

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051420\
 Data File : VV016061.D
 Acq On : 14 May 2020 11:28
 Operator : SY/MD
 Sample : L2598-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4235

Quant Time: May 15 07:09:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 15 06:27:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	161483	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	158759	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	69509	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	47092	5.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.60%
7) Chloroethane-d5	1.58	69	45858	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.40%
11) 1,1-Dichloroethene-d2	2.12	63	71084	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	3.93	46	132548	53.04	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.08%
24) Chloroform-d	4.38	84	93692	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.06	65	55897	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.08	84	192541	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.10	67	61057	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.34	98	167367	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
45) trans-1,3-Dichloropropene-	7.65	79	20740	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
48) 2-Hexanone-d5	8.11	63	100884	50.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.48%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	41898	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	62900	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

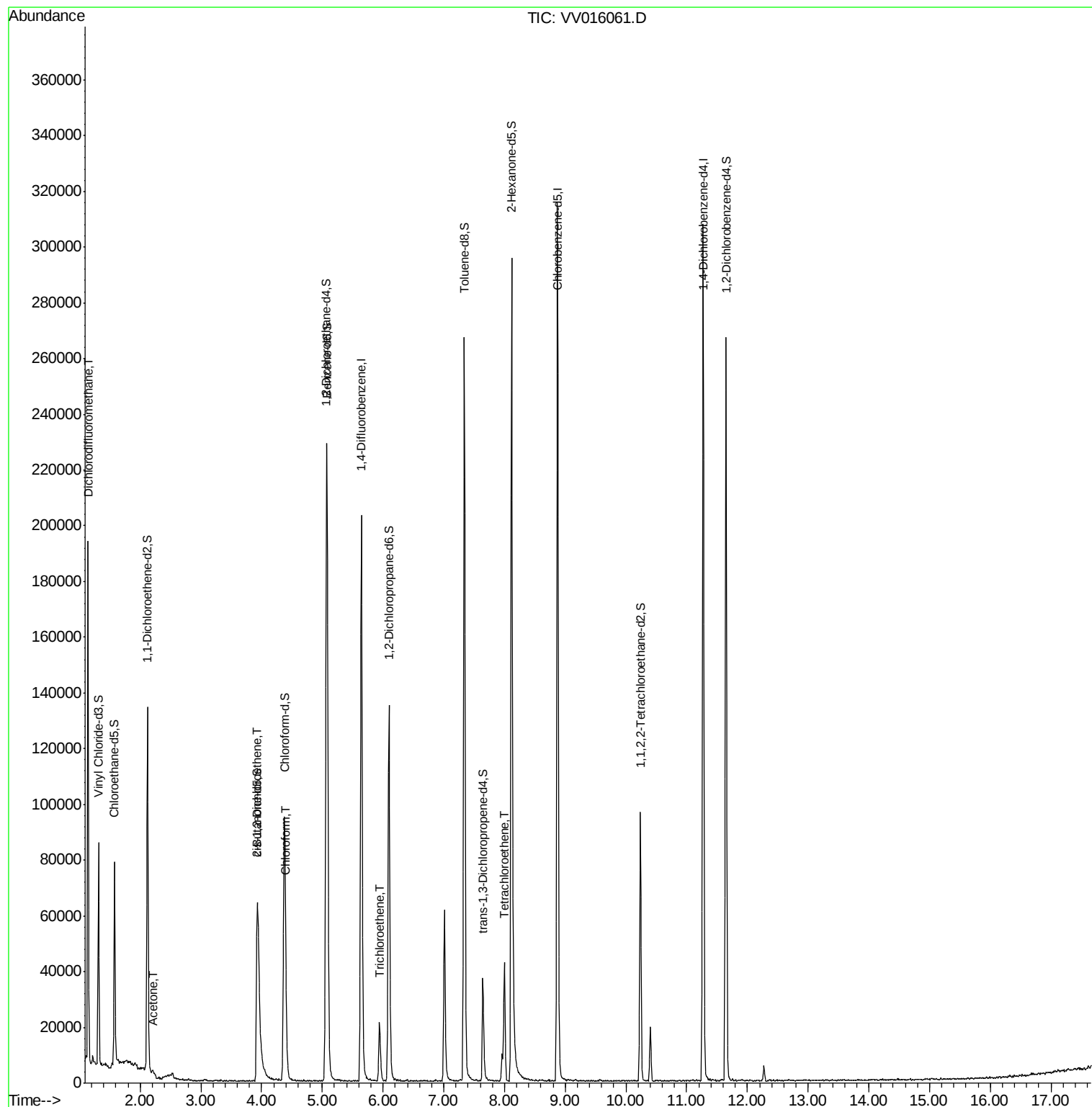
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	1953	0.158	ug/L	# 87
13) Acetone	2.21	43	4544	2.756	ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	2553	0.248	ug/L	93
25) Chloroform	4.41	83	9366	0.450	ug/L	98
34) Trichloroethene	5.94	95	7347	0.644	ug/L	93
49) Tetrachloroethene	8.00	164	9114	1.146	ug/L	96

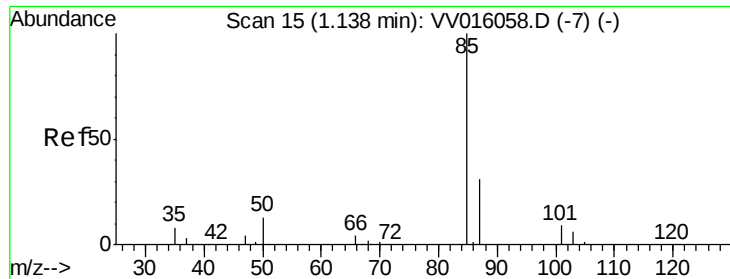
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.158 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV016061.D

Acq: 14 May 2020 11:28

Instrument :

MSVOA_V

ClientSampleId :

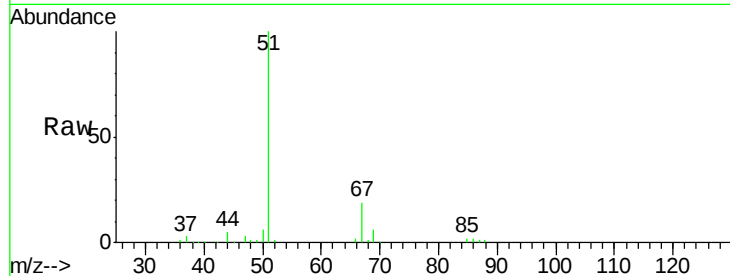
H4235

Tot Ion: 85 Resp: 1953

Ion Ratio Lower Upper

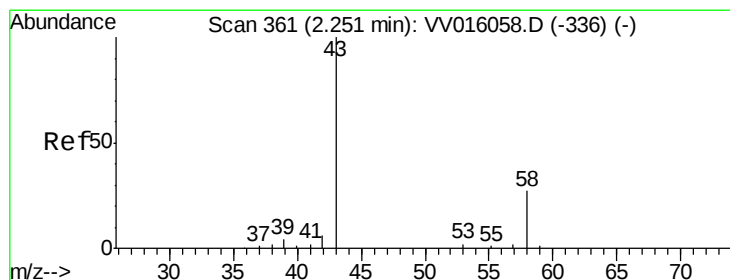
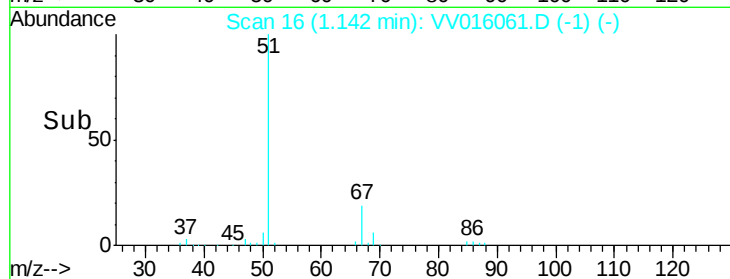
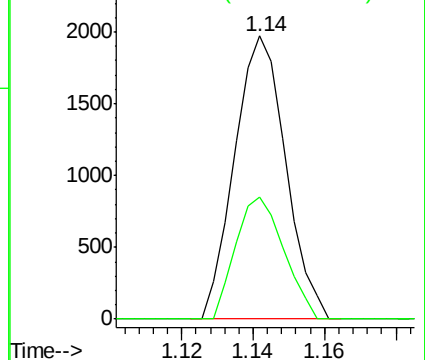
85 100

87 40.6 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: 2.756 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.04 min

Lab File: VV016061.D

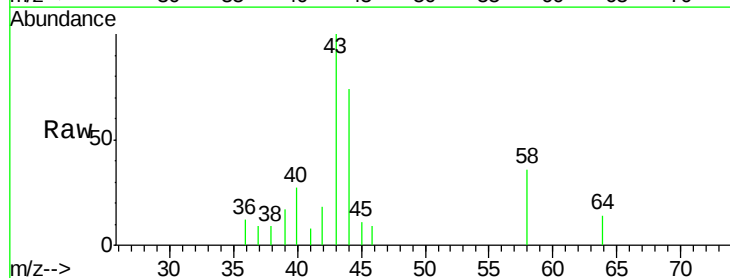
Acq: 14 May 2020 11:28

Tgt Ion: 43 Resp: 4544

Ion Ratio Lower Upper

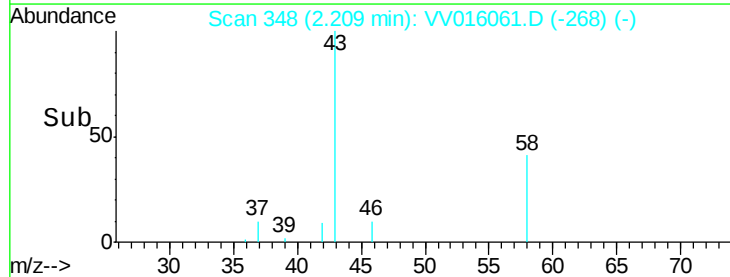
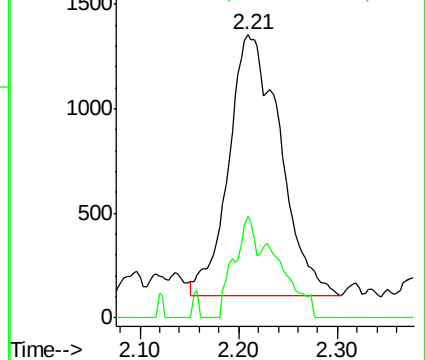
43 100

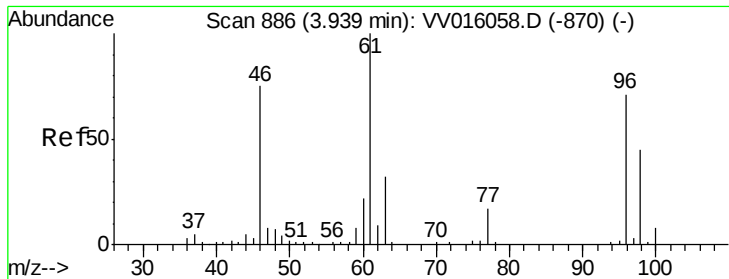
58 16.2 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



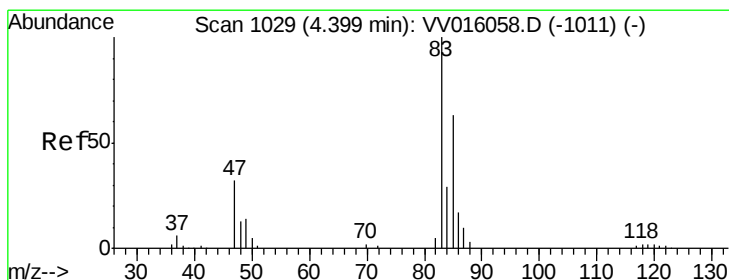
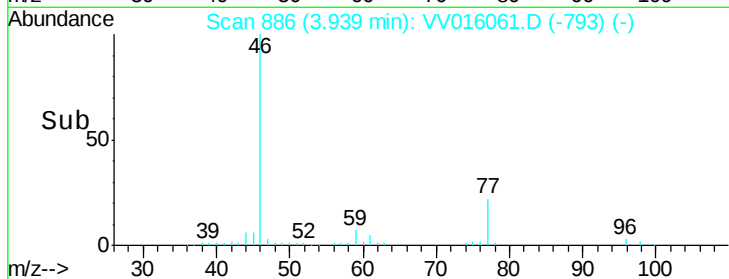
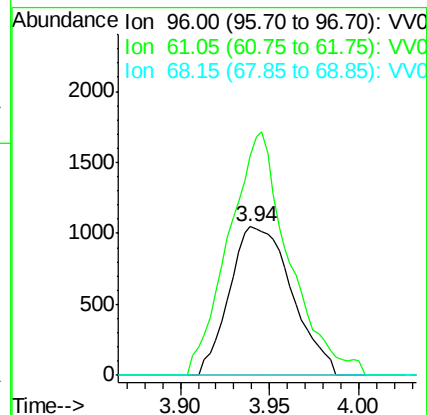
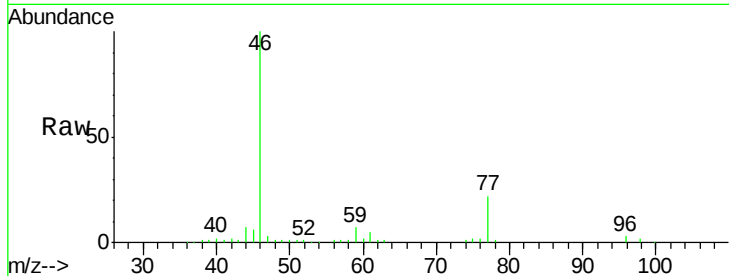


#22

cis-1,2-Dichloroethene
Concen: 0.248 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV016061.D
Acq: 14 May 2020 11:28

Instrument :
MSVOA_V
ClientSampled :
H4235

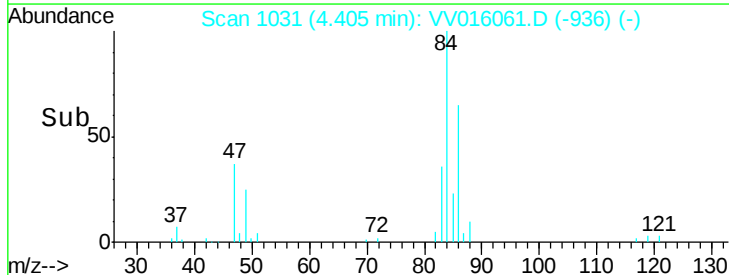
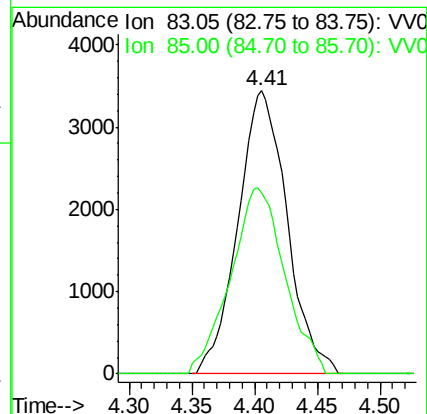
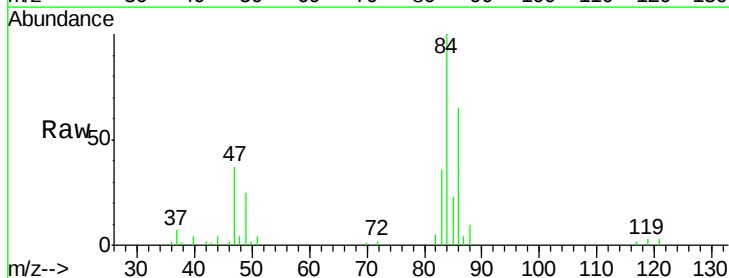
Tot Ion: 96 Resp: 2553
Ion Ratio Lower Upper
96 100
61 147.4 97.2 180.6
68 0.0 0.0 0.0

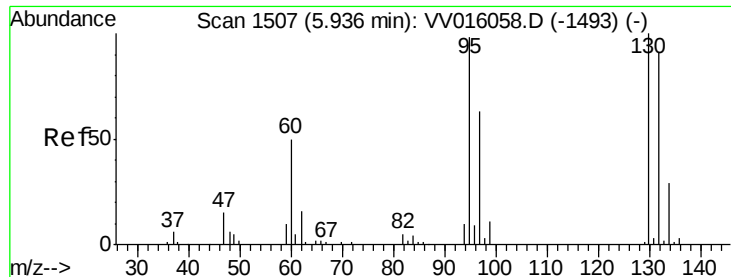


#25

Chloroform
Concen: 0.450 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV016061.D
Acq: 14 May 2020 11:28

Tgt Ion: 83 Resp: 9366
Ion Ratio Lower Upper
83 100
85 63.7 45.7 84.9





#34

Trichloroethene

Concen: 0.644 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV016061.D

Acq: 14 May 2020 11:28

Instrument :

MSVOA_V

ClientSampled :

H4235

Tot Ion: 95 Resp: 7347

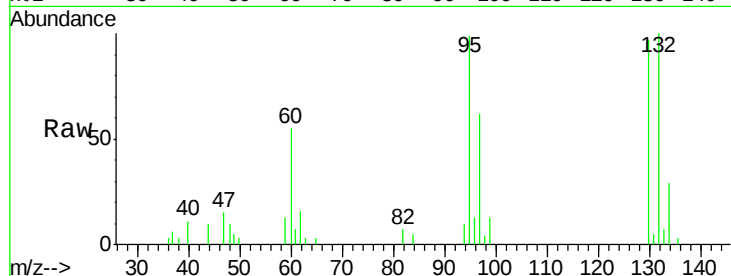
Ion Ratio Lower Upper

95 100

97 62.7 43.3 80.5

132 101.0 60.3 112.1

130 97.5 66.0 122.6

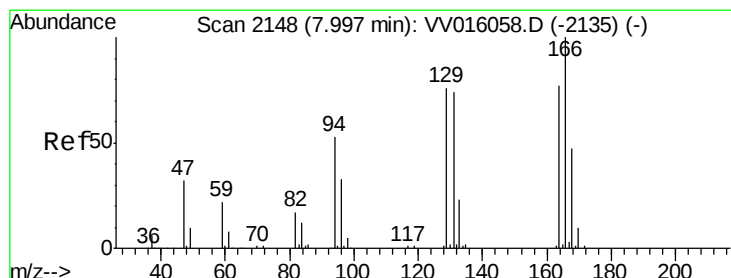
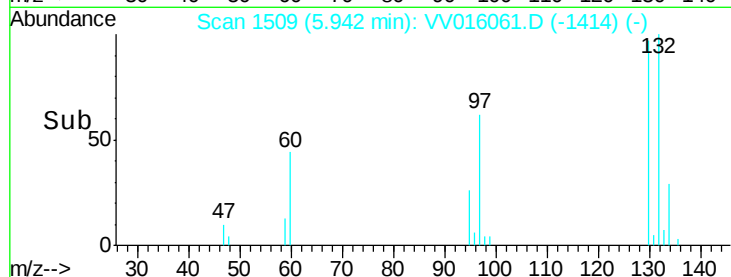
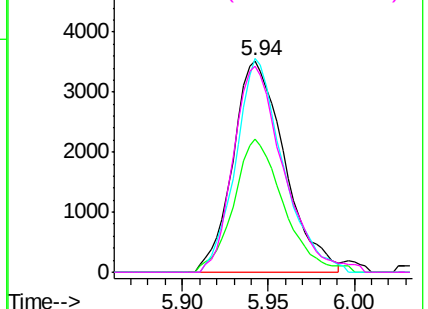


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#49

Tetrachloroethene

Concen: 1.146 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016061.D

Acq: 14 May 2020 11:28

Tgt Ion: 164 Resp: 9114

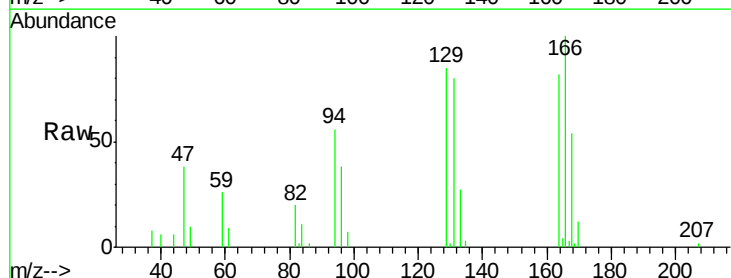
Ion Ratio Lower Upper

164 100

129 104.2 69.7 129.4

131 98.1 66.8 124.2

166 122.6 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

