

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061820\
 Data File : VV016973.D
 Acq On : 18 Jun 2020 12:51
 Operator : SY/MD
 Sample : L3039-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 19 04:36:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 19 04:33:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	426247	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	406984	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	207405	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95827	31.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.72%
7) Chloroethane-d5	1.58	69	73614	40.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.58%
11) 1,1-Dichloroethene-d2	2.12	63	151668	30.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.06%
21) 2-Butanone-d5	3.90	46	181692	81.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.62%
24) Chloroform-d	4.38	84	236922	38.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.48%
26) 1,2-Dichloroethane-d4	5.06	65	178616	42.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.88%
32) Benzene-d6	5.08	84	478242	40.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.52%
36) 1,2-Dichloropropane-d6	6.09	67	147713	40.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.78%
41) Toluene-d8	7.34	98	444636	41.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	7.64	79	77358	40.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.24%
47) 2-Hexanone-d5	8.11	63	108803	68.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	68.24%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	191366	39.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.06%
64) 1,2-Dichlorobenzene-d4	11.65	152	193847	43.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.60%

Target Compounds

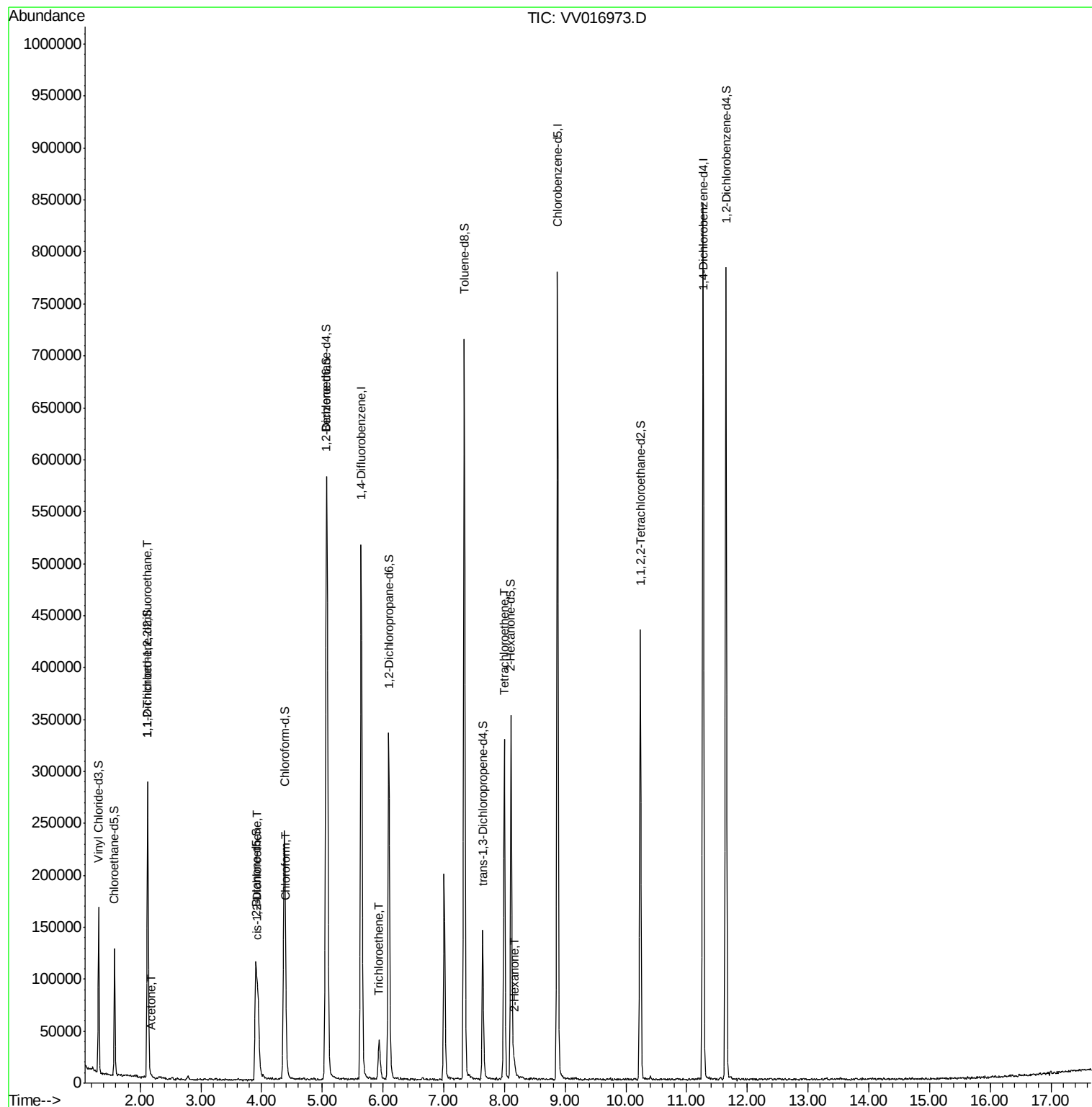
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1456	0.642 ug/L #	19
13) Acetone	2.19	43	2611	1.780 ug/L	93
20) cis-1,2-Dichloroethene	3.94	96	32712	10.402 ug/L	99
25) Chloroform	4.41	83	14319	2.566 ug/L	94
34) Trichloroethene	5.94	95	7847	2.430 ug/L	91
46) Tetrachloroethene	8.00	164	69020	27.174 ug/L	98
48) 2-Hexanone	8.16	43	7940	2.308 ug/L #	50

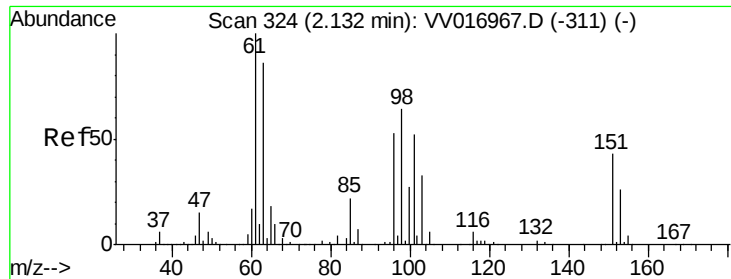
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 19 04:33:43 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.642 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016973.D

Acq: 18 Jun 2020 12:51

Instrument :

MSVOA_V

ClientSampleId :

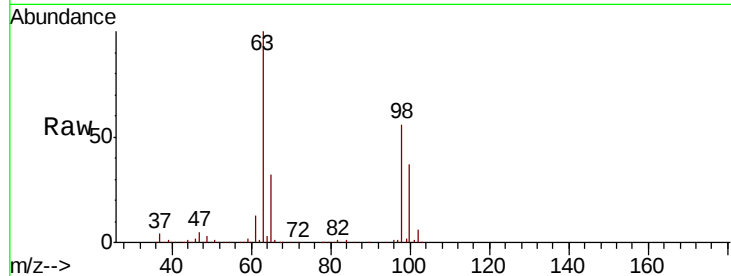
Tot Ion:101 Resp: 1456

Ion Ratio Lower Upper

101 100

85 3.1 35.5 53.3#

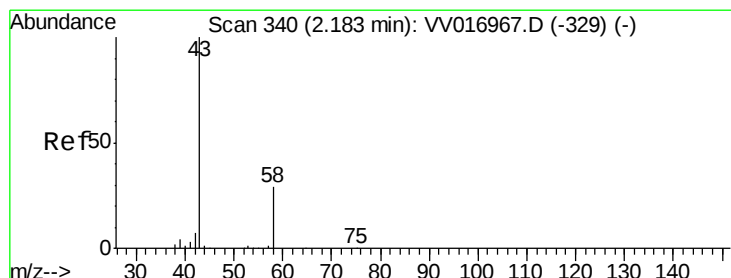
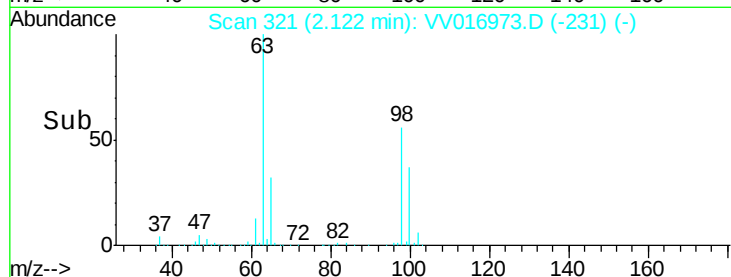
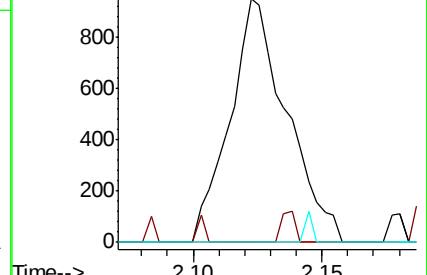
151 0.0 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.780 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV016973.D

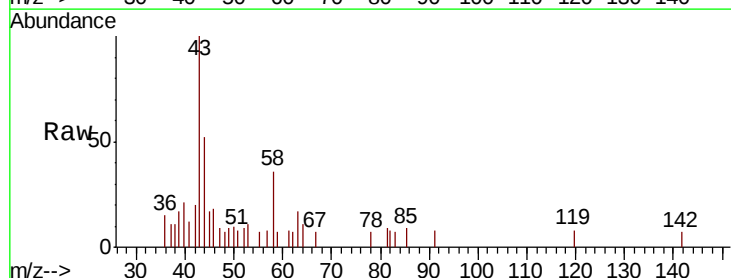
Acq: 18 Jun 2020 12:51

Tgt Ion: 43 Resp: 2611

Ion Ratio Lower Upper

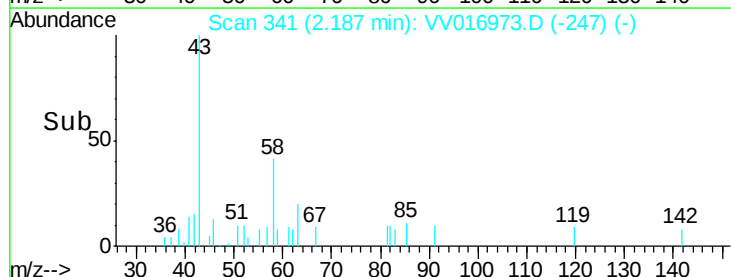
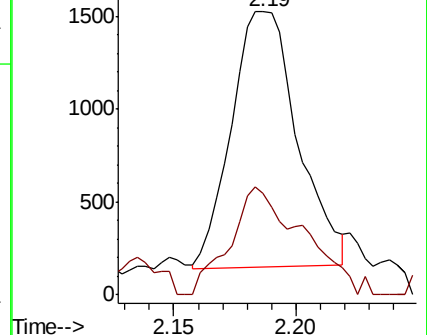
43 100

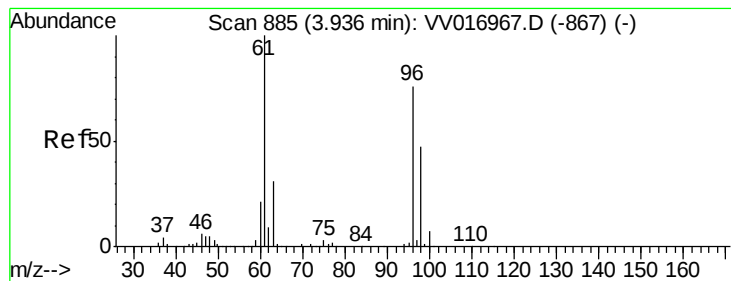
58 31.4 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



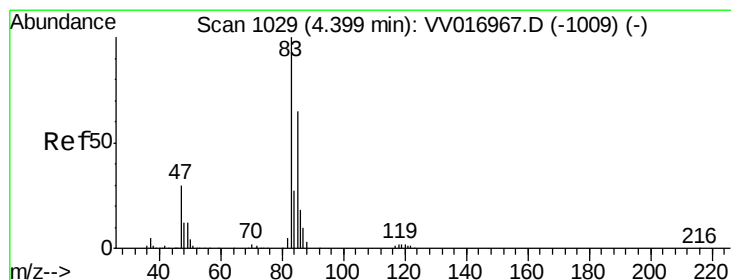
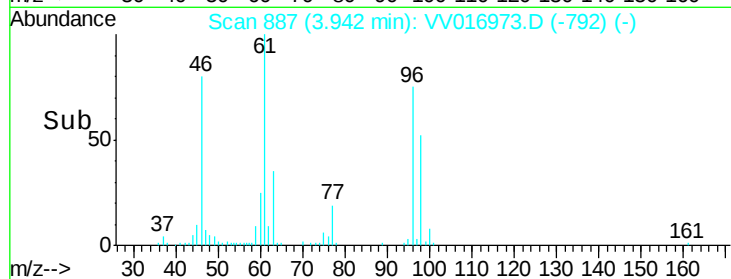
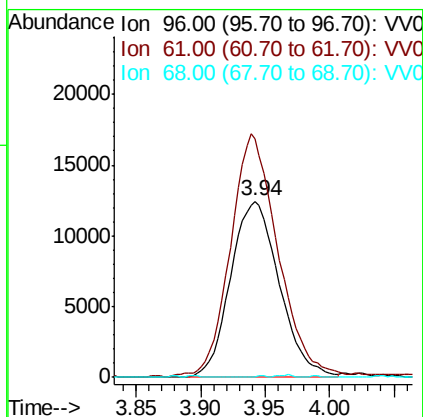
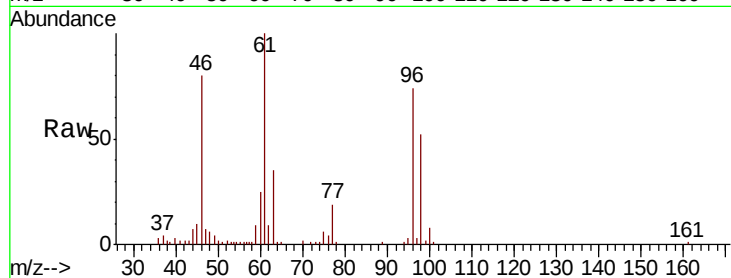


#20

cis-1,2-Dichloroethene
 Concen: 10.402 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV016973.D
 Acq: 18 Jun 2020 12:51

Instrument :
 MSVOA_V
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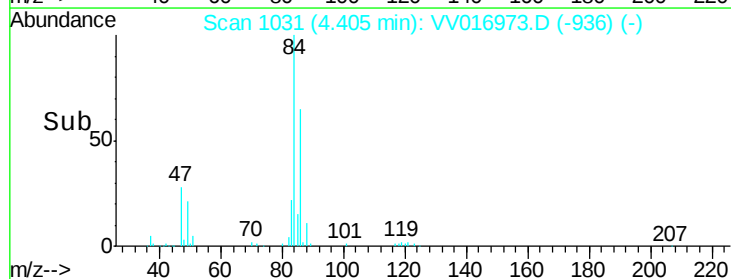
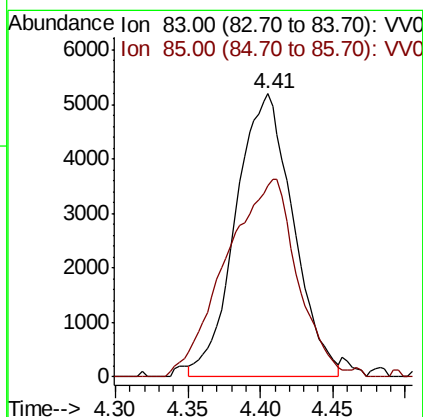
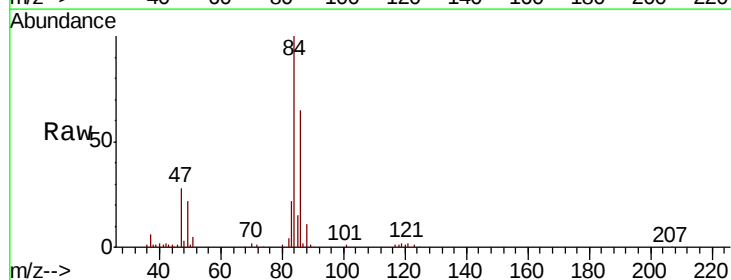
Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	135.0	93.4	173.4	
68	0.0	0.0	0.0	

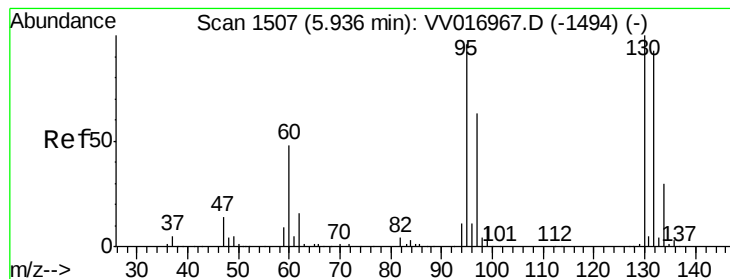


#25

Chloroform
 Concen: 2.566 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VV016973.D
 Acq: 18 Jun 2020 12:51

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
85	67.5	44.1	81.9	





#34

Trichloroethene

Concen: 2.430 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV016973.D

Acq: 18 Jun 2020 12:51

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 7847

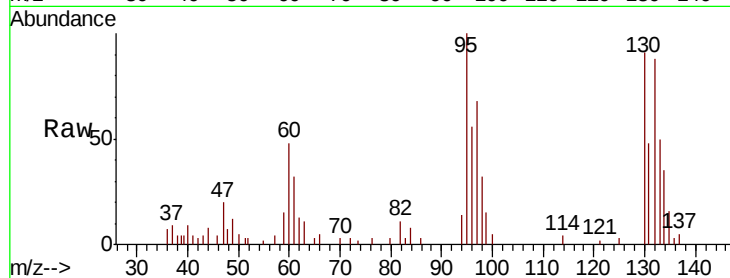
Ion Ratio Lower Upper

95 100

97 68.3 44.3 82.3

132 88.3 67.9 126.1

130 91.4 72.2 134.2

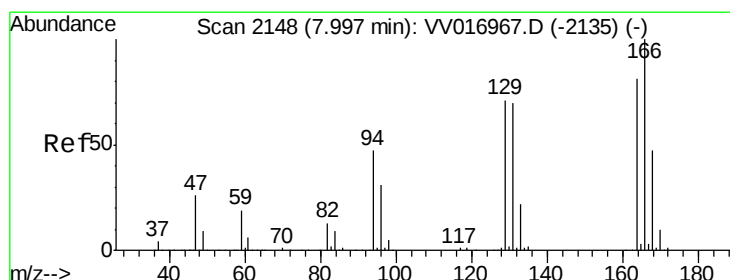
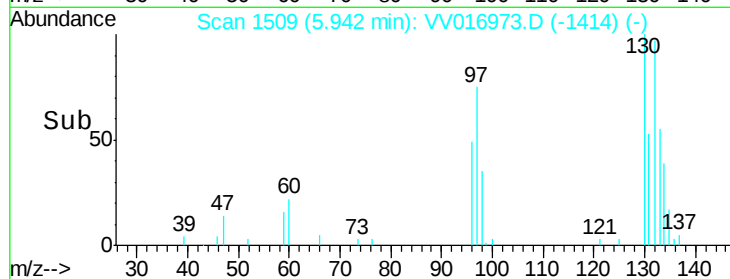
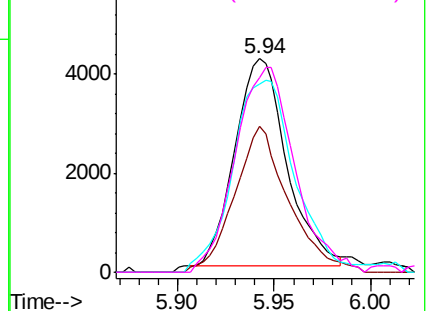


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 27.174 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016973.D

Acq: 18 Jun 2020 12:51

Tgt Ion: 164 Resp: 69020

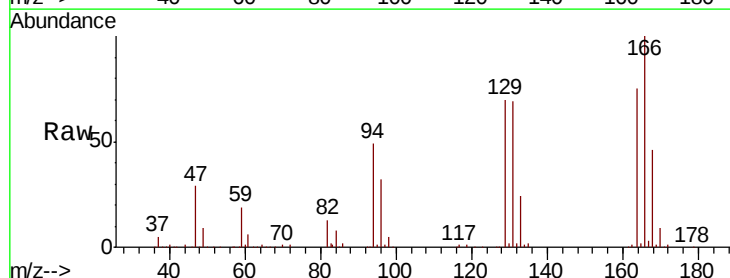
Ion Ratio Lower Upper

164 100

129 94.1 67.0 124.4

131 92.0 64.8 120.3

166 133.9 90.4 167.8

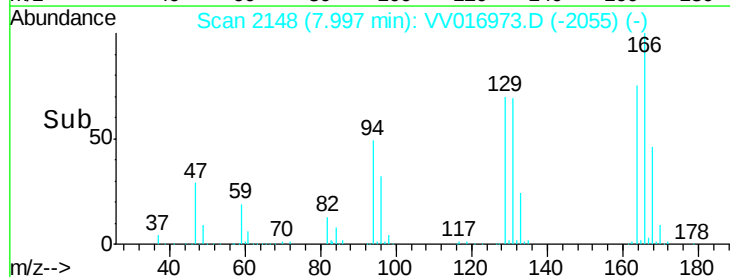
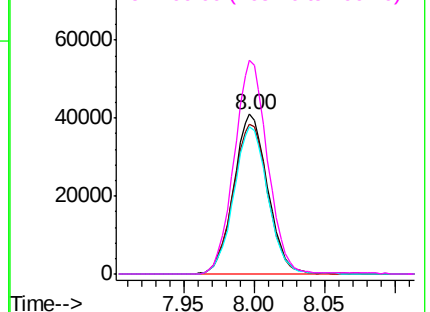


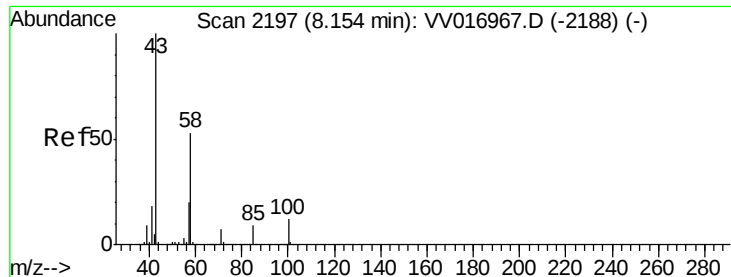
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

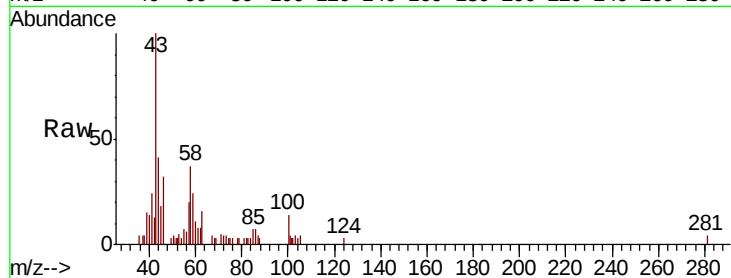




#48
 2-Hexanone
 Concen: 2.308 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV016973.D
 Acq: 18 Jun 2020 12:51

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 7940
 Ion Ratio Lower Upper
 43 100
 58 6.9 43.1 64.7#
 57 6.7 15.3 22.9#
 100 5.6 10.0 15.0#



Abundance Ion 43.00 (42.70 to 43.70): VV0
 Ion 58.00 (57.70 to 58.70): VV0
 Ion 57.00 (56.70 to 57.70): VV0
 Ion 100.00 (99.70 to 100.70): VV0

