

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061820\
 Data File : VV016986.D
 Acq On : 18 Jun 2020 18:38
 Operator : SY/MD
 Sample : L3039-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M08

Quant Time: Jun 19 04:39:00 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	345082	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	323869	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	150821	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82084	33.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.42%
7) Chloroethane-d5	1.58	69	60543	41.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.88%
11) 1,1-Dichloroethene-d2	2.17	63	248	0.06	ug/L	0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.12%#
21) 2-Butanone-d5	3.91	46	162636	90.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.24%
24) Chloroform-d	4.56	84	208	0.04	ug/L	0.19
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.08%#
26) 1,2-Dichloroethane-d4	5.06	65	156652	46.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.02%
32) Benzene-d6	5.08	84	421990	45.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.09	67	134650	46.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.54%
41) Toluene-d8	7.34	98	384376	44.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.74%
43) trans-1,3-Dichloropropene-	7.64	79	66139	43.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.28%
47) 2-Hexanone-d5	8.11	63	98386	77.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.55%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	167977	43.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	161769	50.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.52%

Target Compounds

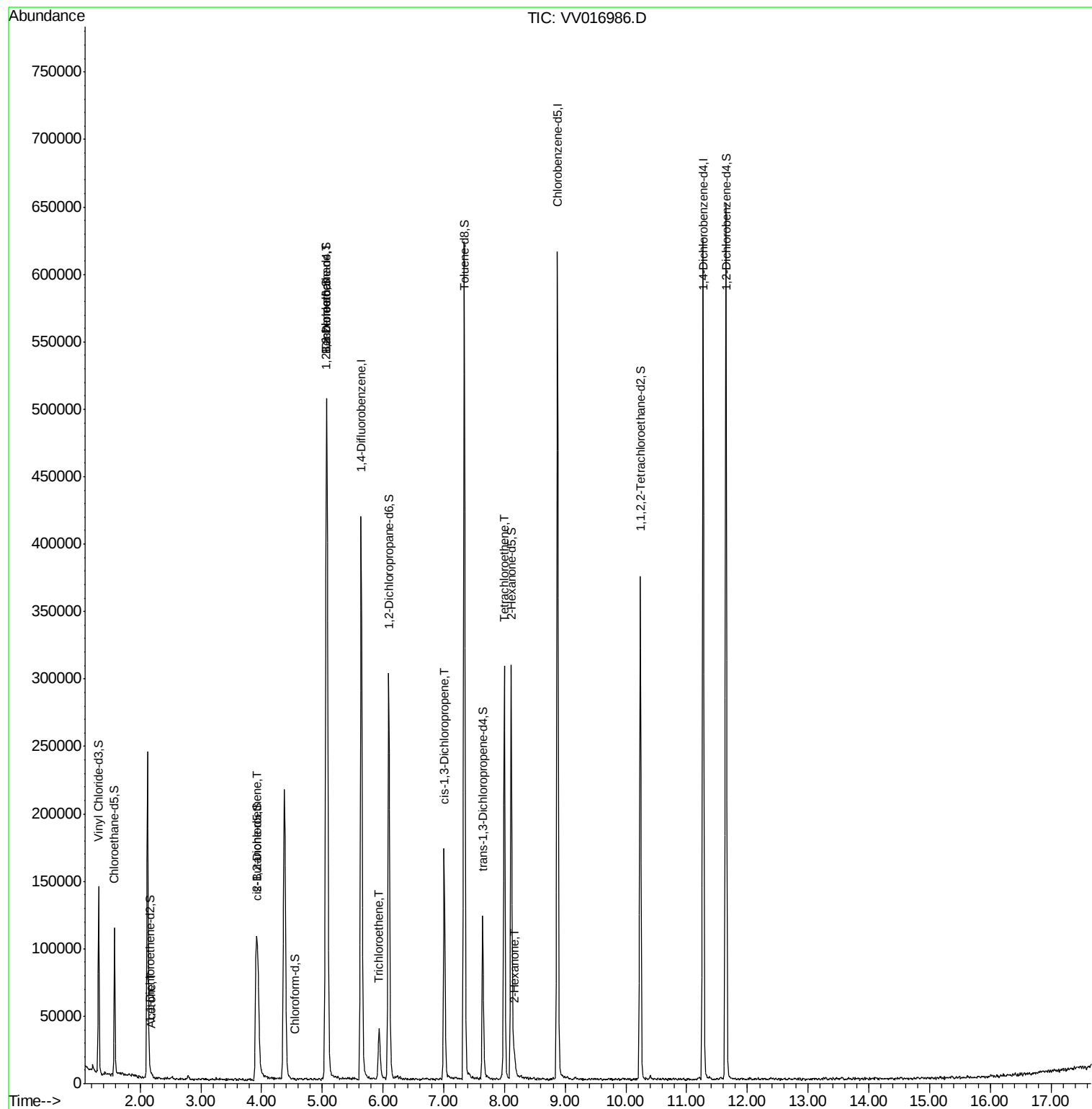
					Ovalue
13) Acetone	2.19	43	2551	2.148 ug/L	93
20) cis-1,2-Dichloroethene	3.94	96	28907	11.354 ug/L	98
27) 1,2-Dichloroethane	5.08	62	3372	0.890 ug/L	97
34) Trichloroethene	5.94	95	8372	3.258 ug/L	87
39) cis-1,3-Dichloropropene	7.01	75	4814	1.244 ug/L #	74
46) Tetrachloroethene	8.00	164	65973	32.640 ug/L	97
48) 2-Hexanone	8.16	43	8531	3.116 ug/L	96

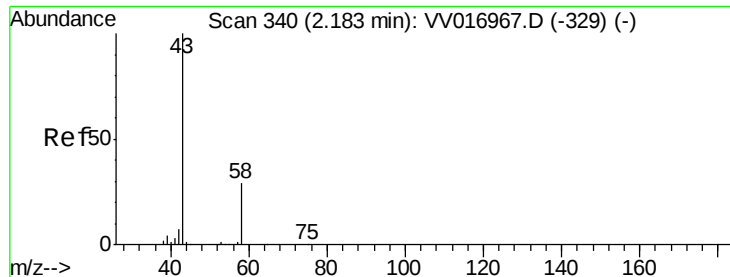
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 2.148 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV016986.D

Acq: 18 Jun 2020 18:38

Instrument :

MSVOA_V

ClientSampleId :

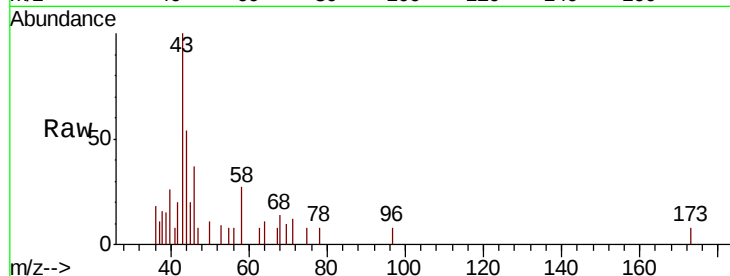
F9M08

Tot Ion: 43 Resp: 2551

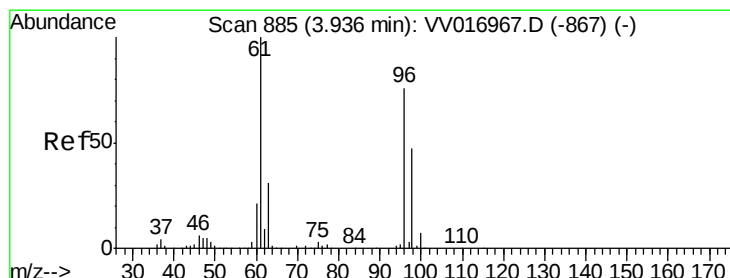
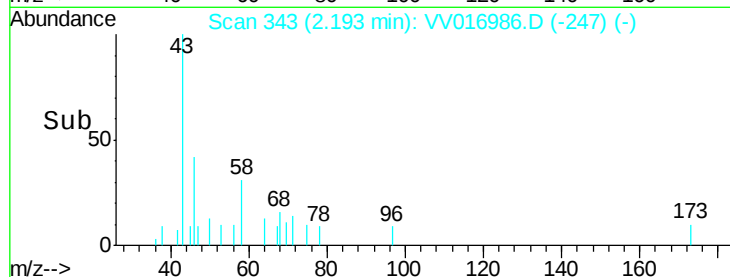
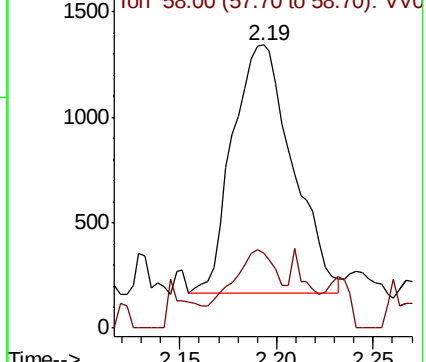
Ion Ratio Lower Upper

43 100

58 23.9 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV016986.D (-247) (-)



#20

cis-1,2-Dichloroethene

Concen: 11.354 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV016986.D

Acq: 18 Jun 2020 18:38

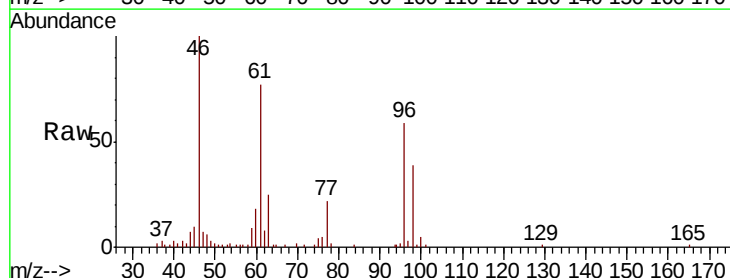
Tgt Ion: 96 Resp: 28907

Ion Ratio Lower Upper

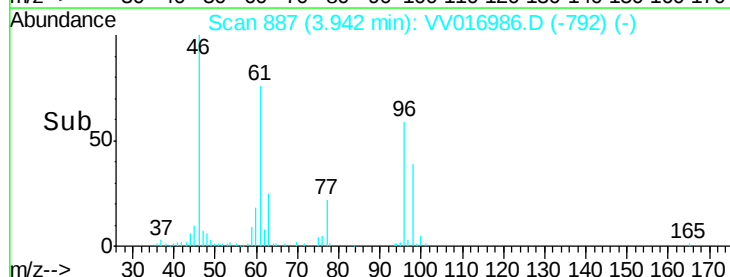
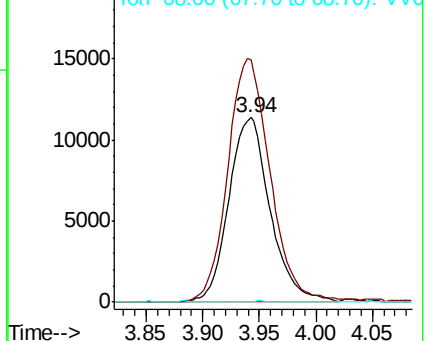
96 100

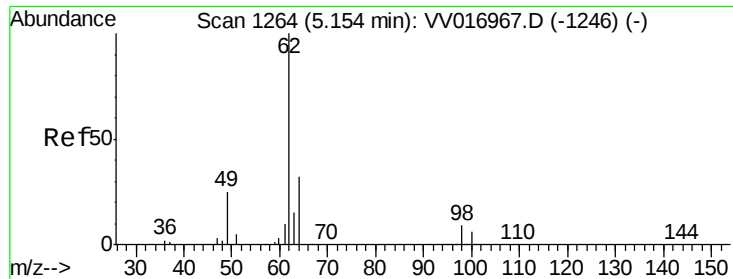
61 131.1 93.4 173.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV016986.D (-792) (-)





#27

1,2-Dichloroethane

Concen: 0.890 ug/L

RT: 5.08 min Scan# 1240

Delta R.T. -0.08 min

Lab File: VV016986.D

Acq: 18 Jun 2020 18:38

Instrument :

MSVOA_V

ClientSampleId :

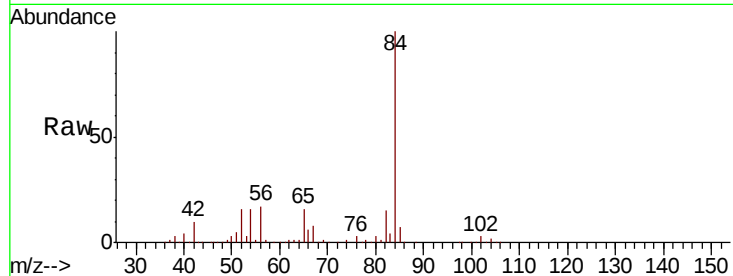
F9M08

Tot Ion: 62 Resp: 3372

Ion Ratio Lower Upper

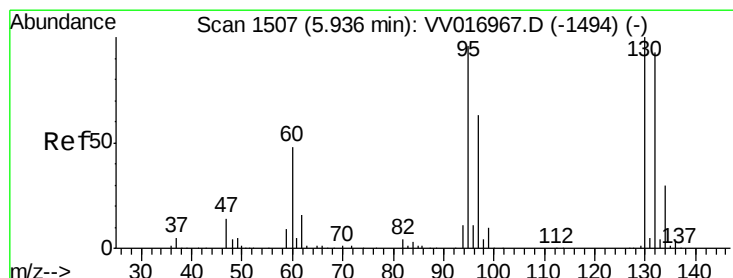
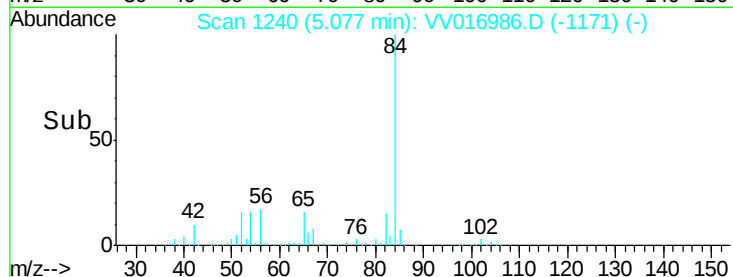
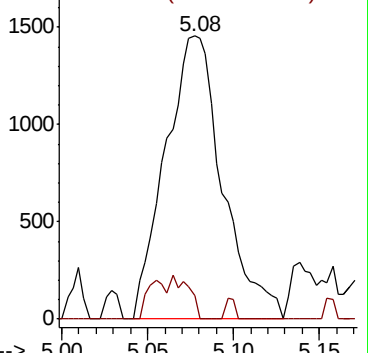
62 100

98 8.3 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#34

Trichloroethene

Concen: 3.258 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV016986.D

Acq: 18 Jun 2020 18:38

Tgt Ion: 95 Resp: 8372

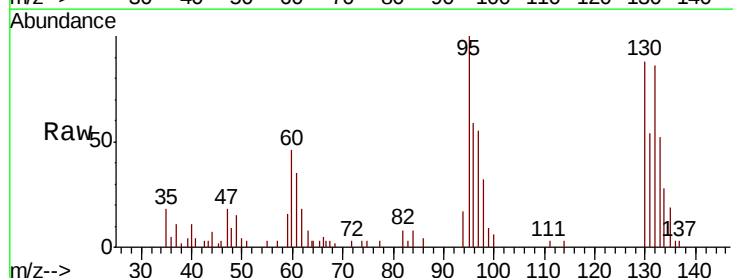
Ion Ratio Lower Upper

95 100

97 55.1 44.3 82.3

132 85.9 67.9 126.1

130 88.0 72.2 134.2

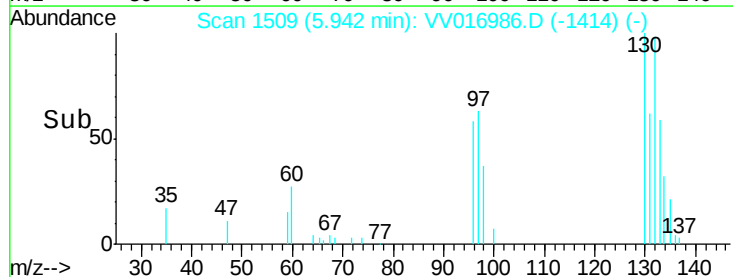
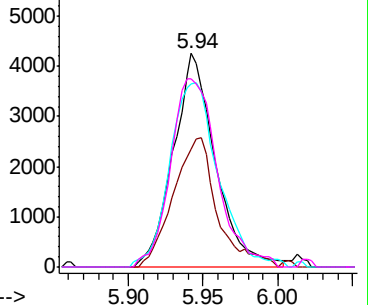


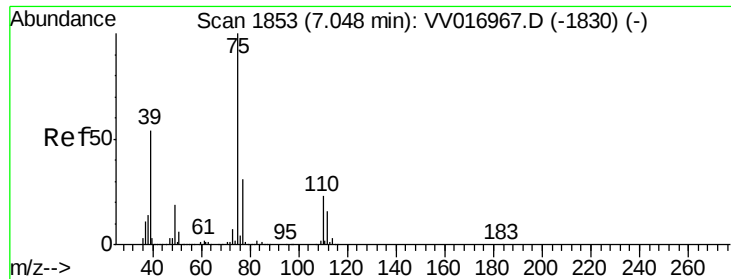
Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 1.244 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV016986.D

Acq: 18 Jun 2020 18:38

Instrument :

MSVOA_V

ClientSampleId :

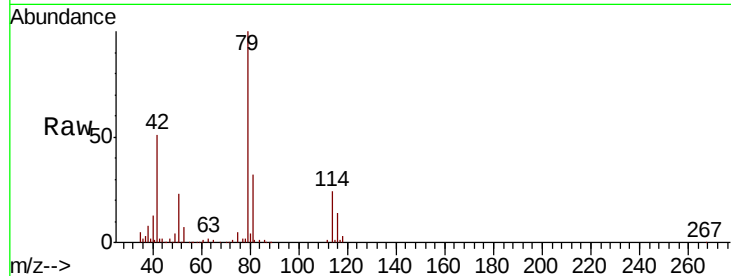
F9M08

Tot Ion: 75 Resp: 4814

Ion Ratio Lower Upper

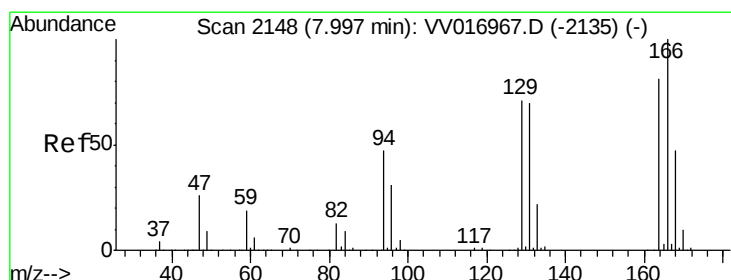
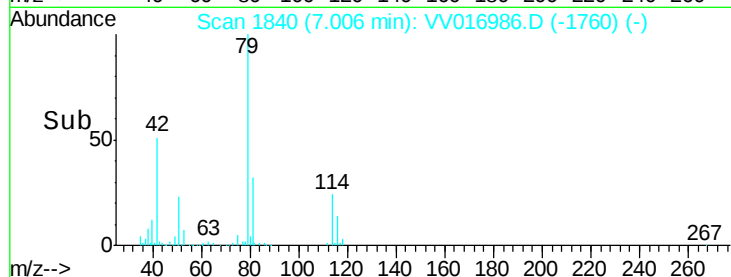
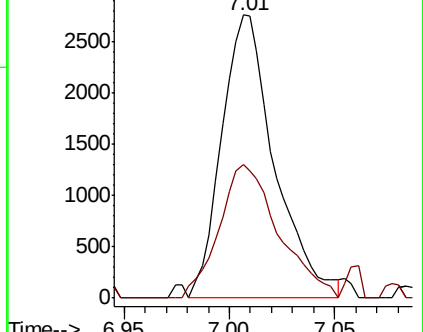
75 100

77 47.1 22.7 42.1#



Abundance Ion 75.00 (74.70 to 75.70): VV016967.D (-1830) (-)

Ion 77.00 (76.70 to 77.70): VV016967.D (-1830) (-)



#46

Tetrachloroethene

Concen: 32.640 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016986.D

Acq: 18 Jun 2020 18:38

Tgt Ion: 164 Resp: 65973

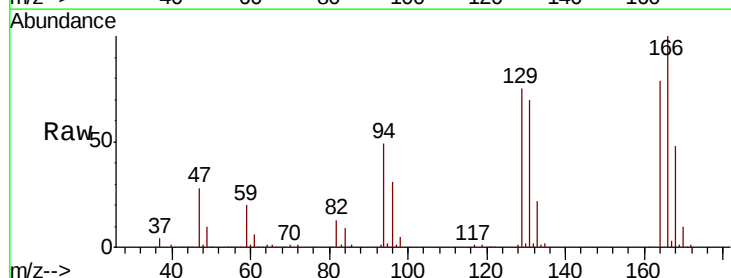
Ion Ratio Lower Upper

164 100

129 94.8 67.0 124.4

131 88.6 64.8 120.3

166 126.0 90.4 167.8

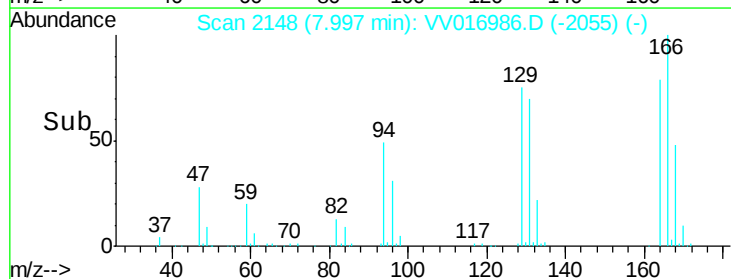
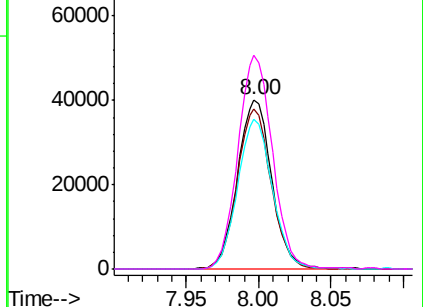


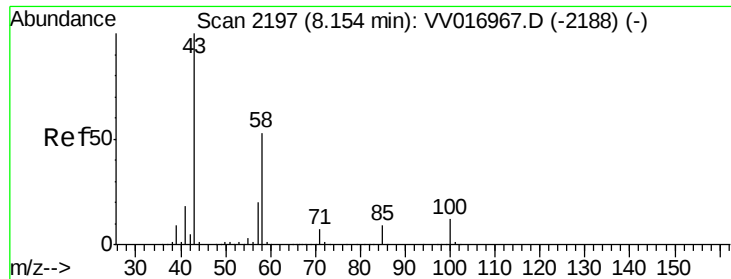
Abundance Ion 164.00 (163.70 to 164.70): VV016967.D (-2135) (-)

Ion 129.00 (128.70 to 129.70): VV016967.D (-2135) (-)

Ion 131.00 (130.70 to 131.70): VV016967.D (-2135) (-)

Ion 166.00 (165.70 to 166.70): VV016967.D (-2135) (-)





#48
 2-Hexanone
 Concen: 3.116 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: VV016986.D
 Acq: 18 Jun 2020 18:38

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M08

Tot Ion:	43	Resp:	8531
Ion	Ratio	Lower	Upper
43	100		
58	50.7	43.1	64.7
57	19.7	15.3	22.9
100	11.3	10.0	15.0

