

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051220\
 Data File : VV016013.D
 Acq On : 12 May 2020 14:43
 Operator : SY/MD
 Sample : L2541-16
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4253

Quant Time: May 13 07:45:49 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	136590	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	135569	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	60952	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30709	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.58	69	30901	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.12	63	51210	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	3.93	46	105032	49.69	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.38%
24) Chloroform-d	4.38	84	70427	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.06	65	46056	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.08	84	151554	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.10	67	49492	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.34	98	132139	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
45) trans-1,3-Dichloropropene-	7.65	79	11479	2.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.40%
48) 2-Hexanone-d5	8.12	63	67993	40.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.10%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	34428	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	49082	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

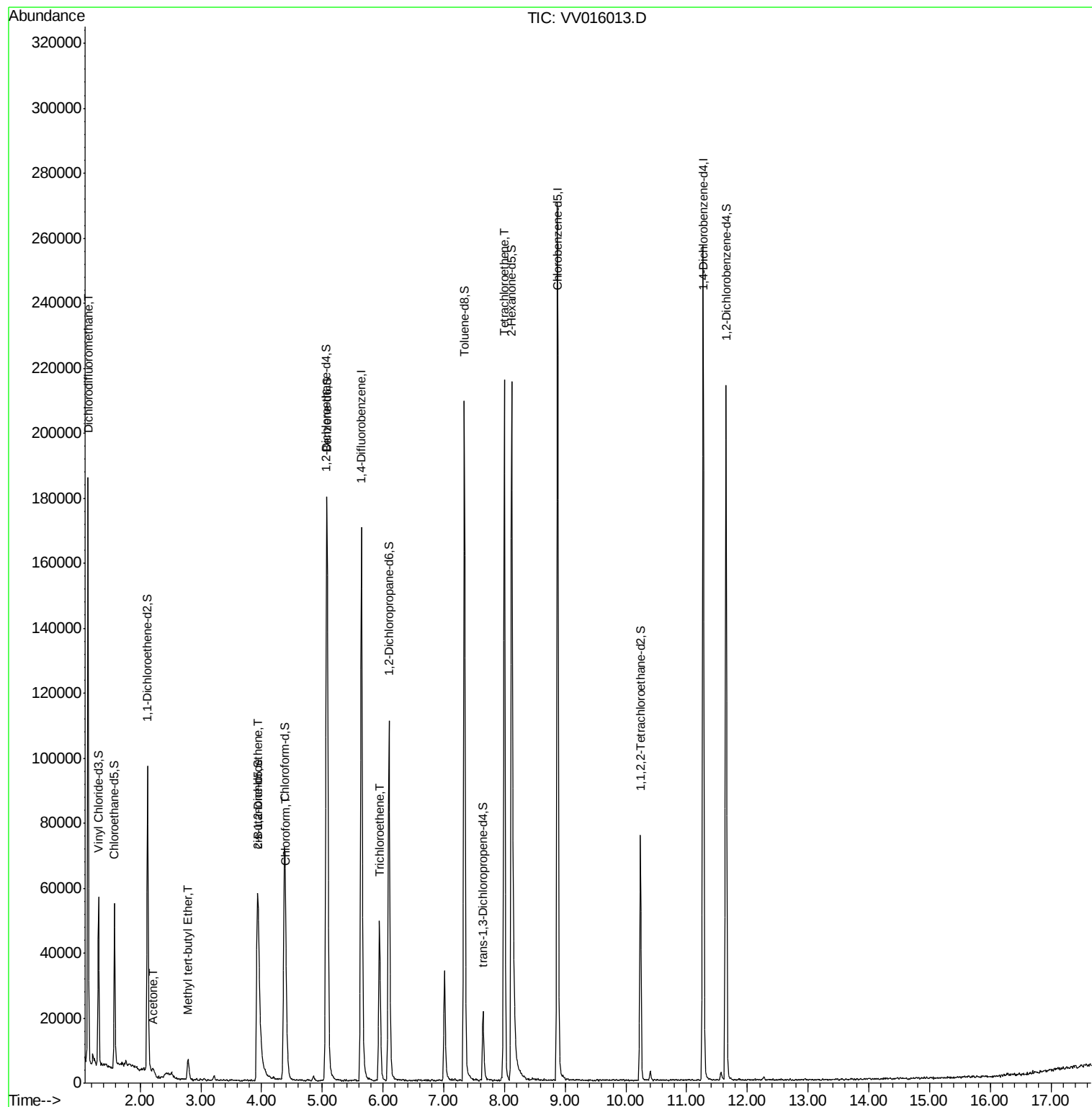
					Ovalue
2) Dichlorodifluoromethane	1.14	85	1843	0.176 ug/L	89
13) Acetone	2.22	43	4575	3.281 ug/L	81
17) Methyl tert-butyl Ether	2.79	73	4846	0.248 ug/L #	93
22) cis-1,2-Dichloroethene	3.94	96	5902	0.679 ug/L	97
25) Chloroform	4.41	83	14190	0.805 ug/L	97
34) Trichloroethene	5.94	95	17240	1.771 ug/L	97
49) Tetrachloroethene	8.00	164	43854	6.456 ug/L	97

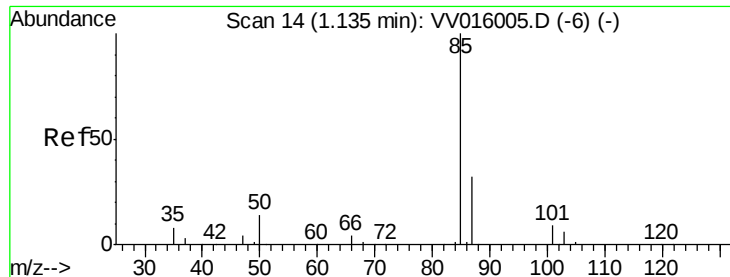
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.176 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.01 min

Lab File: VV016013.D

Acq: 12 May 2020 14:43

Instrument :

MSVOA_V

ClientSampleId :

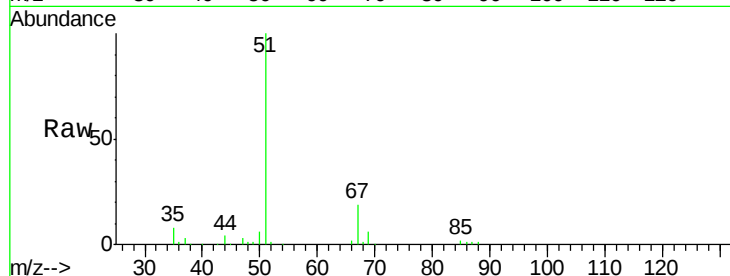
H4253

Tot Ion: 85 Resp: 1843

Ion Ratio Lower Upper

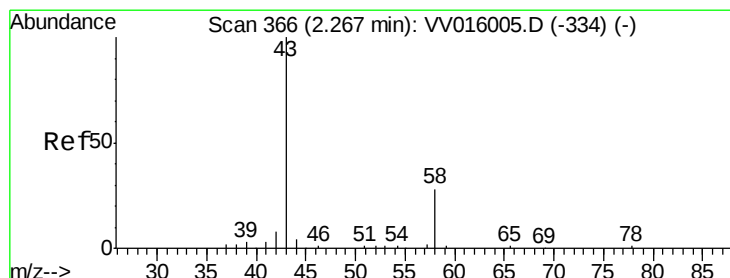
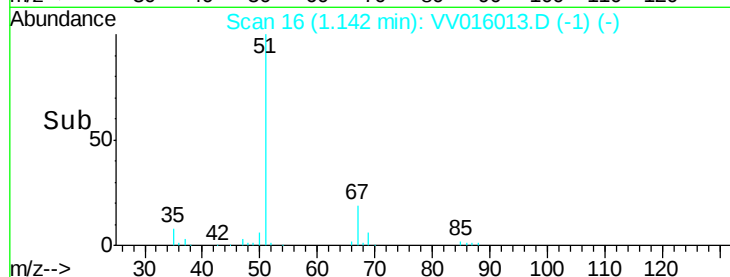
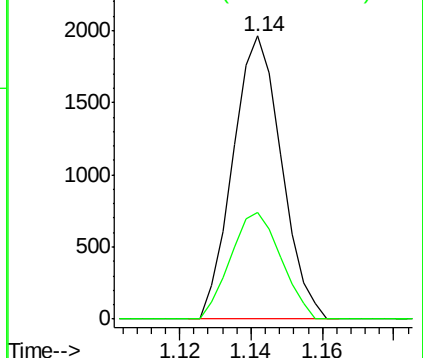
85 100

87 39.2 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#13

Acetone

Concen: 3.281 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.05 min

Lab File: VV016013.D

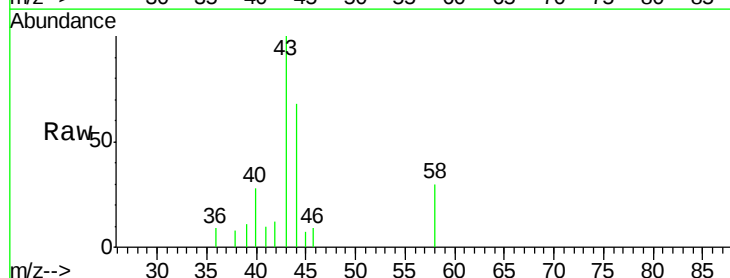
Acq: 12 May 2020 14:43

Tgt Ion: 43 Resp: 4575

Ion Ratio Lower Upper

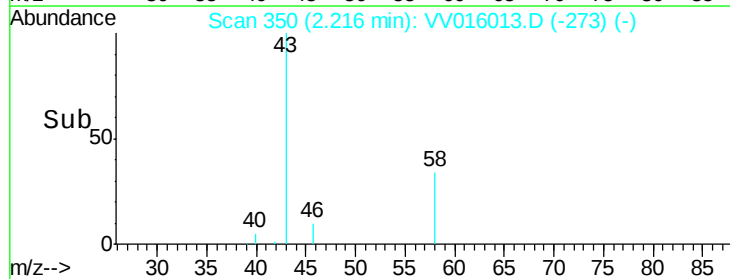
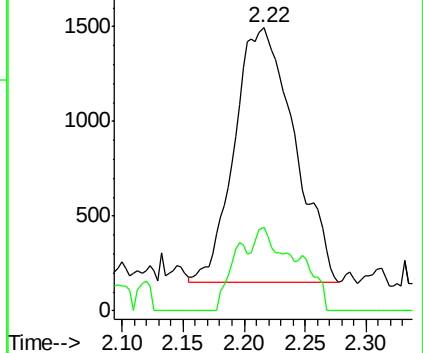
43 100

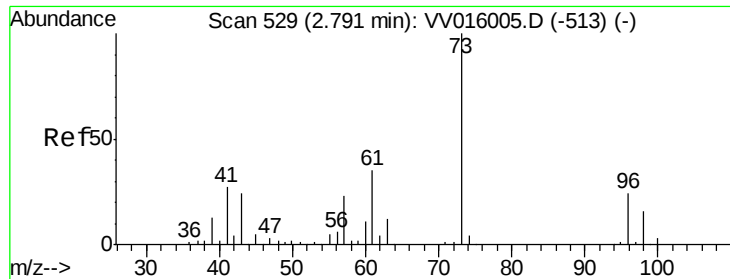
58 7.6 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

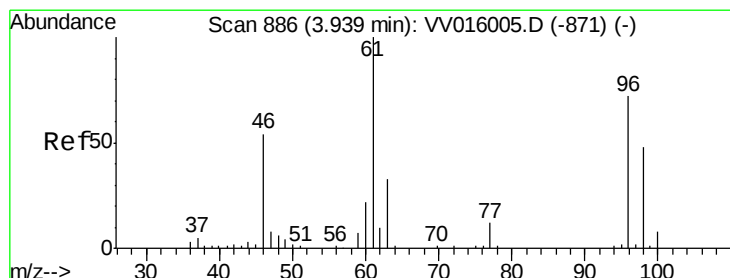
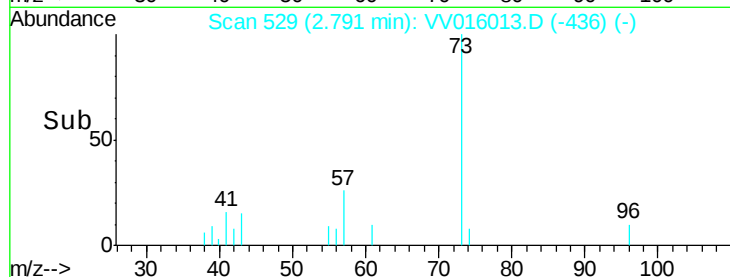
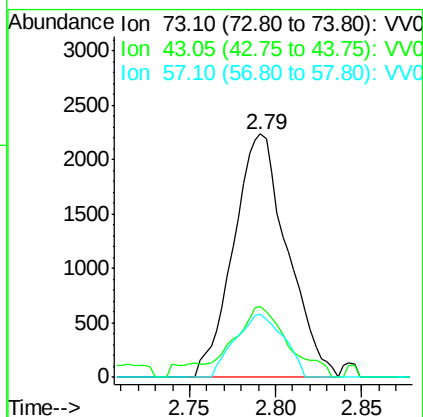
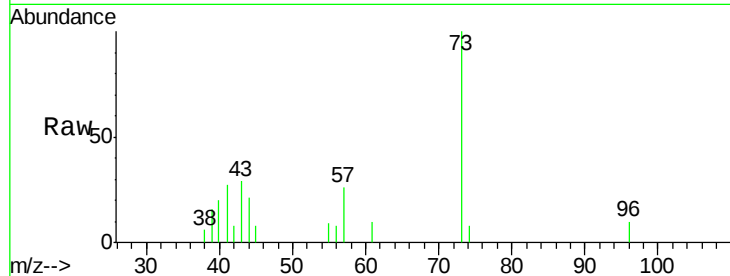




#17
Methvl tert-butvl Ether
Concen: 0.248 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV016013.D
Acq: 12 May 2020 14:43

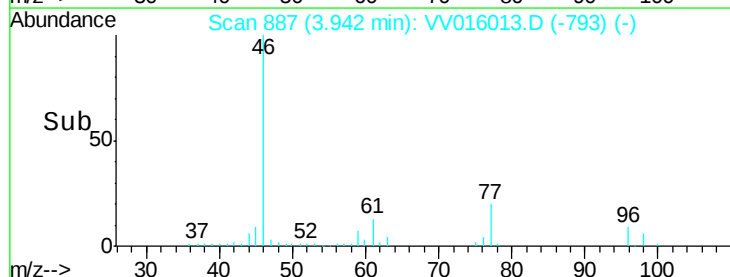
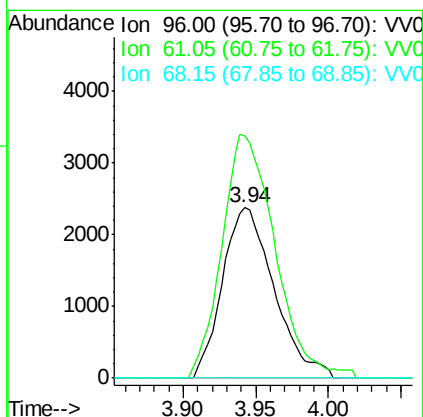
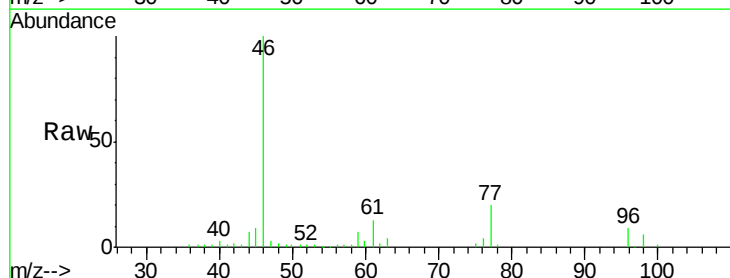
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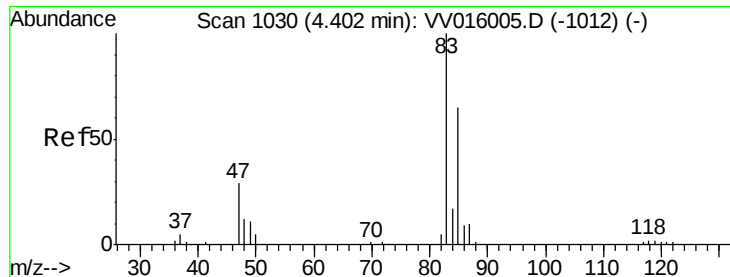
Tot Ion: 73 Resp: 4846
Ion Ratio Lower Upper
73 100
43 28.9 18.8 28.2#
57 23.3 17.8 26.6



#22
cis-1,2-Dichloroethene
Concen: 0.679 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.00 min
Lab File: VV016013.D
Acq: 12 May 2020 14:43

Tgt Ion: 96 Resp: 5902
Ion Ratio Lower Upper
96 100
61 142.2 97.2 180.6
68 0.0 0.0 0.0

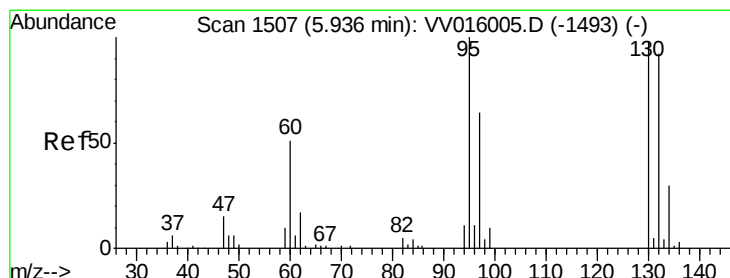
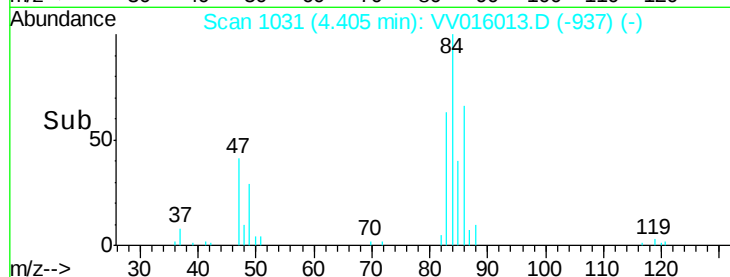
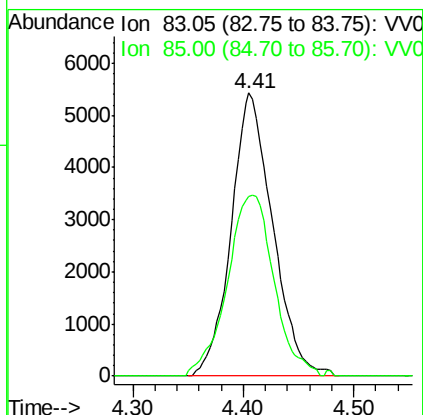
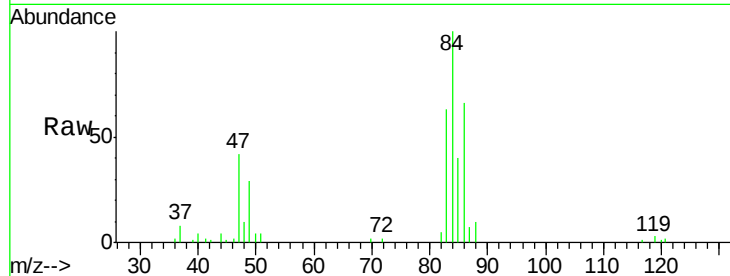




#25
Chloroform
Concen: 0.805 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV016013.D
Acq: 12 May 2020 14:43

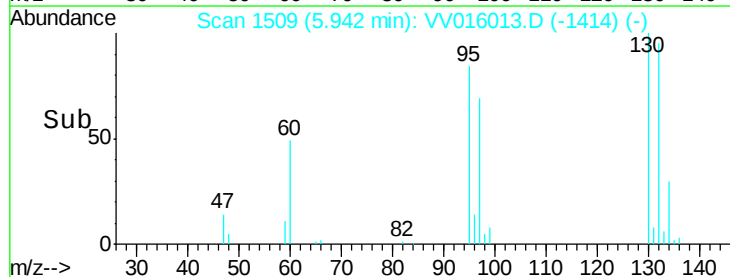
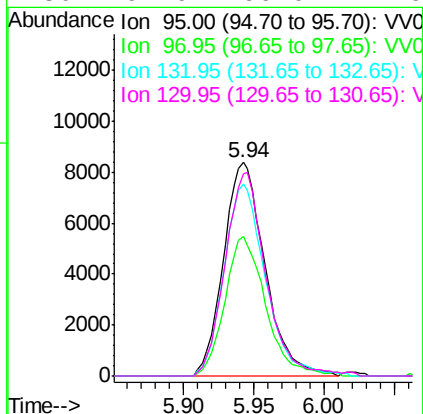
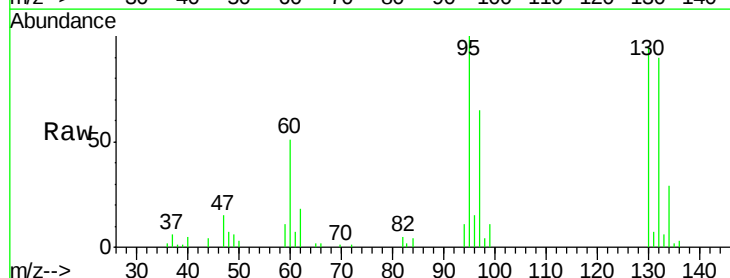
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MSVOA_V
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H4253

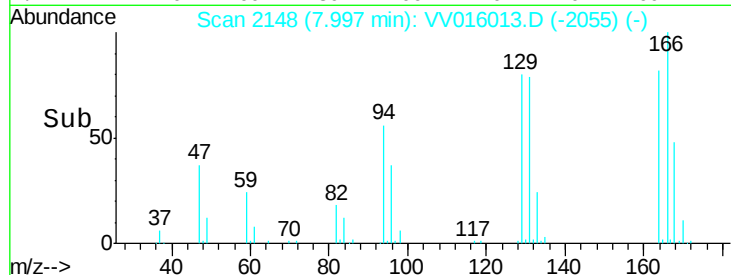
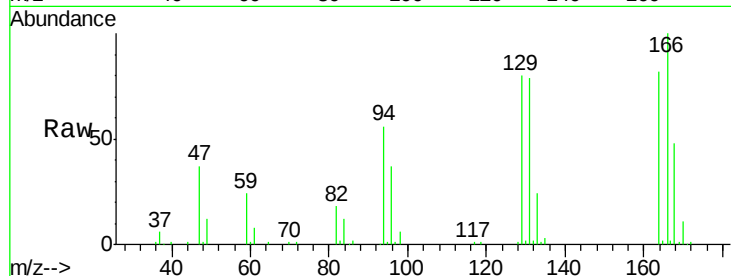
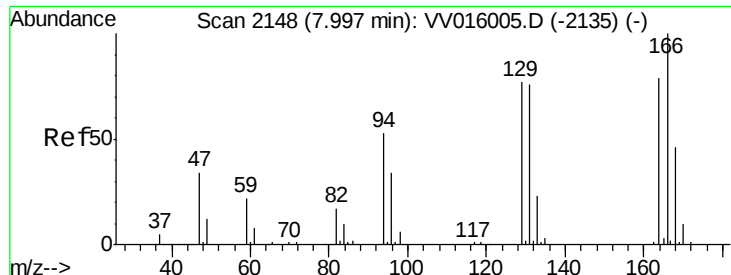
Tot Ion: 83 Resp: 14190
Ion Ratio Lower Upper
83 100
85 63.3 45.7 84.9



#34
Trichloroethene
Concen: 1.771 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV016013.D
Acq: 12 May 2020 14:43

Tgt Ion: 95 Resp: 17240
Ion Ratio Lower Upper
95 100
97 65.2 43.3 80.5
132 90.0 60.3 112.1
130 94.9 66.0 122.6





#49

Tetrachloroethene

Concen: 6.456 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016013.D

Acq: 12 May 2020 14:43

Instrument :

MSVOA_V

ClientSampleId :

H4253

Tot Ion:164 Resp: 43854

Ion Ratio Lower Upper

164 100

129 96.9 69.7 129.4

131 95.7 66.8 124.2

166 121.2 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

