

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051220\
 Data File : VV016009.D
 Acq On : 12 May 2020 13:10
 Operator : SY/MD
 Sample : L2541-13
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4250

Quant Time: May 13 07:23:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 13 06:55:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	112045	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	110223	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	46675	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25835	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.58	69	29984	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.12	63	40452	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	3.93	46	110068	63.48	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.96%
24) Chloroform-d	4.38	84	67012	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.06	65	46408	6.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.80%
32) Benzene-d6	5.08	84	131551	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.10	67	46796	5.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.00%
41) Toluene-d8	7.34	98	103815	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
45) trans-1,3-Dichloropropene-	7.65	79	10765	3.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.60%
48) 2-Hexanone-d5	8.12	63	67256	48.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.46%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	33937	6.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.60%#
65) 1,2-Dichlorobenzene-d4	11.65	152	41671	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%

Target Compounds

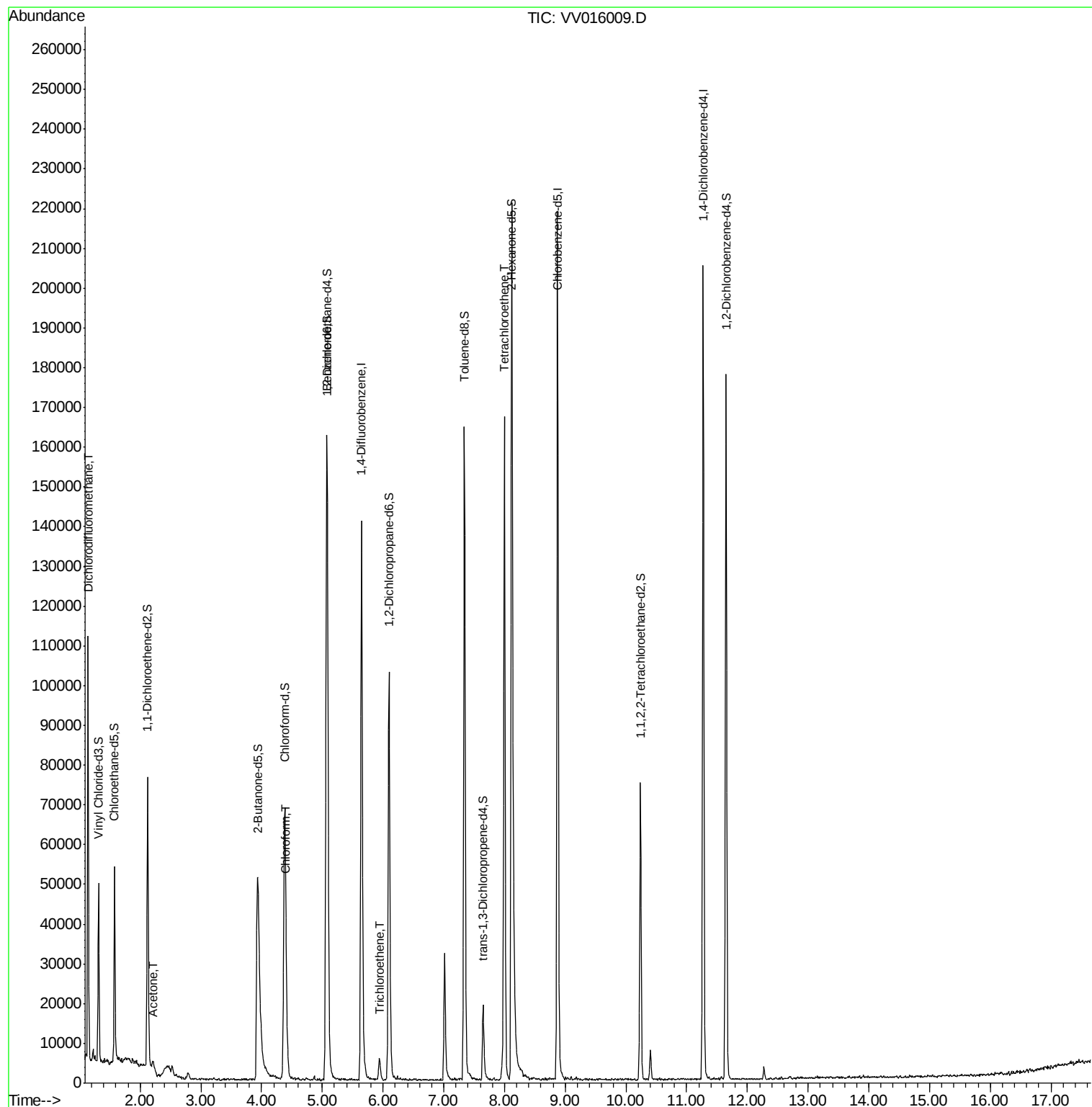
					Ovalue
2) Dichlorodifluoromethane	1.14	85	1148	0.134 ug/L	97
13) Acetone	2.21	43	6073	5.310 ug/L	82
25) Chloroform	4.41	83	10577	0.732 ug/L	99
34) Trichloroethene	5.95	95	1401	0.177 ug/L	88
49) Tetrachloroethene	8.00	164	33454	6.057 ug/L	97

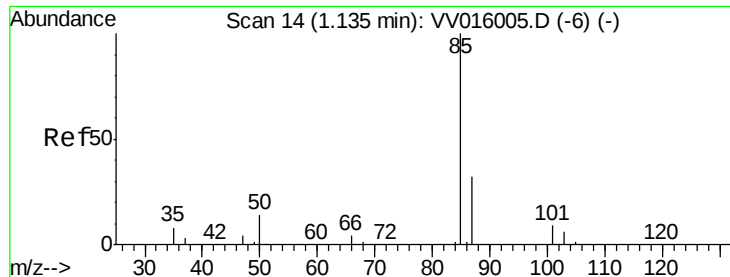
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.134 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.01 min

Lab File: VV016009.D

Acq: 12 May 2020 13:10

Instrument :

MSVOA_V

ClientSampleId :

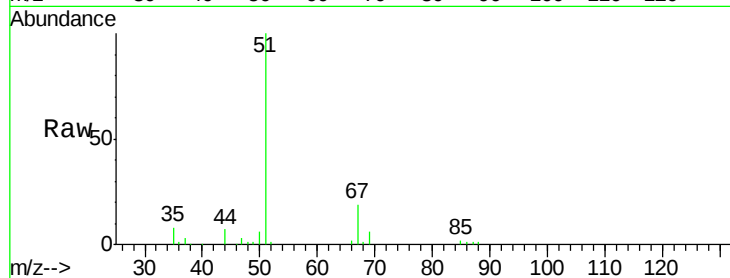
H4250

Tot Ion: 85 Resp: 1148

Ion Ratio Lower Upper

85 100

87 34.8 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0

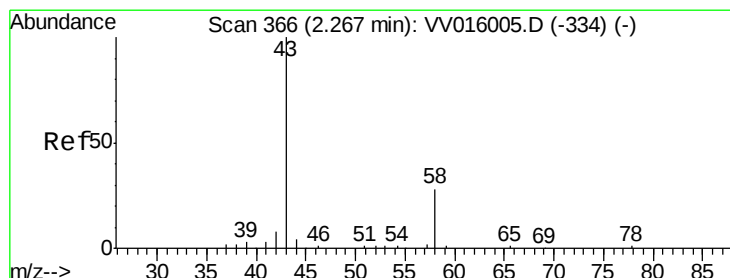
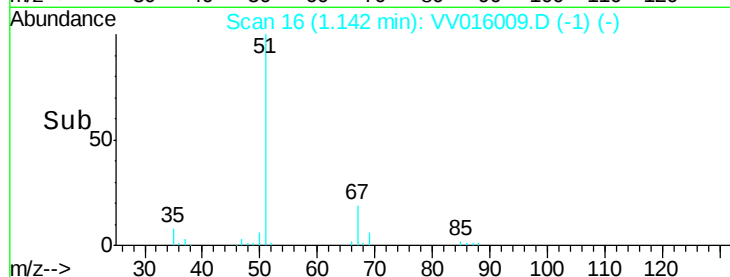
1.14

1000

500

0

Time-->



#13

Acetone

Concen: 5.310 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.06 min

Lab File: VV016009.D

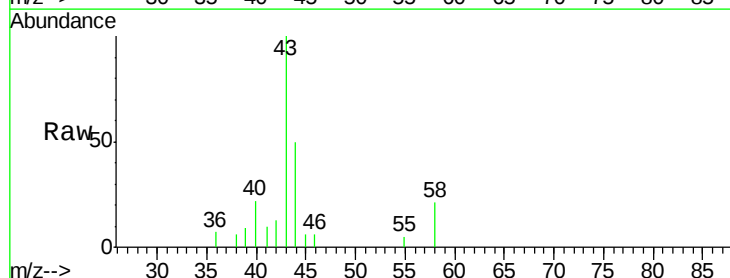
Acq: 12 May 2020 13:10

Tgt Ion: 43 Resp: 6073

Ion Ratio Lower Upper

43 100

58 7.8 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2500

2000

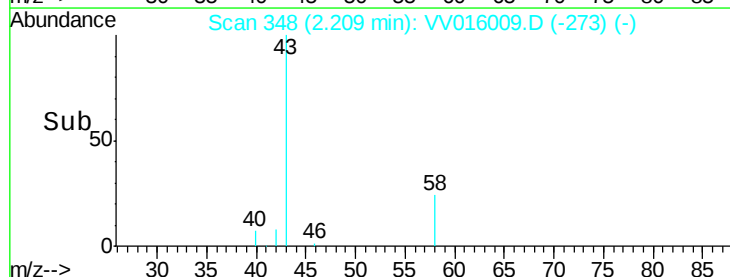
1500

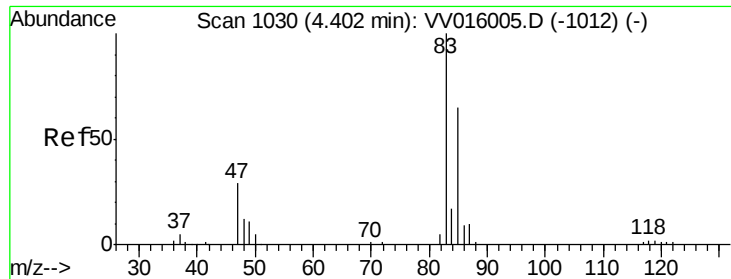
1000

500

0

Time-->

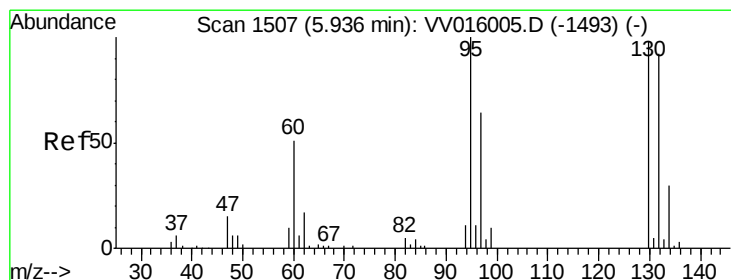
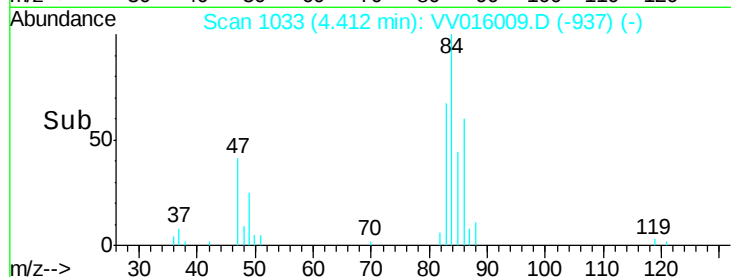
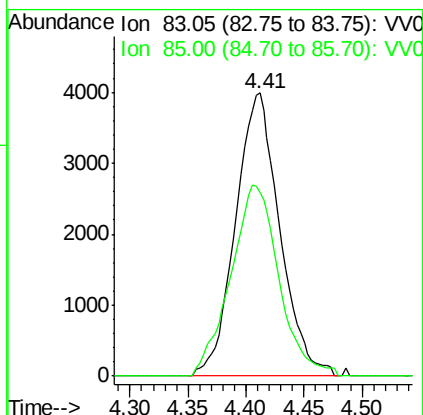
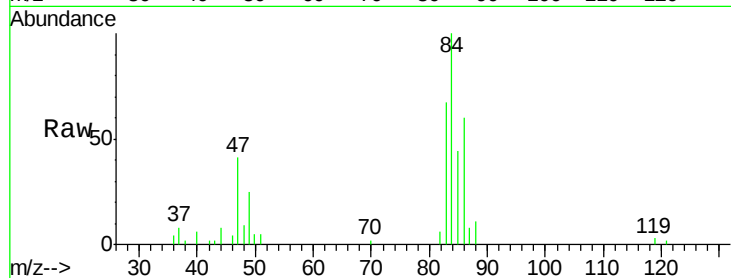




#25
Chloroform
Concen: 0.732 ug/L
RT: 4.41 min Scan# 1033
Delta R.T. 0.01 min
Lab File: VV016009.D
Acq: 12 May 2020 13:10

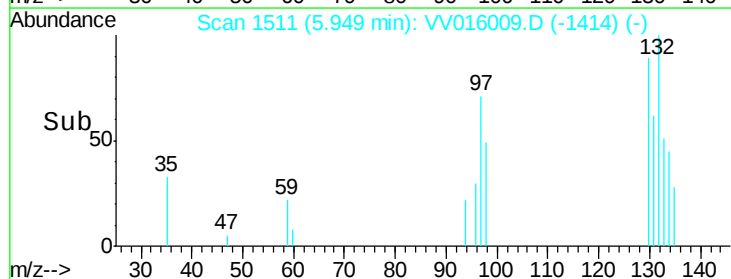
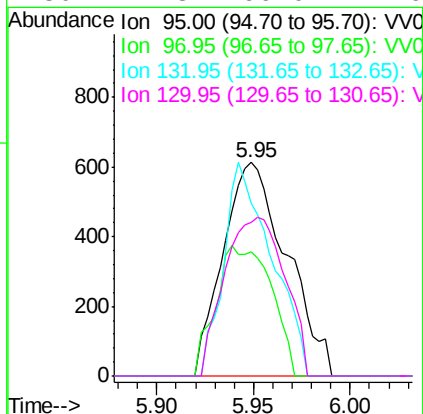
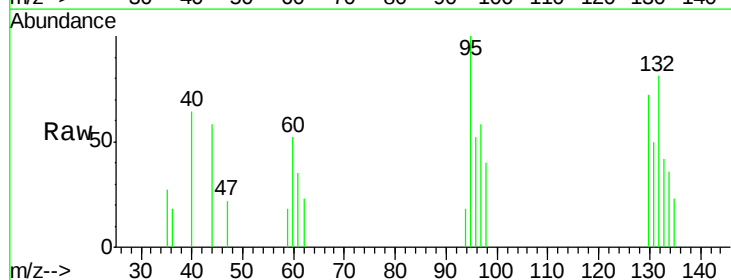
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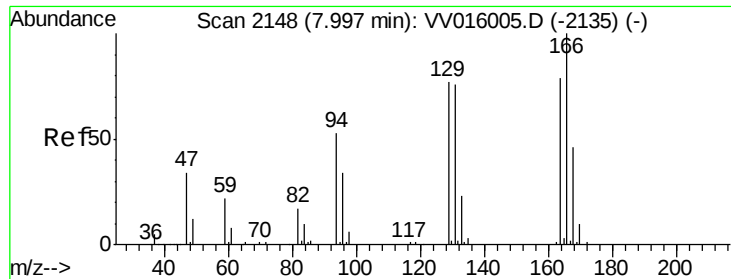
Tot Ion: 83 Resp: 10577
Ion Ratio Lower Upper
83 100
85 64.7 45.7 84.9



#34
Trichloroethene
Concen: 0.177 ug/L
RT: 5.95 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VV016009.D
Acq: 12 May 2020 13:10

Tgt Ion: 95 Resp: 1401
Ion Ratio Lower Upper
95 100
97 57.9 43.3 80.5
132 81.2 60.3 112.1
130 72.3 66.0 122.6





#49

Tetrachloroethene

Concen: 6.057 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016009.D

Acq: 12 May 2020 13:10

Instrument :
MSVOA_V
ClientSampleId :
H4250

Tot Ion:164 Resp: 33454

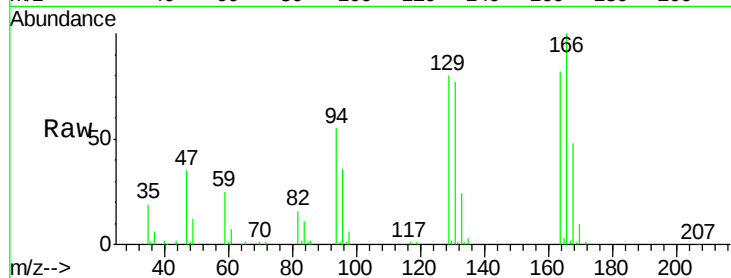
Ion Ratio Lower Upper

164 100

129 97.3 69.7 129.4

131 94.2 66.8 124.2

166 122.2 89.1 165.5



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

