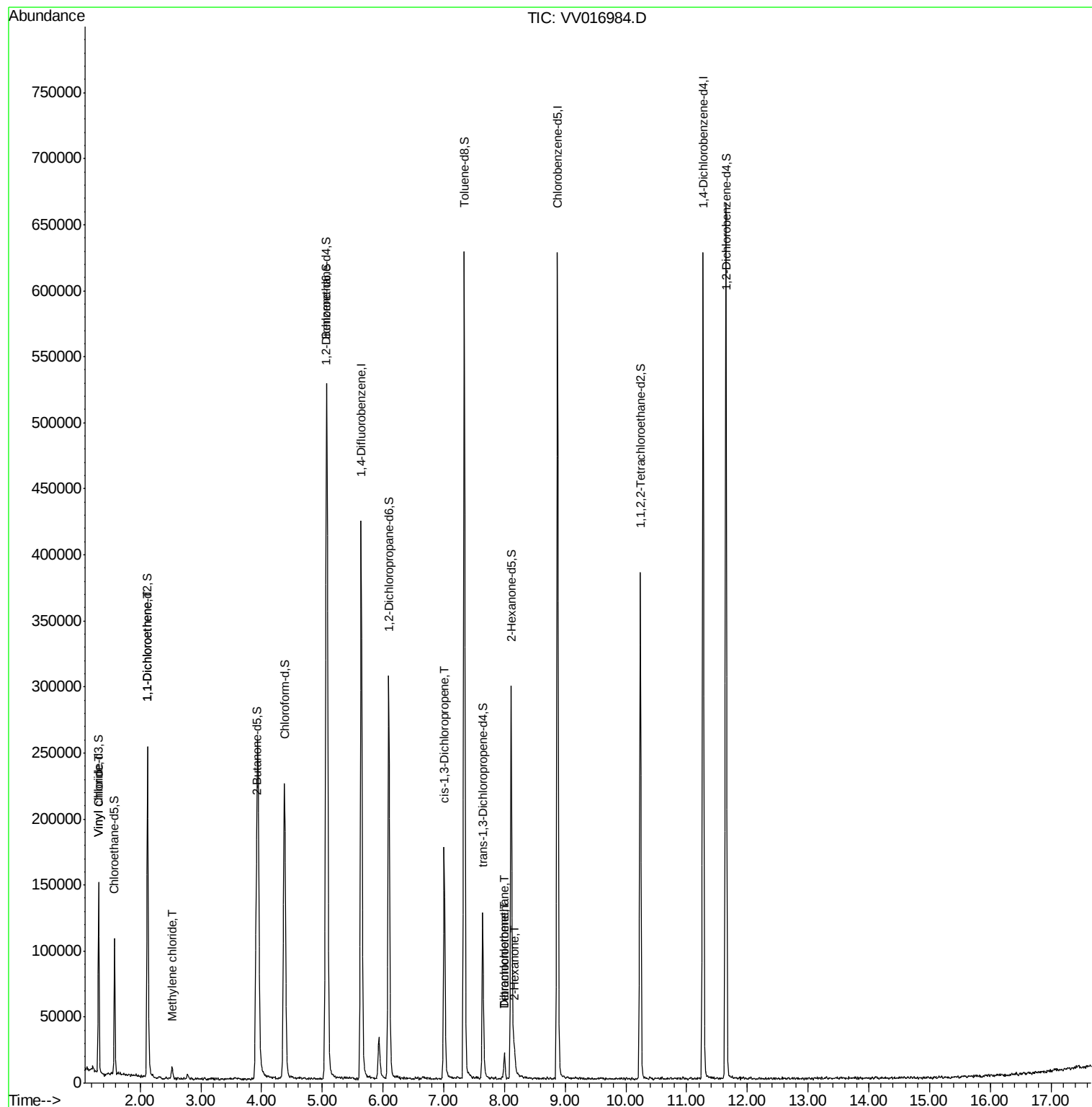
					Ovalue
5) Vinyl chloride	1.32	62	5203	2.106 ug/L #	67
12) 1,1-Dichloroethene	2.12	96	1243	0.723 ug/L #	1
16) Methylene chloride	2.52	84	3725	1.476 ug/L	81
39) cis-1,3-Dichloropropene	7.01	75	4870	1.253 ug/L	85
46) Tetrachloroethene	8.00	164	4397	2.167 ug/L	95
48) 2-Hexanone	8.17	43	10847	3.946 ug/L #	86
49) Dibromochloromethane	8.00	129	3716	1.440 ug/L #	11

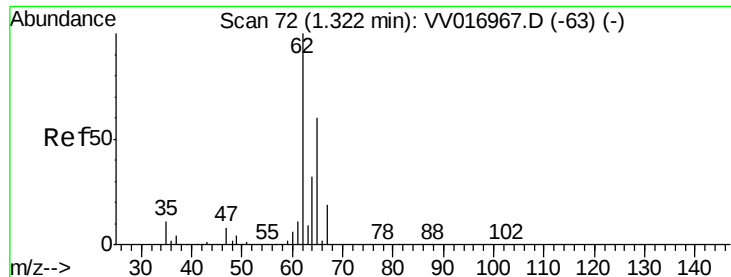
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 19 04:33:43 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.106 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV016984.D

Acq: 18 Jun 2020 17:52

Instrument :

MSVOA_V

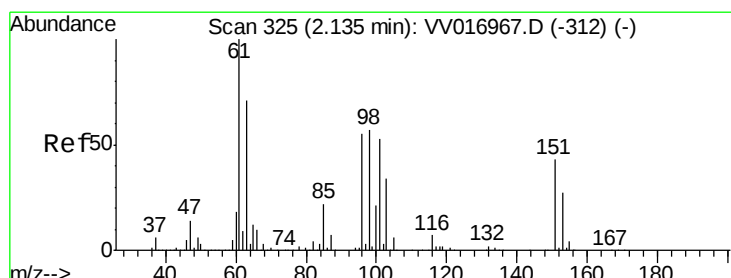
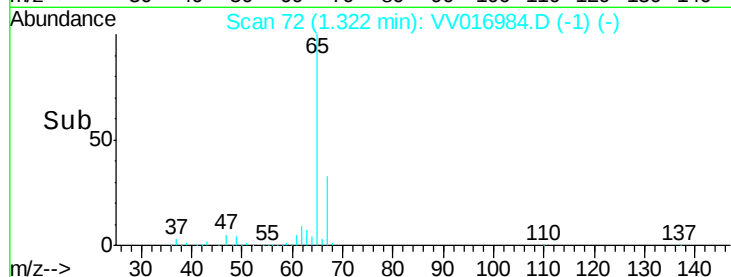
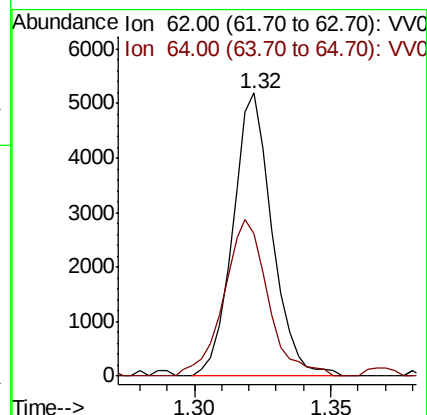
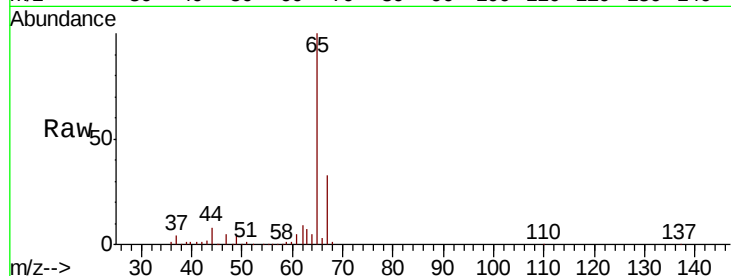
ClientSampleId :

Tot Ion: 62 Resp: 5203

Ion Ratio Lower Upper

62 100

64 50.4 22.3 41.5#



#12

1,1-Dichloroethene

Concen: 0.723 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.02 min

Lab File: VV016984.D

Acq: 18 Jun 2020 17:52

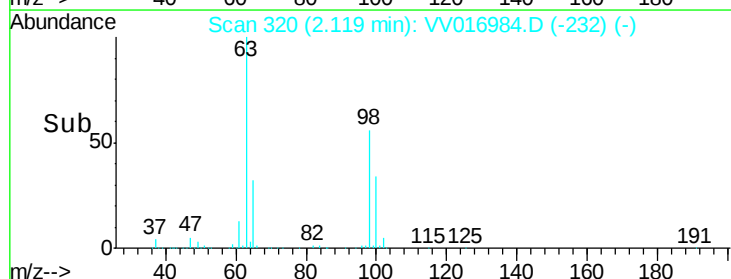
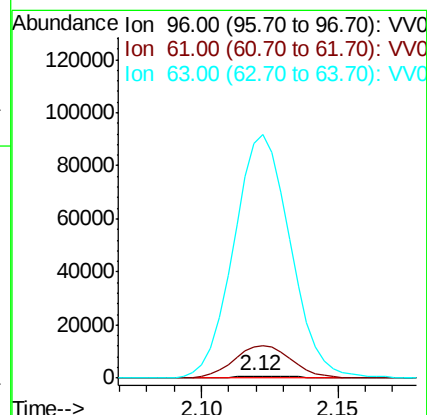
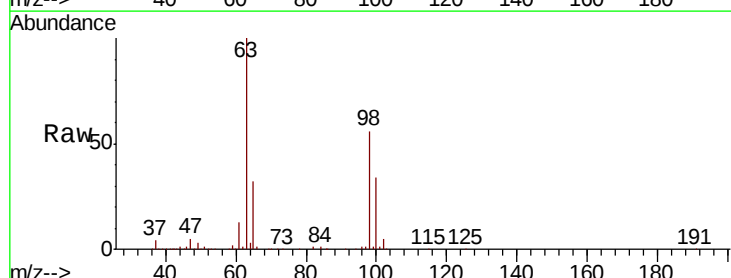
Tgt Ion: 96 Resp: 1243

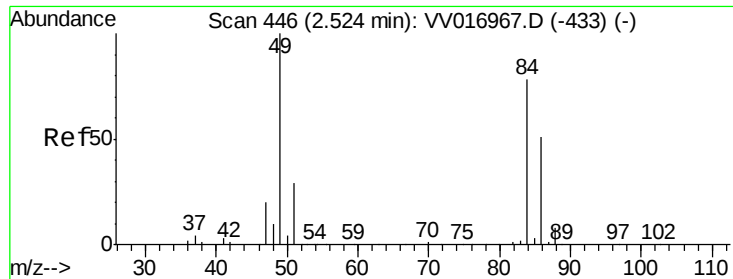
Ion Ratio Lower Upper

96 100

61 1723.9 130.4 242.2#

63 12819.7 103.3 191.9#

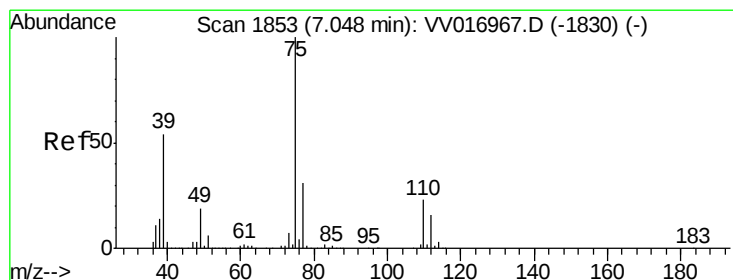
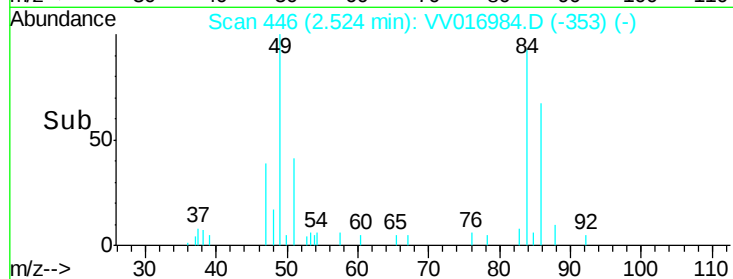
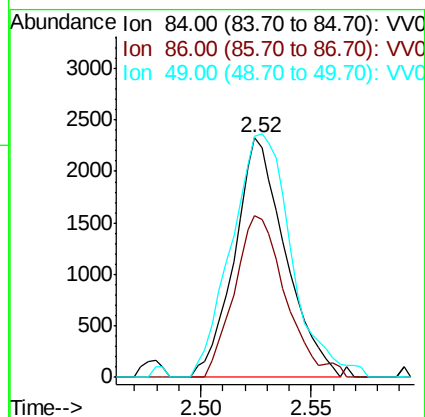
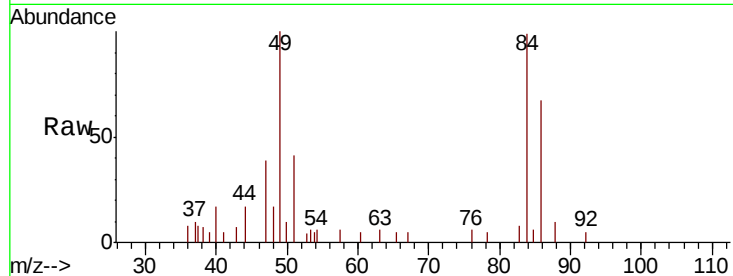




#16
Methvlene chloride
Concen: 1.476 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV016984.D
Acq: 18 Jun 2020 17:52

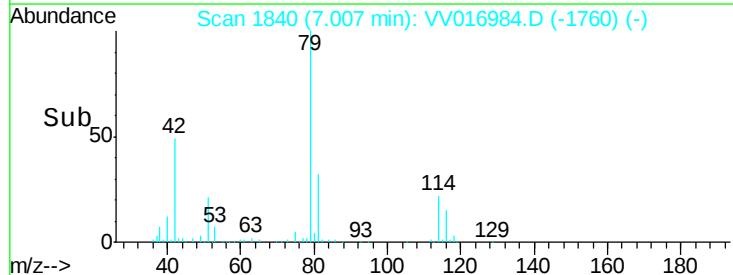
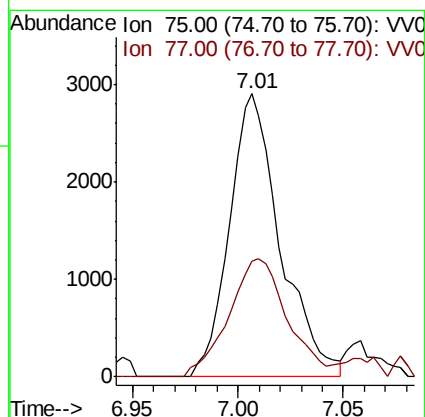
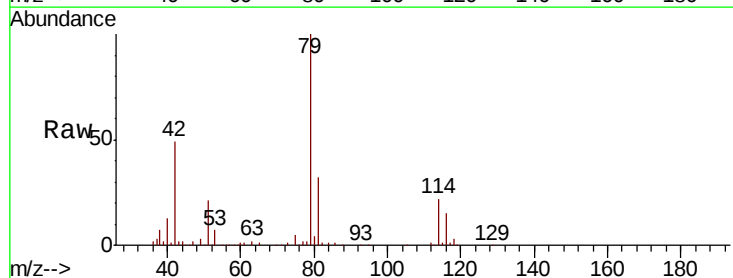
Instrument :
MSVOA_V
ClientSampled :

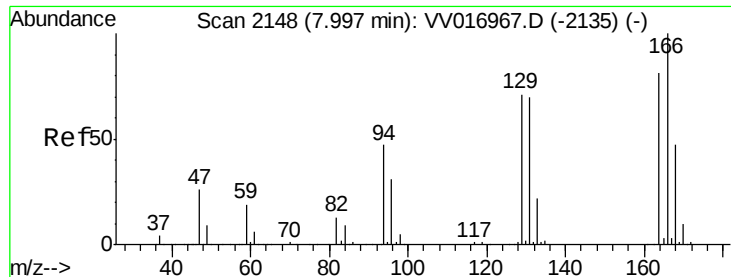
Tot Ion: 84 Resp: 3725
Ion Ratio Lower Upper
84 100
86 67.6 44.0 81.8
49 100.7 90.9 168.9



#39
cis-1,3-Dichloropropene
Concen: 1.253 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV016984.D
Acq: 18 Jun 2020 17:52

Tgt Ion: 75 Resp: 4870
Ion Ratio Lower Upper
75 100
77 41.0 22.7 42.1

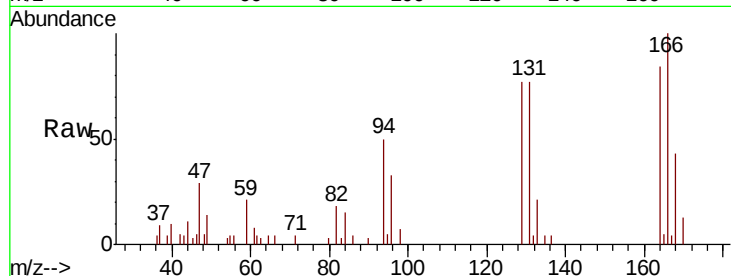




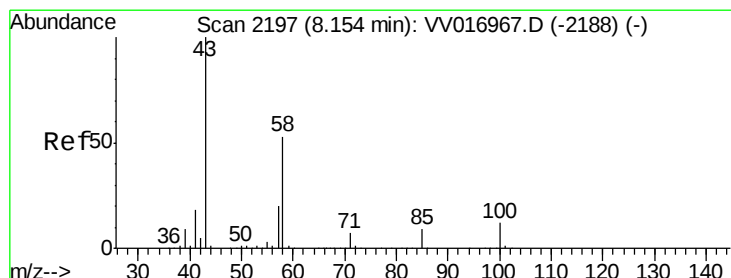
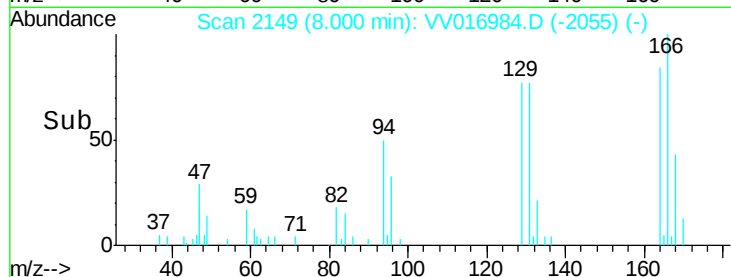
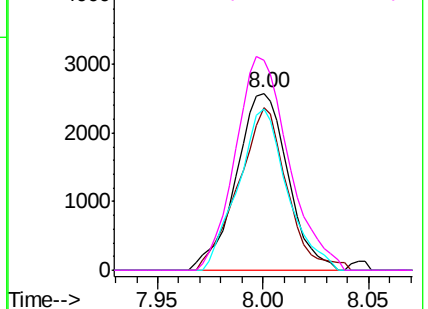
#46
Tetrachloroethene
Concen: 2.167 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.00 min
Lab File: VV016984.D
Acq: 18 Jun 2020 17:52

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:164 Resp: 4397
Ion Ratio Lower Upper
164 100
129 91.7 67.0 124.4
131 91.6 64.8 120.3
166 119.0 90.4 167.8

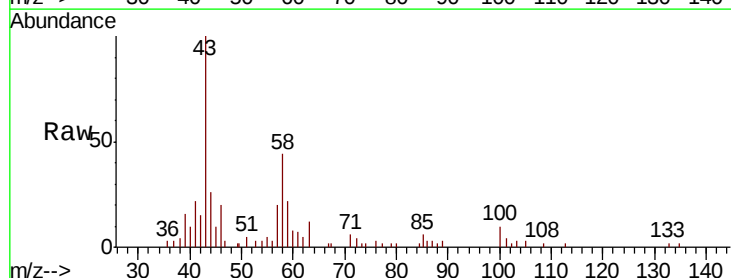


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

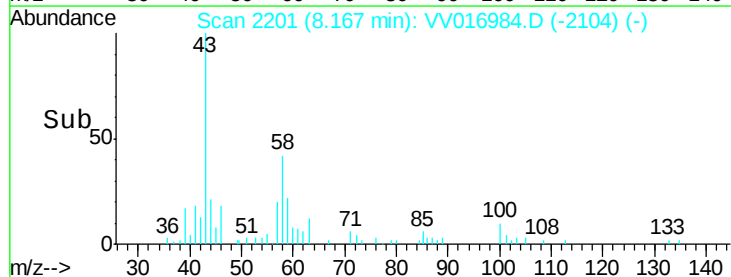
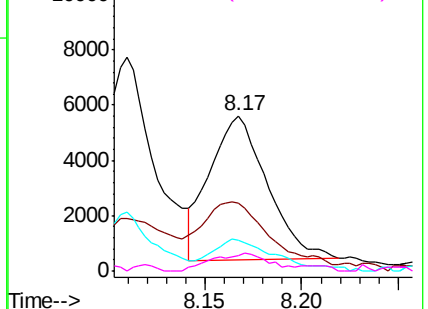


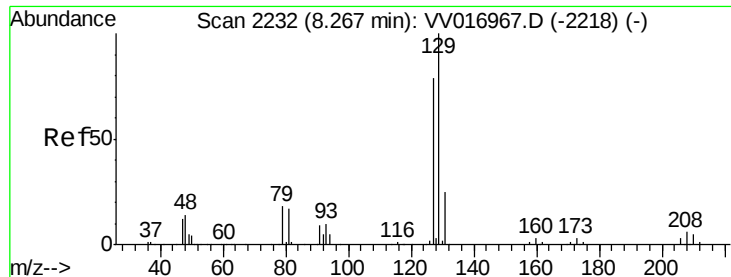
#48
2-Hexanone
Concen: 3.946 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV016984.D
Acq: 18 Jun 2020 17:52

Tgt Ion: 43 Resp: 10847
Ion Ratio Lower Upper
43 100
58 41.9 43.1 64.7#
57 17.6 15.3 22.9
100 4.3 10.0 15.0#



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





#49

Dibromochloromethane

Concen: 1.440 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. -0.27 min

Lab File: VV016984.D

Acq: 18 Jun 2020 17:52

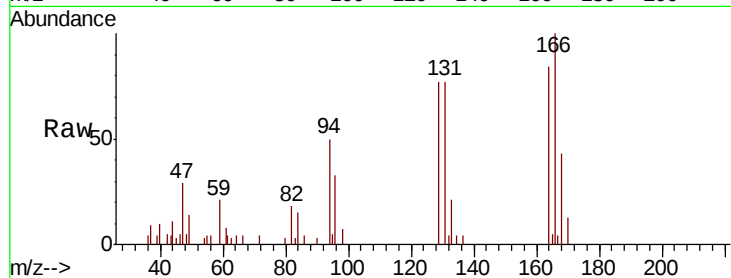
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:129 Resp: 3716

Ion Ratio Lower Upper

129 100

127 0.0 54.2 100.6#



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

