

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101520\
 Data File : VV018918.D
 Acq On : 15 Oct 2020 18:14
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK65

Quant Time: Oct 16 08:46:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 16 08:38:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	328702	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	322509	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	150020	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	123423	45.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.24%
7) Chloroethane-d5	1.58	69	100652	46.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.90%
11) 1,1-Dichloroethene-d2	2.12	63	182218	35.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.34%
21) 2-Butanone-d5	3.91	46	172673	91.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.56%
24) Chloroform-d	4.38	84	224232	46.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.24%
26) 1,2-Dichloroethane-d4	5.05	65	157701	48.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.74%
32) Benzene-d6	5.08	84	455188	48.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.70%
36) 1,2-Dichloropropane-d6	6.09	67	149243	49.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.16%
41) Toluene-d8	7.34	98	395391	46.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.62%
43) trans-1,3-Dichloropropene-	7.64	79	69010	46.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.80%
47) 2-Hexanone-d5	8.11	63	95102	85.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.04%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	153354	43.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.94%
64) 1,2-Dichlorobenzene-d4	11.65	152	156277	51.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

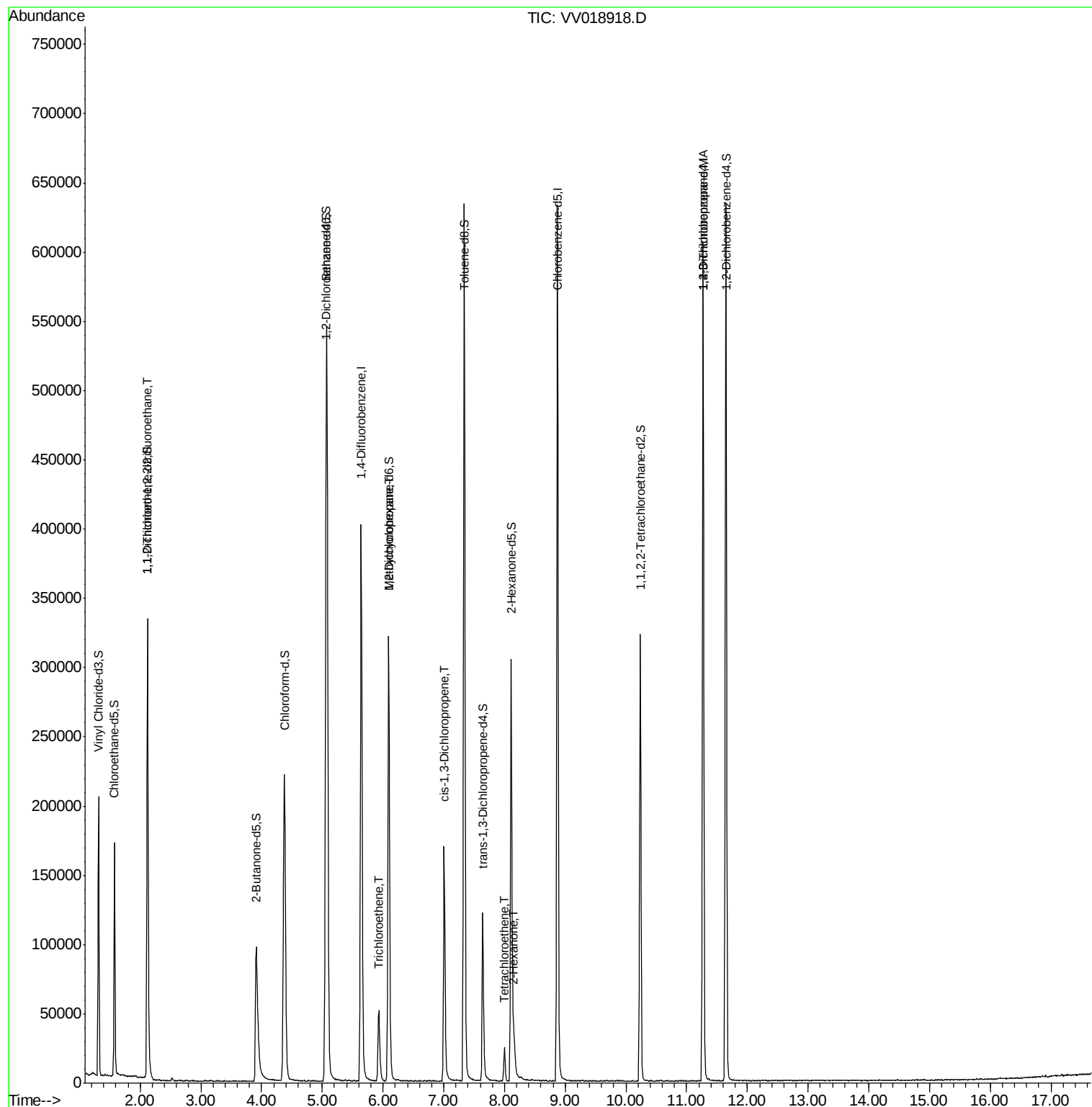
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1630	0.764	ug/L #	20
34) Trichloroethene	5.94	95	4024	1.411	ug/L	97
35) Methylcyclohexane	6.09	83	34353	9.949	ug/L #	16
39) cis-1,3-Dichloropropene	7.01	75	4445	1.118	ug/L #	78
46) Tetrachloroethene	8.00	164	5334	2.655	ug/L	91
48) 2-Hexanone	8.16	43	15110	5.221	ug/L #	81
59) 1,2,3-Trichloropropane	11.27	75	18707	5.839	ug/L	93

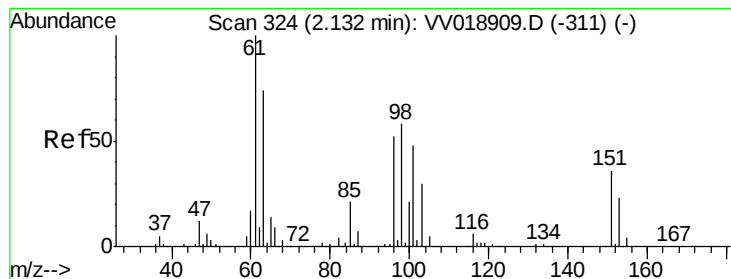
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV101520\
Data File : VV018918.D
Acq On : 15 Oct 2020 18:14
Operator : SY/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK65

Quant Time: Oct 16 08:46:49 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 16 08:38:45 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.764 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018918.D

Acq: 15 Oct 2020 18:14

Instrument :

MSVOA_V

ClientSampleId :

VIBLK65

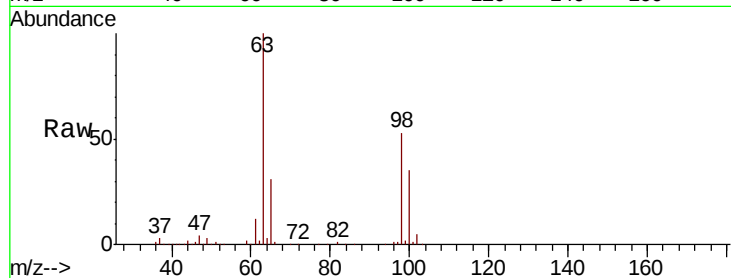
Tot Ion:101 Resp: 1630

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

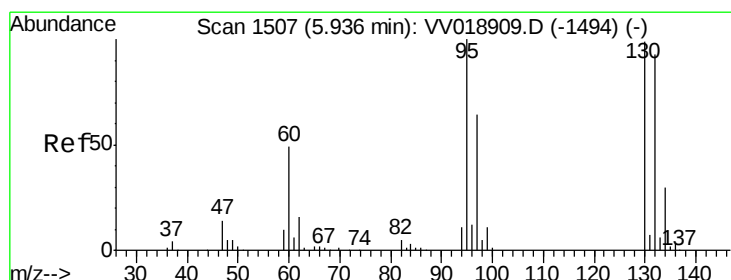
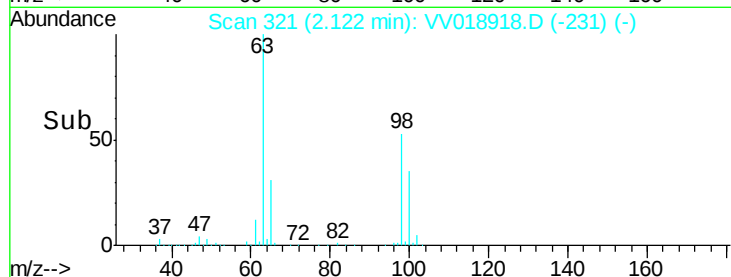
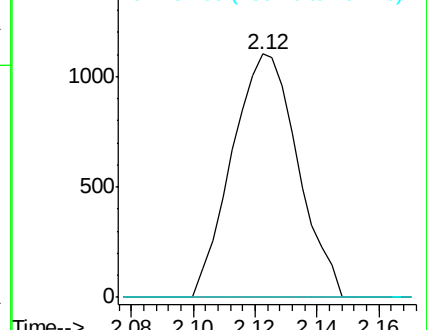
151 0.0 59.7 89.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#34

Trichloroethene

Concen: 1.411 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV018918.D

Acq: 15 Oct 2020 18:14

Tgt Ion: 95 Resp: 4024

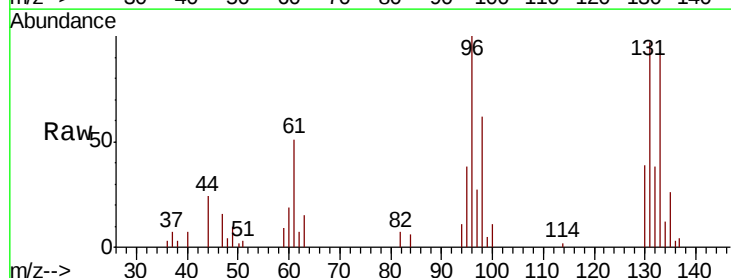
Ion Ratio Lower Upper

95 100

97 70.5 44.7 82.9

132 98.2 67.0 124.4

130 100.8 70.8 131.6

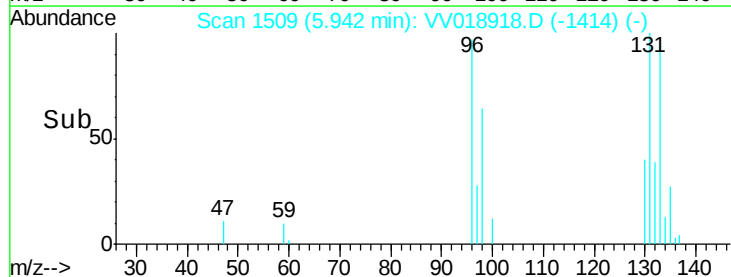
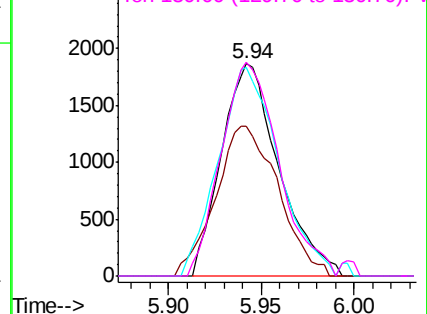


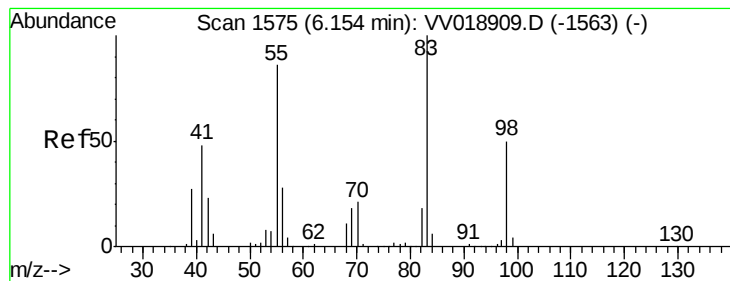
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#35

Methylcyclohexane

Concen: 9.949 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018918.D

Acq: 15 Oct 2020 18:14

Instrument :

MSVOA_V

ClientSampleId :

VIBLK65

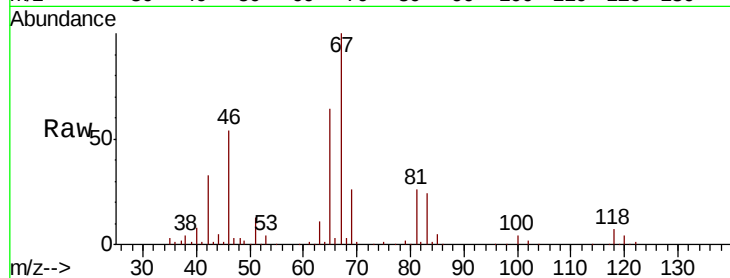
Tot Ion: 83 Resp: 34353

Ion Ratio Lower Upper

83 100

55 0.5 67.3 100.9#

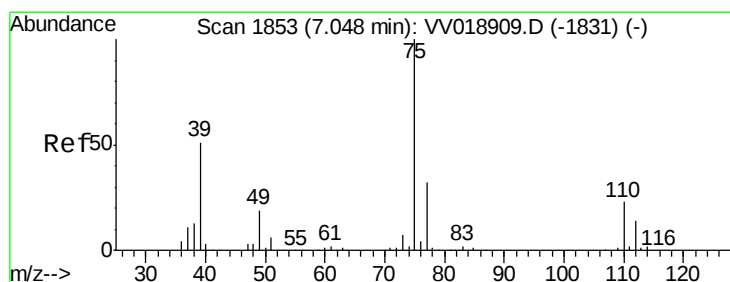
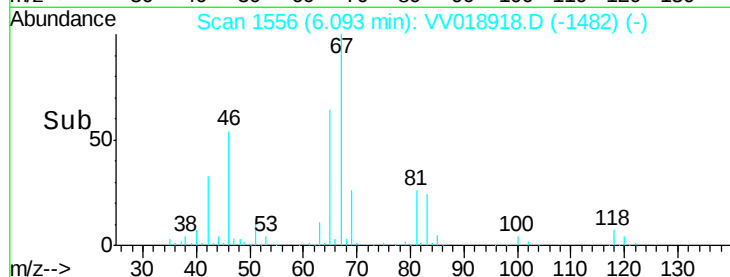
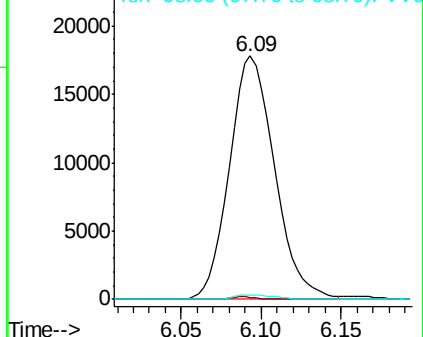
98 1.6 37.9 56.9#



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: 1.118 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018918.D

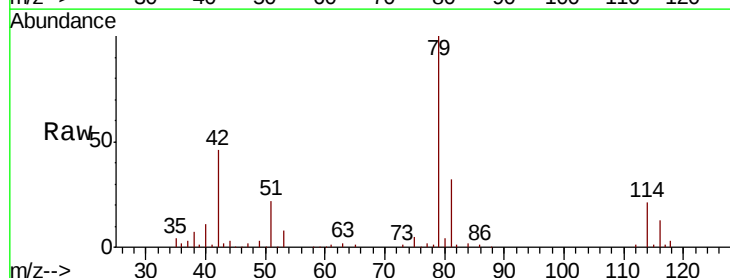
Acq: 15 Oct 2020 18:14

Tgt Ion: 75 Resp: 4445

Ion Ratio Lower Upper

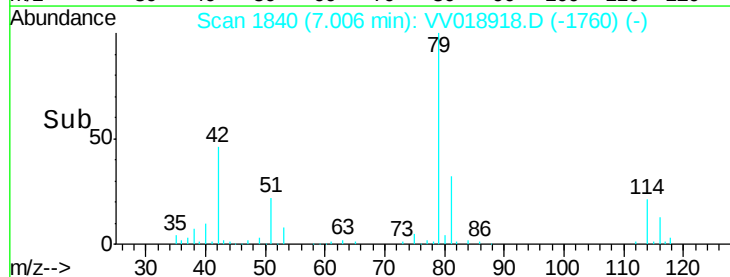
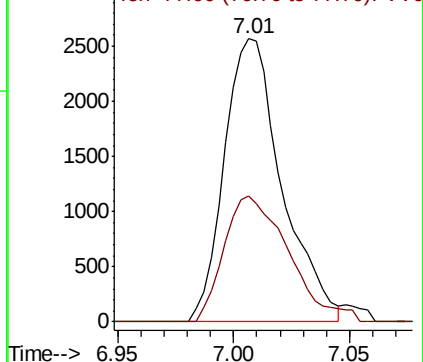
75 100

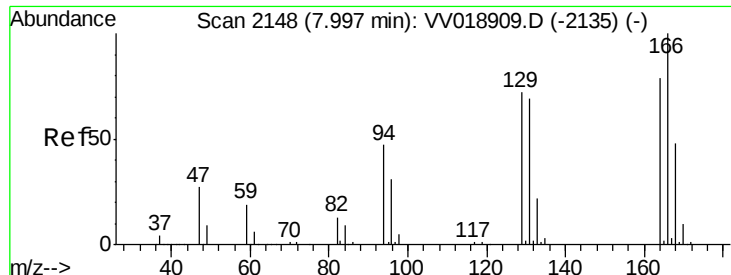
77 44.4 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

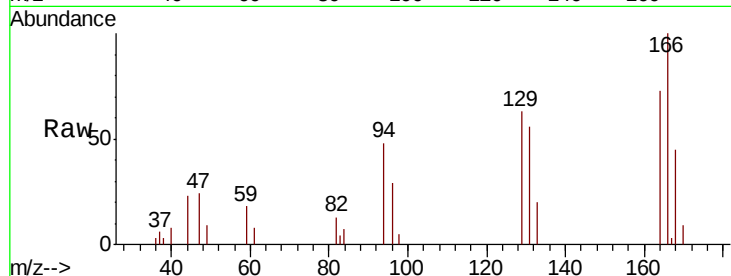




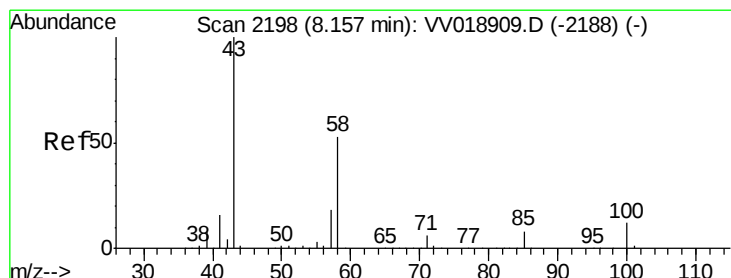
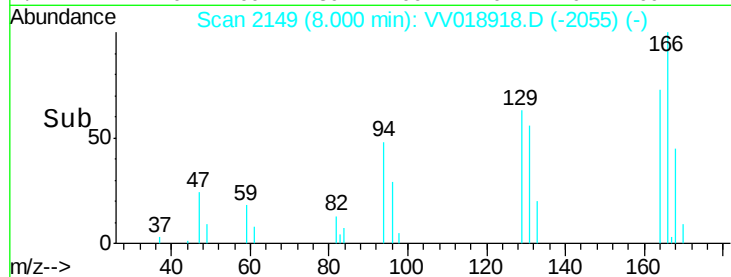
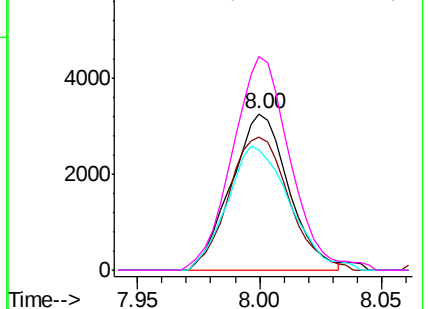
#46
Tetrachloroethene
Concen: 2.655 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.00 min
Lab File: VV018918.D
Acq: 15 Oct 2020 18:14

Instrument :
MSVOA_V
ClientSampleId :
VIBLK65

Tot Ion:164 Resp: 5334
Ion Ratio Lower Upper
164 100
129 85.5 65.0 120.8
131 76.7 62.9 116.7
166 136.7 91.1 169.3

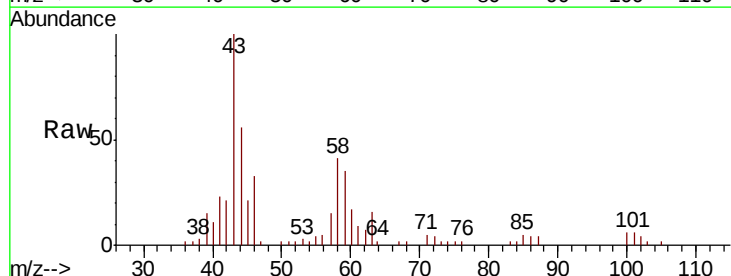


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

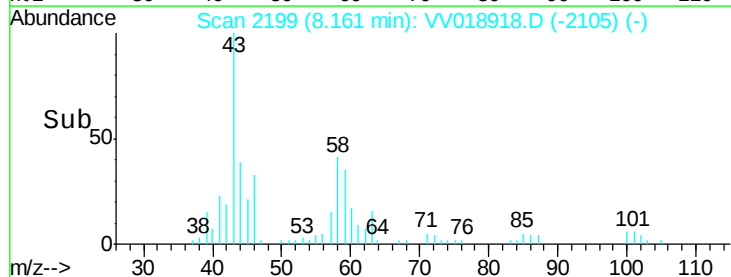
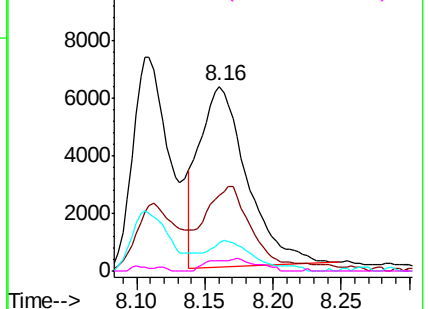


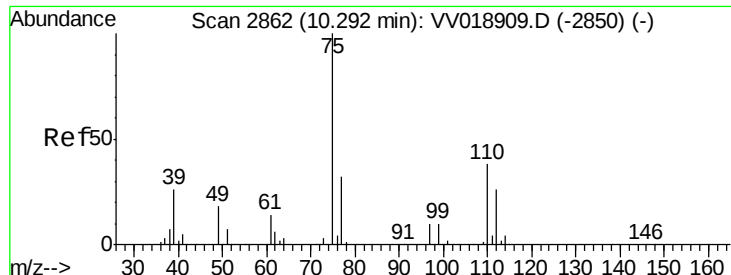
#48
2-Hexanone
Concen: 5.221 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV018918.D
Acq: 15 Oct 2020 18:14

Tgt Ion: 43 Resp: 15110
Ion Ratio Lower Upper
43 100
58 37.7 42.5 63.7#
57 14.8 14.5 21.7
100 3.2 9.0 13.4#



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





#59

1,2,3-Trichloropropane

Concen: 5.839 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018918.D

Acq: 15 Oct 2020 18:14

Instrument :

MSVOA_V

ClientSampleId :

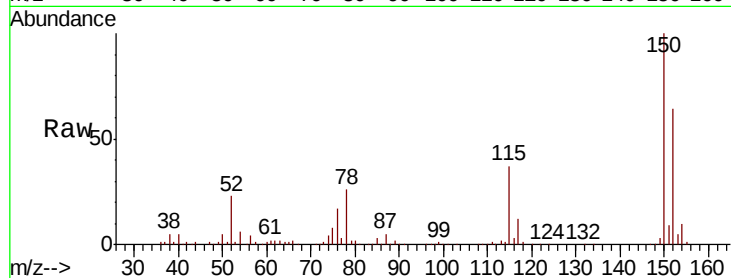
VIBLK65

Tot Ion: 75 Resp: 18707

Ion Ratio Lower Upper

75 100

77 35.8 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

