

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050820\
 Data File : VV015975.D
 Acq On : 08 May 2020 19:03
 Operator : SY/MD
 Sample : L2520-16
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4222

Quant Time: May 09 04:48:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 09 00:44:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	142263	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	141136	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	65927	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32436	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.58	69	33446	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.12	63	54056	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	3.92	46	109271	49.63	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.26%
24) Chloroform-d	4.38	84	79013	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.06	65	47656	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.08	84	158951	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.10	67	50054	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.34	98	140289	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
45) trans-1,3-Dichloropropene-	7.65	79	15779	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
48) 2-Hexanone-d5	8.11	63	81994	46.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.78%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35844	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	54187	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

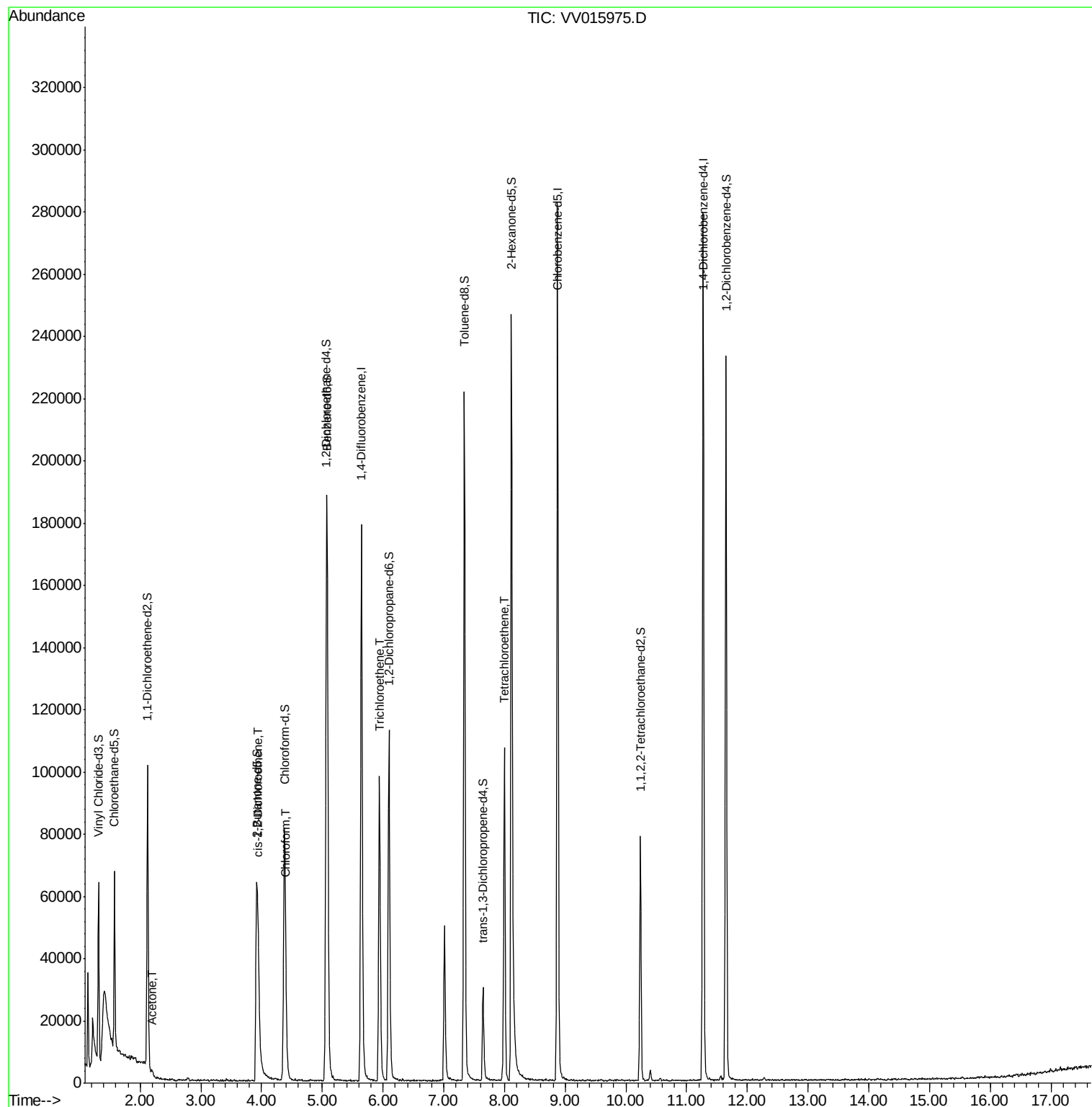
					Ovalue
13) Acetone	2.20	43	2961	2.039	ug/L 68
22) cis-1,2-Dichloroethene	3.95	96	9974	1.101	ug/L 93
25) Chloroform	4.41	83	6755	0.368	ug/L 98
34) Trichloroethene	5.94	95	33707	3.326	ug/L 96
49) Tetrachloroethene	8.00	164	22403	3.168	ug/L 98

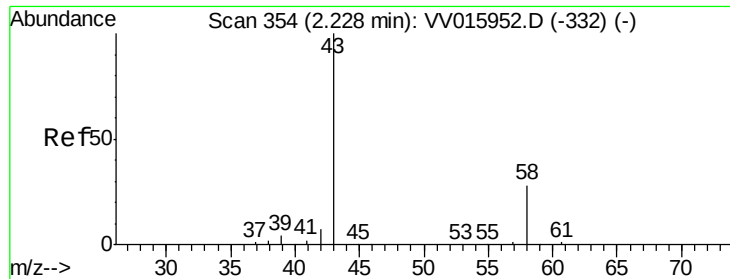
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.039 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.03 min

Lab File: VV015975.D

Acq: 08 May 2020 19:03

Instrument :

MSVOA_V

ClientSampleId :

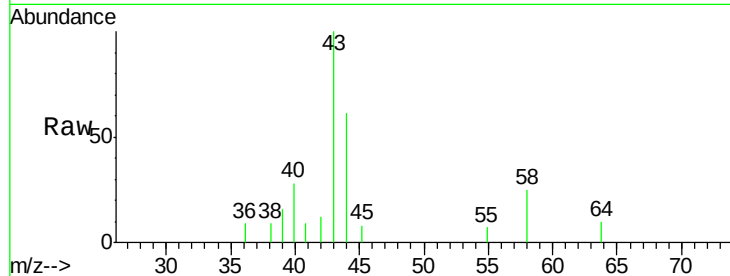
H4222

Tot Ion: 43 Resp: 2961

Ion Ratio Lower Upper

43 100

58 28.7 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.20

1500

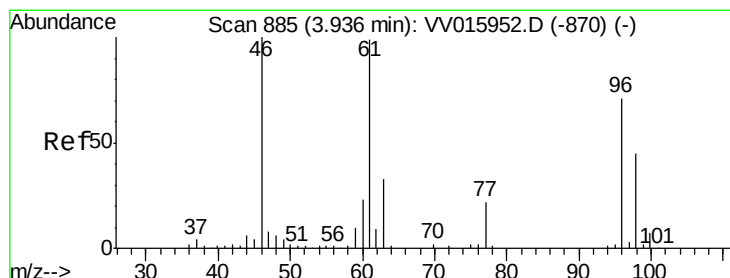
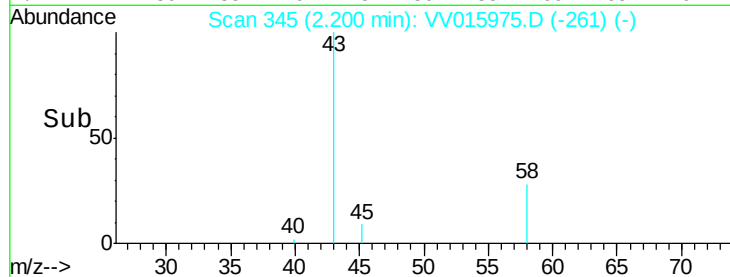
1000

500

0

Time-->

2.15 2.20 2.25



#22

cis-1,2-Dichloroethene

Concen: 1.101 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV015975.D

Acq: 08 May 2020 19:03

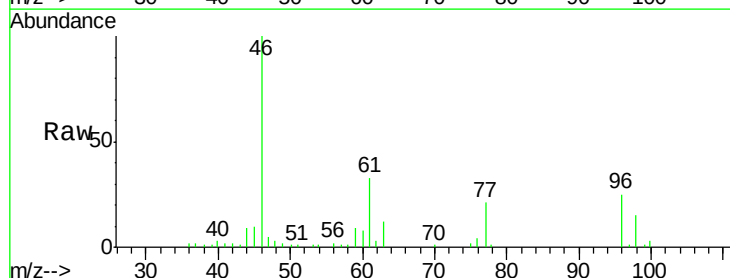
Tgt Ion: 96 Resp: 9974

Ion Ratio Lower Upper

96 100

61 130.7 97.2 180.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

3.95

6000

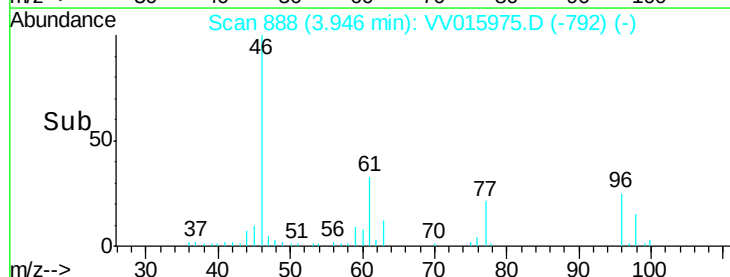
4000

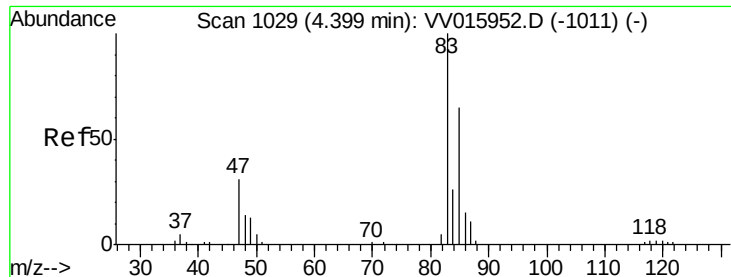
2000

0

Time-->

3.85 3.90 3.95 4.00 4.05

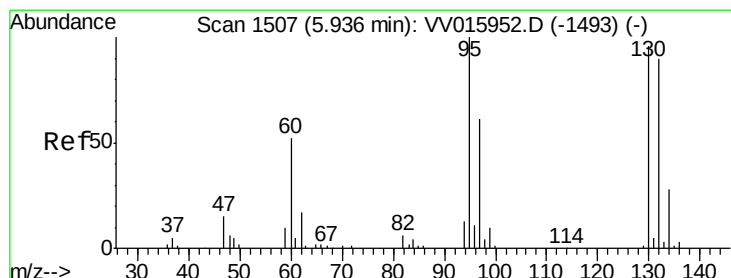
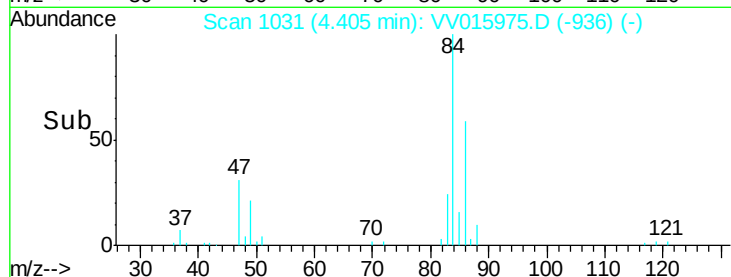
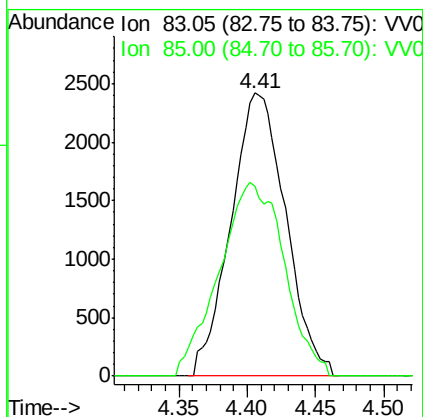
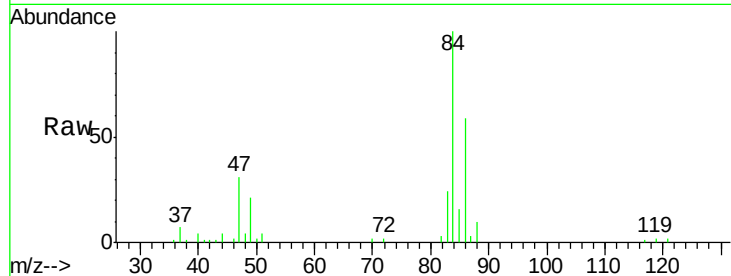




#25
Chloroform
Concen: 0.368 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015975.D
Acq: 08 May 2020 19:03

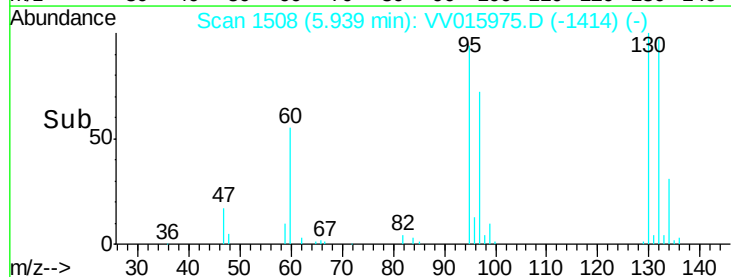
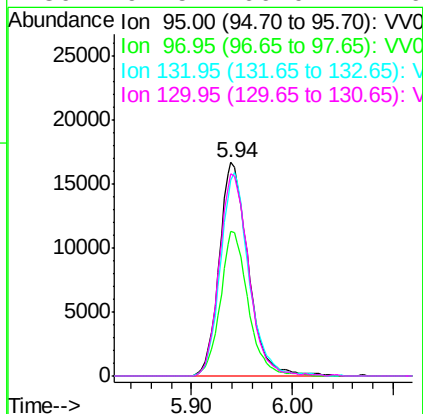
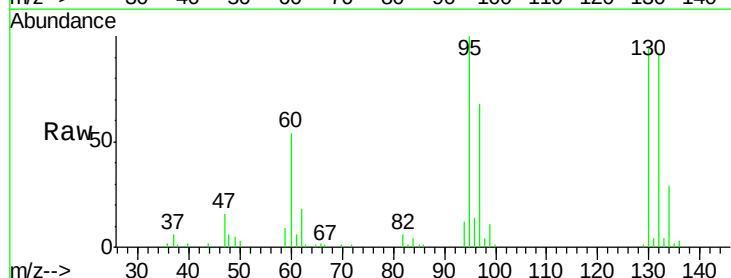
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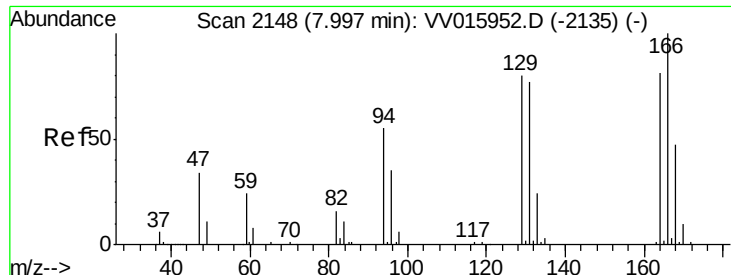
Tot Ion: 83 Resp: 6755
Ion Ratio Lower Upper
83 100
85 66.9 45.7 84.9



#34
Trichloroethene
Concen: 3.326 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV015975.D
Acq: 08 May 2020 19:03

Tgt Ion: 95 Resp: 33707
Ion Ratio Lower Upper
95 100
97 67.6 43.3 80.5
132 91.8 60.3 112.1
130 94.5 66.0 122.6





#49

Tetrachloroethene

Concen: 3.168 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV015975.D

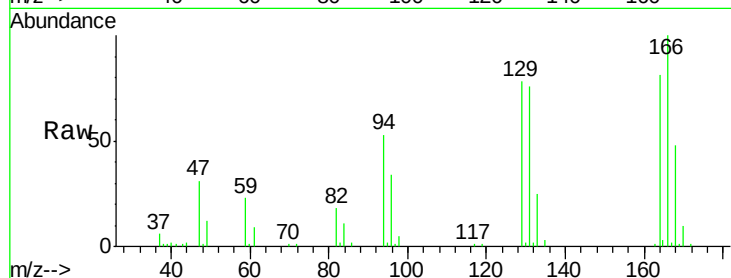
Acq: 08 May 2020 19:03

Instrument :

MSVOA_V

ClientSampleId :

H4222



Tot Ion:164 Resp: 22403

Ion Ratio Lower Upper

164 100

129 97.1 69.7 129.4

131 93.9 66.8 124.2

166 124.2 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

