

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070920\
 Data File : VV017423.D
 Acq On : 10 Jul 2020 01:19
 Operator : SY/MD
 Sample : L3253-16
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A33

Quant Time: Jul 10 05:15:56 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	276509	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	261387	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	126758	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57778	40.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.28%
7) Chloroethane-d5	1.58	69	47656	47.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.26%
11) 1,1-Dichloroethene-d2	2.12	63	98840	30.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.66%
21) 2-Butanone-d5	3.91	46	90141	91.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.68%
24) Chloroform-d	4.38	84	140664	42.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.50%
26) 1,2-Dichloroethane-d4	5.06	65	106202	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.94%
32) Benzene-d6	5.08	84	253540	44.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.09	67	72816	44.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.56%
41) Toluene-d8	7.34	98	234520	43.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	7.64	79	39557	41.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.60%
47) 2-Hexanone-d5	8.11	63	58673	87.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.93%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	99565	43.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.22%
64) 1,2-Dichlorobenzene-d4	11.65	152	100856	47.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.18%

Target Compounds

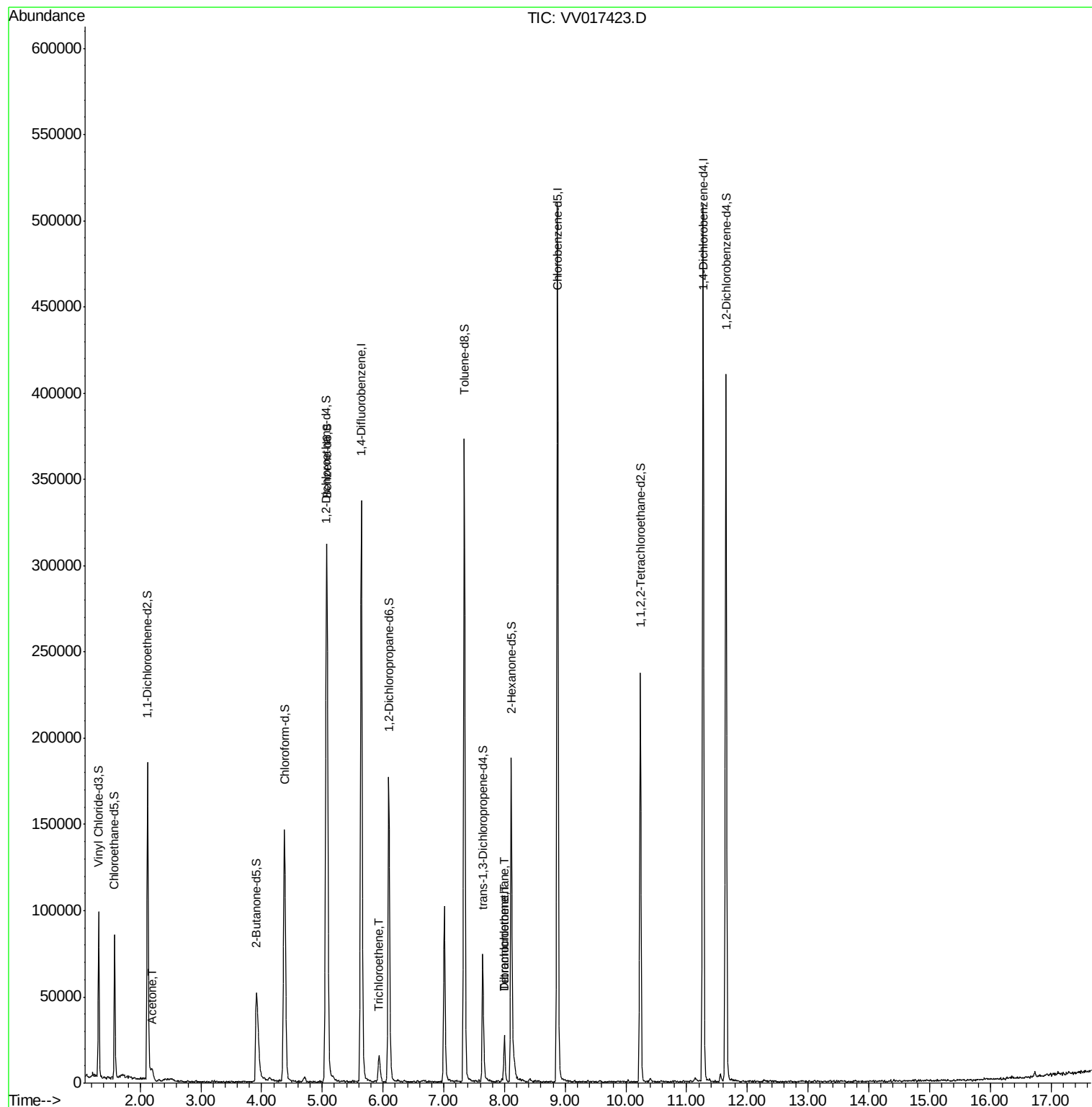
					Ovalue
13) Acetone	2.20	43	10501	7.846 ug/L	99
34) Trichloroethene	5.94	95	2044	0.996 ug/L #	81
46) Tetrachloroethene	8.00	164	5754	3.341 ug/L	94
49) Dibromochloromethane	8.00	129	5485	2.398 ug/L #	10

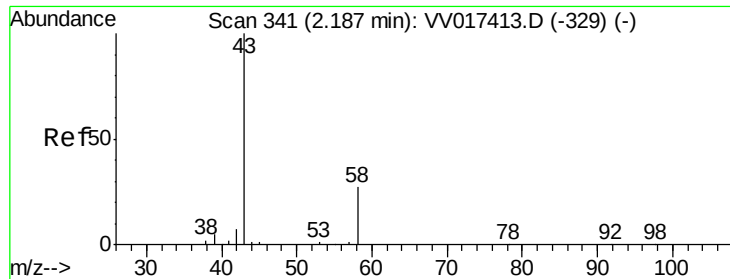
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.846 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

Lab File: VV017423.D

Acq: 10 Jul 2020 01:19

Instrument :

MSVOA_V

ClientSampleId :

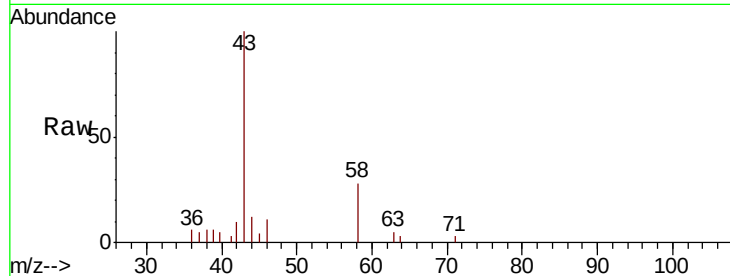
F4A33

Tot Ion: 43 Resp: 10501

Ion Ratio Lower Upper

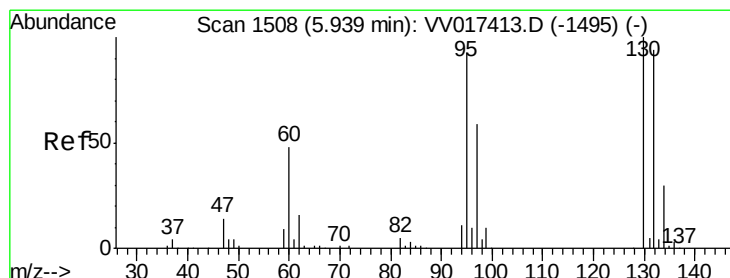
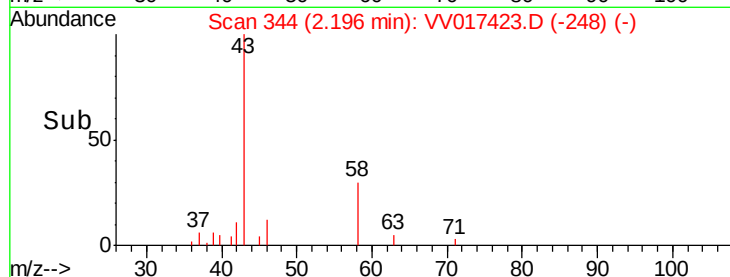
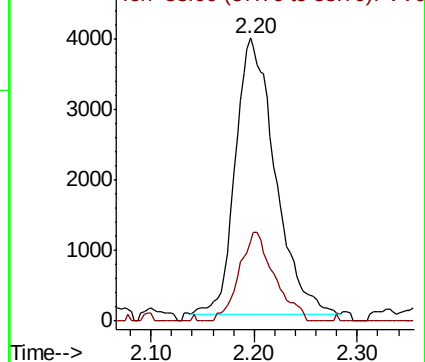
43 100

58 28.6 0.0 56.0



Abundance Ion 43.00 (42.70 to 43.70): VV017413.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV017413.D (-329) (-)



#34

Trichloroethene

Concen: 0.996 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VV017423.D

Acq: 10 Jul 2020 01:19

Tgt Ion: 95 Resp: 2044

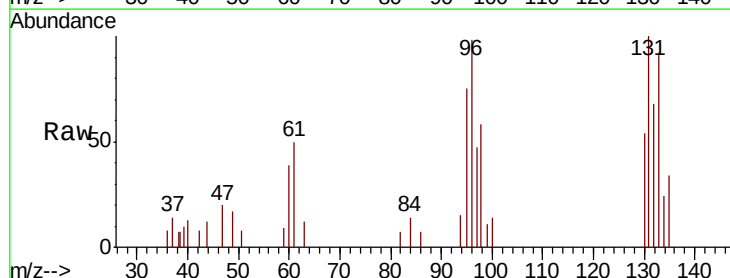
Ion Ratio Lower Upper

95 100

97 63.0 45.6 84.6

132 91.1 74.1 137.5

130 72.6 75.5 140.3#

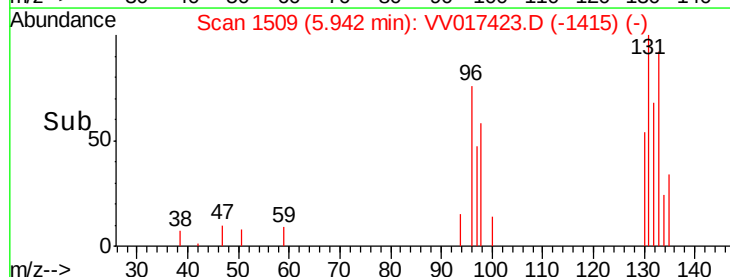
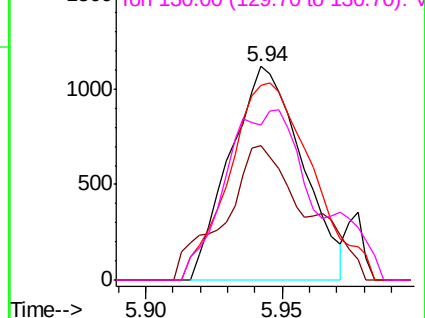


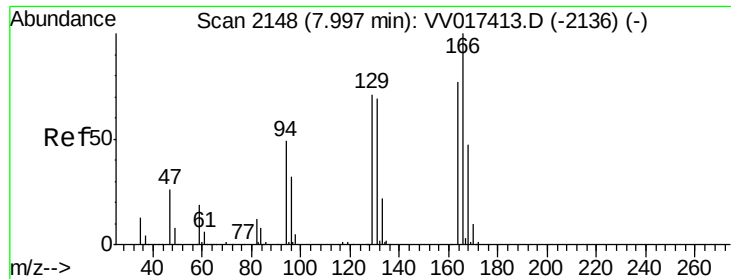
Abundance Ion 95.00 (94.70 to 95.70): VV017413.D (-1495) (-)

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) (-)





#46

Tetrachloroethene

Concen: 3.341 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV017423.D

Acq: 10 Jul 2020 01:19

Instrument :

MSVOA_V

ClientSampleId :

F4A33

Tot Ion:164 Resp: 5754

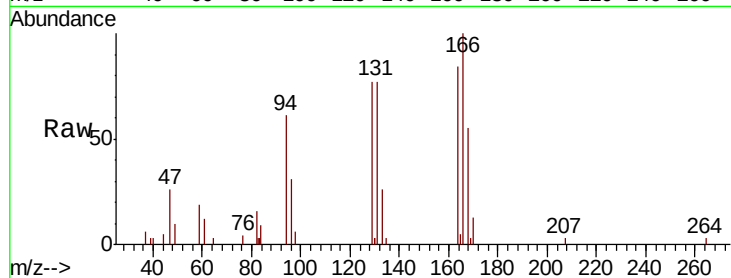
Ion Ratio Lower Upper

164 100

129 96.1 66.6 123.8

131 92.3 65.5 121.7

166 119.7 93.9 174.5

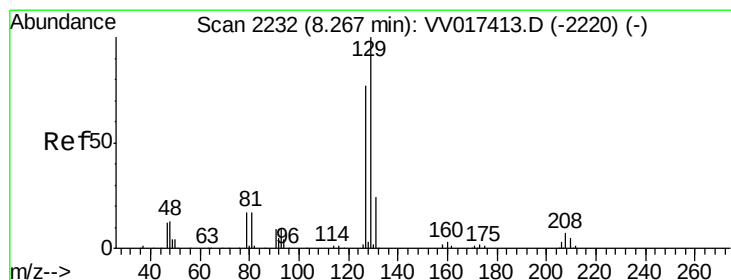
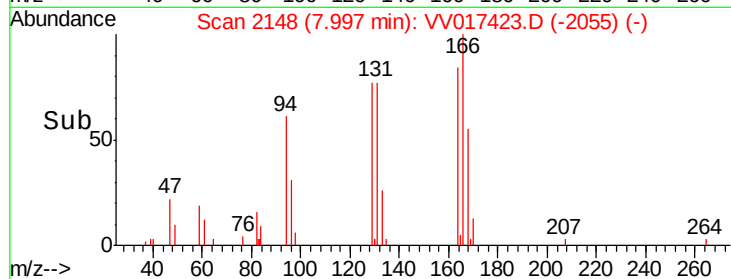
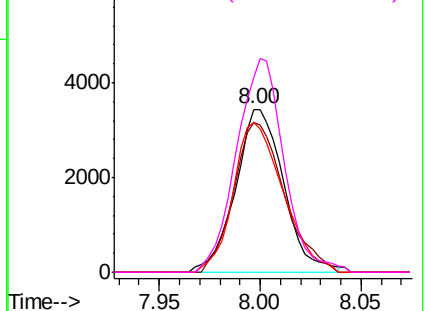


Abundance Ion 164.00 (163.70 to 164.70): V

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: 2.398 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV017423.D

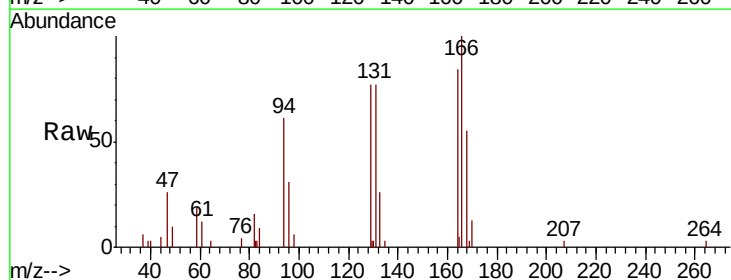
Acq: 10 Jul 2020 01:19

Tgt Ion:129 Resp: 5485

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

