

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV083118\
 Data File : VV007317.D
 Acq On : 31 Aug 2018 22:23
 Operator : SY/MD
 Sample : J4665-12DL 5X
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA6DL

Quant Time: Sep 01 01:01:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM083118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 01 01:00:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	602804	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	571018	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	204141	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	194886	53.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.00%
7) Chloroethane-d5	1.58	69	128884	56.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.38%
11) 1,1-Dichloroethene-d2	2.13	63	255031	37.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.42%
21) 2-Butanone-d5	3.96	46	278205	94.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.44%
24) Chloroform-d	4.41	84	381963	48.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.09	65	240793	51.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.00%
32) Benzene-d6	5.11	84	775811	50.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.12%
36) 1,2-Dichloropropane-d6	6.12	67	259782	51.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.12%
41) Toluene-d8	7.37	98	619322	45.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.26%
43) trans-1,3-Dichloropropene-	7.67	79	102861	45.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.66%
47) 2-Hexanone-d5	8.14	63	175478	92.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.57%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	330106	47.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.26%
64) 1,2-Dichlorobenzene-d4	11.68	152	221939	54.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.22%

Target Compounds

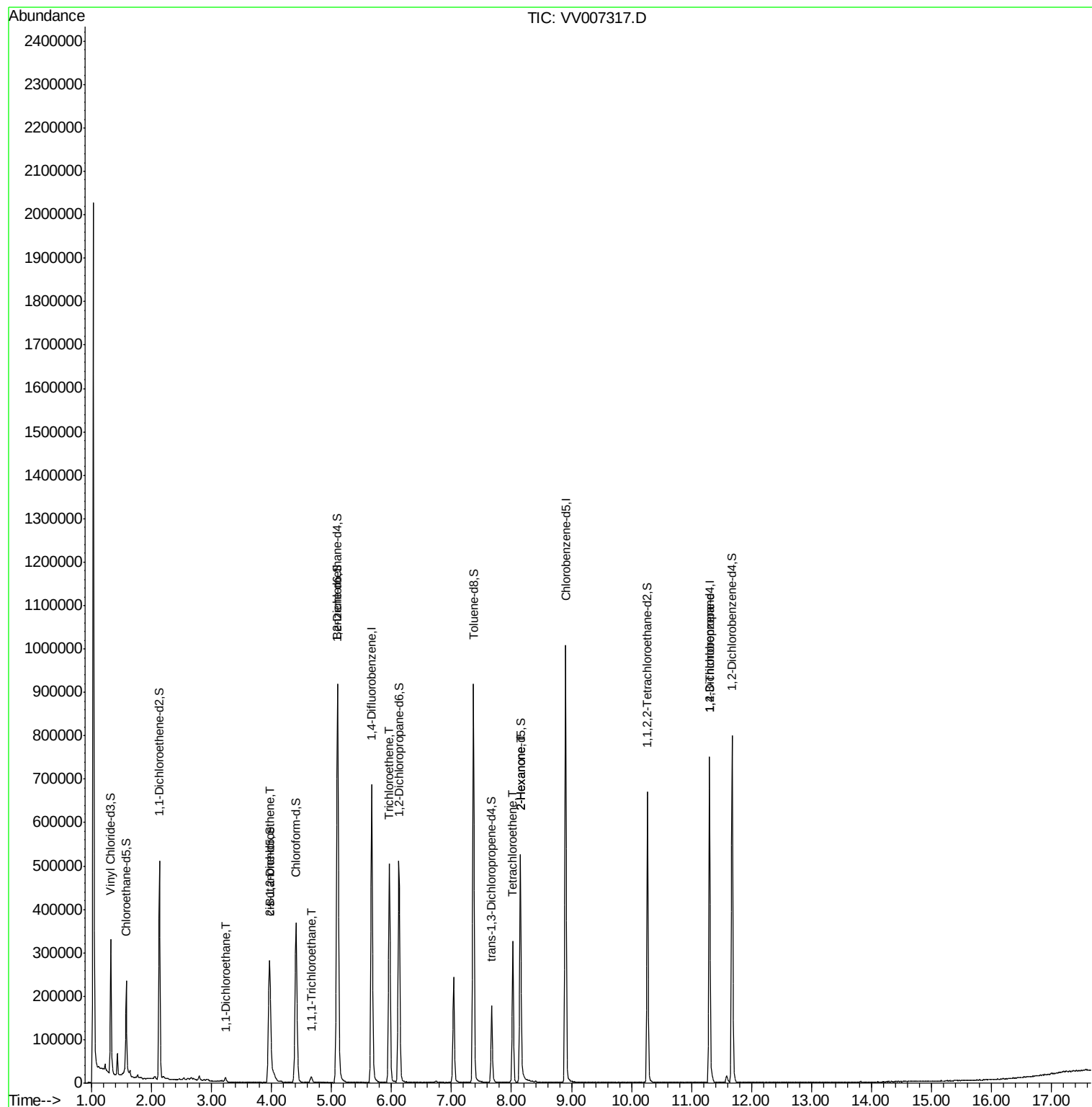
					Qvalue
19) 1,1-Dichloroethane	3.23	63	11137	1.398 ug/L	98
20) cis-1,2-Dichloroethene	3.97	96	77967	17.189 ug/L	99
30) 1,1,1-Trichloroethane	4.67	97	11147	1.715 ug/L	96
34) Trichloroethene	5.96	95	177615	42.385 ug/L	96
46) Tetrachloroethene	8.02	164	76896	21.889 ug/L	98
48) 2-Hexanone	8.15	43	21760	5.049 ug/L #	75
59) 1,2,3-Trichloropropane	11.30	75	22709	4.098 ug/L	90

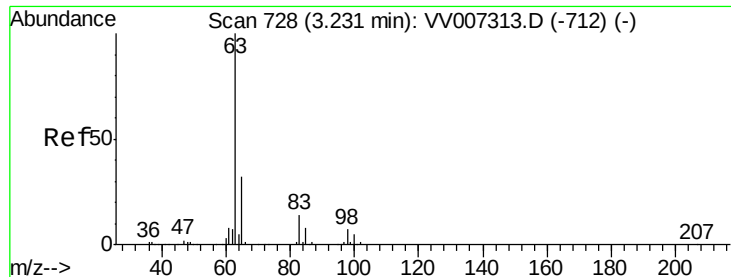
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 01 01:00:35 2018
Response via : Initial Calibration

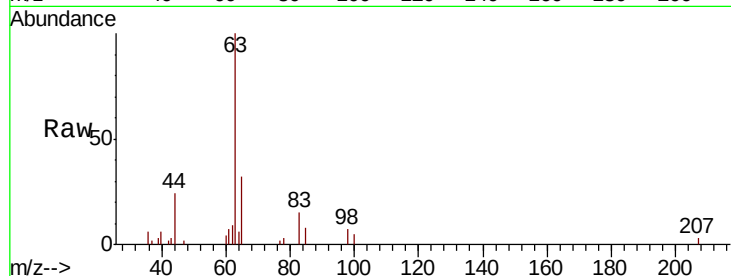




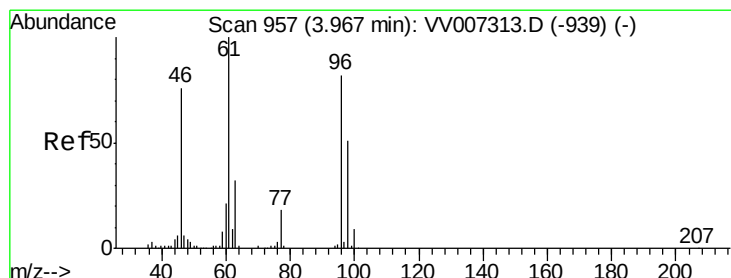
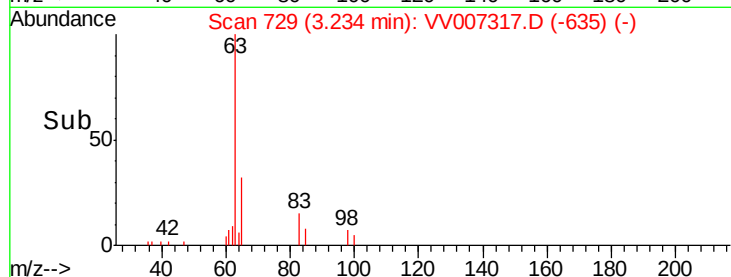
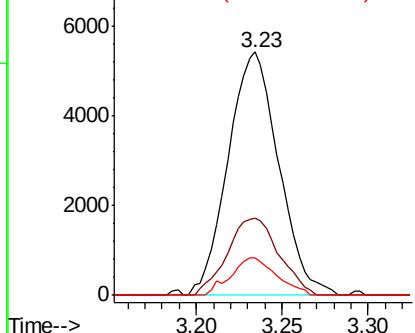
#19
 1,1-Dichloroethane
 Concen: 1.398 ug/L
 RT: 3.23 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: VV007317.D
 Acq: 31 Aug 2018 22:23

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA6DL

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.0	41.0
83	15.2	8.8	16.4

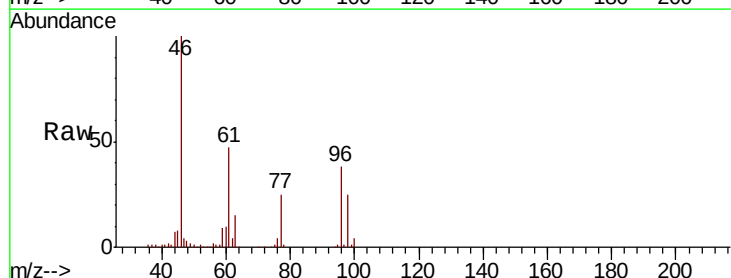


Abundance Ion 63.00 (62.70 to 63.70): VV0
 Ion 65.00 (64.70 to 65.70): VV0
 Ion 83.00 (82.70 to 83.70): VV0

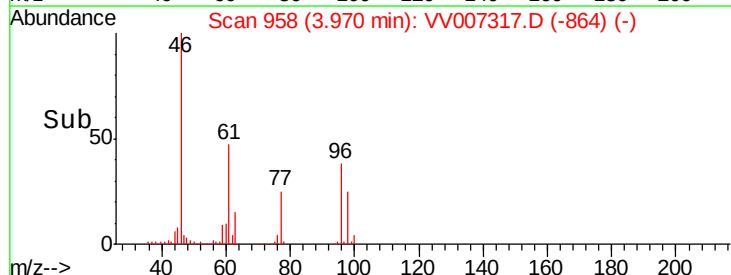
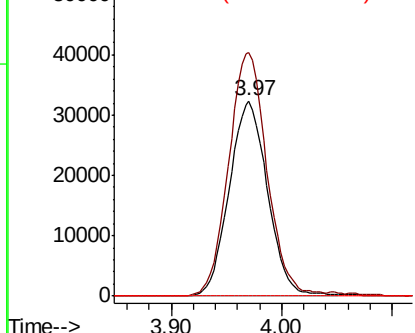


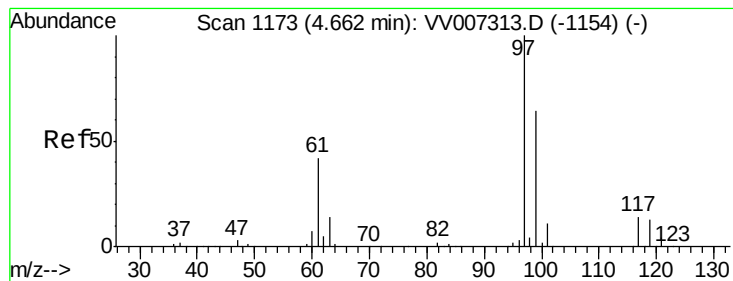
#20
 cis-1,2-Dichloroethene
 Concen: 17.189 ug/L
 RT: 3.97 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: VV007317.D
 Acq: 31 Aug 2018 22:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	124.8	88.4	164.2
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





#30

1,1,1-Trichloroethane

Concen: 1.715 ug/L

RT: 4.67 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VV007317.D

Acq: 31 Aug 2018 22:23

Instrument :

MSVOA_V

ClientSampleId :

E0AA6DL

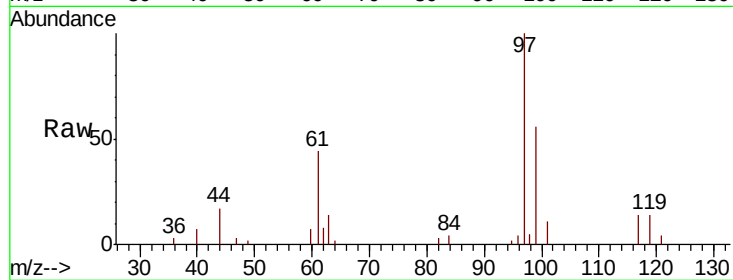
Tgt Ion: 97 Resp: 11147

Ion Ratio Lower Upper

97 100

99 60.8 51.4 77.0

61 45.4 34.6 51.8

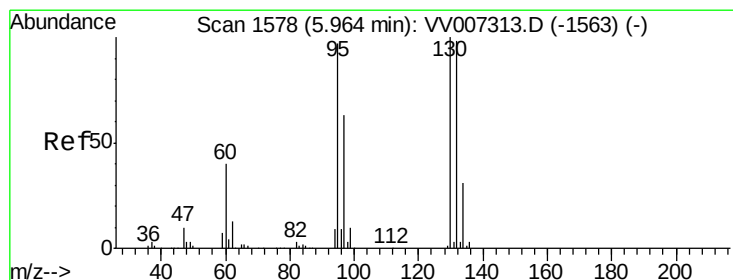
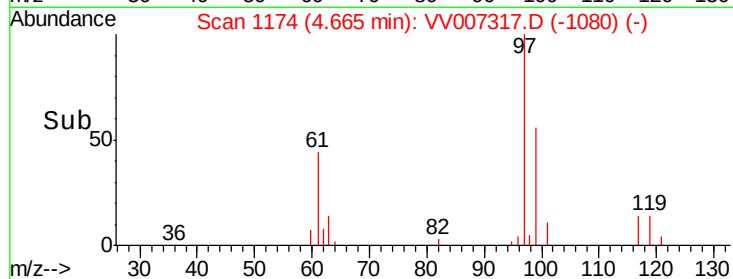
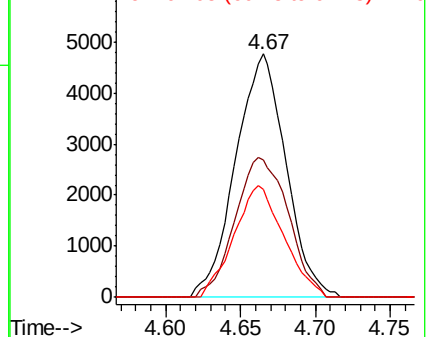


Abundance

Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 61.05 (60.75 to 61.75): VV0



#34

Trichloroethene

Concen: 42.385 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV007317.D

Acq: 31 Aug 2018 22:23

Tgt Ion: 95 Resp: 177615

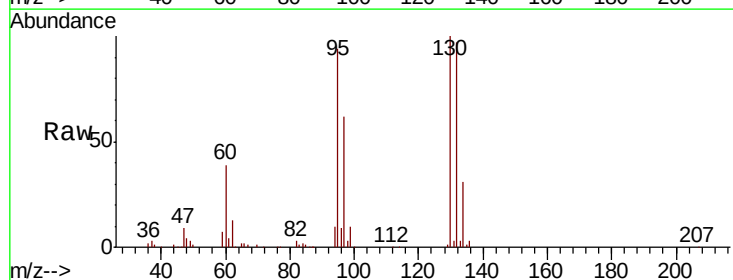
Ion Ratio Lower Upper

95 100

97 65.7 45.1 83.9

132 103.0 68.3 126.9

130 106.5 72.4 134.5



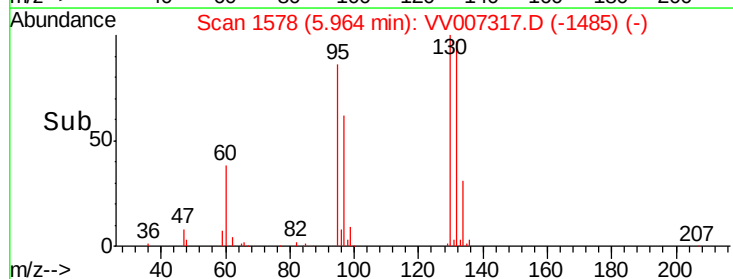
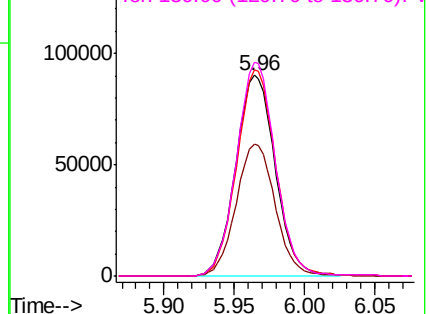
Abundance

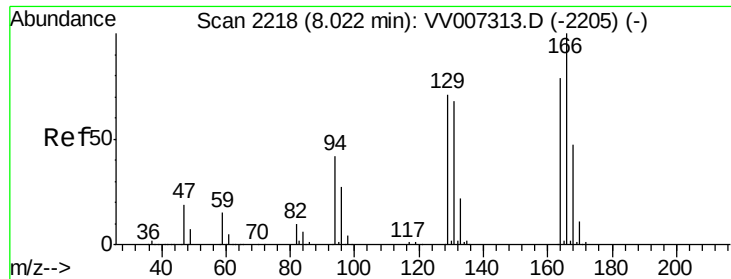
Ion 95.00 (94.70 to 95.70): VV0

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





#46

Tetrachloroethene

Concen: 21.889 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV007317.D

Acq: 31 Aug 2018 22:23

Instrument :

MSVOA_V

ClientSampleId :

E0AA6DL

Tgt Ion:164 Resp: 76896

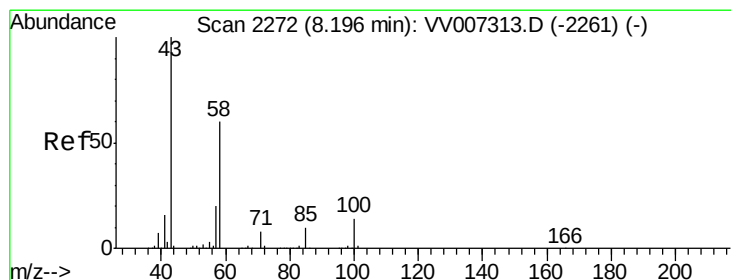
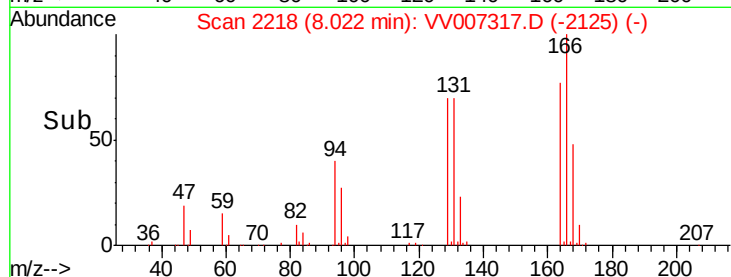
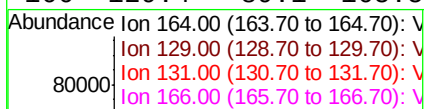
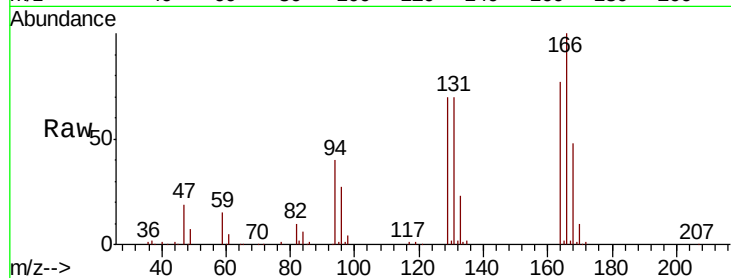
Ion Ratio Lower Upper

164 100

129 90.9 64.5 119.7

131 90.1 61.2 113.8

166 129.4 89.1 165.5



#48

2-Hexanone

Concen: 5.049 ug/L

RT: 8.15 min Scan# 2257

Delta R.T. -0.05 min

Lab File: VV007317.D

Acq: 31 Aug 2018 22:23

Tgt Ion: 43 Resp: 21760

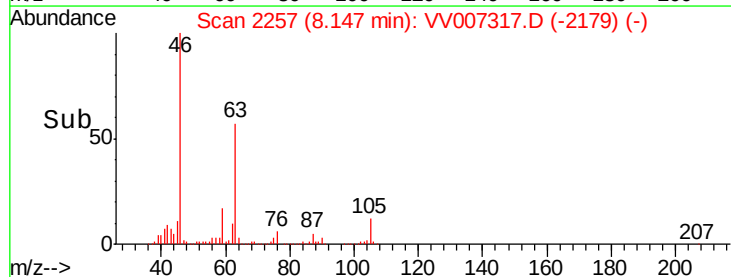
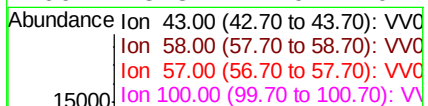
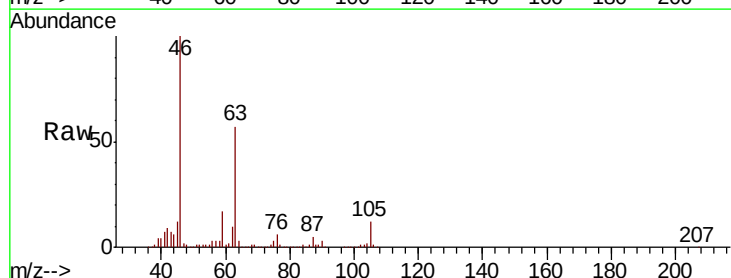
Ion Ratio Lower Upper

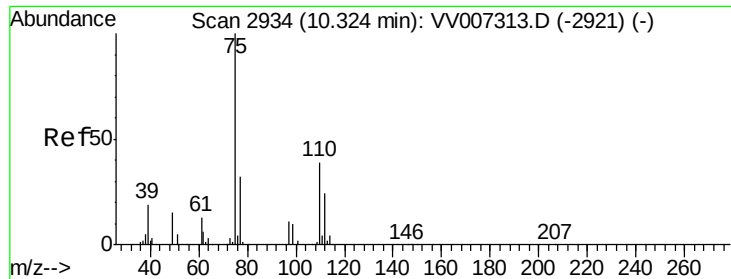
43 100

58 45.5 48.2 72.4#

57 38.8 15.9 23.9#

100 3.8 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 4.098 ug/L

RT: 11.30 min Scan# 3238

Delta R.T. 0.98 min

Lab File: VV007317.D

Acq: 31 Aug 2018 22:23

Instrument :

MSVOA_V

ClientSampleId :

E0AA6DL

Tgt Ion: 75 Resp: 22709

Ion Ratio Lower Upper

75 100

77 38.1 25.9 38.9

