

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100820\
 Data File : VV018765.D
 Acq On : 08 Oct 2020 15:12
 Operator : SY/MD
 Sample : L4284-02 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3P4DL

Quant Time: Oct 09 07:18:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 09 07:09:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	358164	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	320195	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	151273	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83616	39.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.62%
7) Chloroethane-d5	1.58	69	81407	46.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.74%
11) 1,1-Dichloroethene-d2	2.12	63	143517	33.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.06%
21) 2-Butanone-d5	3.90	46	150763	96.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.22%
24) Chloroform-d	4.38	84	201962	44.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.92%
26) 1,2-Dichloroethane-d4	5.05	65	141509	49.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.14%
32) Benzene-d6	5.07	84	396571	48.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.09	67	133502	54.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.96%
41) Toluene-d8	7.34	98	313043	41.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.06%
43) trans-1,3-Dichloropropene-	7.64	79	54144	40.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.80%
47) 2-Hexanone-d5	8.11	63	69030	74.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.16%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	121087	37.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	74.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	132653	45.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.20%

Target Compounds

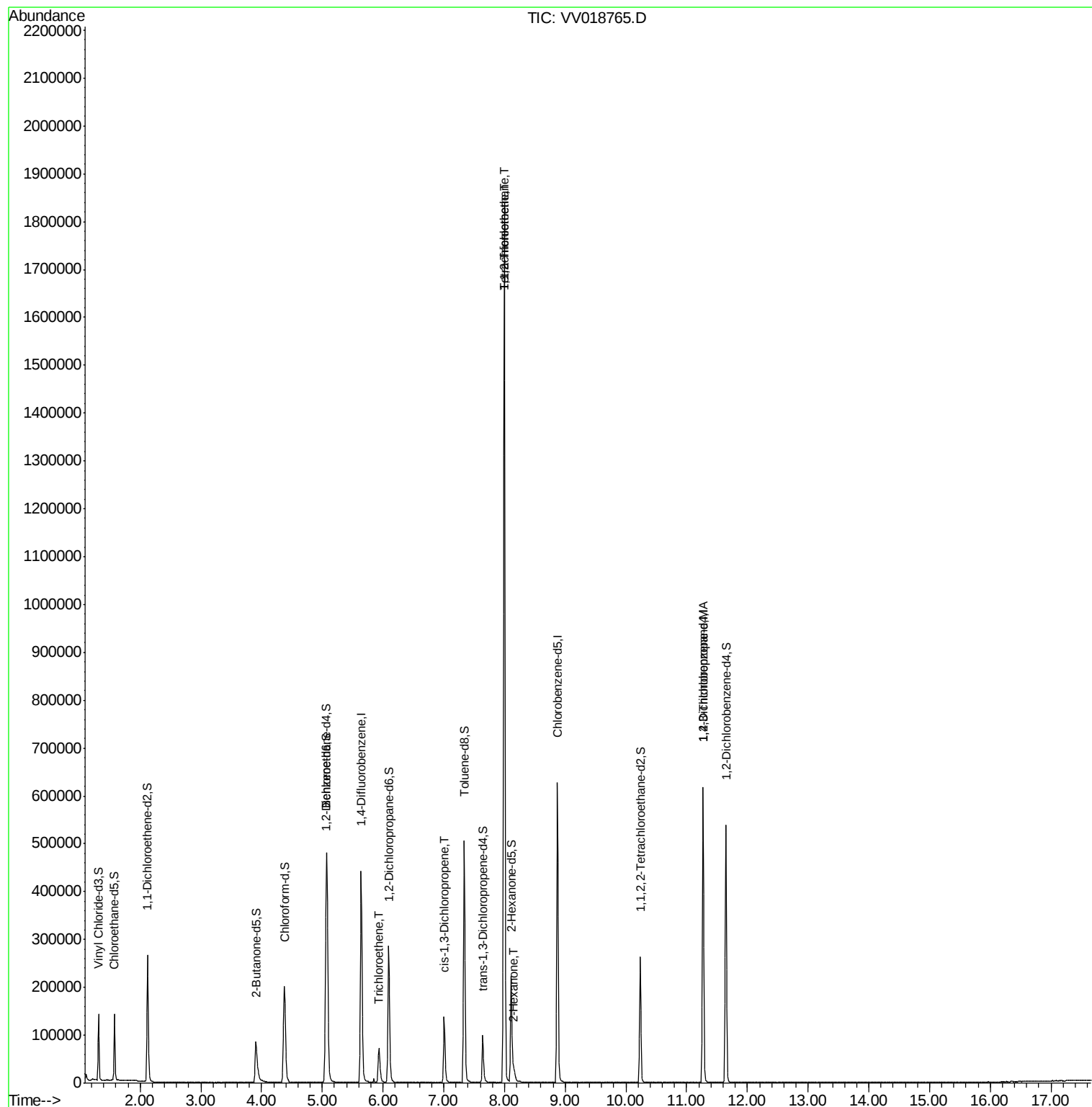
					Ovalue
34) Trichloroethene	5.94	95	13342	4.885 ug/L	97
39) cis-1,3-Dichloropropene	7.01	75	3698	0.977 ug/L #	60
45) 1,1,2-Trichloroethane	7.99	97	3773	1.579 ug/L #	4
46) Tetrachloroethene	8.00	164	393801	177.741 ug/L	98
48) 2-Hexanone	8.16	43	13292	5.470 ug/L #	77
59) 1,2,3-Trichloropropane	11.27	75	18639	6.349 ug/L	89

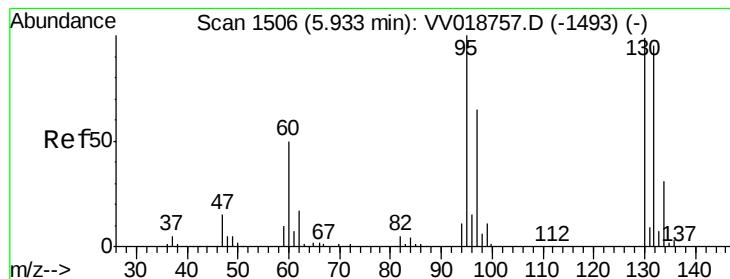
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 09 07:09:39 2020
Response via : Initial Calibration





#34

Trichloroethene

Concen: 4.885 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV018765.D

Acq: 08 Oct 2020 15:12

Instrument :

MSVOA_V

ClientSampleId :

BG3P4DL

Tot Ion: 95 Resp: 13342

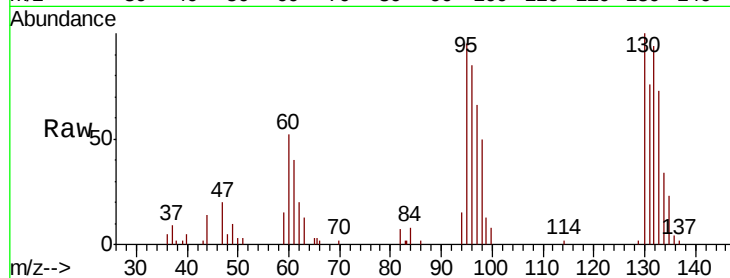
Ion Ratio Lower Upper

95 100

97 69.0 45.9 85.3

132 98.5 70.8 131.4

130 104.8 75.3 139.8

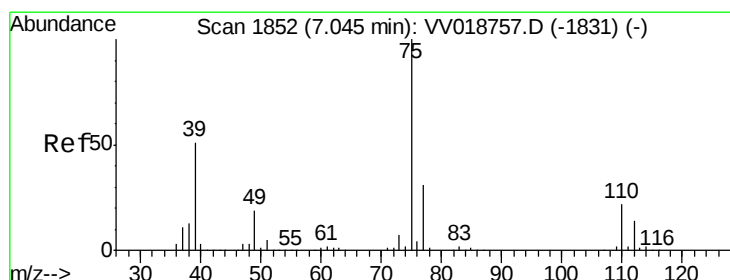
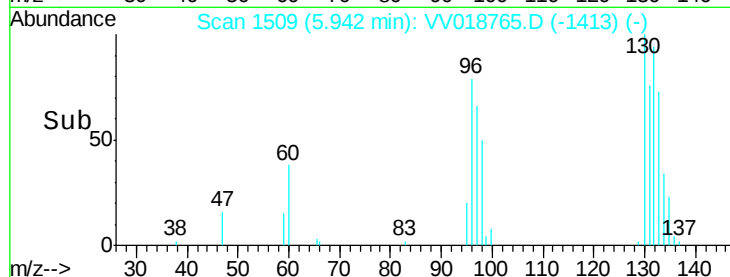
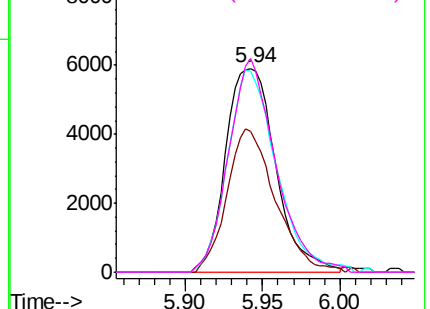


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#39

cis-1,3-Dichloropropene

Concen: 0.977 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018765.D

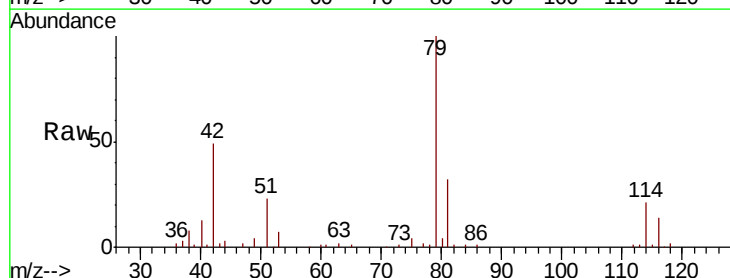
Acq: 08 Oct 2020 15:12

Tgt Ion: 75 Resp: 3698

Ion Ratio Lower Upper

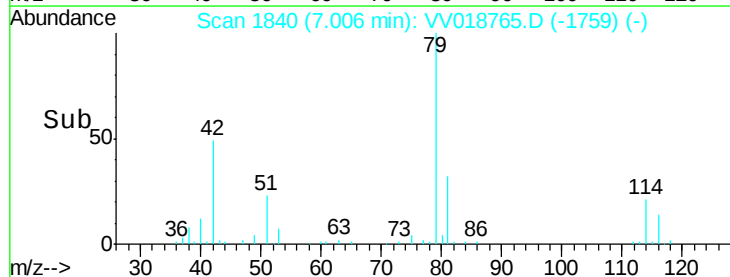
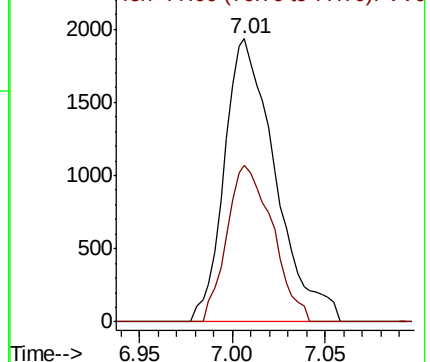
75 100

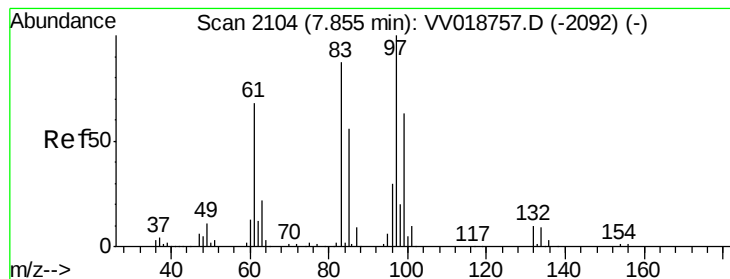
77 55.5 23.0 42.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#45

1,1,2-Trichloroethane

Concen: 1.579 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. 0.14 min

Lab File: VV018765.D

Acq: 08 Oct 2020 15:12

Instrument :

MSVOA_V

ClientSampleId :

BG3P4DL

Tot Ion: 97 Resp: 3773

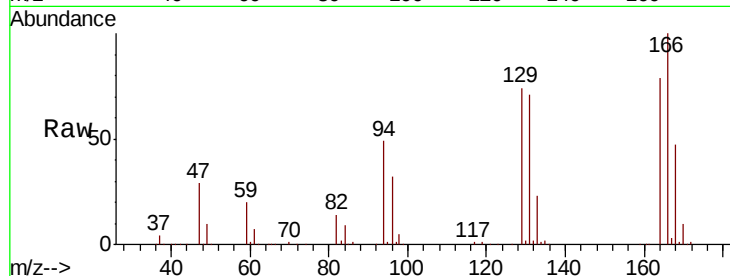
Ion Ratio Lower Upper

97 100

99 16.2 43.3 80.3#

83 234.1 60.5 112.5#

85 29.7 38.3 71.1#



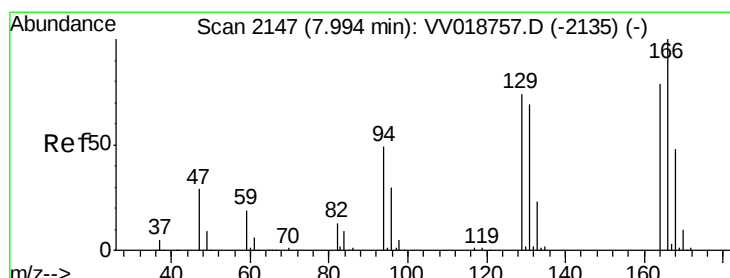
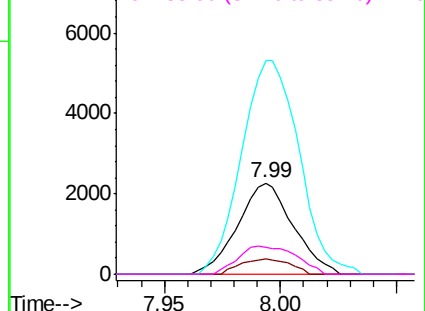
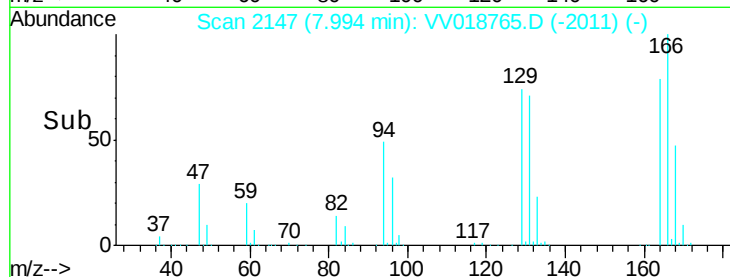
Abundance

Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



#46

Tetrachloroethene

Concen: 177.741 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018765.D

Acq: 08 Oct 2020 15:12

Tgt Ion:164 Resp: 393801

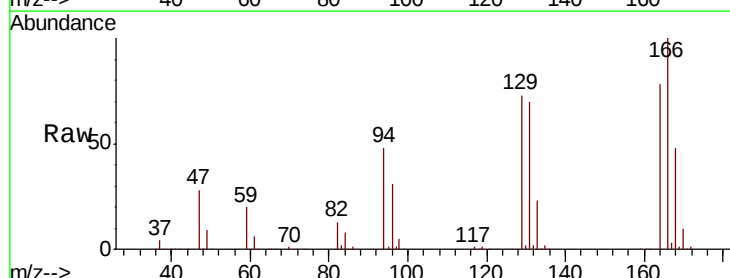
Ion Ratio Lower Upper

164 100

129 93.0 62.8 116.6

131 89.6 60.8 112.8

166 128.1 88.9 165.1



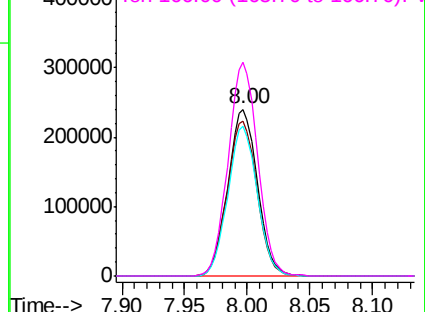
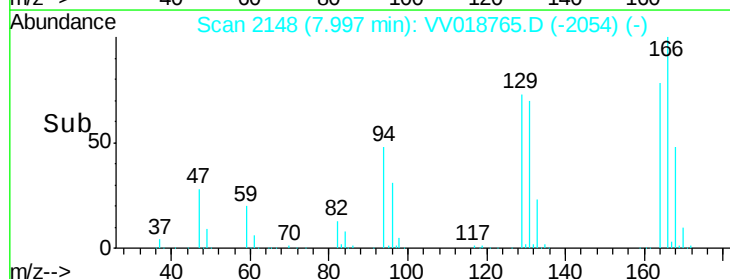
Abundance

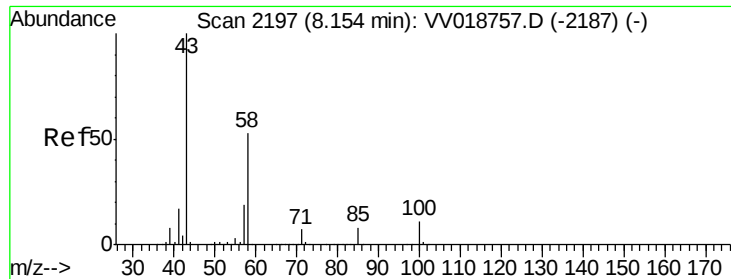
Ion 164.00 (163.70 to 164.70): V

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

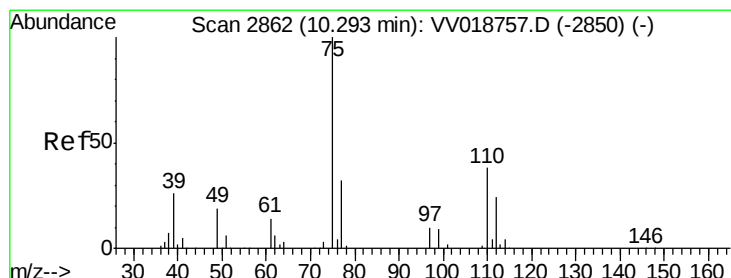
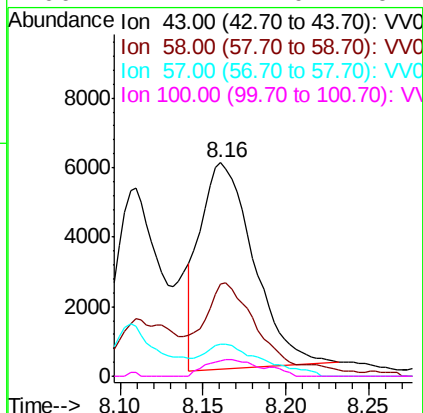
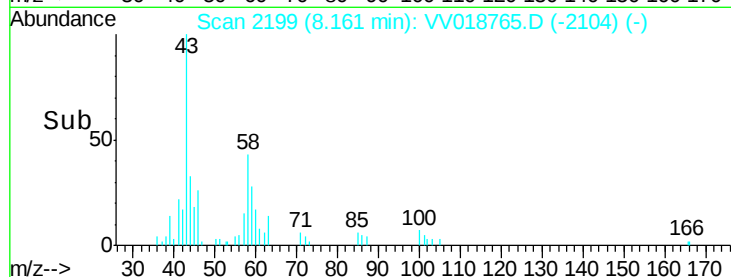
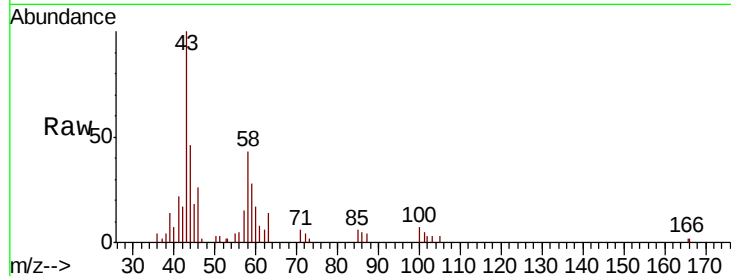




#48
2-Hexanone
Concen: 5.470 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.01 min
Lab File: VV018765.D
Acq: 08 Oct 2020 15:12

Instrument :
MSVOA_V
ClientSampleId :
BG3P4DL

Tot Ion: 43 Resp: 13292
Ion Ratio Lower Upper
43 100
58 33.6 45.1 67.7#
57 17.2 15.7 23.5
100 7.2 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 6.349 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018765.D
Acq: 08 Oct 2020 15:12

Tgt Ion: 75 Resp: 18639
Ion Ratio Lower Upper
75 100
77 37.8 25.4 38.0

