

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061820\
 Data File : VV016974.D
 Acq On : 18 Jun 2020 13:14
 Operator : SY/MD
 Sample : L3039-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M08

Quant Time: Jun 19 04:36:50 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	352764	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	337714	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	172857	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87783	35.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.54%
7) Chloroethane-d5	1.58	69	68693	45.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.98%
11) 1,1-Dichloroethene-d2	2.12	63	140141	33.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.06%
21) 2-Butanone-d5	3.91	46	165464	89.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.81%
24) Chloroform-d	4.38	84	217758	43.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.04%
26) 1,2-Dichloroethane-d4	5.06	65	163233	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.82%
32) Benzene-d6	5.08	84	438286	45.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.04%
36) 1,2-Dichloropropane-d6	6.09	67	136364	44.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.88%
41) Toluene-d8	7.34	98	407495	45.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.22%
43) trans-1,3-Dichloropropene-	7.64	79	70706	44.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.48%
47) 2-Hexanone-d5	8.11	63	100933	76.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.29%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	175716	43.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.48%
64) 1,2-Dichlorobenzene-d4	11.65	152	176105	47.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.48%

Target Compounds

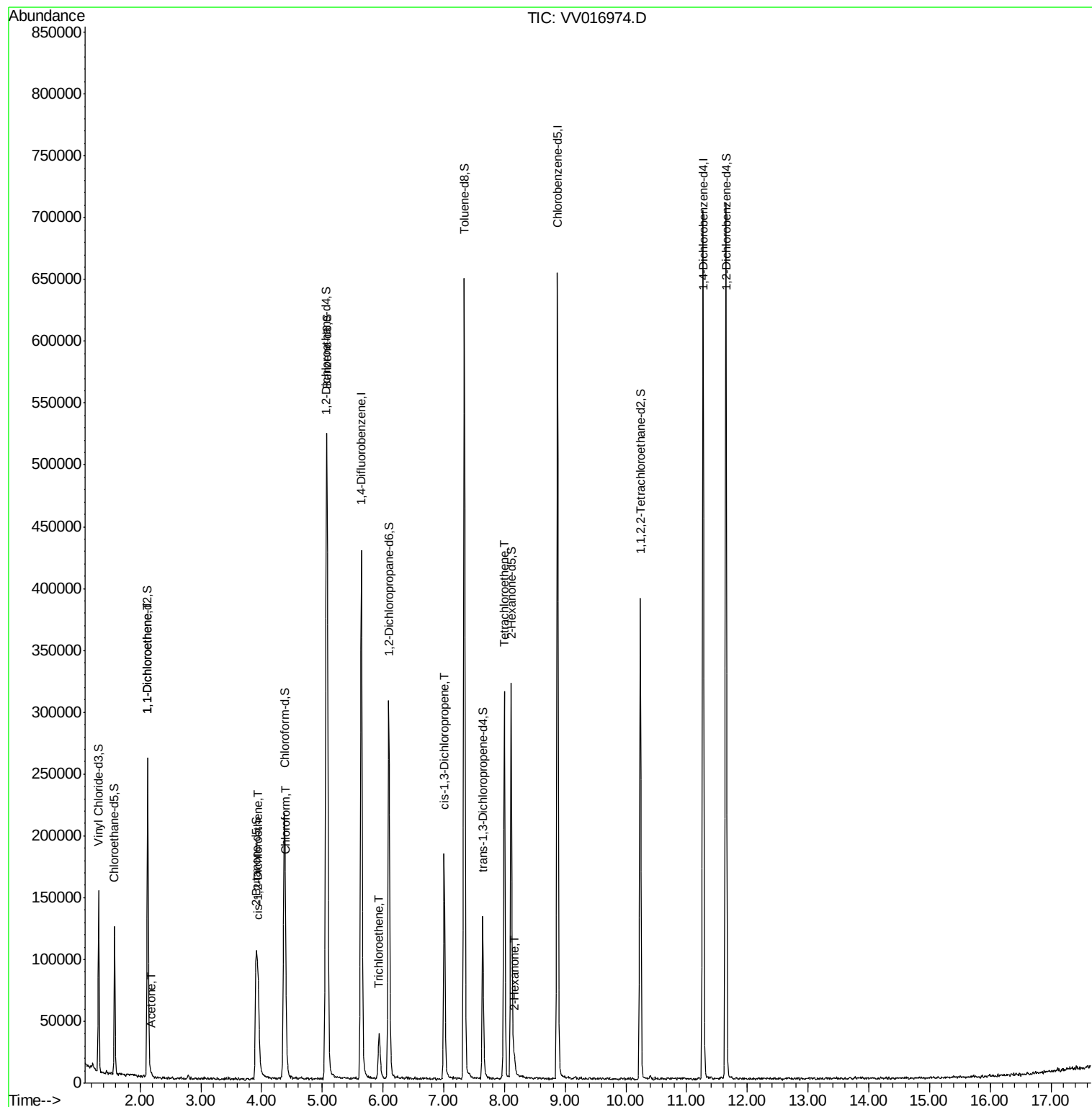
					Ovalue
12) 1,1-Dichloroethene	2.13	96	1386	0.792 ug/L #	1
13) Acetone	2.19	43	1841	1.517 ug/L	68
20) cis-1,2-Dichloroethene	3.95	96	30825	11.844 ug/L	99
25) Chloroform	4.40	83	16134	3.494 ug/L	91
34) Trichloroethene	5.94	95	7862	2.934 ug/L	93
39) cis-1,3-Dichloropropene	7.01	75	5158	1.278 ug/L	83
46) Tetrachloroethene	8.00	164	68588	32.543 ug/L	96
48) 2-Hexanone	8.17	43	8132	2.848 ug/L #	77

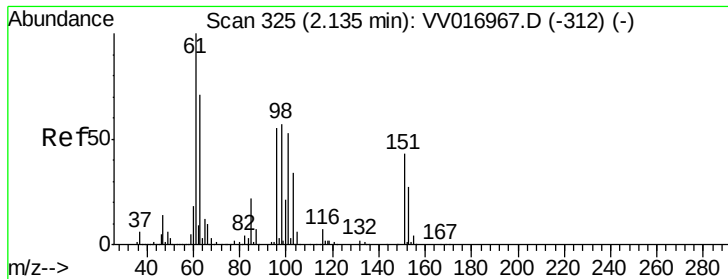
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#12

1,1-Dichloroethene

Concen: 0.792 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016974.D

Acq: 18 Jun 2020 13:14

Instrument :

MSVOA_V

ClientSampleId :

F9M08

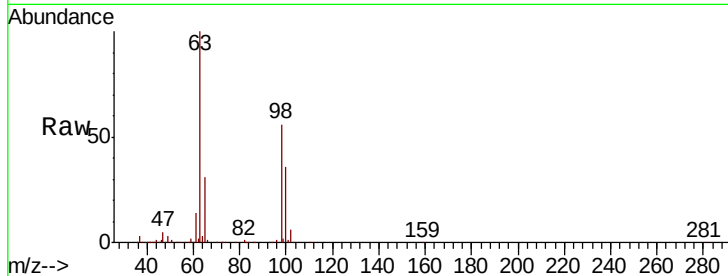
Tot Ion: 96 Resp: 1386

Ion Ratio Lower Upper

96 100

61 1443.0 130.4 242.2#

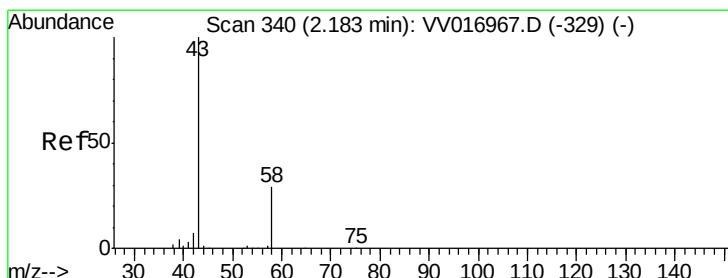
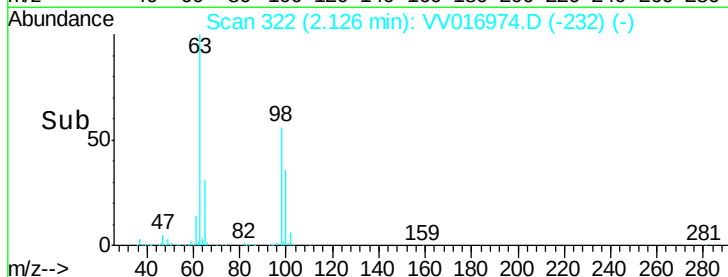
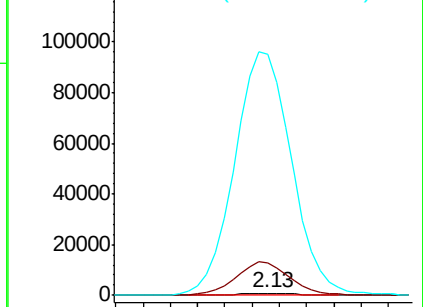
63 10640.7 103.3 191.9#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 1.517 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

Lab File: VV016974.D

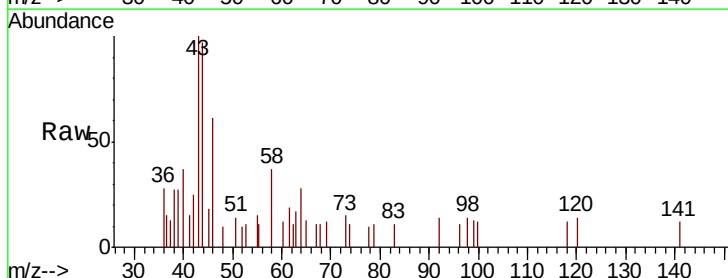
Acq: 18 Jun 2020 13:14

Tgt Ion: 43 Resp: 1841

Ion Ratio Lower Upper

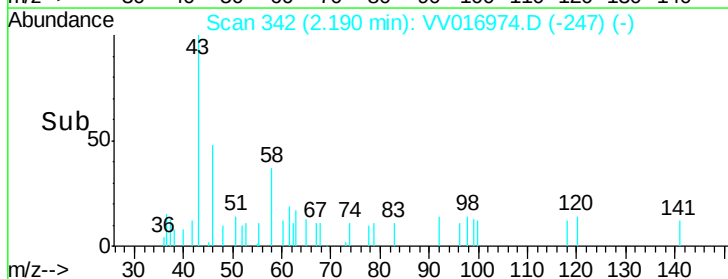
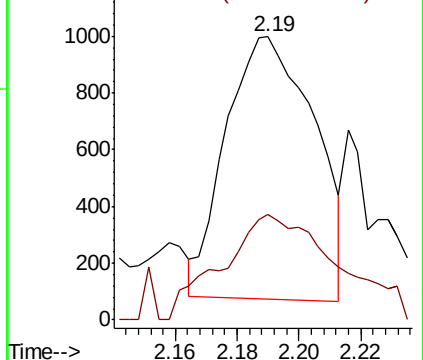
43 100

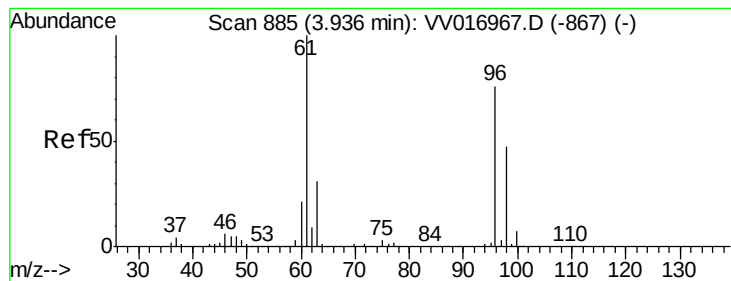
58 11.1 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



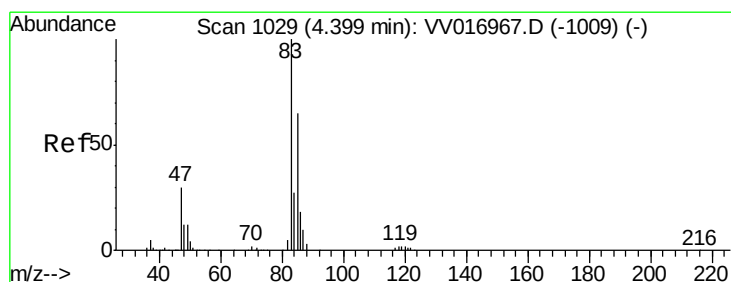
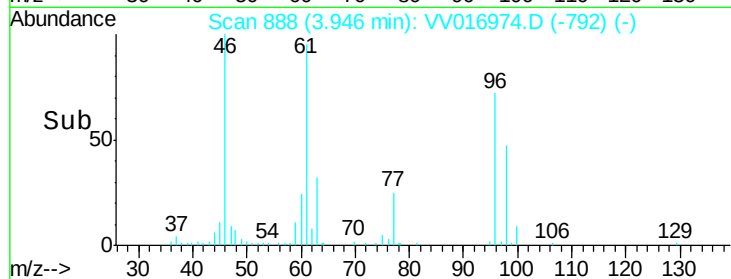
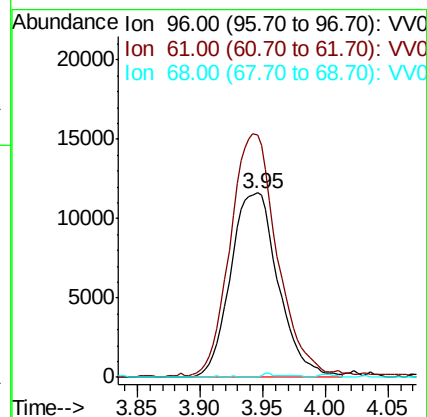
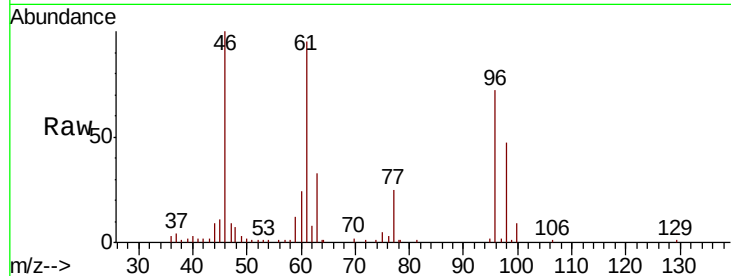


#20

cis-1,2-Dichloroethene
 Concen: 11.844 ug/L
 RT: 3.95 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: VV016974.D
 Acq: 18 Jun 2020 13:14

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M08

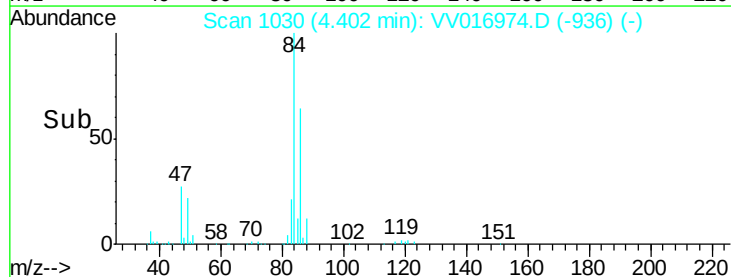
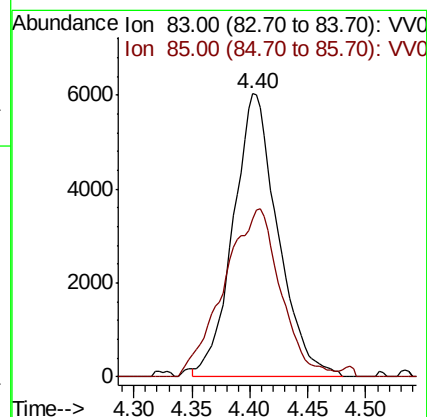
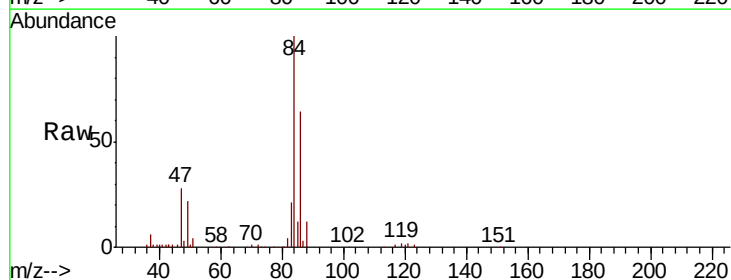
Tot Ion	96	Resp	30825
Ion	Ratio	Lower	Upper
96	100		
61	131.7	93.4	173.4
68	0.0	0.0	0.0

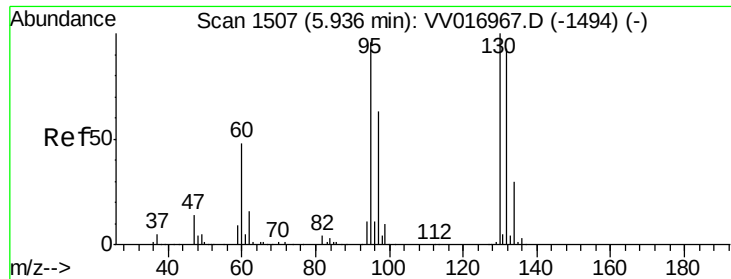


#25

Chloroform
 Concen: 3.494 ug/L
 RT: 4.40 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VV016974.D
 Acq: 18 Jun 2020 13:14

Tgt Ion	83	Resp	16134
Ion	Ratio	Lower	Upper
83	100		
85	55.8	44.1	81.9





#34

Trichloroethene

Concen: 2.934 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV016974.D

Acq: 18 Jun 2020 13:14

Instrument :

MSVOA_V

ClientSampleId :

F9M08

Tot Ion: 95 Resp: 7862

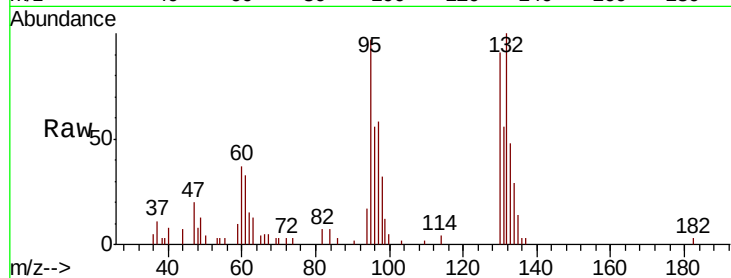
Ion Ratio Lower Upper

95 100

97 59.3 44.3 82.3

132 102.8 67.9 126.1

130 93.5 72.2 134.2

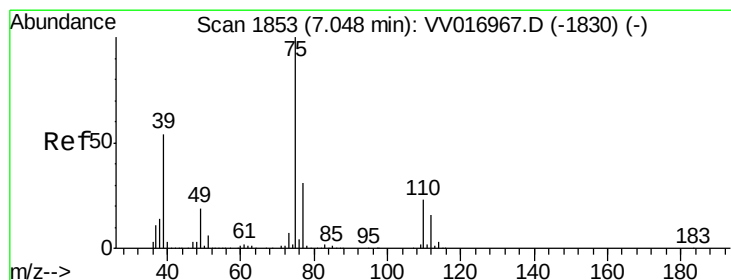
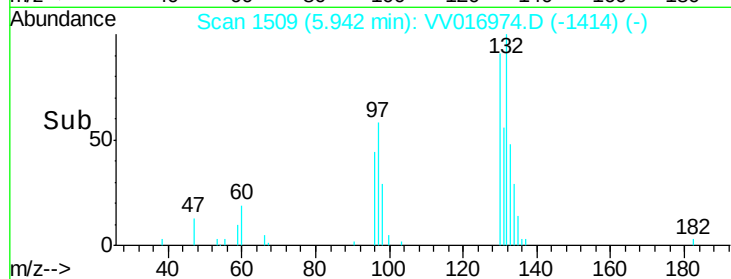
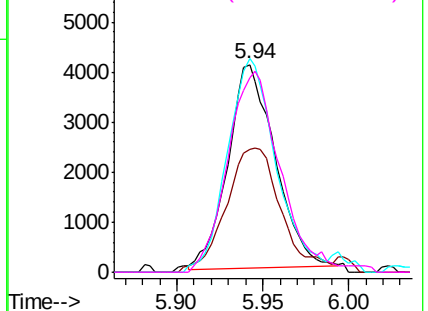


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#39

cis-1,3-Dichloropropene

Concen: 1.278 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV016974.D

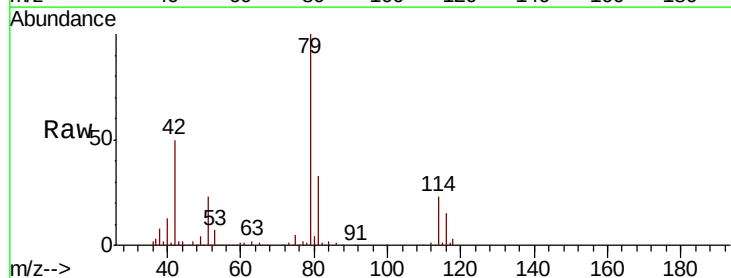
Acq: 18 Jun 2020 13:14

Tgt Ion: 75 Resp: 5158

Ion Ratio Lower Upper

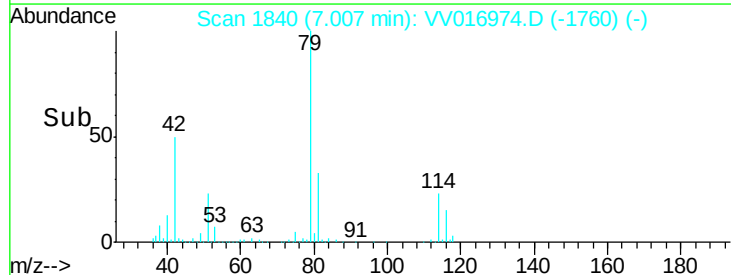
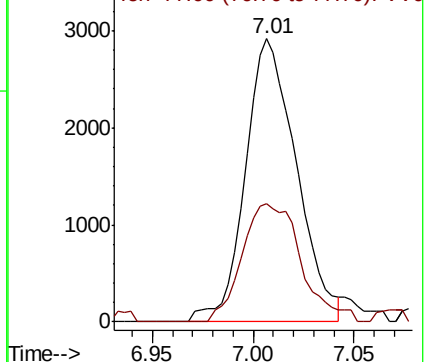
75 100

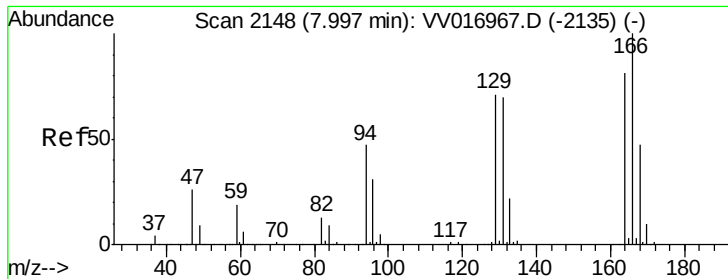
77 41.8 22.7 42.1



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#46

Tetrachloroethene

Concen: 32.543 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016974.D

Acq: 18 Jun 2020 13:14

Instrument :

MSVOA_V

ClientSampleId :

F9M08

Tot Ion:164 Resp: 68588

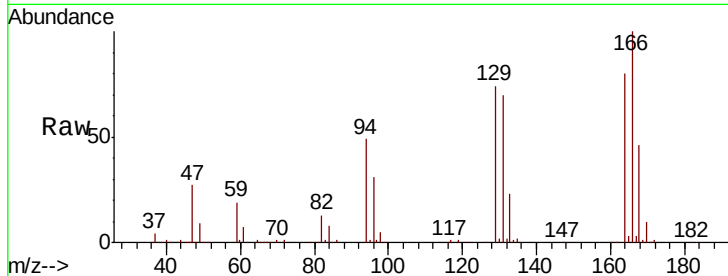
Ion Ratio Lower Upper

164 100

129 91.9 67.0 124.4

131 87.7 64.8 120.3

166 124.5 90.4 167.8

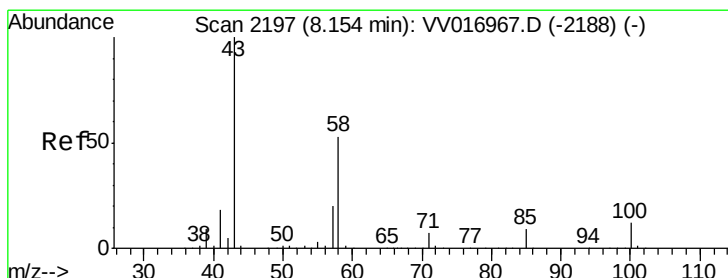
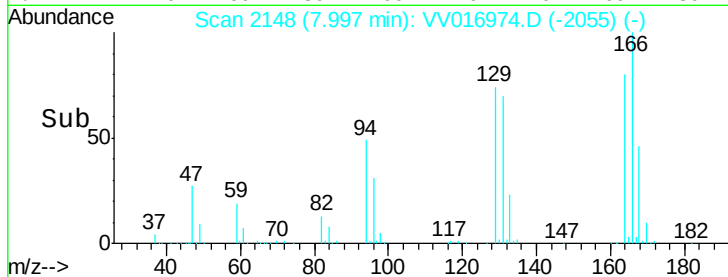
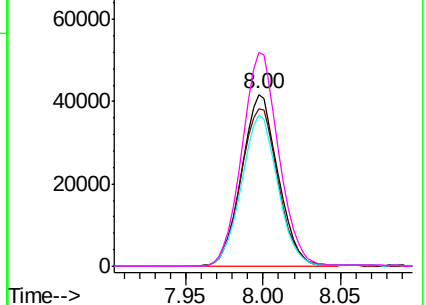


Abundance Ion 164.00 (163.70 to 164.70): V

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: 2.848 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.02 min

Lab File: VV016974.D

Acq: 18 Jun 2020 13:14

Tgt Ion: 43 Resp: 8132

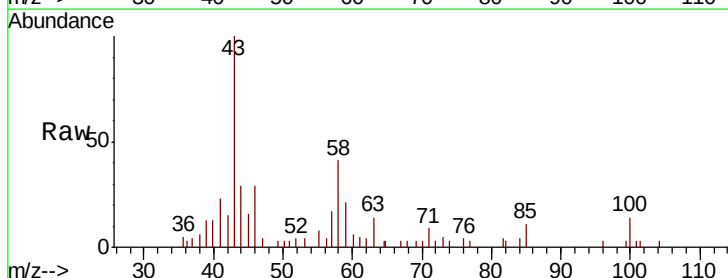
Ion Ratio Lower Upper

43 100

58 32.9 43.1 64.7#

57 10.3 15.3 22.9#

100 13.3 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

