

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051120\
 Data File : VV015987.D
 Acq On : 11 May 2020 14:15
 Operator : SY/MD
 Sample : L2520-12
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H41Y4

Quant Time: May 12 02:27:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 12 01:07:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	140701	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	138549	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	63321	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28733	3.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.20%
7) Chloroethane-d5	1.58	69	30722	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	2.12	63	49785	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	3.93	46	109204	50.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.30%
24) Chloroform-d	4.38	84	80450	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.06	65	45820	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.08	84	148351	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.10	67	47090	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.34	98	132578	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
45) trans-1,3-Dichloropropene-	7.65	79	16357	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
48) 2-Hexanone-d5	8.12	63	78889	45.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.94%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35334	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	51101	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

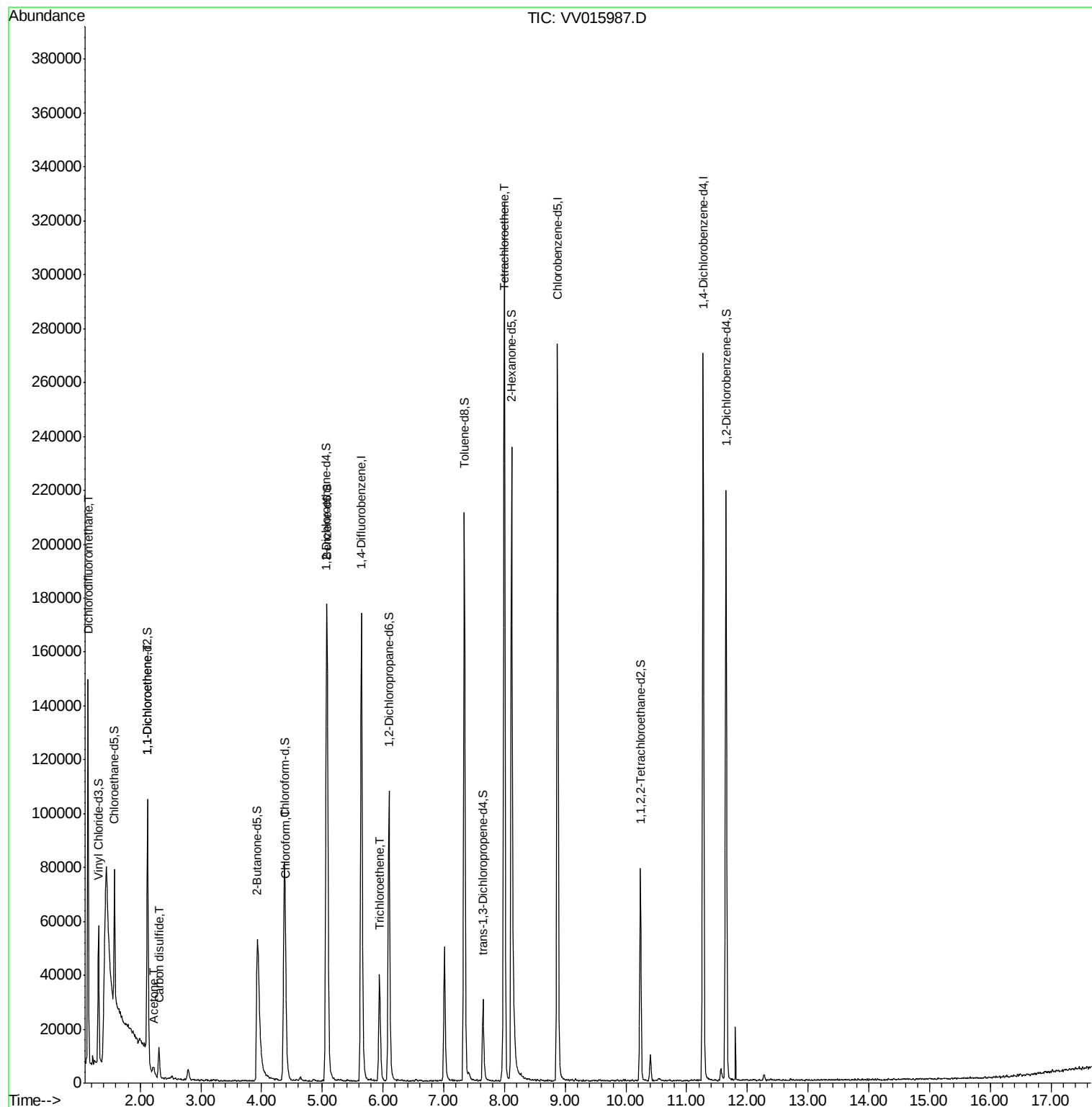
					Ovalue
2) Dichlorodifluoromethane	1.14	85	1620	0.150 ug/L	99
12) 1,1-Dichloroethene	2.13	96	2003	0.259 ug/L #	1
13) Acetone	2.21	43	5178	3.605 ug/L	98
14) Carbon disulfide	2.31	76	13432	0.525 ug/L	100
25) Chloroform	4.40	83	6260	0.345 ug/L	95
34) Trichloroethene	5.94	95	13165	1.323 ug/L	96
49) Tetrachloroethene	8.00	164	65097	9.377 ug/L	98

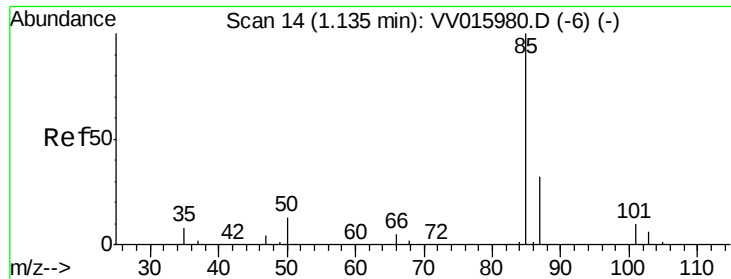
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.150 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.01 min

Lab File: VV015987.D

Acq: 11 May 2020 14:15

Instrument :

MSVOA_V

ClientSampleId :

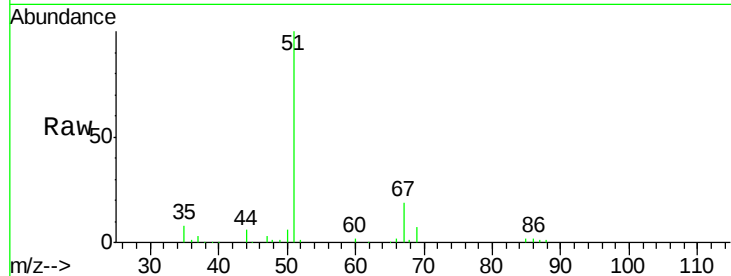
H41Y4

Tot Ion: 85 Resp: 1620

Ion Ratio Lower Upper

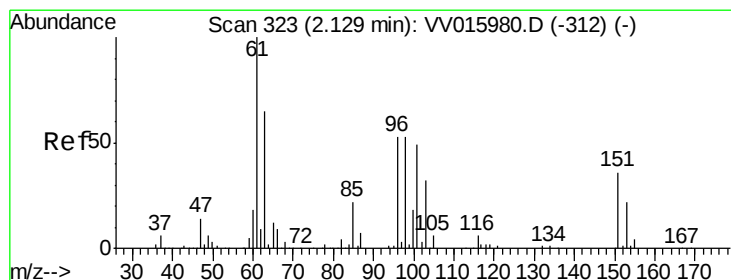
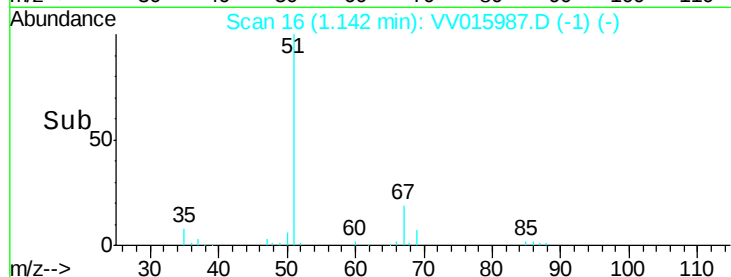
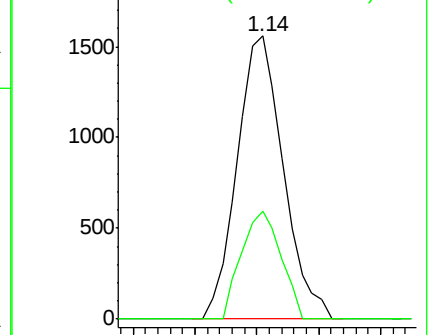
85 100

87 32.5 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#12

1,1-Dichloroethene

Concen: 0.259 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV015987.D

Acq: 11 May 2020 14:15

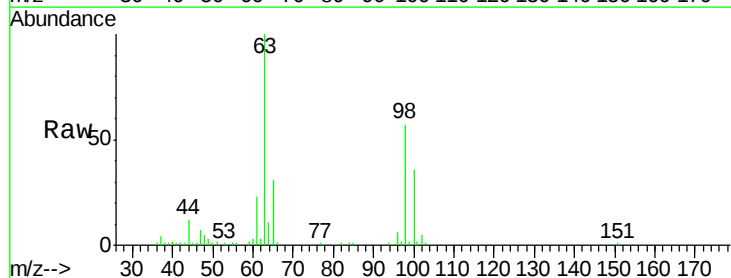
Tgt Ion: 96 Resp: 2003

Ion Ratio Lower Upper

96 100

61 372.3 139.9 259.7#

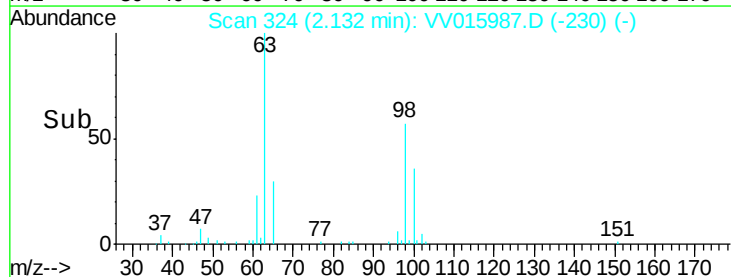
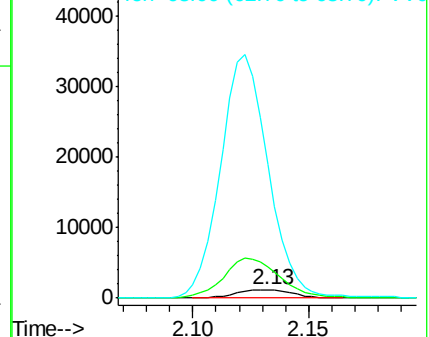
63 1589.9 106.4 197.6#

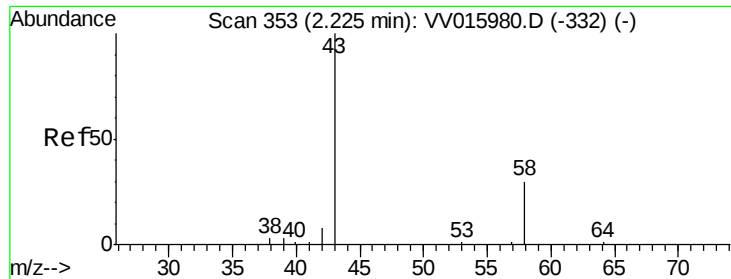


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 3.605 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.01 min

Lab File: VV015987.D

Acq: 11 May 2020 14:15

Instrument :

MSVOA_V

ClientSampled :

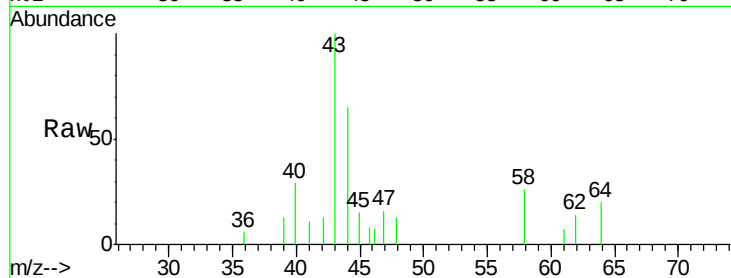
H41Y4

Tot Ion: 43 Resp: 5178

Ion Ratio Lower Upper

43 100

58 14.7 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.21

1500

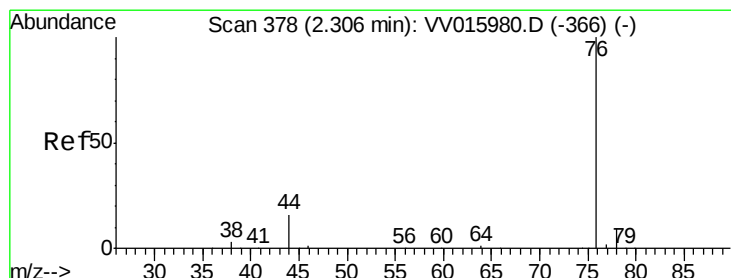
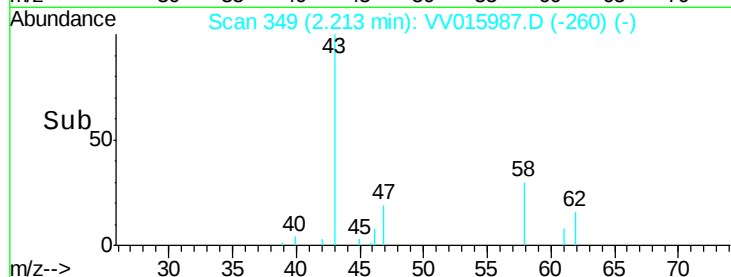
1000

500

0

Time-->

2.10 2.15 2.20 2.25 2.30



#14

Carbon disulfide

Concen: 0.525 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV015987.D

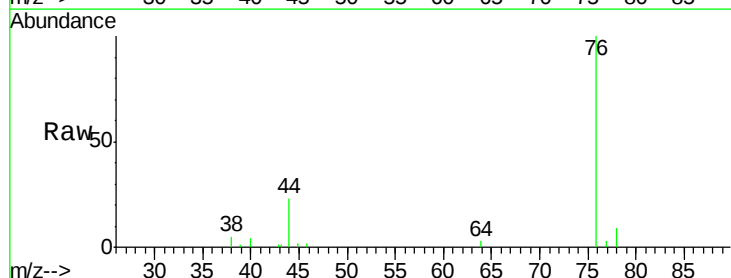
Acq: 11 May 2020 14:15

Tgt Ion: 76 Resp: 13432

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

2.31

10000

8000

6000

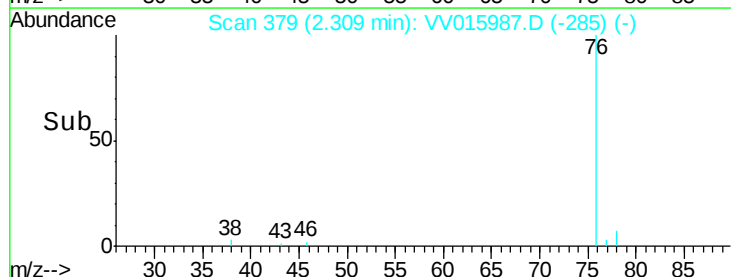
4000

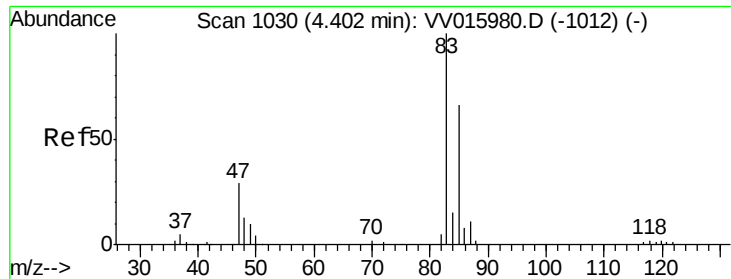
2000

0

Time-->

2.25 2.30 2.35

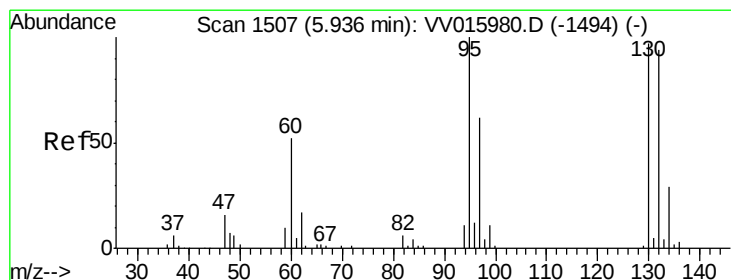
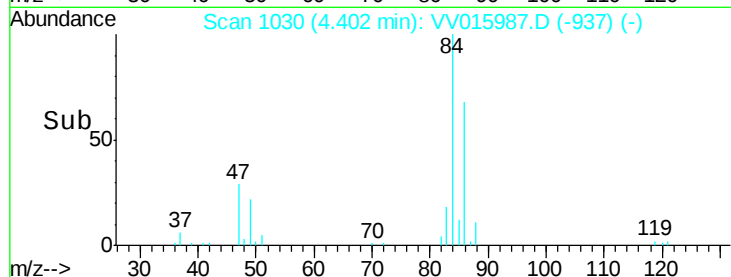
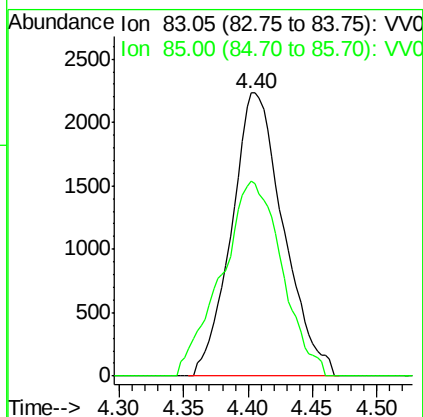
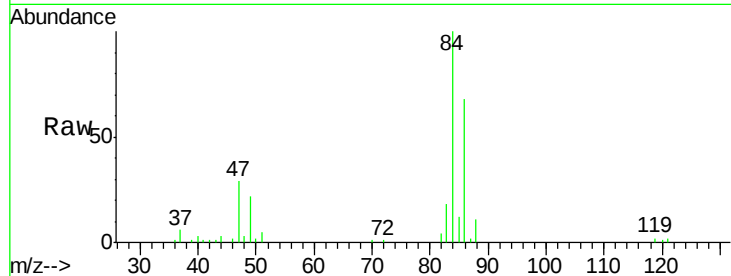




#25
Chloroform
Concen: 0.345 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV015987.D
Acq: 11 May 2020 14:15

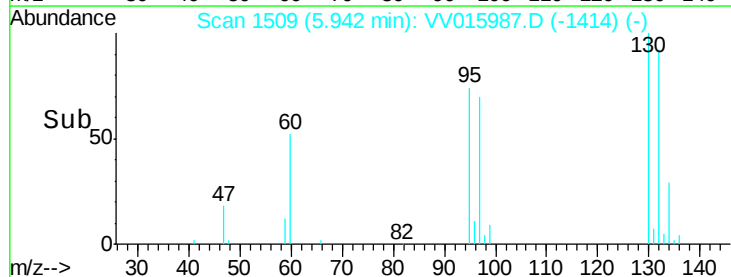
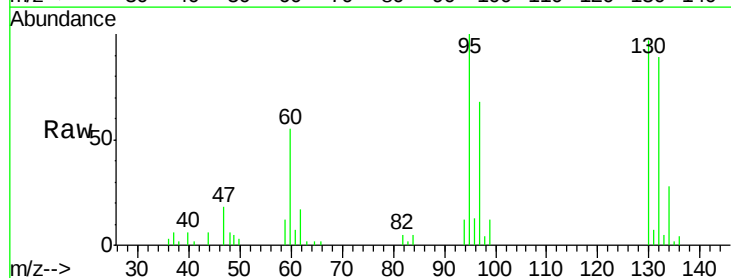
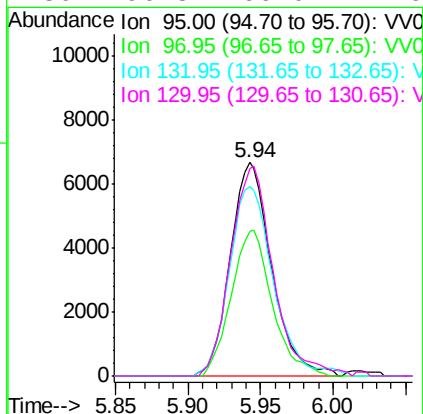
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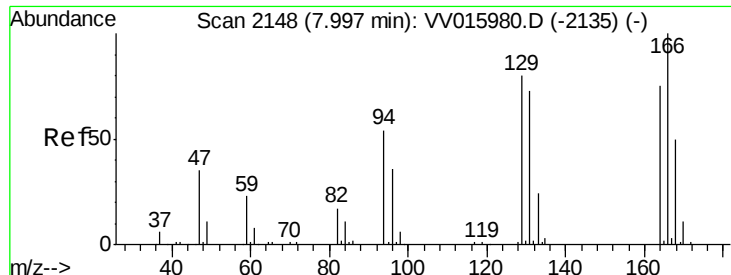
Tot Ion: 83 Resp: 6260
Ion Ratio Lower Upper
83 100
85 69.0 45.7 84.9



#34
Trichloroethene
Concen: 1.323 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV015987.D
Acq: 11 May 2020 14:15

Tgt Ion: 95 Resp: 13165
Ion Ratio Lower Upper
95 100
97 67.9 43.3 80.5
132 89.0 60.3 112.1
130 96.8 66.0 122.6





#49

Tetrachloroethene

Concen: 9.377 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV015987.D

Acq: 11 May 2020 14:15

Instrument :
MSVOA_V
ClientSampleId :
H41Y4

Tot Ion:164 Resp: 65097

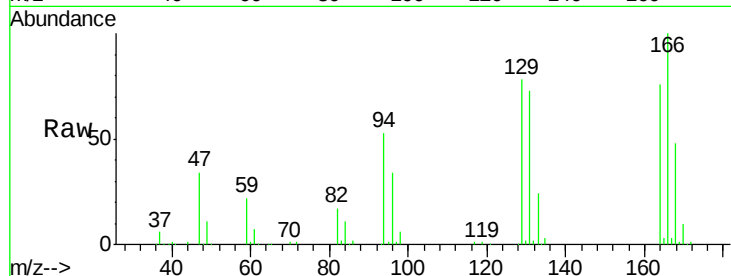
Ion Ratio Lower Upper

164 100

129 101.8 69.7 129.4

131 96.2 66.8 124.2

166 131.2 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

