

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051120\
 Data File : VV015989.D
 Acq On : 11 May 2020 15:01
 Operator : SY/MD
 Sample : L2520-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H41Z1

Quant Time: May 12 02:50:39 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	140256	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	140732	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	63872	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31083	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.58	69	31391	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.12	63	52327	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	3.93	46	112360	51.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.54%
24) Chloroform-d	4.38	84	83376	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.06	65	47321	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.08	84	156262	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.09	67	50988	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.34	98	141610	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
45) trans-1,3-Dichloropropene-	7.65	79	17434	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
48) 2-Hexanone-d5	8.12	63	80235	45.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.06%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	36339	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	55466	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

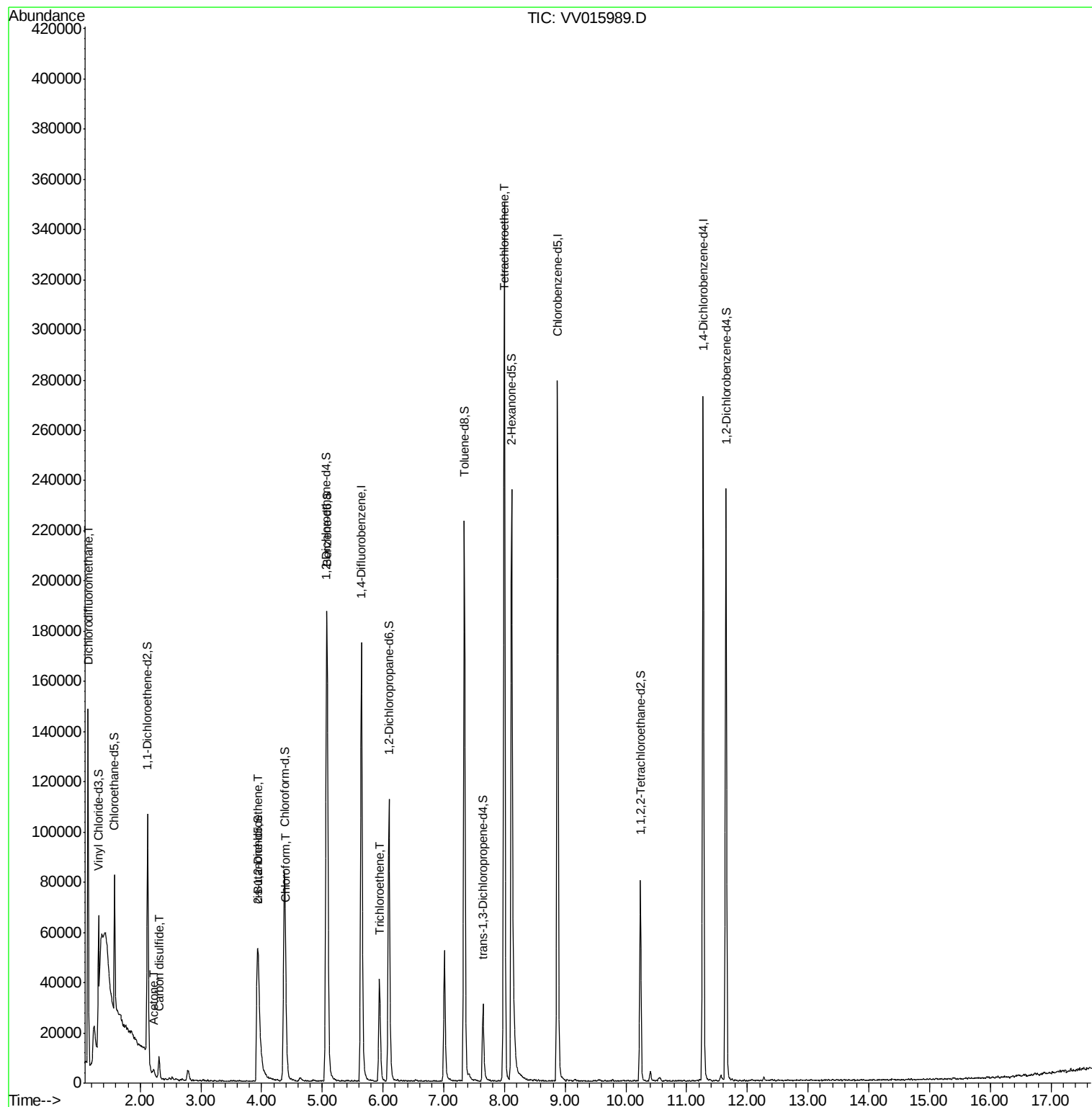
					Ovalue
2) Dichlorodifluoromethane	1.14	85	1771	0.165 ug/L	96
13) Acetone	2.22	43	4362	3.047 ug/L	78
14) Carbon disulfide	2.31	76	10581	0.415 ug/L	98
22) cis-1,2-Dichloroethene	3.95	96	2239	0.251 ug/L	95
25) Chloroform	4.41	83	6691	0.370 ug/L	93
34) Trichloroethene	5.94	95	14092	1.394 ug/L	94
49) Tetrachloroethene	8.00	164	70337	9.975 ug/L	99

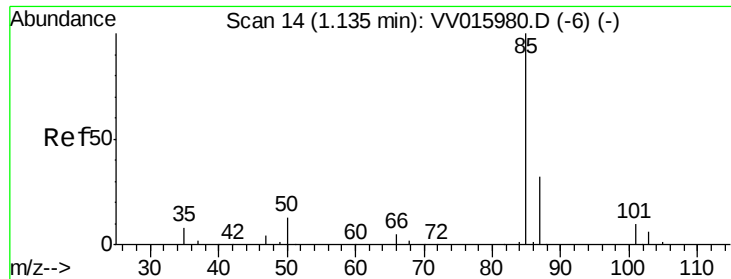
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.165 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.01 min

Lab File: VV015989.D

Acq: 11 May 2020 15:01

Instrument :

MSVOA_V

ClientSampleId :

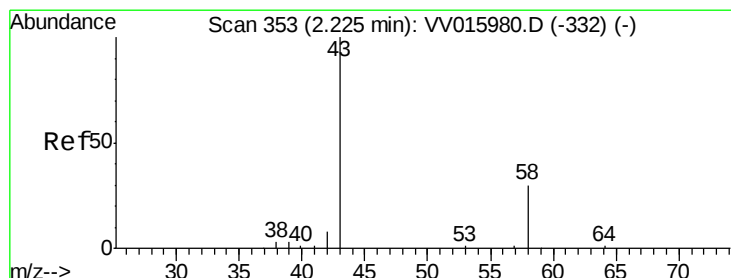
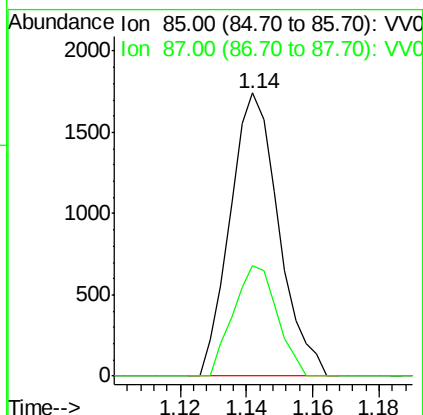
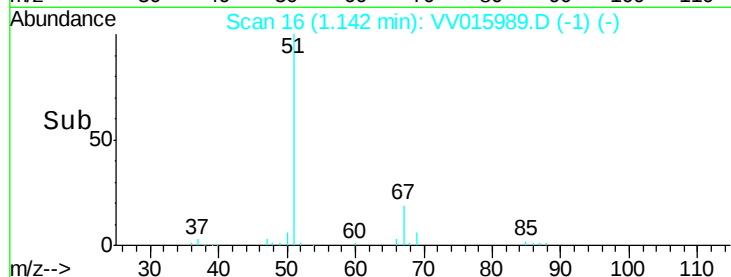
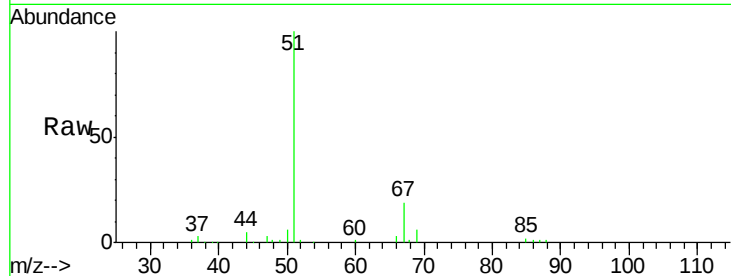
H41Z1

Tot Ion: 85 Resp: 1771

Ion Ratio Lower Upper

85 100

87 35.2 26.4 39.6



#13

Acetone

Concen: 3.047 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.01 min

Lab File: VV015989.D

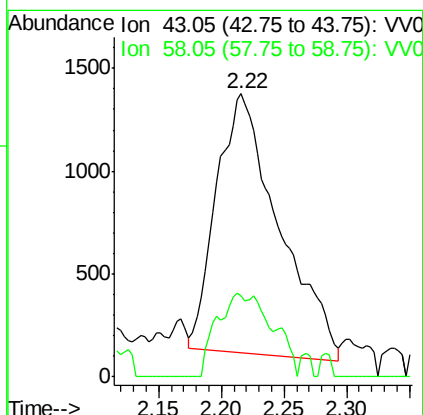
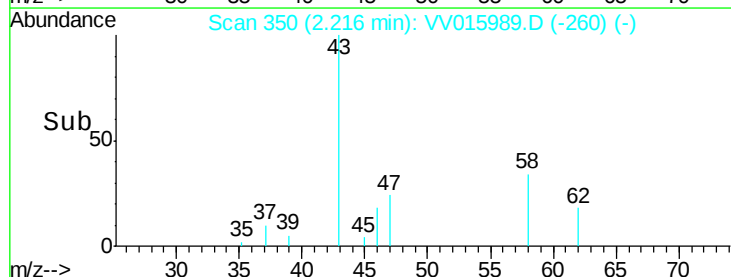
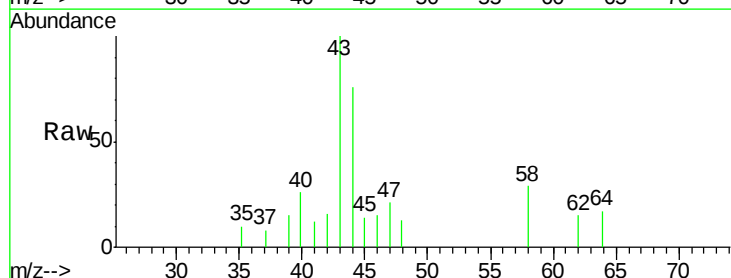
Acq: 11 May 2020 15:01

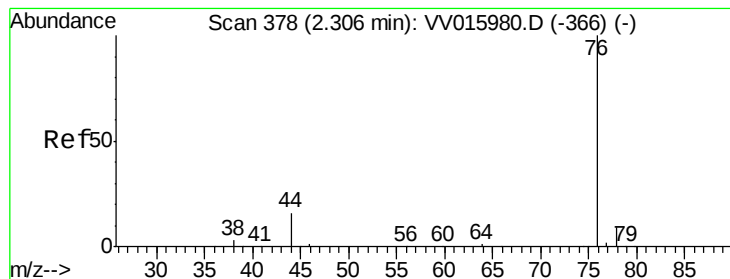
Tgt Ion: 43 Resp: 4362

Ion Ratio Lower Upper

43 100

58 24.5 0.0 30.8





#14

Carbon disulfide

Concen: 0.415 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.01 min

Lab File: VV015989.D

Acq: 11 May 2020 15:01

Instrument :

MSVOA_V

ClientSampleId :

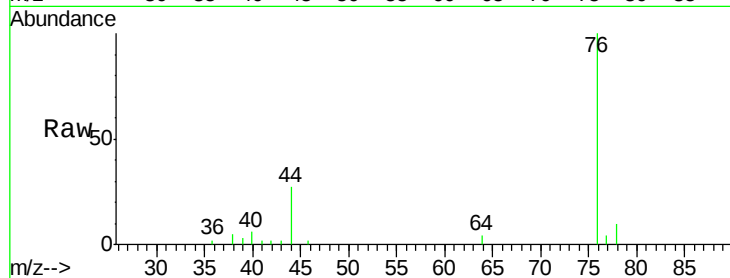
H41Z1

Tot Ion: 76 Resp: 10581

Ion Ratio Lower Upper

76 100

78 9.7 7.0 10.6



Abundance Ion 76.05 (75.75 to 76.75): VV015989.D (-285) (-)

Ion 78.00 (77.70 to 78.70): VV015989.D (-285) (-)

2.31

6000

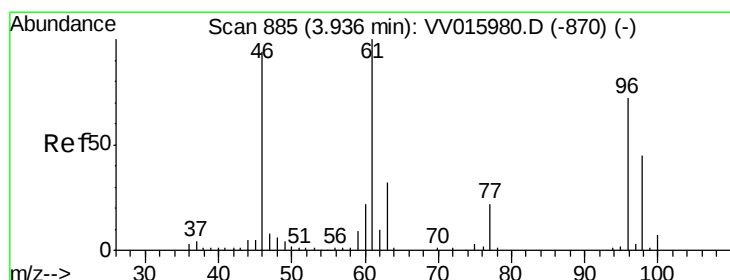
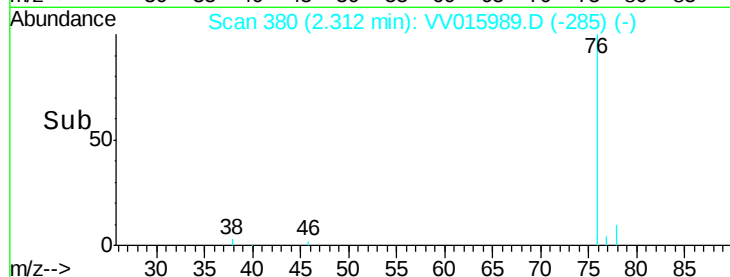
4000

2000

0

Time-->

2.25 2.30 2.35 2.40



#22

cis-1,2-Dichloroethene

Concen: 0.251 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV015989.D

Acq: 11 May 2020 15:01

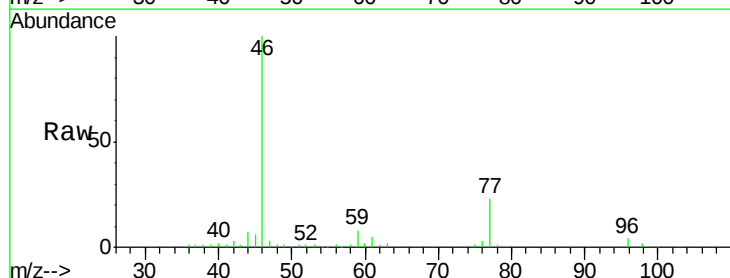
Tgt Ion: 96 Resp: 2239

Ion Ratio Lower Upper

96 100

61 144.8 97.2 180.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV015989.D (-792) (-)

Ion 61.05 (60.75 to 61.75): VV015989.D (-792) (-)

Ion 68.15 (67.85 to 68.85): VV015989.D (-792) (-)

3.95

2000

1500

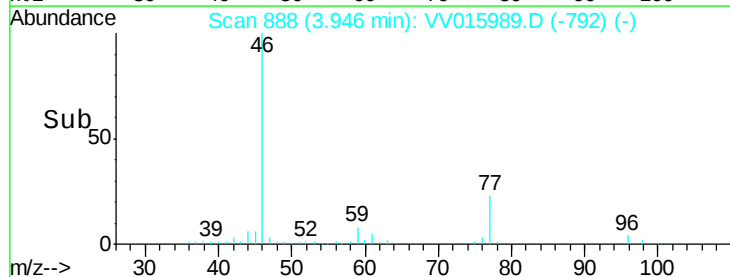
1000

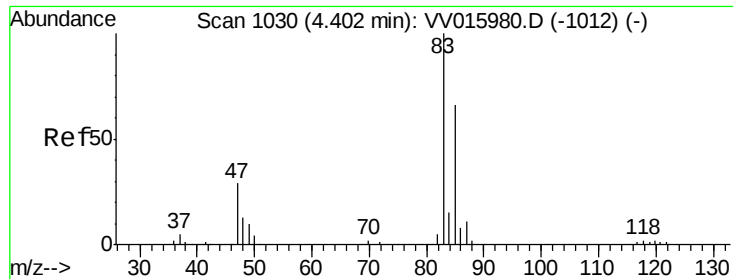
500

0

Time-->

3.90 3.95 4.00

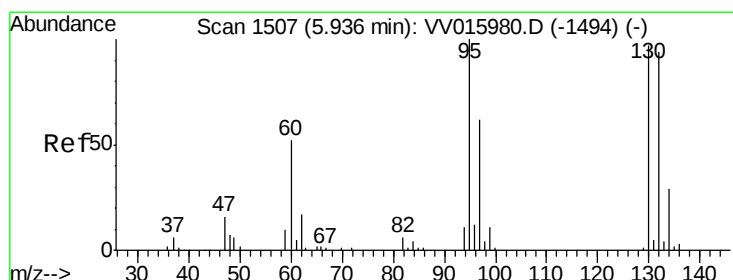
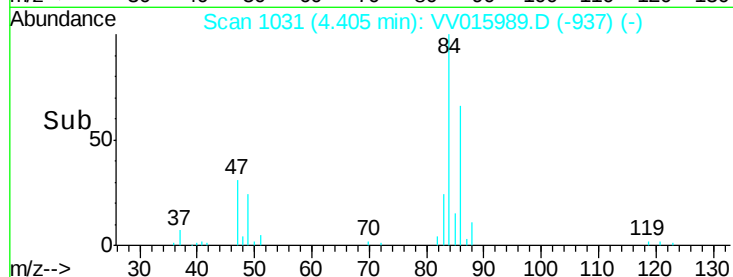
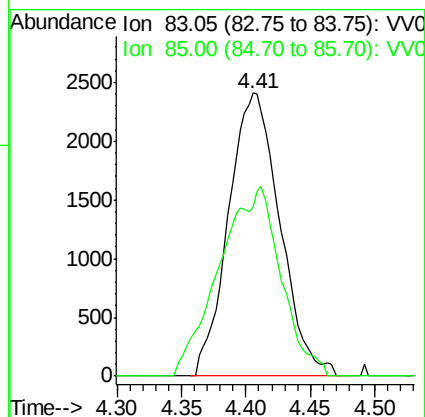
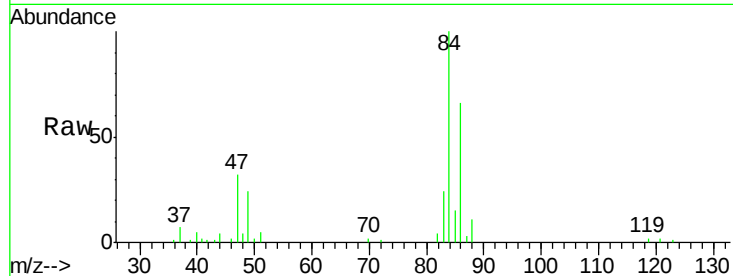




#25
Chloroform
Concen: 0.370 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015989.D
Acq: 11 May 2020 15:01

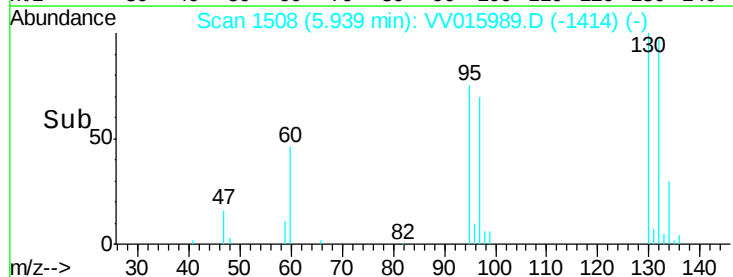
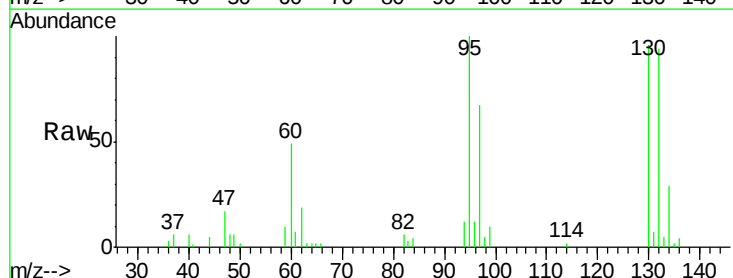
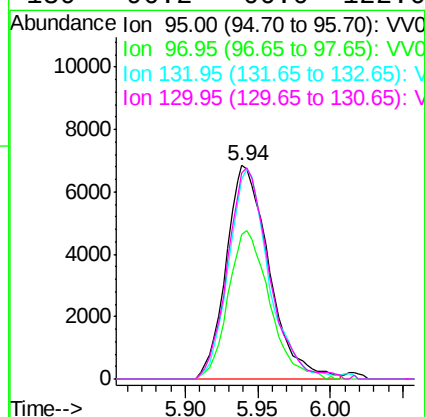
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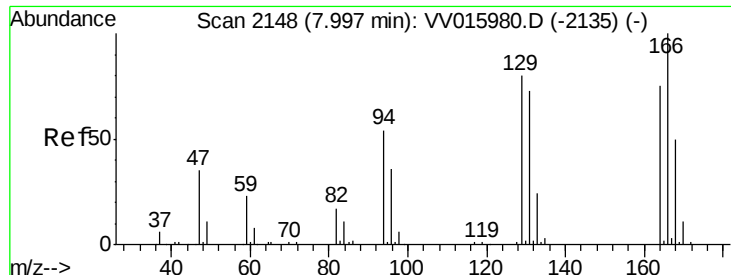
Tot Ion: 83 Resp: 6691
Ion Ratio Lower Upper
83 100
85 59.7 45.7 84.9



#34
Trichloroethene
Concen: 1.394 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV015989.D
Acq: 11 May 2020 15:01

Tgt Ion: 95 Resp: 14092
Ion Ratio Lower Upper
95 100
97 67.5 43.3 80.5
132 93.8 60.3 112.1
130 96.2 66.0 122.6





#49

Tetrachloroethene

Concen: 9.975 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015989.D

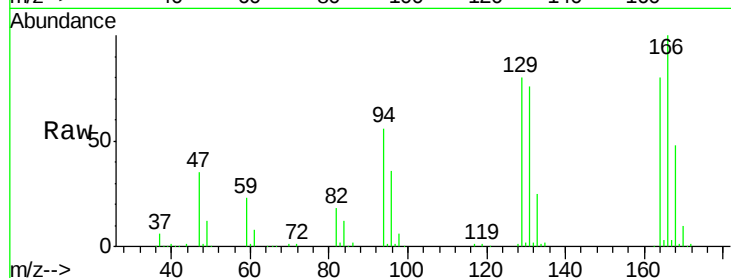
Acq: 11 May 2020 15:01

Instrument :

MSVOA_V

ClientSampleId :

H41Z1



Tot Ion:164 Resp: 70337

Ion Ratio Lower Upper

164 100

129 101.0 69.7 129.4

131 95.9 66.8 124.2

166 125.5 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

