

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061820\
 Data File : VV016981.D
 Acq On : 18 Jun 2020 15:56
 Operator : SY/MD
 Sample : L3039-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M18

Quant Time: Jun 19 04:38:12 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	266528	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	250487	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	116047	50.00	ug/L	0.00

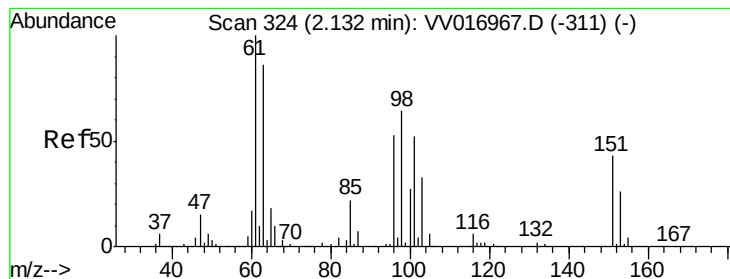
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	65288	34.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.44%
7) Chloroethane-d5	1.58	69	47387	41.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.98%
11) 1,1-Dichloroethene-d2	2.12	63	103798	32.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.74%
21) 2-Butanone-d5	3.91	46	151359	108.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.74%
24) Chloroform-d	4.38	84	174075	45.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.04%
26) 1,2-Dichloroethane-d4	5.06	65	127213	48.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.82%
32) Benzene-d6	5.07	84	329052	45.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.14%
36) 1,2-Dichloropropane-d6	6.09	67	106229	47.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.40%
41) Toluene-d8	7.34	98	300653	45.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.74%
43) trans-1,3-Dichloropropene-	7.64	79	52521	44.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.60%
47) 2-Hexanone-d5	8.11	63	84871	86.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.49%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	139323	46.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	123632	49.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.84%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1048	0.740 ug/L #	24
12) 1,1-Dichloroethene	2.12	96	1027	0.776 ug/L #	1
13) Acetone	2.19	43	3531	3.850 ug/L	58
20) cis-1,2-Dichloroethene	3.94	96	8029	4.083 ug/L	85
34) Trichloroethene	5.94	95	3813	1.918 ug/L	87
44) trans-1,3-Dichloropropene	7.64	75	2758	0.948 ug/L #	72
46) Tetrachloroethene	8.00	164	33921	21.699 ug/L	96
48) 2-Hexanone	8.17	43	8151	3.849 ug/L #	87

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



#10

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

Concen: 0.740 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016981.D

Acq: 18 Jun 2020 15:56

Instrument :

MSVOA_V

ClientSampled :

F9M18

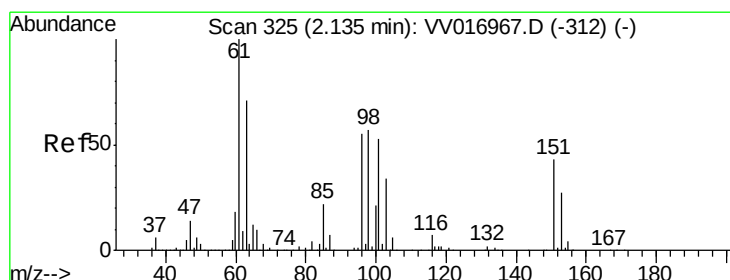
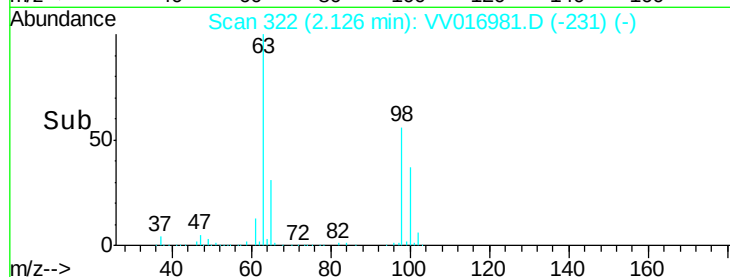
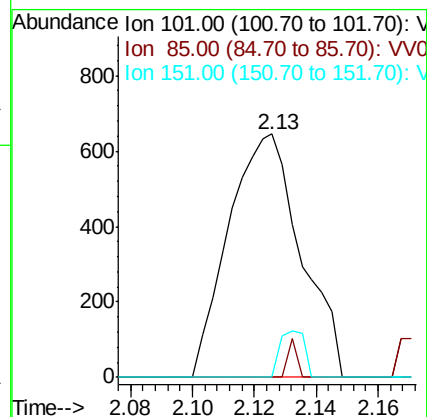
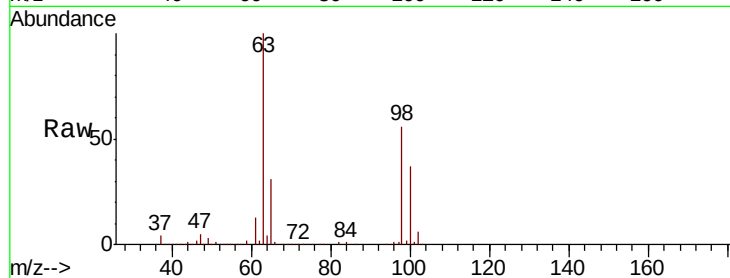
Tot Ion:101 Resp: 1048

Ion Ratio Lower Upper

101 100

85 3.8 35.5 53.3#

151 6.4 63.9 95.9#



#12

1,1-Dichloroethene

Concen: 0.776 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016981.D

Acq: 18 Jun 2020 15:56

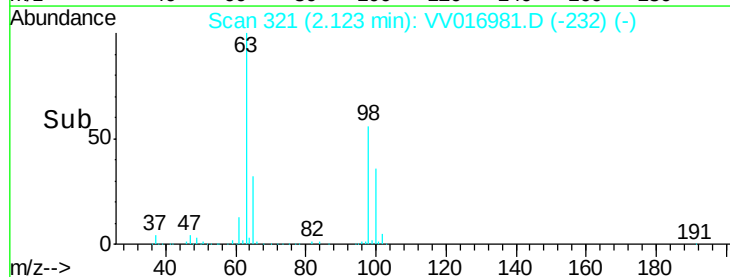
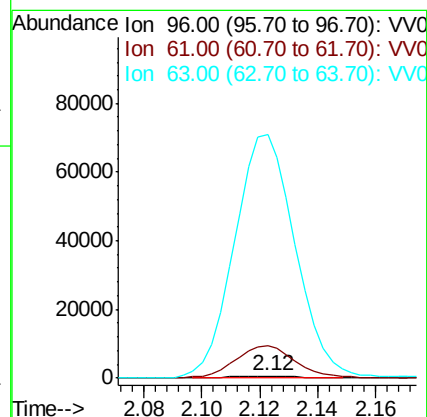
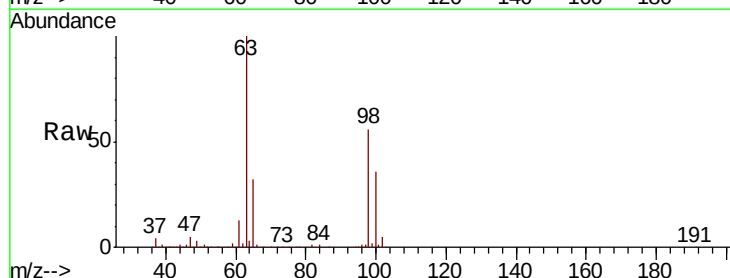
Tgt Ion: 96 Resp: 1027

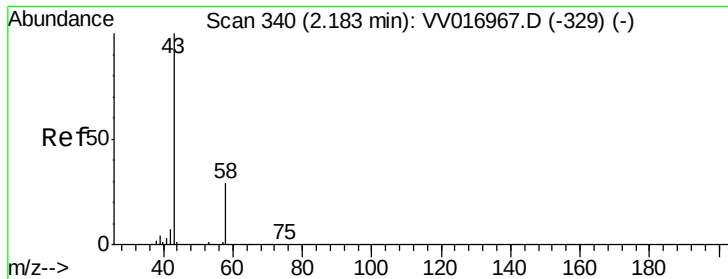
Ion Ratio Lower Upper

96 100

61 1371.6 130.4 242.2#

63 10427.1 103.3 191.9#





#13

Acetone

Concen: 3.850 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV016981.D

Acq: 18 Jun 2020 15:56

Instrument :

MSVOA_V

ClientSampleId :

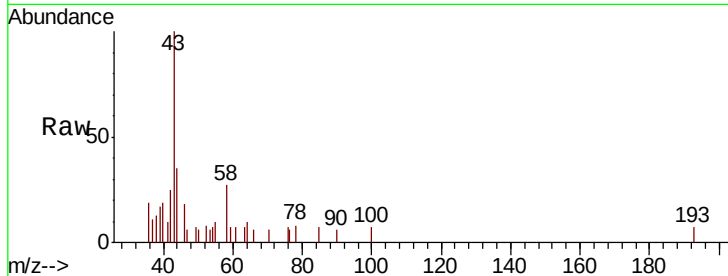
F9M18

Tot Ion: 43 Resp: 3531

Ion Ratio Lower Upper

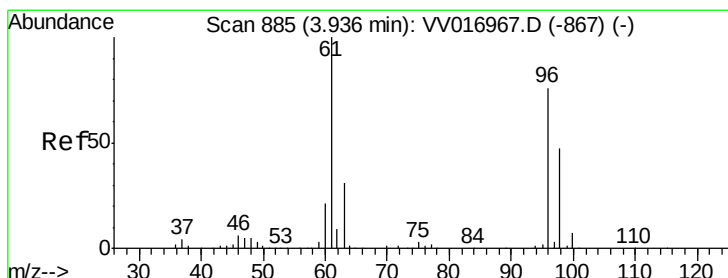
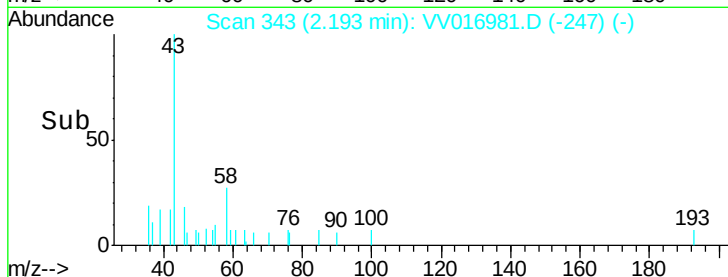
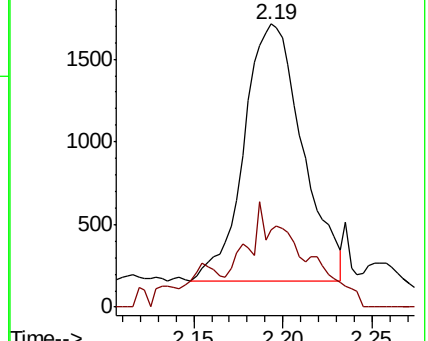
43 100

58 5.8 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV016981.D (-247) (-)

Ion 58.00 (57.70 to 58.70): VV016981.D (-247) (-)



#20

cis-1,2-Dichloroethene

Concen: 4.083 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV016981.D

Acq: 18 Jun 2020 15:56

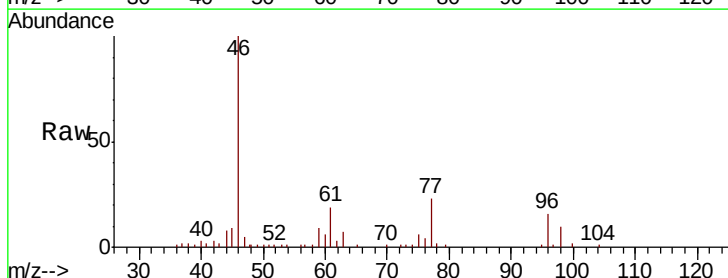
Tgt Ion: 96 Resp: 8029

Ion Ratio Lower Upper

96 100

61 115.9 93.4 173.4

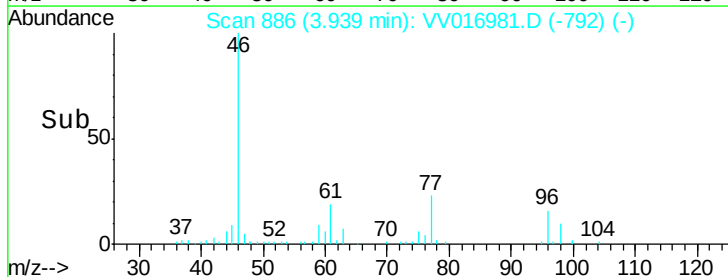
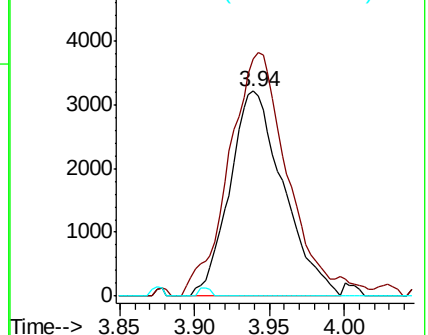
68 0.0 0.0 0.0

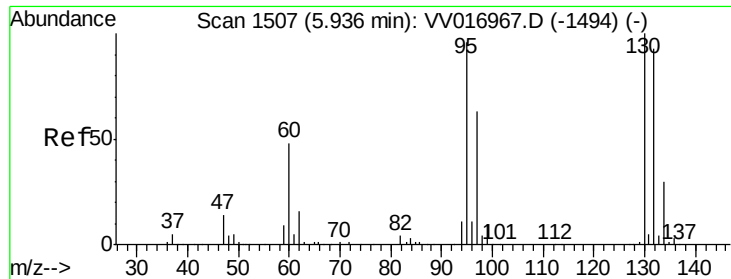


Abundance Ion 96.00 (95.70 to 96.70): VV016981.D (-792) (-)

Ion 61.00 (60.70 to 61.70): VV016981.D (-792) (-)

Ion 68.00 (67.70 to 68.70): VV016981.D (-792) (-)





#34

Trichloroethene

Concen: 1.918 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV016981.D

Acq: 18 Jun 2020 15:56

Instrument :

MSVOA_V

ClientSampleId :

F9M18

Tot Ion: 95 Resp: 3813

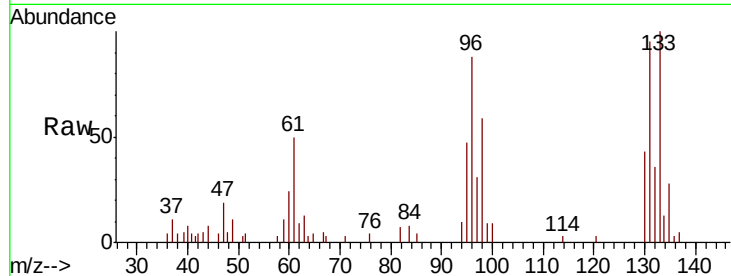
Ion Ratio Lower Upper

95 100

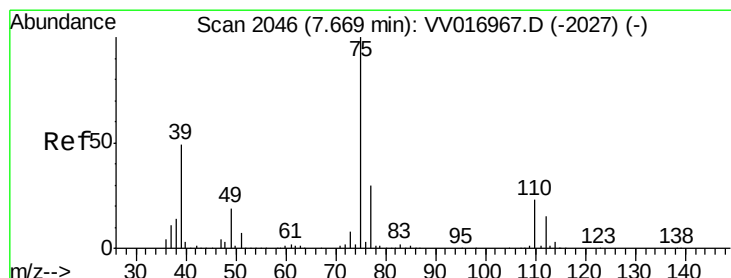
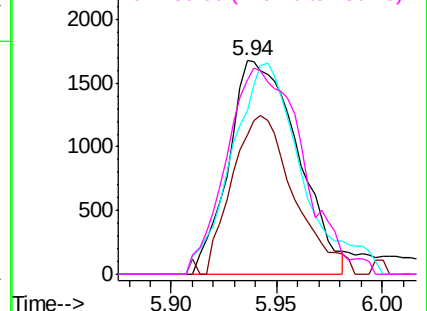
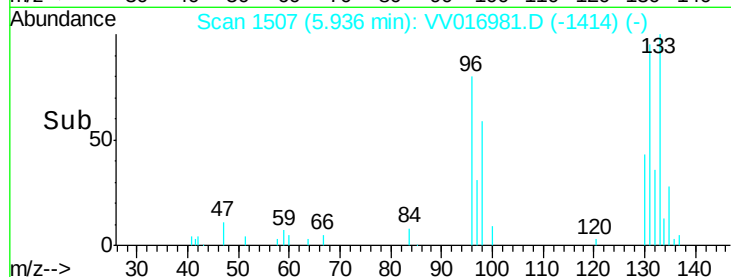
97 65.6 44.3 82.3

132 76.8 67.9 126.1

130 91.3 72.2 134.2



Abundance Ion 95.00 (94.70 to 95.70): VV016981.D (-1414) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.948 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV016981.D

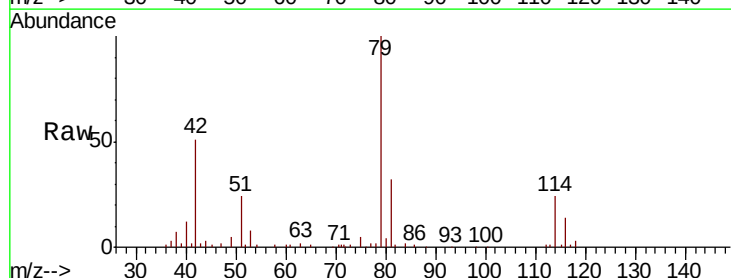
Acq: 18 Jun 2020 15:56

Tgt Ion: 75 Resp: 2758

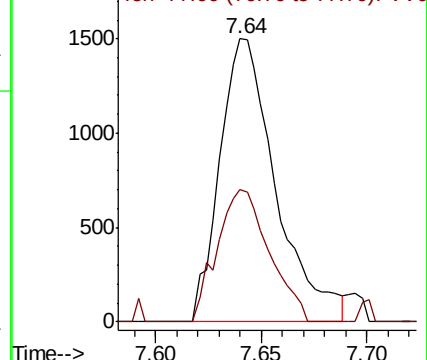
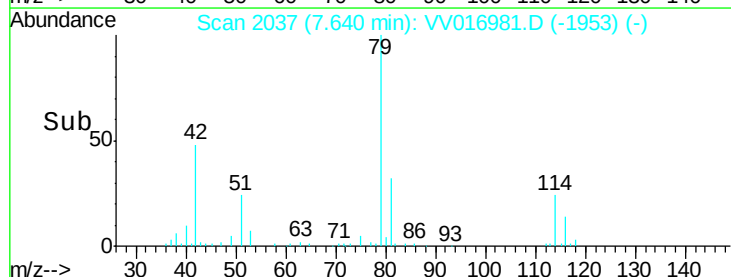
Ion Ratio Lower Upper

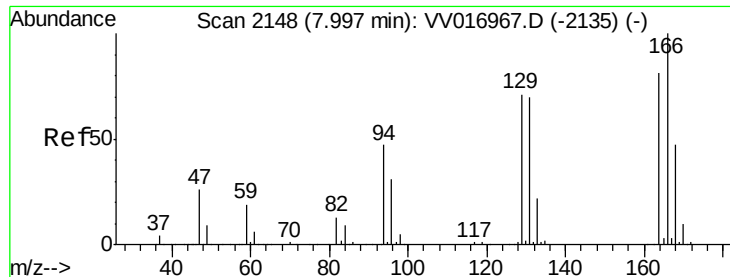
75 100

77 46.6 21.7 40.3#



Abundance Ion 75.00 (74.70 to 75.70): VV016981.D (-1953) (-)

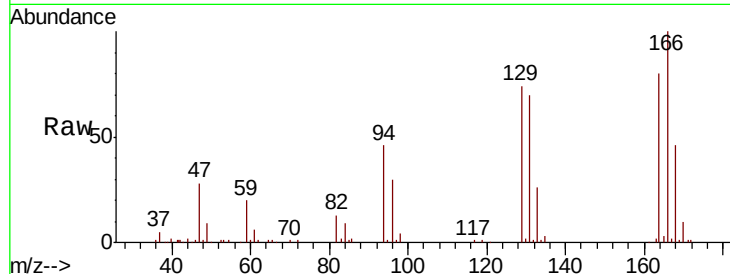




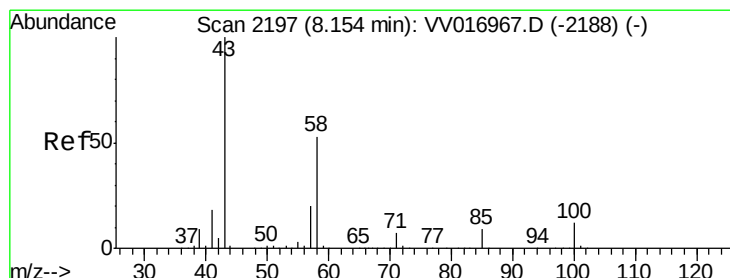
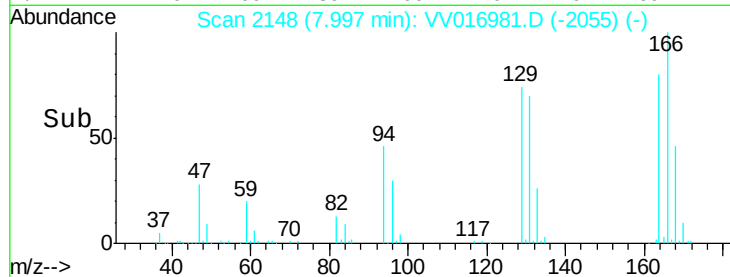
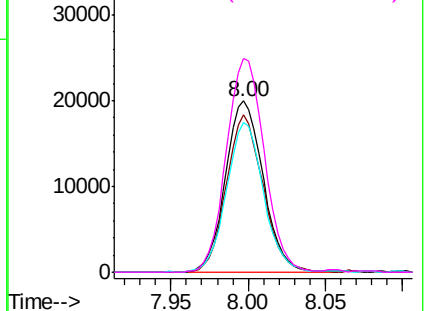
#46
Tetrachloroethene
Concen: 21.699 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV016981.D
Acq: 18 Jun 2020 15:56

Instrument :
MSVOA_V
ClientSampleId :
F9M18

Tot Ion:164 Resp: 33921
Ion Ratio Lower Upper
164 100
129 92.3 67.0 124.4
131 87.8 64.8 120.3
166 124.9 90.4 167.8

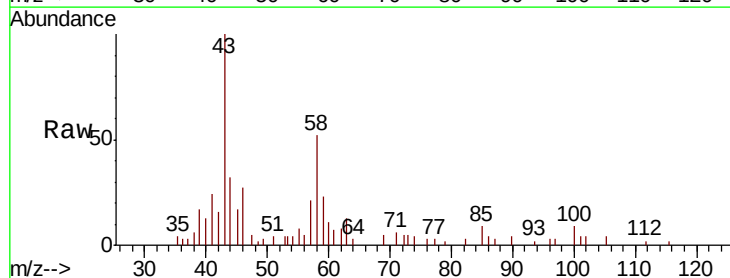


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#48
2-Hexanone
Concen: 3.849 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV016981.D
Acq: 18 Jun 2020 15:56

Tgt Ion: 43 Resp: 8151
Ion Ratio Lower Upper
43 100
58 62.9 43.1 64.7
57 15.4 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

