

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051220\
 Data File : VV016014.D
 Acq On : 12 May 2020 15:06
 Operator : SY/MD
 Sample : L2541-17
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4254

Manual Integrations
 APPROVED

sam
 5/13/2020 1:58:14 PM

Quant Time: May 13 07:49:42 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	138038	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	139011	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	62551	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30531	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.58	69	32536	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.12	63	52485	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	3.94	46	108477	50.78	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.56%
24) Chloroform-d	4.38	84	73875	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.06	65	47129	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.08	84	155236	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.10	67	51115	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.34	98	133701	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
45) trans-1,3-Dichloropropene-	7.65	79	12317	3.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.20%
48) 2-Hexanone-d5	8.12	63	71164	40.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.76%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35320	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	51742	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	2009	0.190 ug/L	97
13) Acetone	2.22	43	5570m	3.953 ug/L	
17) Methyl tert-butyl Ether	2.79	73	93549	4.739 ug/L	99
22) cis-1,2-Dichloroethene	3.95	96	3958	0.450 ug/L	98
25) Chloroform	4.41	83	12988	0.729 ug/L	97
34) Trichloroethene	5.94	95	16684	1.671 ug/L	98
49) Tetrachloroethene	8.00	164	97372	13.979 ug/L	99

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

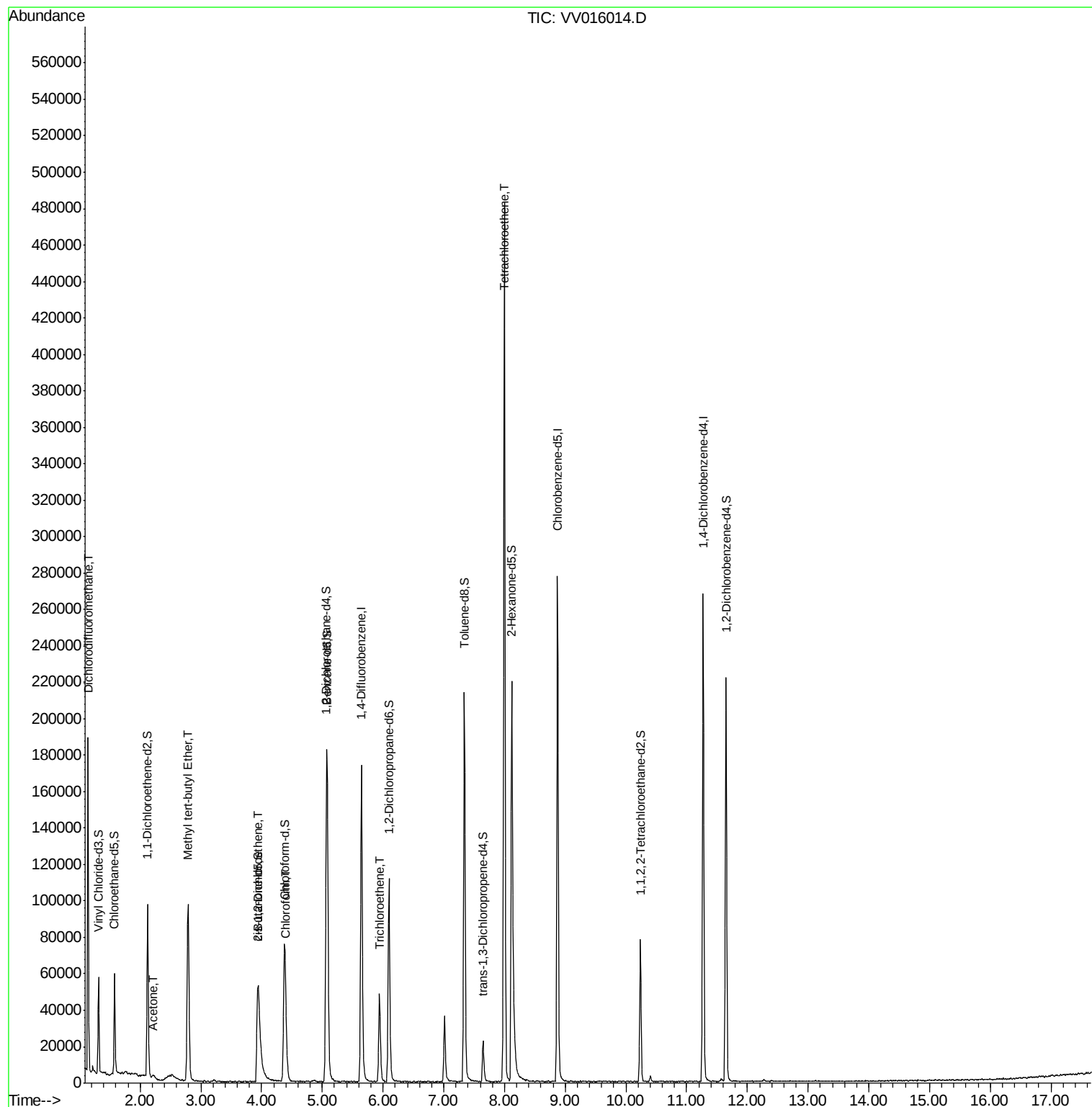
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051220\
Data File : VV016014.D
Acq On : 12 May 2020 15:06
Operator : SY/MD
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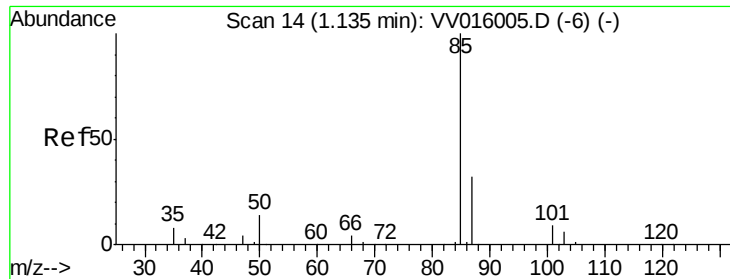
Instrument :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 13 06:55:36 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.190 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.01 min

Lab File: VV016014.D

Acq: 12 May 2020 15:06

Instrument :

MSVOA_V

ClientSampled :

H4254

Tot Ion: 85 Resp: 2009

Ion Ratio Lower Upper

85 100

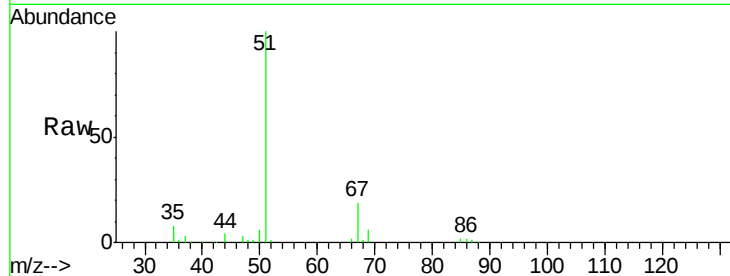
87 34.9 26.4 39.6

Manual Integrations

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Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0

1.14

2000

1500

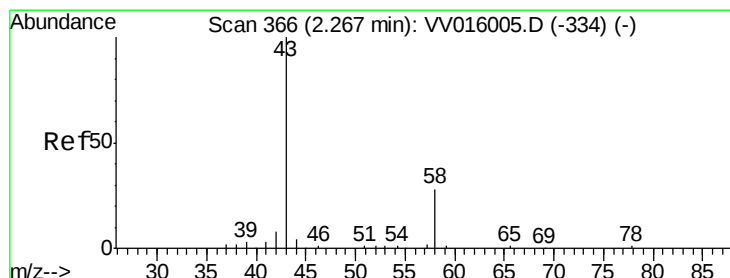
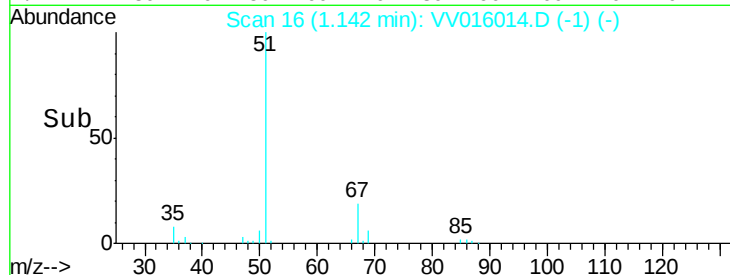
1000

500

0

1.12 1.14 1.16

Time-->



#13

Acetone

Concen: 3.953 ug/L m

RT: 2.22 min Scan# 352

Delta R.T. -0.05 min

Lab File: VV016014.D

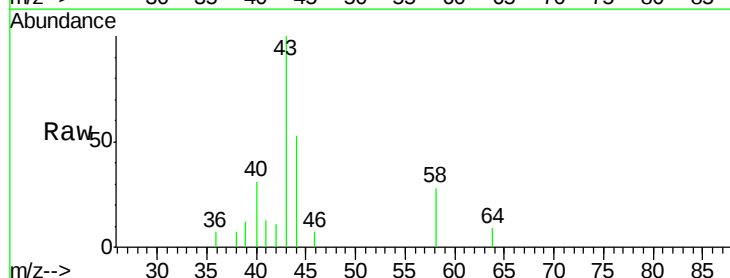
Acq: 12 May 2020 15:06

Tgt Ion: 43 Resp: 5570

Ion Ratio Lower Upper

43 100

58 1.3 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.22

1500

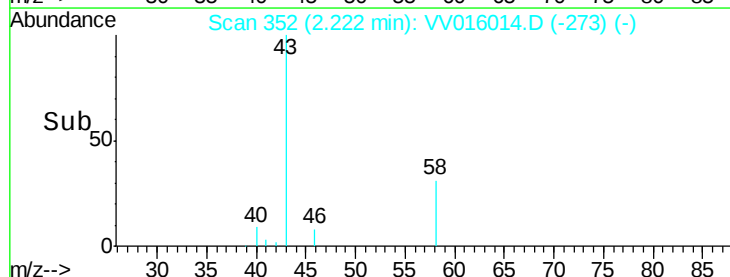
1000

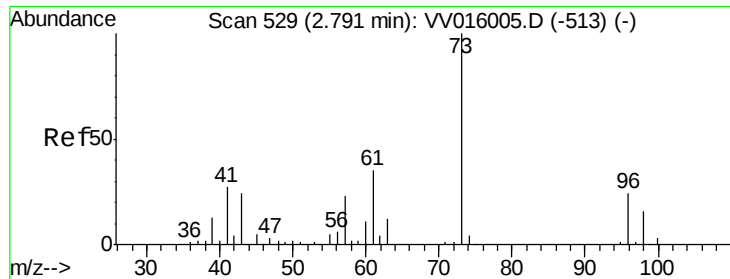
500

0

2.15 2.20 2.25 2.30

Time-->





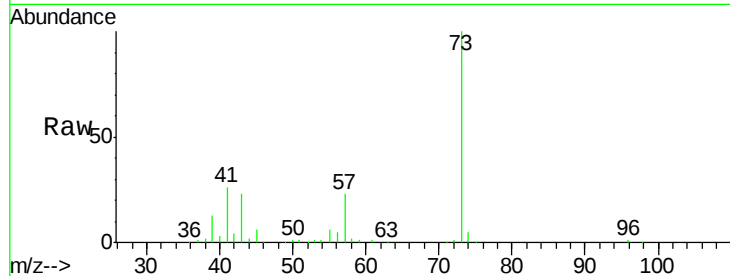
#17
Methvl tert-butvl Ether
Concen: 4.739 ug/L
RT: 2.79 min Scan# 528
Delta R.T. -0.00 min
Lab File: VV016014.D
Acq: 12 May 2020 15:06

Instrument :
MSVOA_V
ClientSampled :
H4254

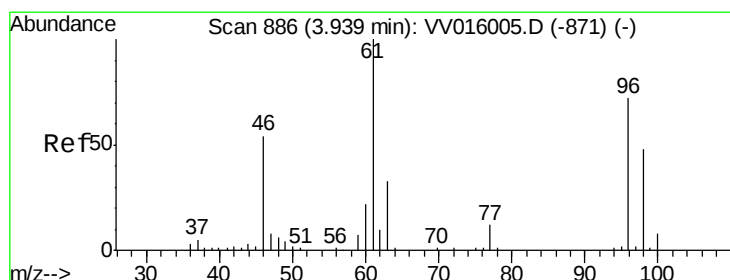
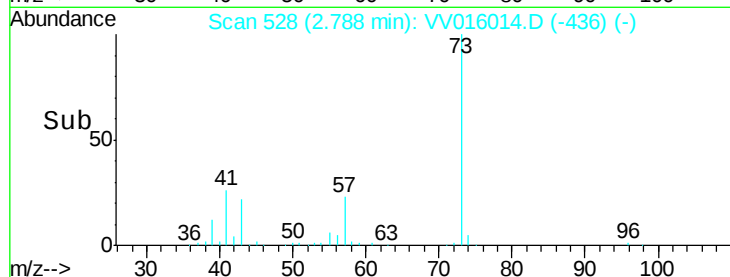
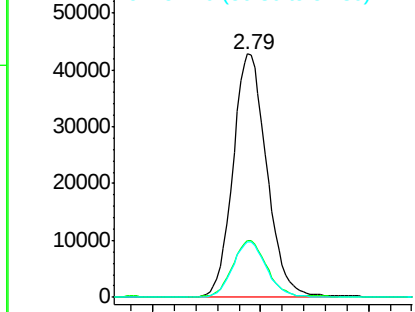
Tot Ion:	73	Resp:	93549
Ion	Ratio	Lower	Upper
73	100		
43	23.8	18.8	28.2
57	22.8	17.8	26.6

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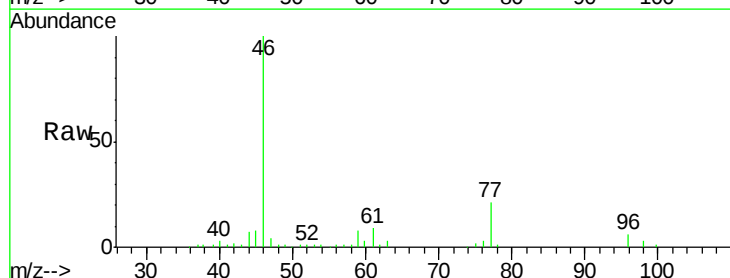


Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0

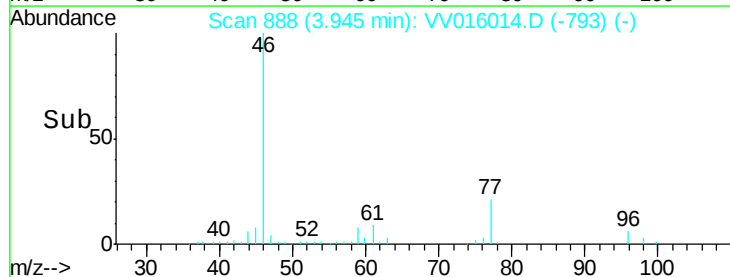
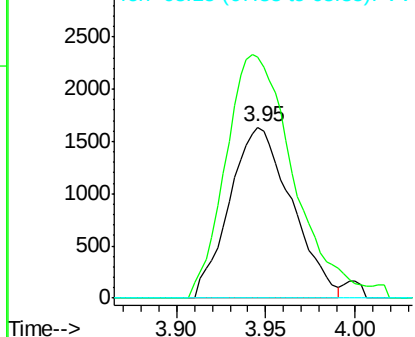


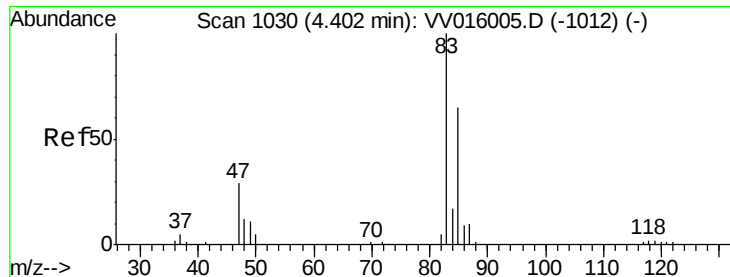
#22
cis-1,2-Dichloroethene
Concen: 0.450 ug/L
RT: 3.95 min Scan# 888
Delta R.T. 0.01 min
Lab File: VV016014.D
Acq: 12 May 2020 15:06

Tgt Ion:	96	Resp:	3958
Ion	Ratio	Lower	Upper
96	100		
61	141.0	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





#25

Chloroform

Concen: 0.729 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV016014.D

Acq: 12 May 2020 15:06

Instrument :

MSVOA_V

ClientSampleId :

H4254

Tot Ion: 83 Resp: 12988

Ion Ratio Lower Upper

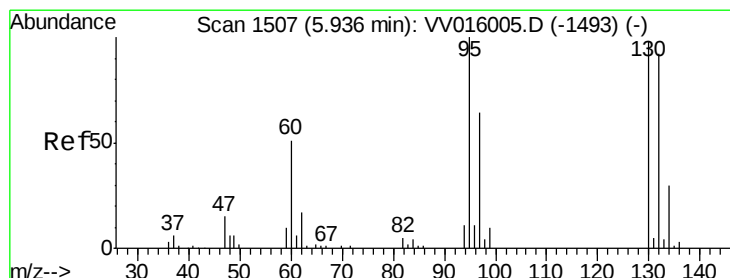
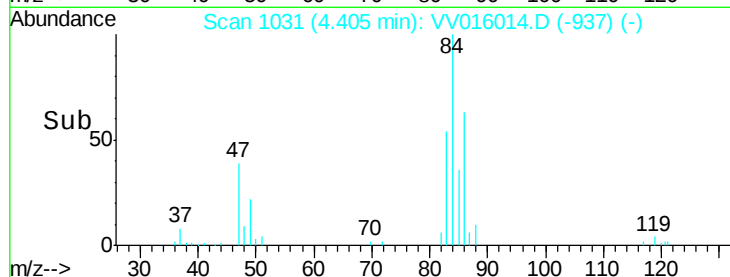
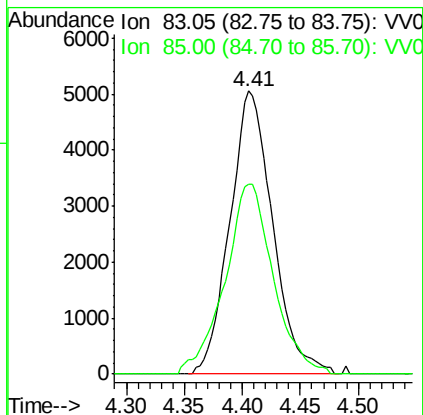
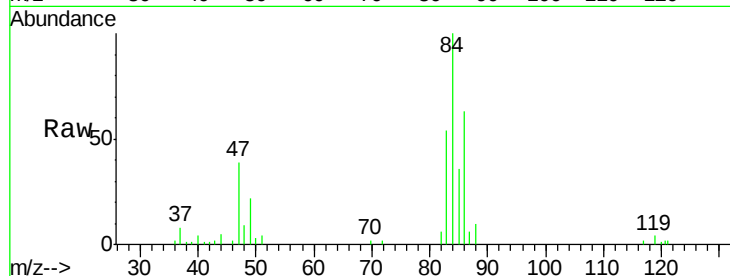
83 100

85 67.3 45.7 84.9

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#34

Trichloroethene

Concen: 1.671 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV016014.D

Acq: 12 May 2020 15:06

Tgt Ion: 95 Resp: 16684

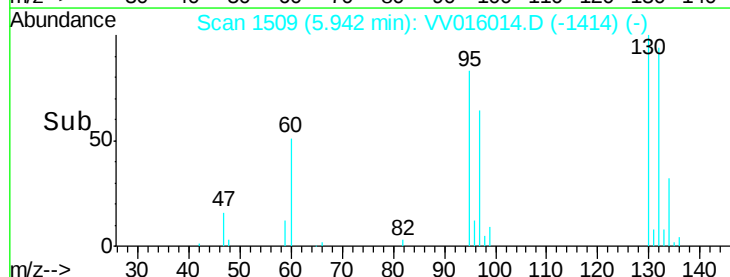
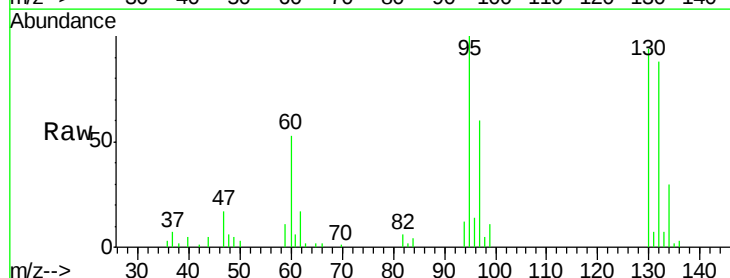
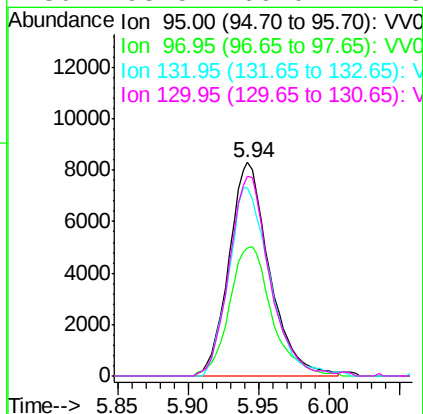
Ion Ratio Lower Upper

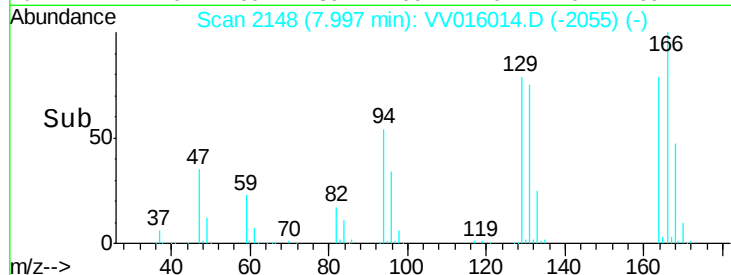
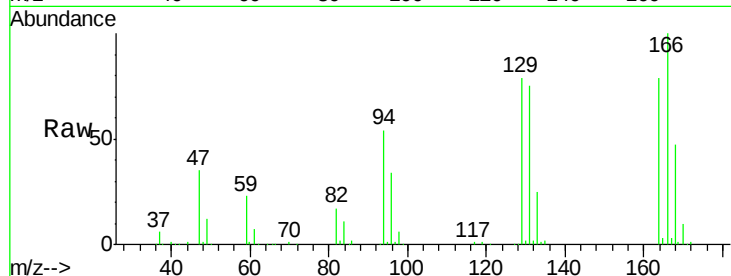
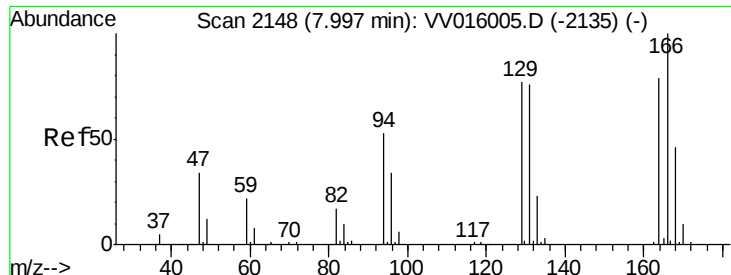
95 100

97 60.2 43.3 80.5

132 88.0 60.3 112.1

130 93.5 66.0 122.6





#49

Tetrachloroethene

Concen: 13.979 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV016014.D

Acq: 12 May 2020 15:06

Tot Ion:164 Resp: 97372

Ion Ratio Lower Upper

164 100

129 101.0 69.7 129.4

131 95.7 66.8 124.2

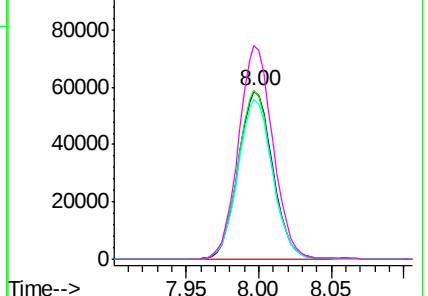
166 127.3 89.1 165.5

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



Instrument :

MSVOA_V

ClientSampleId :

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