

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070920\
 Data File : VV017425.D
 Acq On : 10 Jul 2020 02:06
 Operator : SY/MD
 Sample : L3253-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A38

Quant Time: Jul 10 05:16:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 10 05:13:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	274611	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	258470	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	123479	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55933	39.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.24%
7) Chloroethane-d5	1.58	69	43114	42.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.86%
11) 1,1-Dichloroethene-d2	2.12	63	98492	30.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.86%
21) 2-Butanone-d5	3.91	46	89416	91.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.57%
24) Chloroform-d	4.38	84	140459	42.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.96%
26) 1,2-Dichloroethane-d4	5.06	65	105271	46.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.76%
32) Benzene-d6	5.08	84	251090	44.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.94%
36) 1,2-Dichloropropane-d6	6.09	67	73102	45.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.94%
41) Toluene-d8	7.34	98	235344	43.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.68%
43) trans-1,3-Dichloropropene-	7.64	79	39807	42.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.08%
47) 2-Hexanone-d5	8.11	63	59816	90.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.65%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	97693	43.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	101223	49.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.06%

Target Compounds

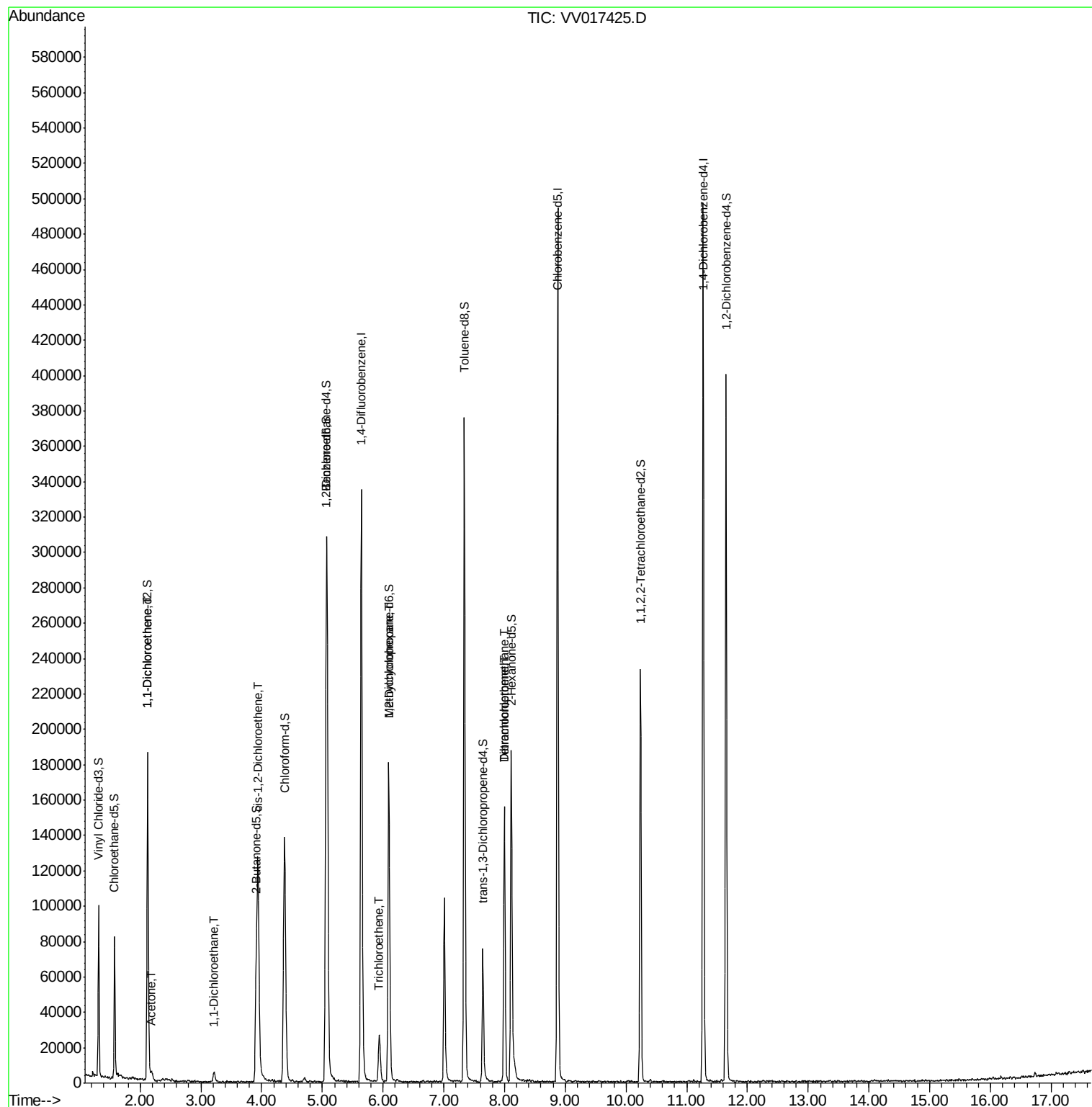
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	1458	0.884	ug/L #	1
13) Acetone	2.19	43	6633	4.990	ug/L	88
19) 1,1-Dichloroethane	3.22	63	5323	1.614	ug/L	95
20) cis-1,2-Dichloroethene	3.94	96	59153	30.779	ug/L	98
34) Trichloroethene	5.94	95	6056	2.985	ug/L	96
35) Methylcyclohexane	6.09	83	20946	7.052	ug/L #	19
46) Tetrachloroethene	8.00	164	33765	19.824	ug/L	96
49) Dibromochloromethane	8.00	129	31076	13.739	ug/L #	10

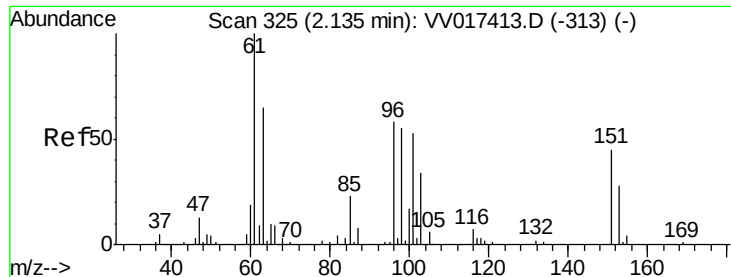
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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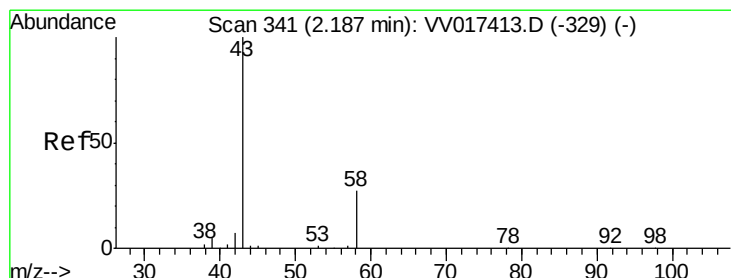
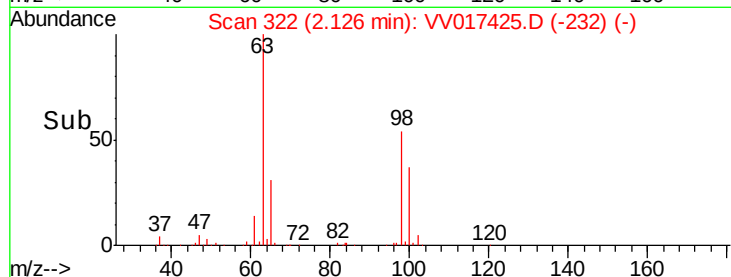
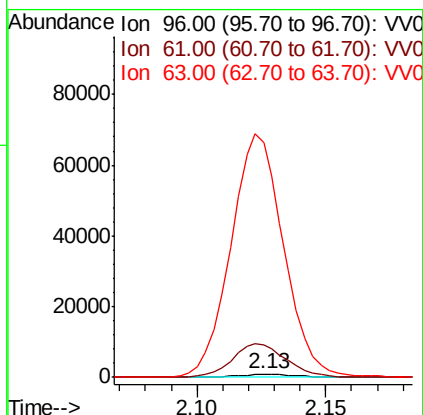
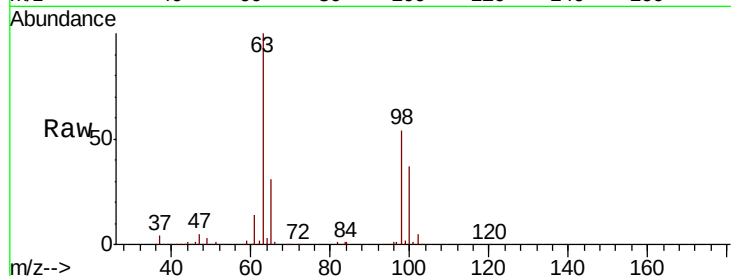




#12
 1,1-Dichloroethene
 Concen: 0.884 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV017425.D
 Acq: 10 Jul 2020 02:06

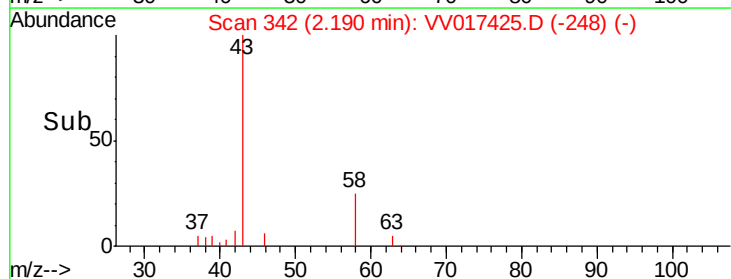
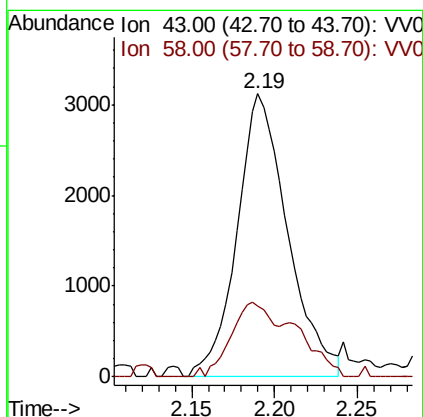
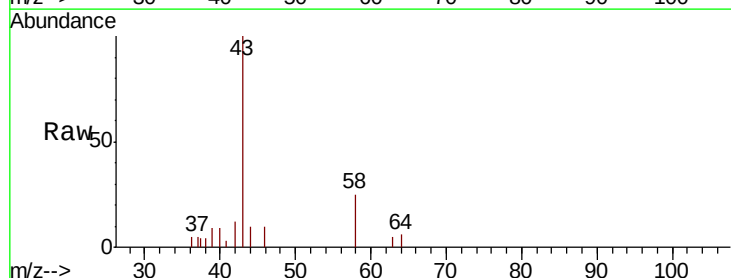
Instrument :
 MSVOA_V
 ClientSampled :
 F4A38

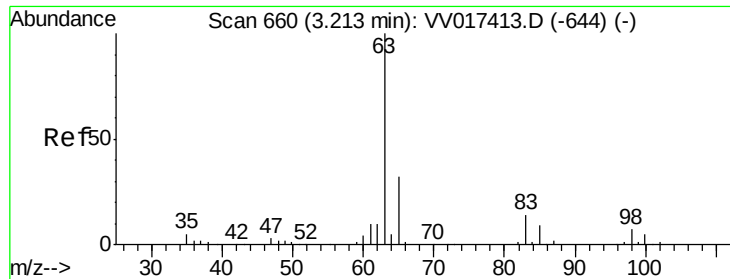
Tot Ion: 96 Resp: 1458
 Ion Ratio Lower Upper
 96 100
 61 1106.1 132.7 246.4#
 63 7961.6 103.3 191.8#



#13
 Acetone
 Concen: 4.990 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VV017425.D
 Acq: 10 Jul 2020 02:06

Tgt Ion: 43 Resp: 6633
 Ion Ratio Lower Upper
 43 100
 58 21.8 0.0 56.0





#19

1,1-Dichloroethane

Concen: 1.614 ug/L

RT: 3.22 min Scan# 661

Delta R.T. 0.00 min

Lab File: VV017425.D

Acq: 10 Jul 2020 02:06

Instrument :

MSVOA_V

ClientSampleId :

F4A38

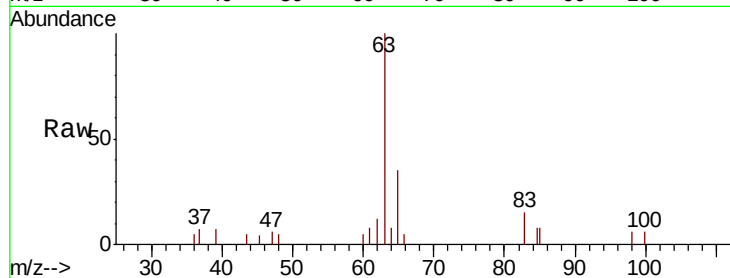
Tot Ion: 63 Resp: 5323

Ion Ratio Lower Upper

63 100

65 35.0 22.1 41.1

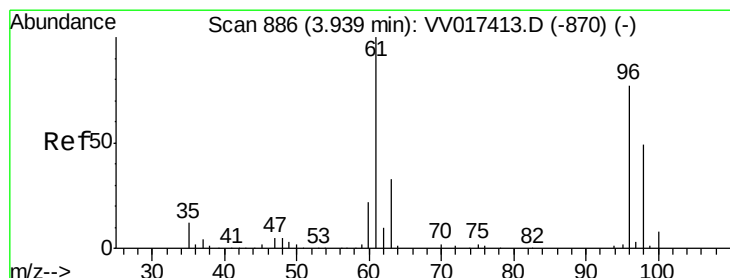
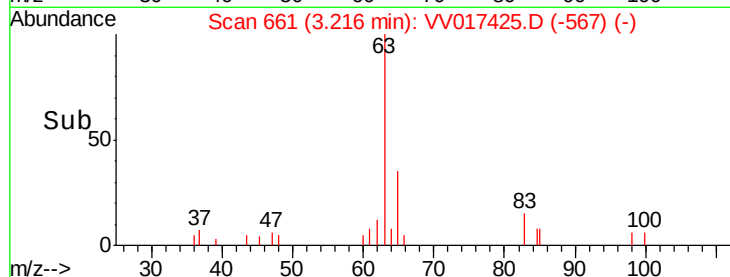
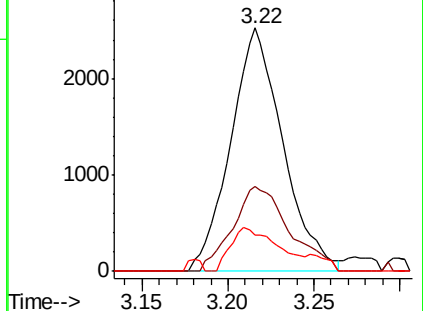
83 15.0 10.1 18.9



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: 30.779 ug/L

RT: 3.94 min Scan# 886

Delta R.T. -0.00 min

Lab File: VV017425.D

Acq: 10 Jul 2020 02:06

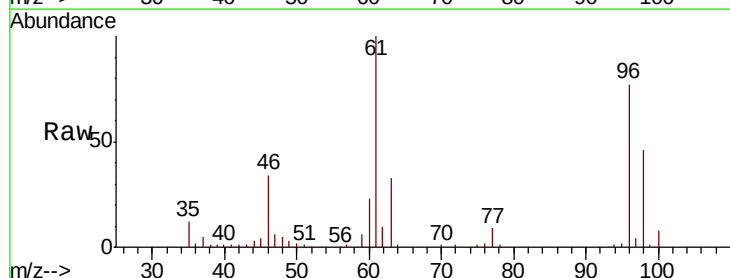
Tgt Ion: 96 Resp: 59153

Ion Ratio Lower Upper

96 100

61 129.3 88.9 165.1

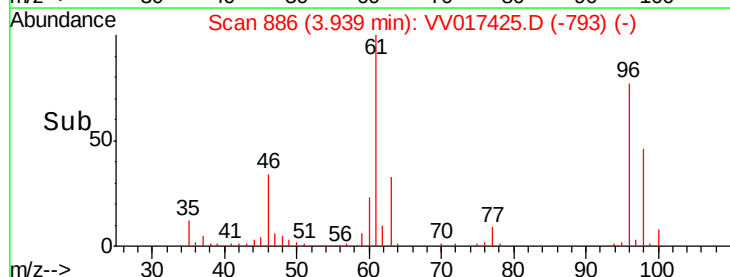
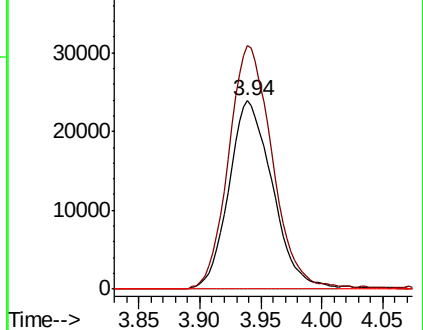
68 0.0 0.0 0.0

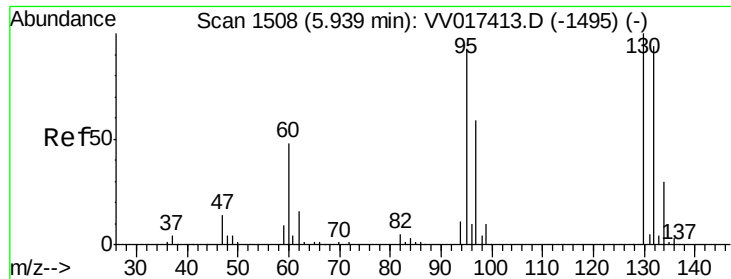


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#34

Trichloroethene

Concen: 2.985 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VV017425.D

Acq: 10 Jul 2020 02:06

Instrument :

MSVOA_V

ClientSampled :

F4A38

Tot Ion: 95 Resp: 6056

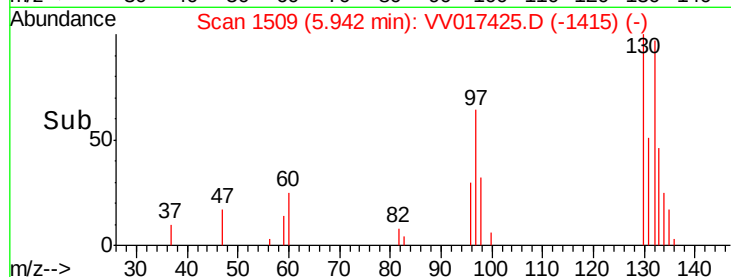
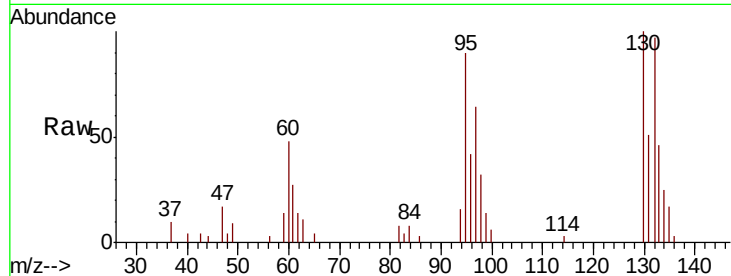
Ion Ratio Lower Upper

95 100

97 71.0 45.6 84.6

132 108.1 74.1 137.5

130 111.4 75.5 140.3

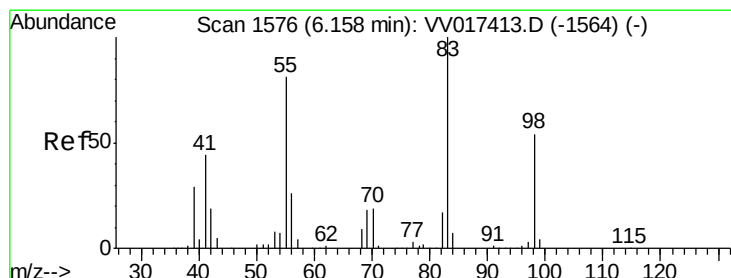
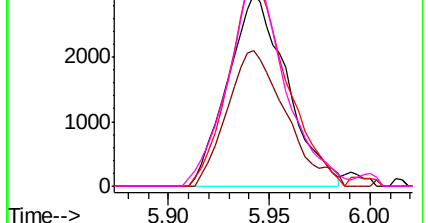


Abundance Ion 95.00 (94.70 to 95.70): VV017413.D (-1495) (-)

Ion 97.00 (96.70 to 97.70): VV017413.D (-1495) (-)

Ion 132.00 (131.70 to 132.70): VV017413.D (-1495) (-)

Ion 130.00 (129.70 to 130.70): VV017413.D (-1495) (-)



#35

Methylcyclohexane

Concen: 7.052 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV017425.D

Acq: 10 Jul 2020 02:06

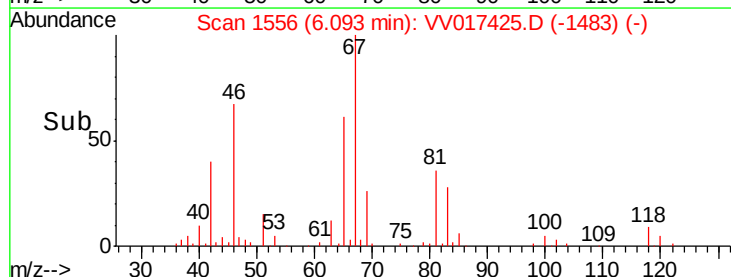
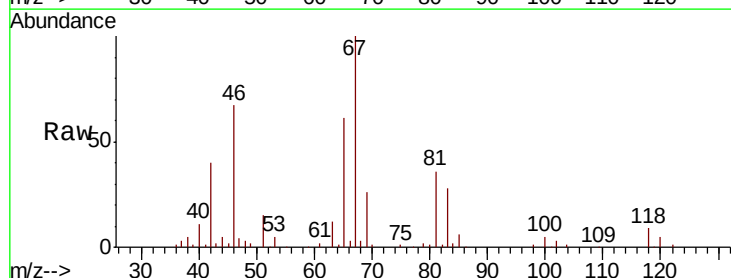
Tgt Ion: 83 Resp: 20946

Ion Ratio Lower Upper

83 100

55 0.6 61.0 91.6#

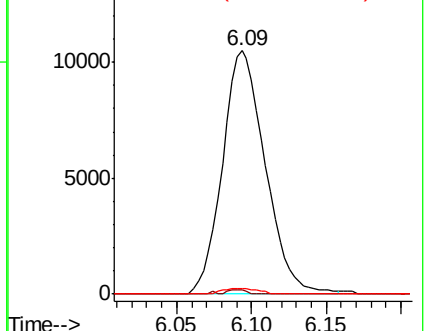
98 1.9 41.3 61.9#

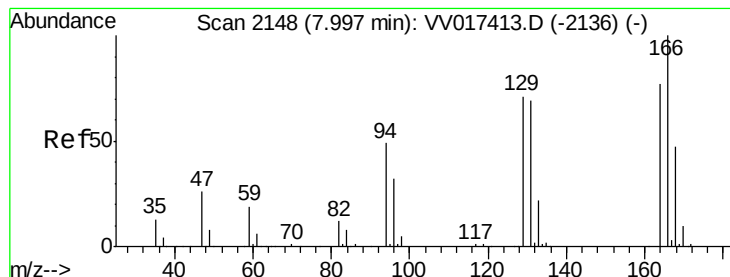


Abundance Ion 83.00 (82.70 to 83.70): VV017413.D (-1564) (-)

Ion 55.00 (54.70 to 55.70): VV017413.D (-1564) (-)

Ion 98.00 (97.70 to 98.70): VV017413.D (-1564) (-)





#46

Tetrachloroethene

Concen: 19.824 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV017425.D

Acq: 10 Jul 2020 02:06

Instrument :

MSVOA_V

ClientSampled :

F4A38

Tot Ion:164 Resp: 33765

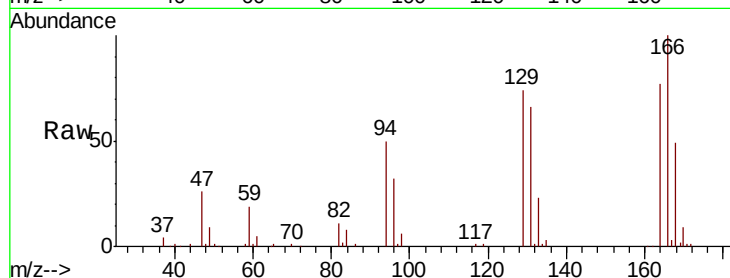
Ion Ratio Lower Upper

164 100

129 96.7 66.6 123.8

131 85.5 65.5 121.7

166 130.5 93.9 174.5

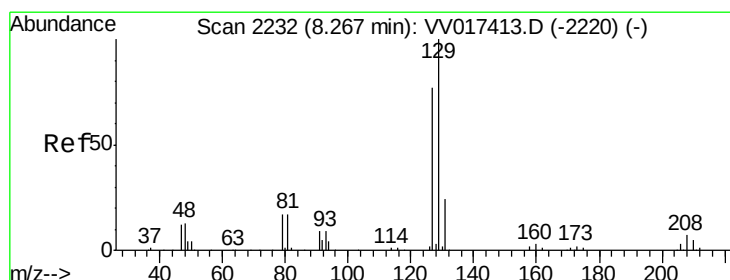
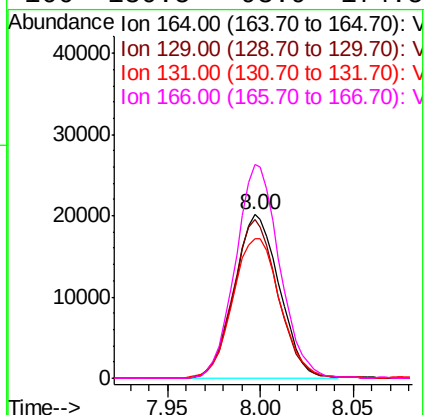
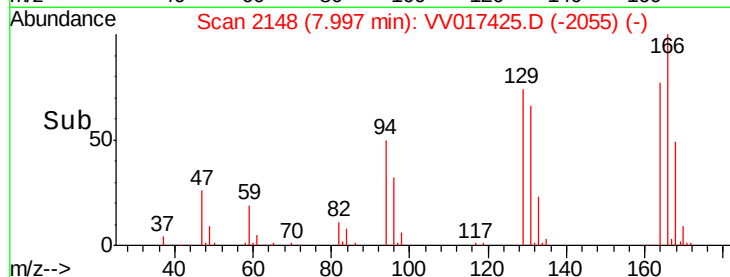


Abundance Ion 164.00 (163.70 to 164.70): V

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



#49

Dibromochloromethane

Concen: 13.739 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV017425.D

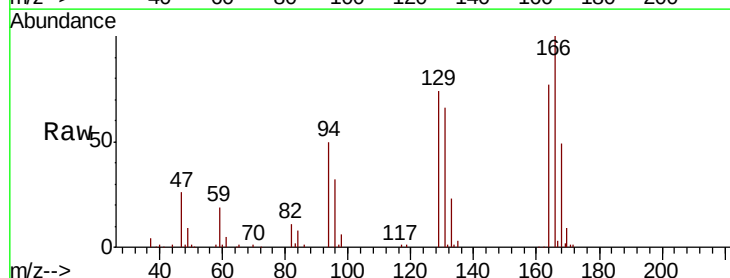
Acq: 10 Jul 2020 02:06

Tgt Ion:129 Resp: 31076

Ion Ratio Lower Upper

129 100

127 0.0 54.6 101.4#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

