

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061820\
 Data File : VV016985.D
 Acq On : 18 Jun 2020 18:15
 Operator : SY/MD
 Sample : L3039-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M07

Quant Time: Jun 19 04:38:51 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	343791	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	322481	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	152048	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82561	34.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.06%
7) Chloroethane-d5	1.58	69	59117	40.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.22%
11) 1,1-Dichloroethene-d2	2.12	63	131532	32.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.58%
21) 2-Butanone-d5	3.91	46	163009	90.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.79%
24) Chloroform-d	4.38	84	217895	44.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.34%
26) 1,2-Dichloroethane-d4	5.06	65	157572	46.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.92%
32) Benzene-d6	5.07	84	414026	44.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.08%
36) 1,2-Dichloropropane-d6	6.09	67	130033	44.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.74%
41) Toluene-d8	7.34	98	380307	44.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.16%
43) trans-1,3-Dichloropropene-	7.64	79	64449	42.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.40%
47) 2-Hexanone-d5	8.11	63	98892	78.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.28%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	166511	43.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.82%
64) 1,2-Dichlorobenzene-d4	11.65	152	161062	49.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.28%

Target Compounds

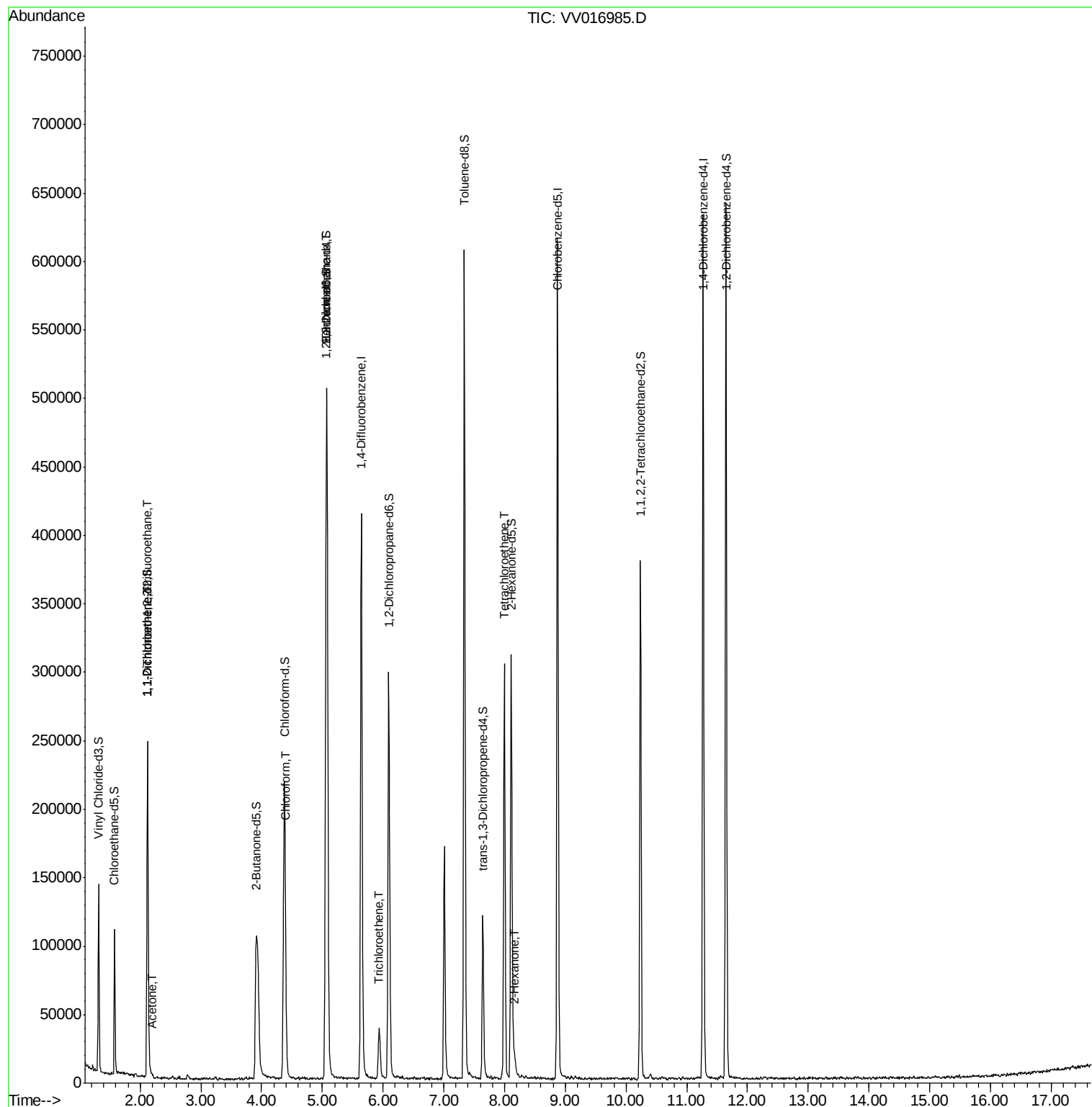
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1568	0.858 ug/L #	19
12) 1,1-Dichloroethene	2.13	96	1398	0.819 ug/L #	1
13) Acetone	2.19	43	2353	1.989 ug/L	99
25) Chloroform	4.40	83	3604	0.801 ug/L #	73
27) 1,2-Dichloroethane	5.08	62	2989	0.792 ug/L	96
34) Trichloroethene	5.94	95	7602	2.971 ug/L	94
46) Tetrachloroethene	8.00	164	66414	33.000 ug/L	97
48) 2-Hexanone	8.16	43	7188	2.637 ug/L #	94

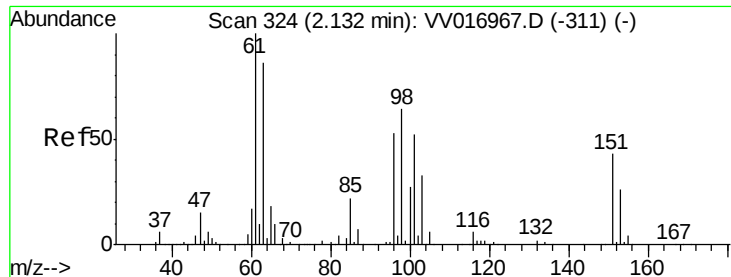
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.858 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016985.D

Acq: 18 Jun 2020 18:15

Instrument :

MSVOA_V

ClientSampleId :

F9M07

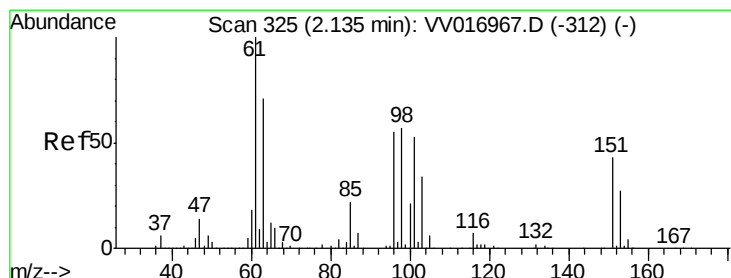
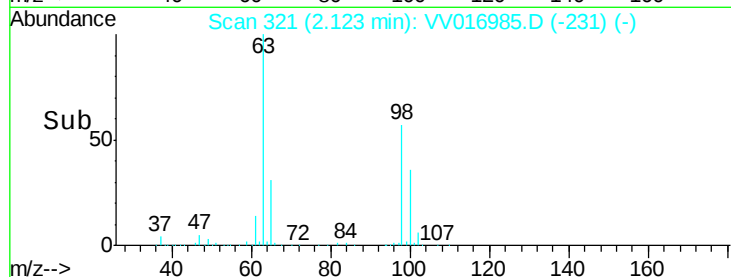
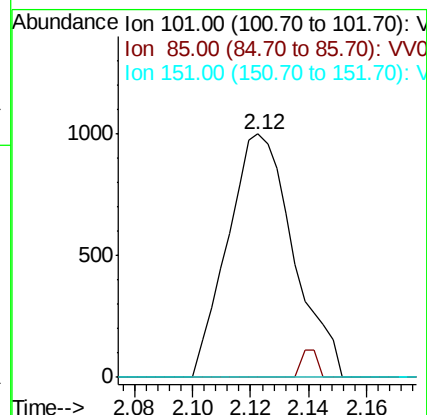
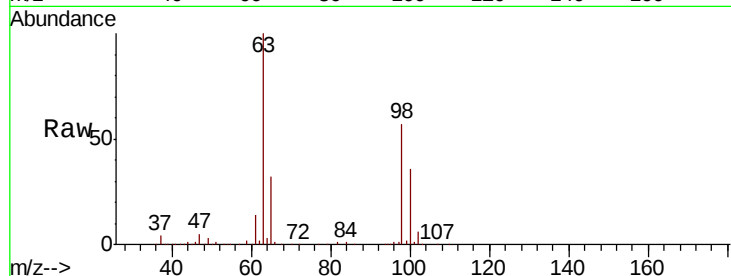
Tot Ion:101 Resp: 1568

Ion Ratio Lower Upper

101 100

85 2.7 35.5 53.3#

151 0.0 63.9 95.9#



#12

1,1-Dichloroethene

Concen: 0.819 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016985.D

Acq: 18 Jun 2020 18:15

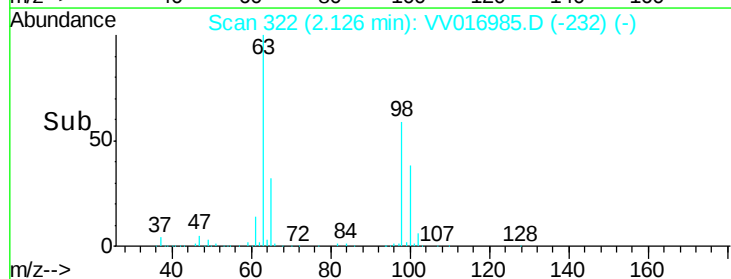
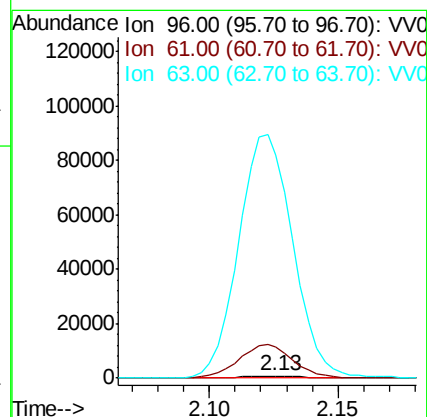
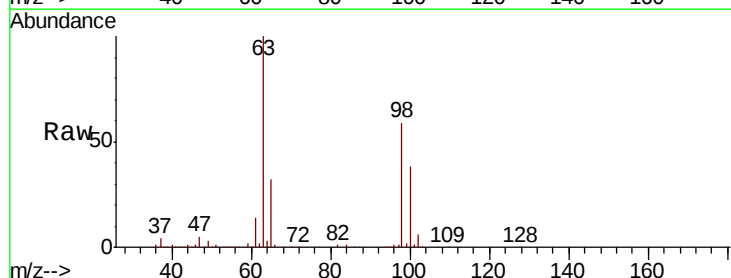
Tgt Ion: 96 Resp: 1398

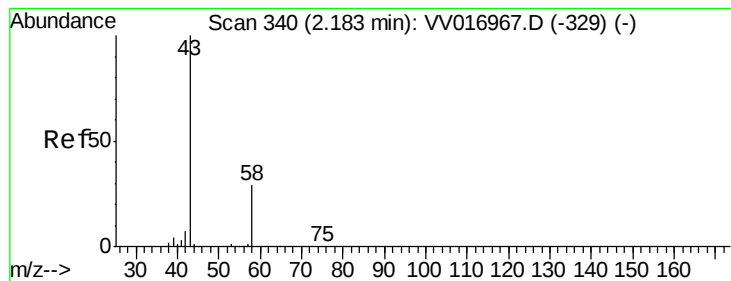
Ion Ratio Lower Upper

96 100

61 1377.1 130.4 242.2#

63 10072.1 103.3 191.9#





#13

Acetone

Concen: 1.989 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV016985.D

Acq: 18 Jun 2020 18:15

Instrument :

MSVOA_V

ClientSampleId :

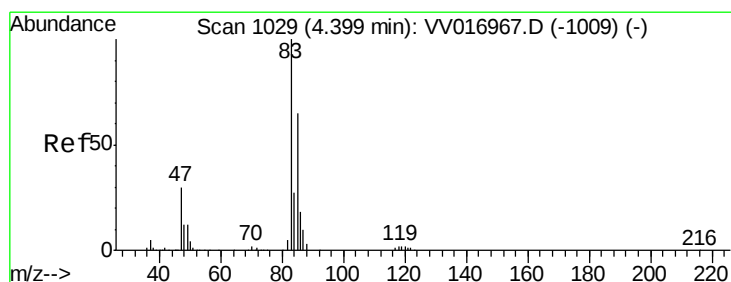
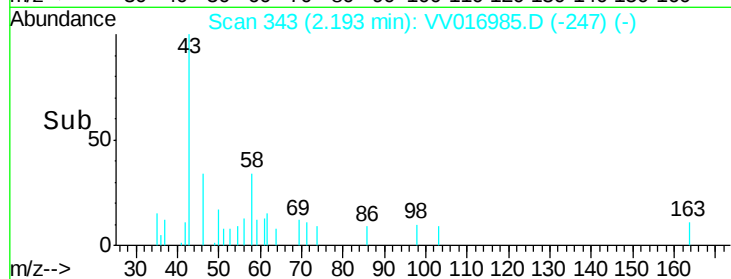
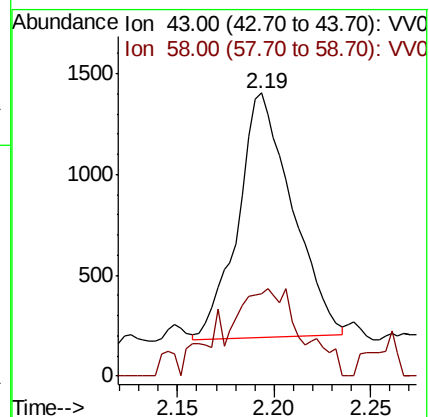
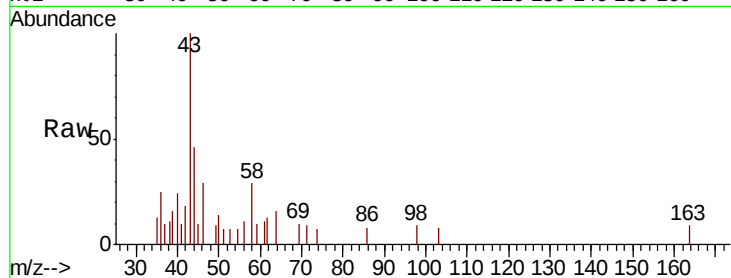
F9M07

Tot Ion: 43 Resp: 2353

Ion Ratio Lower Upper

43 100

58 26.9 0.0 55.2



#25

Chloroform

Concen: 0.801 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VV016985.D

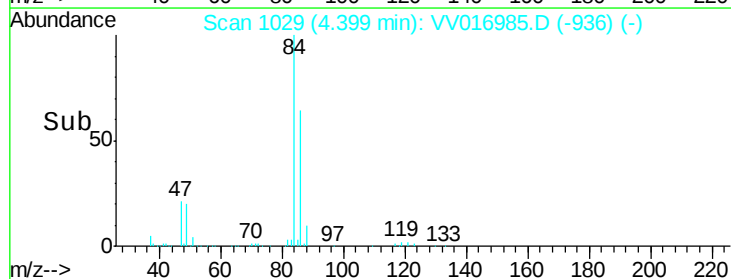
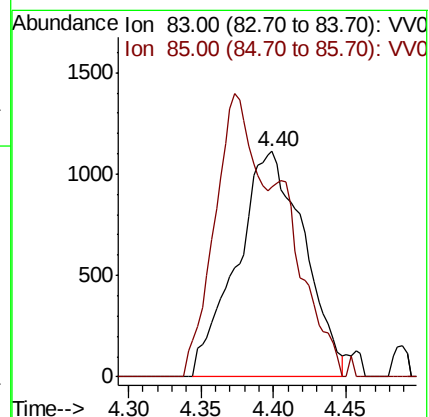
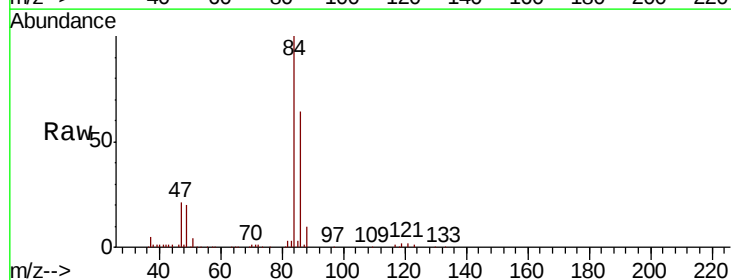
Acq: 18 Jun 2020 18:15

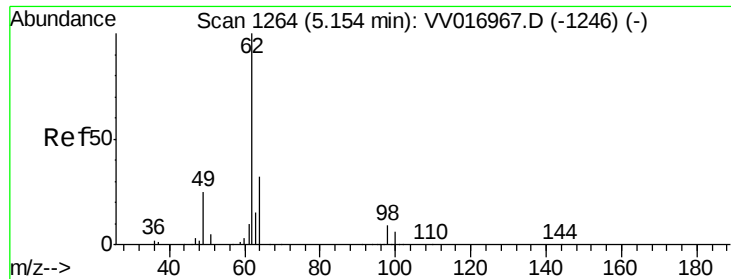
Tgt Ion: 83 Resp: 3604

Ion Ratio Lower Upper

83 100

85 84.2 44.1 81.9#

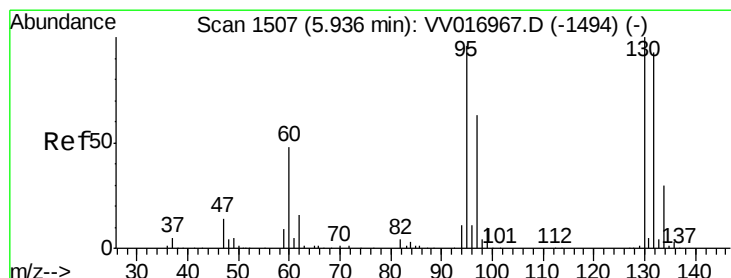
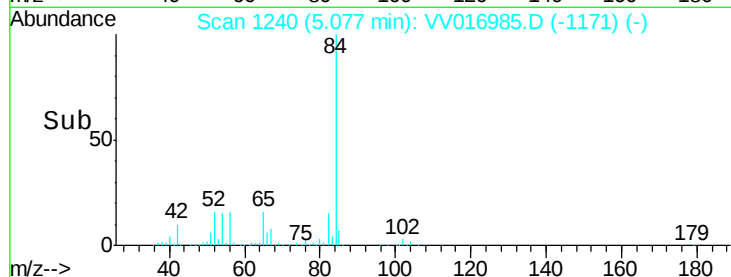
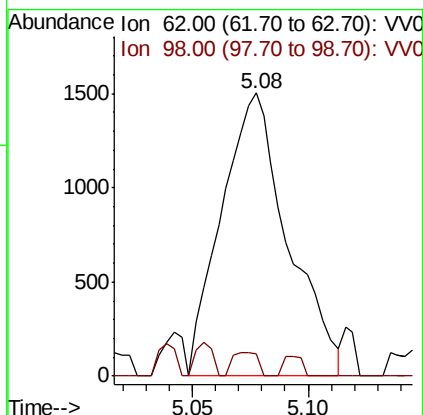
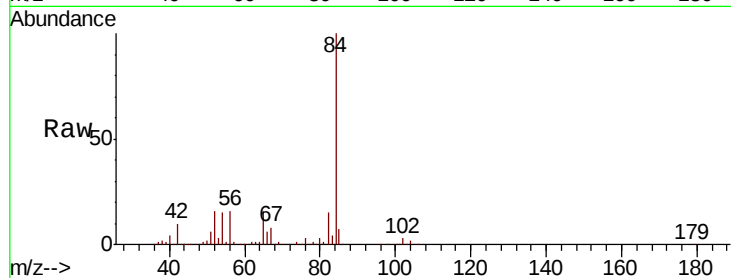




#27
 1,2-Dichloroethane
 Concen: 0.792 ug/L
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.08 min
 Lab File: VV016985.D
 Acq: 18 Jun 2020 18:15

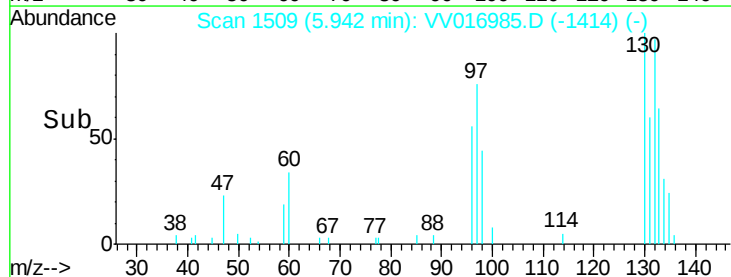
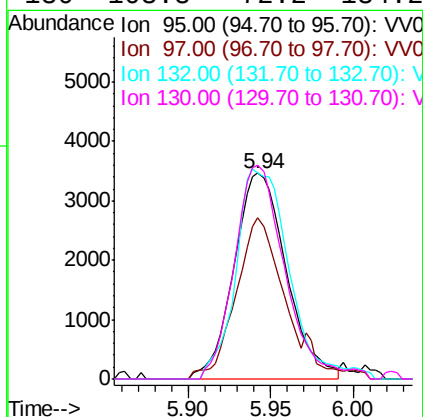
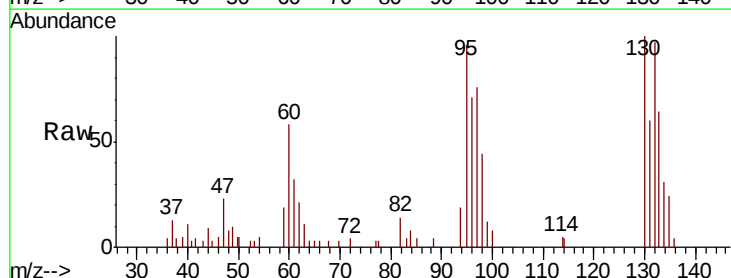
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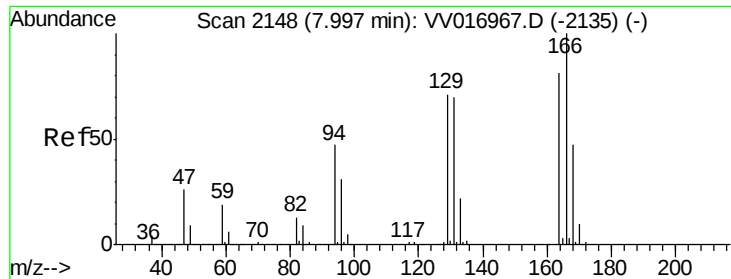
Tot Ion: 62 Resp: 2989
 Ion Ratio Lower Upper
 62 100
 98 7.8 7.4 11.2



#34
 Trichloroethene
 Concen: 2.971 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV016985.D
 Acq: 18 Jun 2020 18:15

Tgt Ion: 95 Resp: 7602
 Ion Ratio Lower Upper
 95 100
 97 78.6 44.3 82.3
 132 100.4 67.9 126.1
 130 103.8 72.2 134.2





#46

Tetrachloroethene

Concen: 33.000 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016985.D

Acq: 18 Jun 2020 18:15

Instrument :

MSVOA_V

ClientSampleId :

F9M07

Tot Ion:164 Resp: 66414

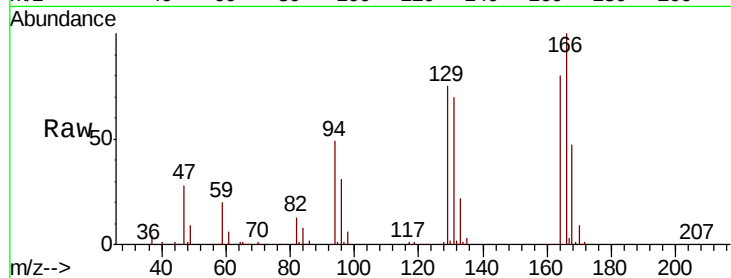
Ion Ratio Lower Upper

164 100

129 94.0 67.0 124.4

131 87.8 64.8 120.3

166 125.6 90.4 167.8



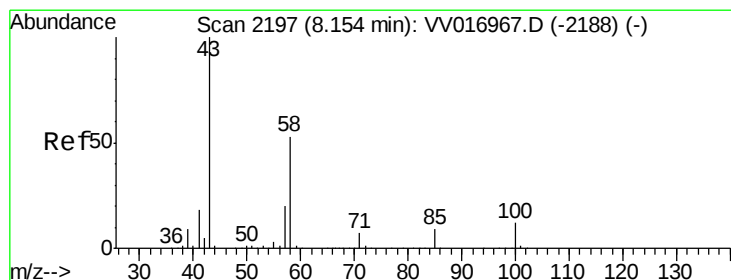
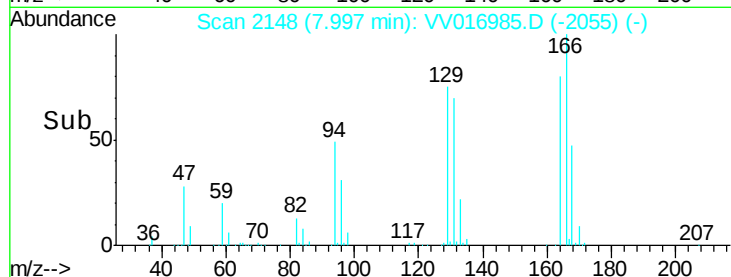
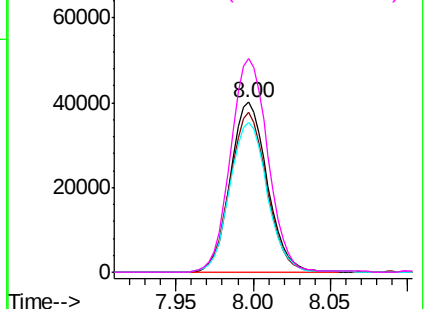
Abundance

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: 2.637 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV016985.D

Acq: 18 Jun 2020 18:15

Tgt Ion: 43 Resp: 7188

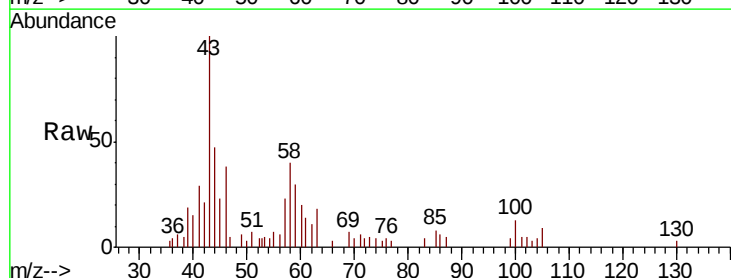
Ion Ratio Lower Upper

43 100

58 53.7 43.1 64.7

57 29.3 15.3 22.9#

100 11.0 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

