

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071320\
 Data File : VV017465.D
 Acq On : 13 Jul 2020 13:16
 Operator : SY/MD
 Sample : L3270-19
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 14 05:16:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 14 05:08:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	304008	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	289145	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	140812	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76043	48.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.10%
7) Chloroethane-d5	1.58	69	55746	50.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.28%
11) 1,1-Dichloroethene-d2	2.12	63	124732	34.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.62%
21) 2-Butanone-d5	3.91	46	98060	90.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.71%
24) Chloroform-d	4.38	84	159273	43.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.02%
26) 1,2-Dichloroethane-d4	5.06	65	120552	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.96%
32) Benzene-d6	5.08	84	294814	47.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.09	67	82861	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.14%
41) Toluene-d8	7.34	98	280653	46.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.48%
43) trans-1,3-Dichloropropene-	7.64	79	47861	45.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.44%
47) 2-Hexanone-d5	8.11	63	64188	86.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.96%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	103227	40.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	116195	49.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.70%

Target Compounds

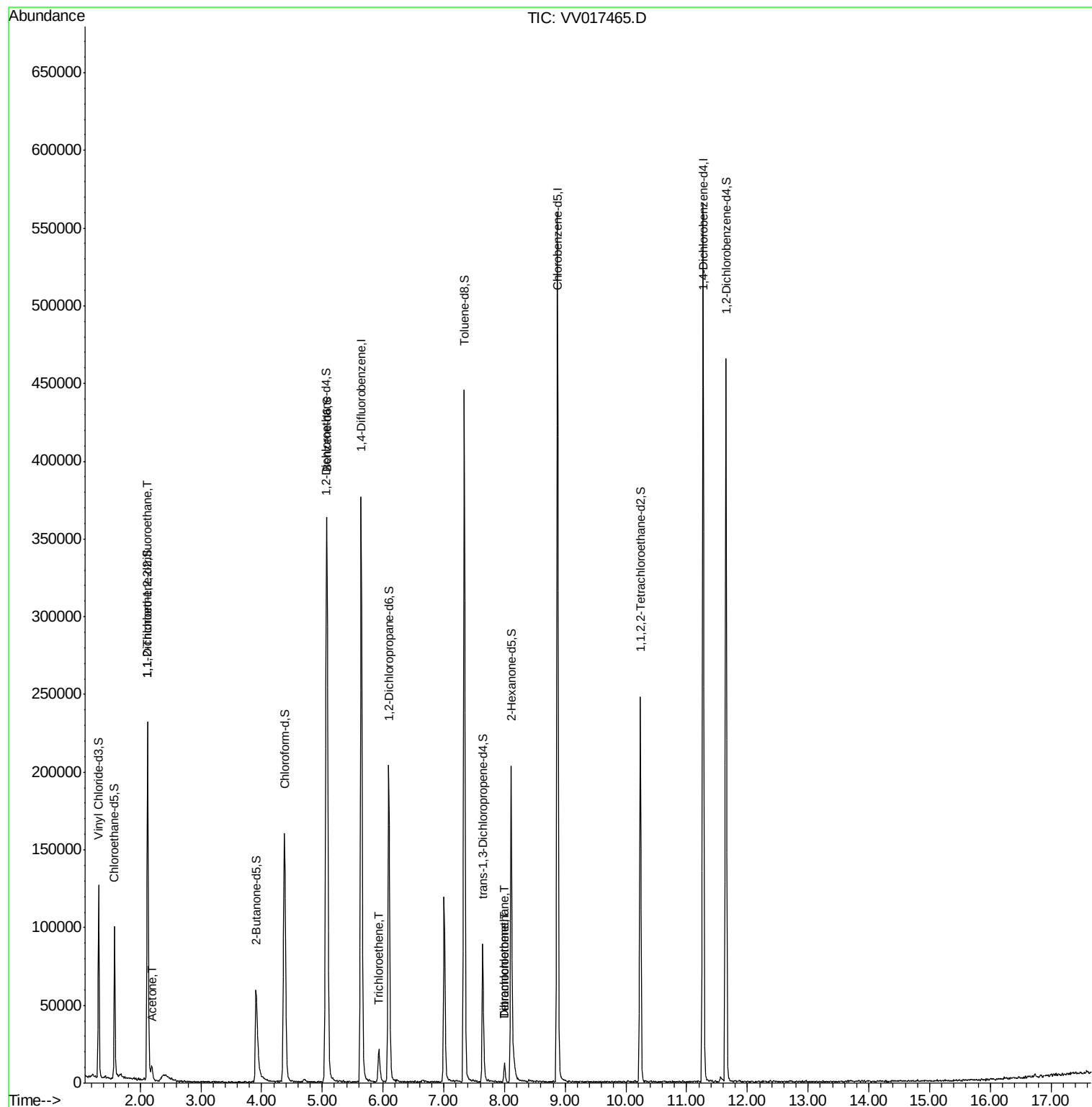
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1325	0.656 ug/L #	16
13) Acetone	2.19	43	12203	8.293 ug/L	96
34) Trichloroethene	5.94	95	1706	0.752 ug/L #	72
46) Tetrachloroethene	8.00	164	2709	1.422 ug/L	86
49) Dibromochloromethane	8.00	129	2260	0.893 ug/L #	10

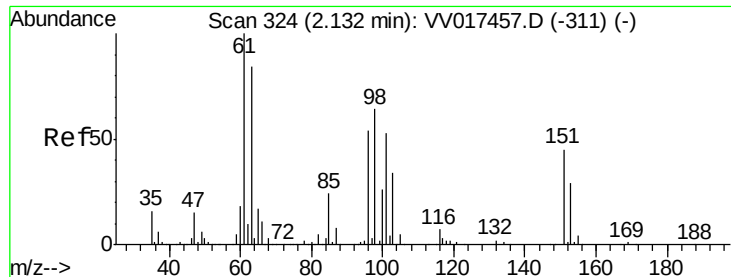
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.656 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017465.D

Acq: 13 Jul 2020 13:16

Instrument :

MSVOA_V

ClientSampleId :

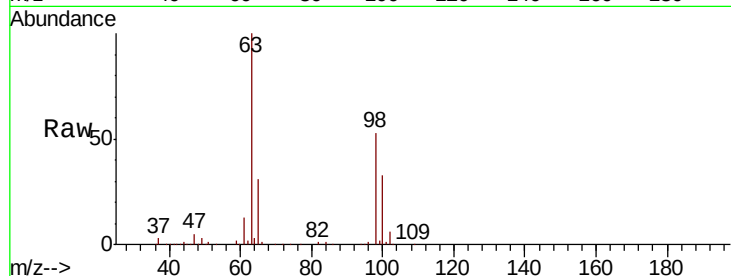
Tot Ion:101 Resp: 1325

Ion Ratio Lower Upper

101 100

85 0.0 36.2 54.4#

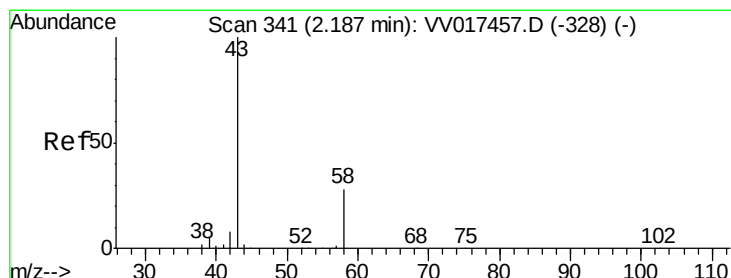
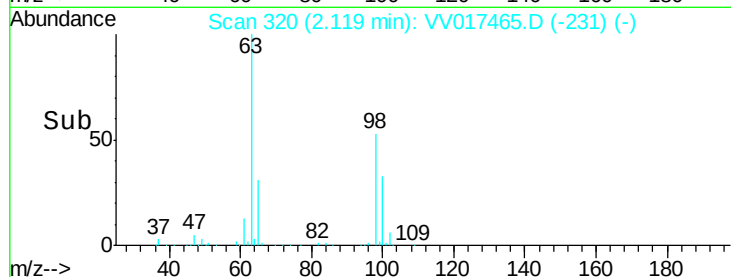
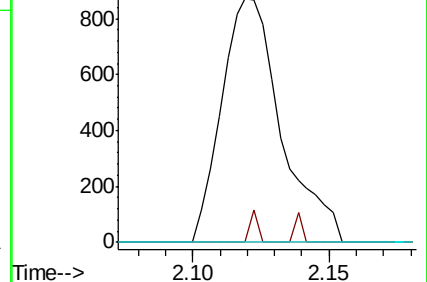
151 0.0 66.8 100.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 8.293 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV017465.D

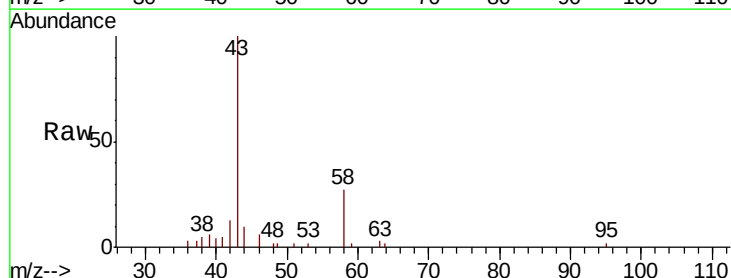
Acq: 13 Jul 2020 13:16

Tgt Ion: 43 Resp: 12203

Ion Ratio Lower Upper

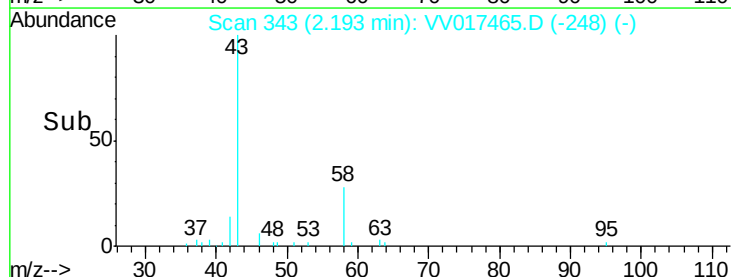
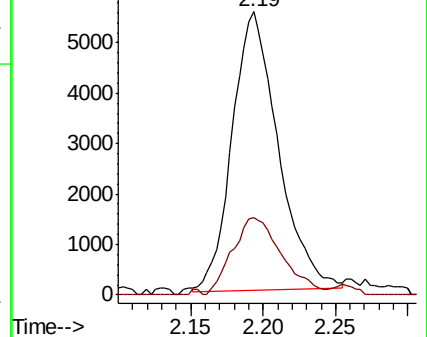
43 100

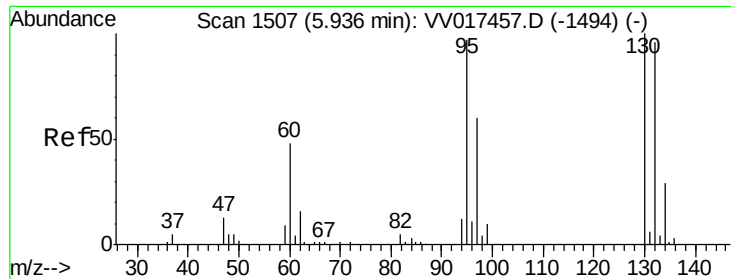
58 29.9 0.0 56.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#34

Trichloroethene

Concen: 0.752 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV017465.D

Acq: 13 Jul 2020 13:16

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 1706

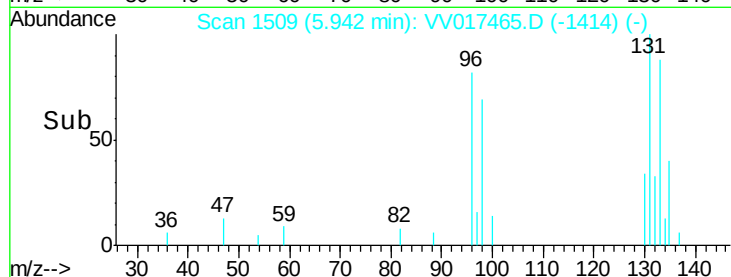
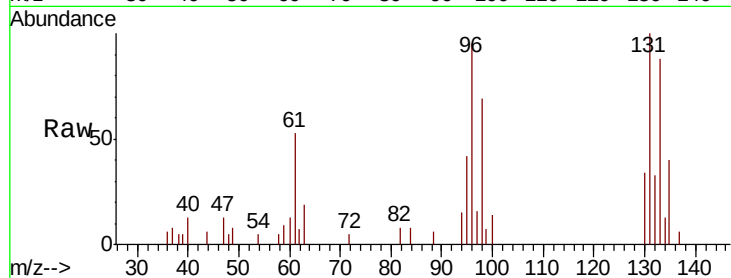
Ion Ratio Lower Upper

95 100

97 37.9 45.6 84.6#

132 77.7 74.1 137.5

130 80.8 75.5 140.3

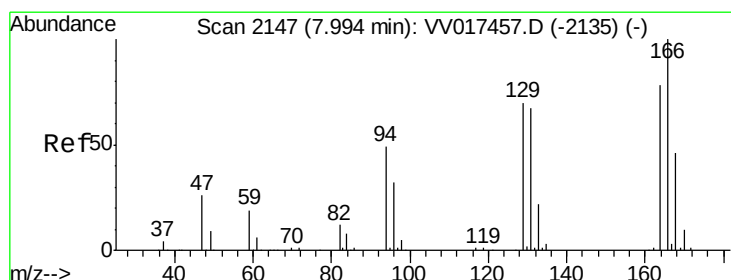
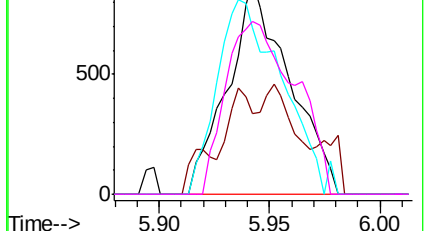


Abundance Ion 95.00 (94.70 to 95.70): VV017465.D (-1414) (-)

Ion 97.00 (96.70 to 97.70): VV017465.D (-1414) (-)

Ion 132.00 (131.70 to 132.70): VV017465.D (-1414) (-)

Ion 130.00 (129.70 to 130.70): VV017465.D (-1414) (-)



#46

Tetrachloroethene

Concen: 1.422 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017465.D

Acq: 13 Jul 2020 13:16

Tgt Ion: 164 Resp: 2709

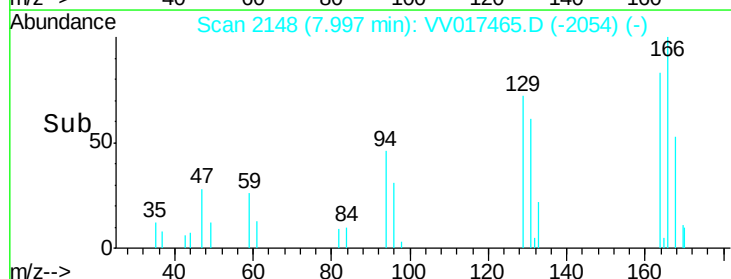
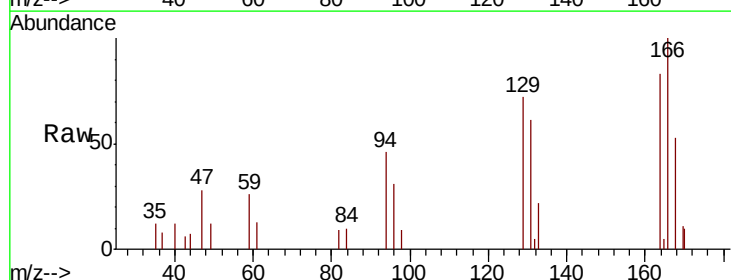
Ion Ratio Lower Upper

164 100

129 86.9 66.6 123.8

131 73.3 65.5 121.7

166 120.0 93.9 174.5

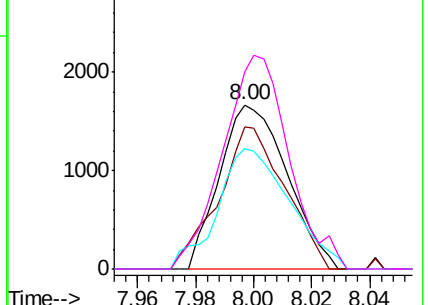


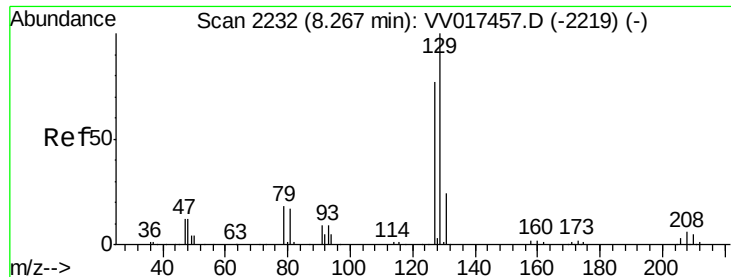
Abundance Ion 164.00 (163.70 to 164.70): VV017465.D (-2054) (-)

Ion 129.00 (128.70 to 129.70): VV017465.D (-2054) (-)

Ion 131.00 (130.70 to 131.70): VV017465.D (-2054) (-)

Ion 166.00 (165.70 to 166.70): VV017465.D (-2054) (-)





#49

Dibromochloromethane

Concen: 0.893 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV017465.D

Acq: 13 Jul 2020 13:16

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:129 Resp: 2260

Ion Ratio Lower Upper

129 100

127 0.0 54.6 101.4#

