

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070920\
 Data File : VV017427.D
 Acq On : 10 Jul 2020 02:52
 Operator : SY/MD
 Sample : L3253-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A40

Quant Time: Jul 10 05:16:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 10 05:13:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	276313	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	260619	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	125549	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56449	39.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.48%
7) Chloroethane-d5	1.63	69	185	0.18	ug/L	0.05
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.36%#
11) 1,1-Dichloroethene-d2	2.12	63	97391	29.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.80%#
21) 2-Butanone-d5	3.91	46	88809	90.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.39%
24) Chloroform-d	4.38	84	141290	42.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.92%
26) 1,2-Dichloroethane-d4	5.06	65	105258	46.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.18%
32) Benzene-d6	5.08	84	249577	44.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.66%
36) 1,2-Dichloropropane-d6	6.09	67	73133	45.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.22%
41) Toluene-d8	7.34	98	234235	43.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.56%
43) trans-1,3-Dichloropropene-	7.64	79	38932	41.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.52%
47) 2-Hexanone-d5	8.11	63	59758	89.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.81%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	96450	42.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	102079	48.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.26%

Target Compounds

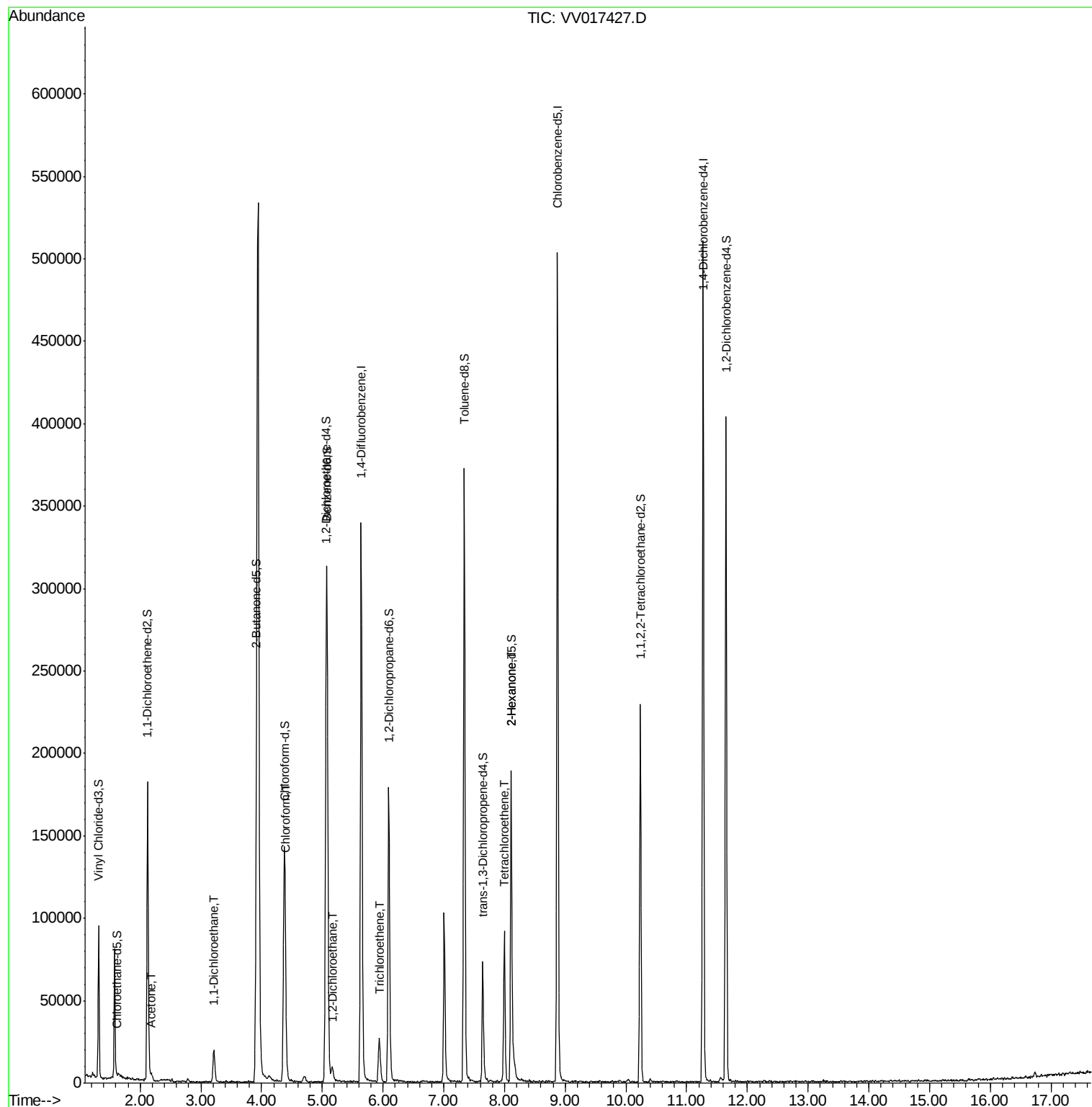
					Ovalue
13) Acetone	2.19	43	5203	3.890 ug/L	62
19) 1,1-Dichloroethane	3.21	63	10174	3.066 ug/L	96
25) Chloroform	4.40	83	4186	1.124 ug/L	94
27) 1,2-Dichloroethane	5.16	62	8359	2.553 ug/L	99
34) Trichloroethene	5.95	95	6191	3.027 ug/L #	89
46) Tetrachloroethene	8.00	164	20054	11.677 ug/L	98
48) 2-Hexanone	8.11	43	8688	4.606 ug/L #	72

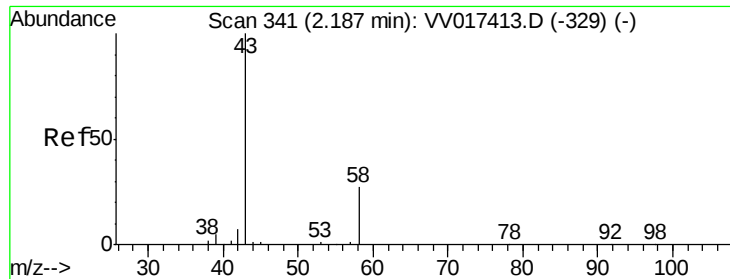
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV070920\
Data File : VV017427.D
Acq On : 10 Jul 2020 02:52
Operator : SY/MD
Sample : L3253-20
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F4A40

Quant Time: Jul 10 05:16:22 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 10 05:13:25 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.890 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV017427.D

Acq: 10 Jul 2020 02:52

Instrument :

MSVOA_V

ClientSampleId :

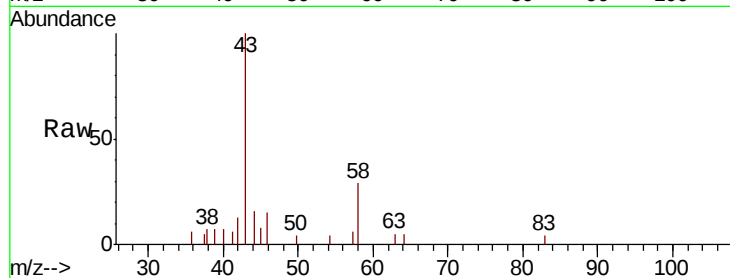
F4A40

Tot Ion: 43 Resp: 5203

Ion Ratio Lower Upper

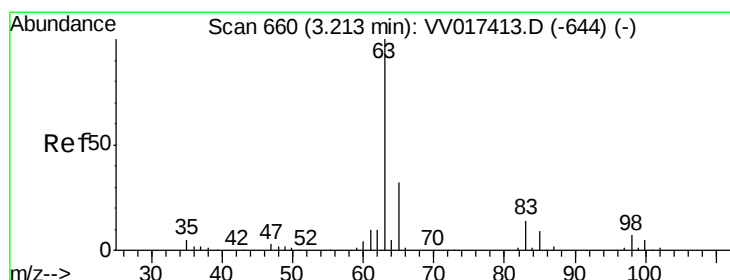
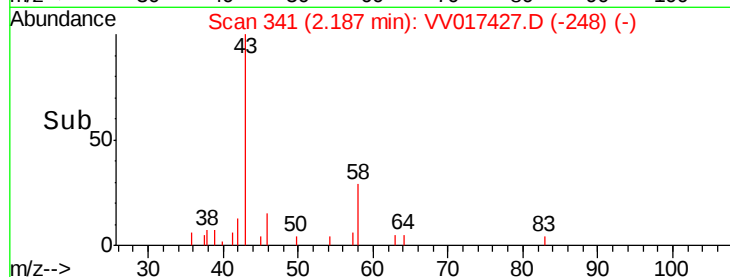
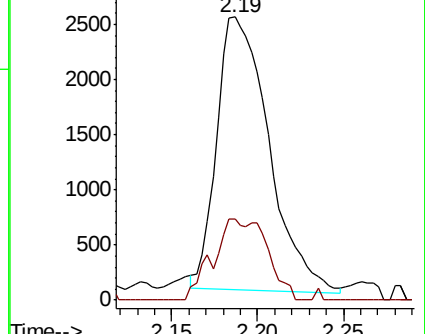
43 100

58 7.8 0.0 56.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#19

1,1-Dichloroethane

Concen: 3.066 ug/L

RT: 3.21 min Scan# 660

Delta R.T. -0.00 min

Lab File: VV017427.D

Acq: 10 Jul 2020 02:52

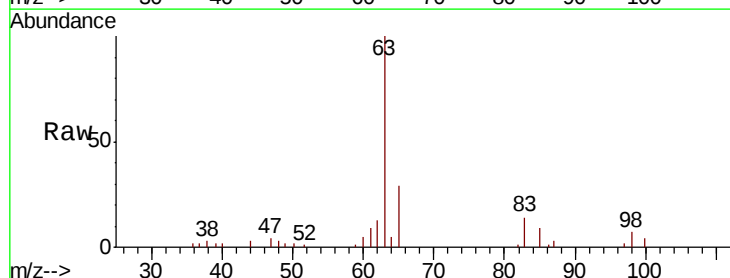
Tgt Ion: 63 Resp: 10174

Ion Ratio Lower Upper

63 100

65 29.0 22.1 41.1

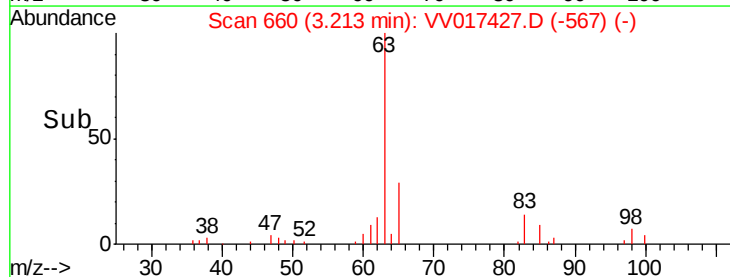
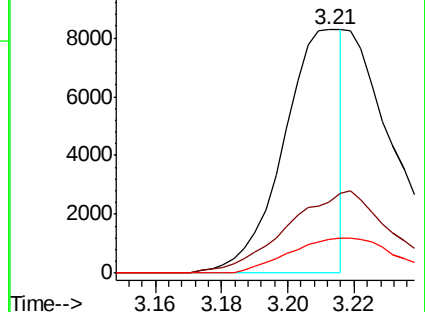
83 13.7 10.1 18.9

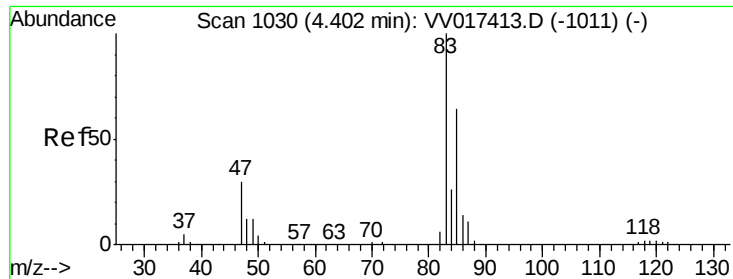


Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 65.00 (64.70 to 65.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

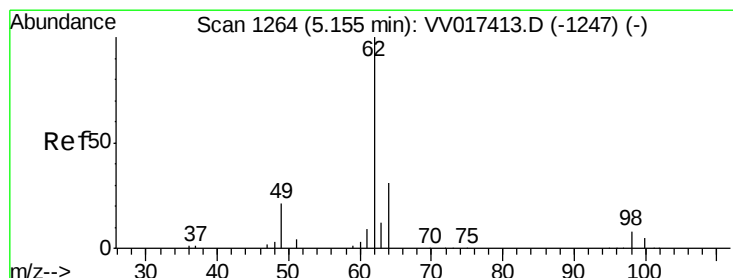
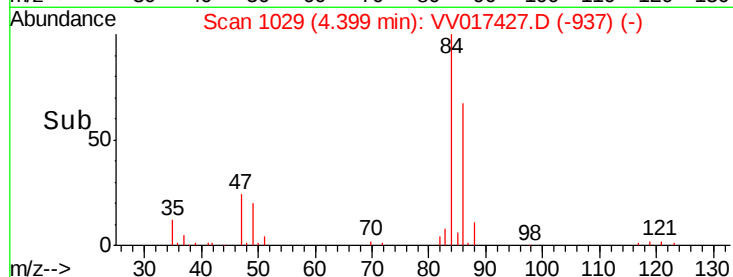
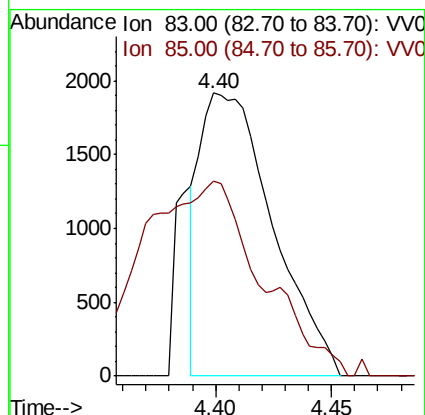
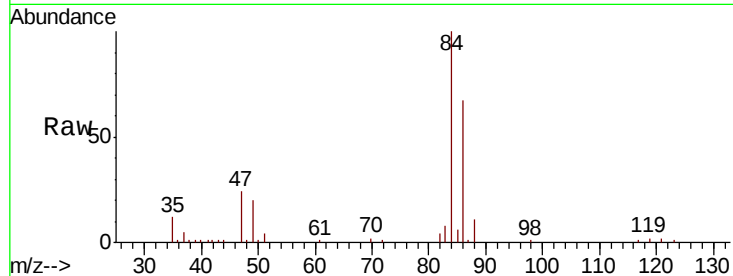




#25
Chloroform
Concen: 1.124 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VV017427.D
Acq: 10 Jul 2020 02:52

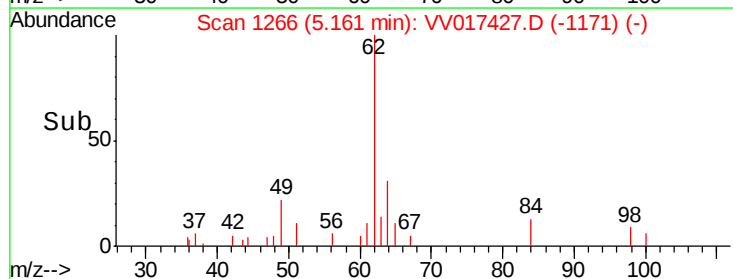
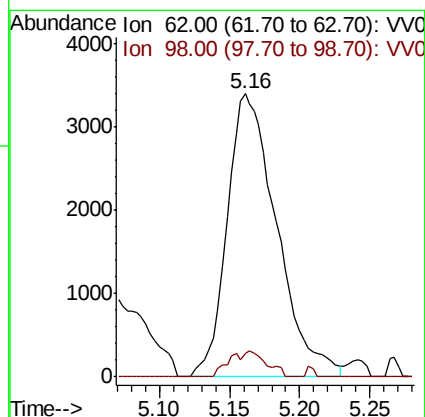
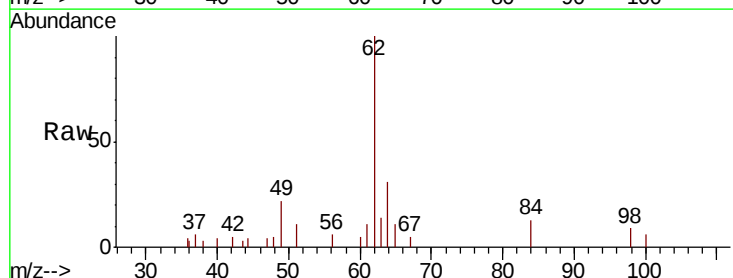
Instrument :
MSVOA_V
ClientSampled :
F4A40

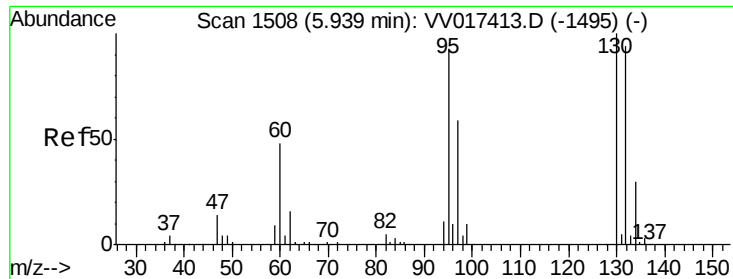
Tot Ion: 83 Resp: 4186
Ion Ratio Lower Upper
83 100
85 69.0 45.1 83.9



#27
1,2-Dichloroethane
Concen: 2.553 ug/L
RT: 5.16 min Scan# 1266
Delta R.T. 0.01 min
Lab File: VV017427.D
Acq: 10 Jul 2020 02:52

Tgt Ion: 62 Resp: 8359
Ion Ratio Lower Upper
62 100
98 8.5 6.4 9.6





#34

Trichloroethene

Concen: 3.027 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV017427.D

Acq: 10 Jul 2020 02:52

Instrument :

MSVOA_V

ClientSampleId :

F4A40

Tot Ion: 95 Resp: 6191

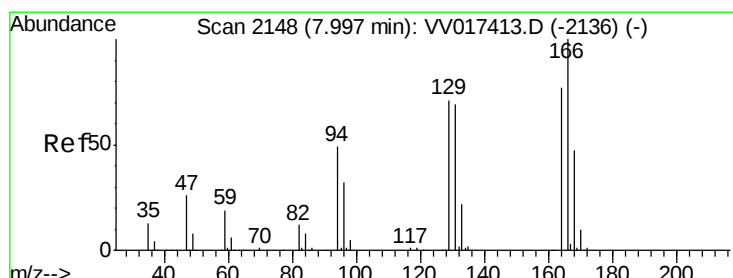
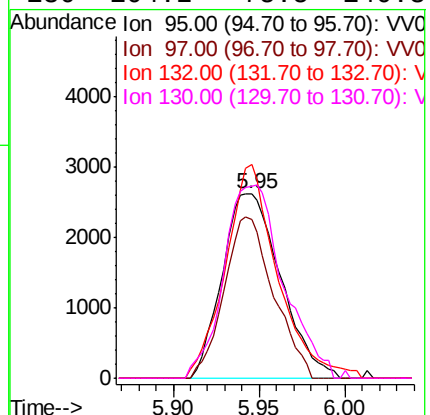
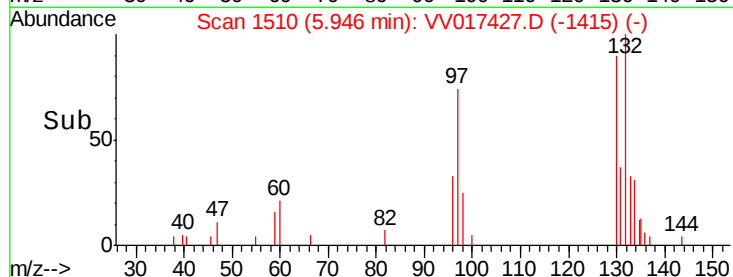
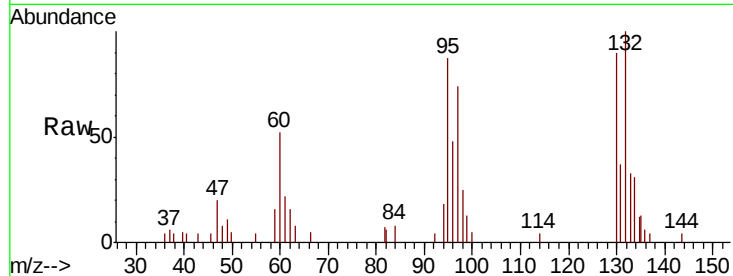
Ion Ratio Lower Upper

95 100

97 85.9 45.6 84.6#

132 115.5 74.1 137.5

130 104.2 75.5 140.3



#46

Tetrachloroethene

Concen: 11.677 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV017427.D

Acq: 10 Jul 2020 02:52

Tgt Ion: 164 Resp: 20054

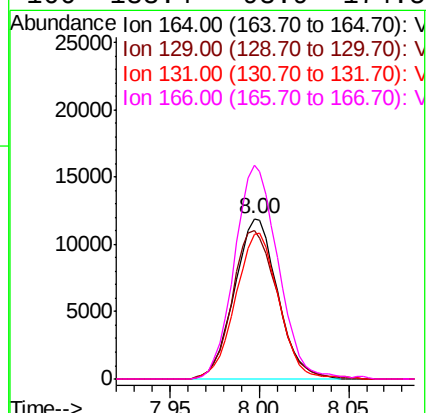
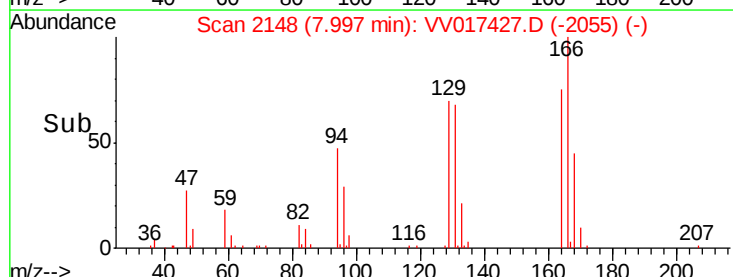
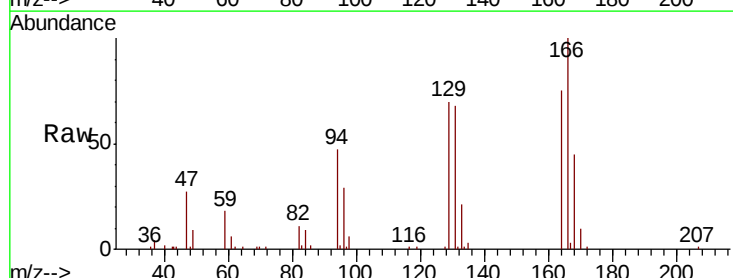
Ion Ratio Lower Upper

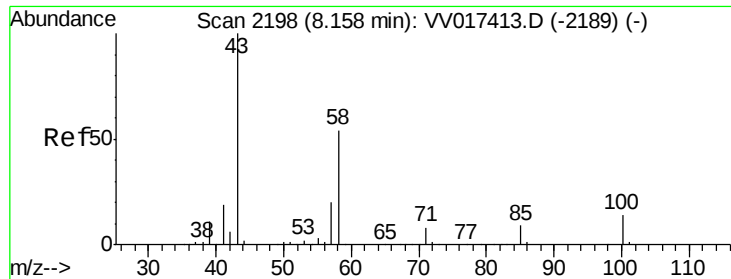
164 100

129 92.9 66.6 123.8

131 90.7 65.5 121.7

166 133.4 93.9 174.5





#48
 2-Hexanone
 Concen: 4.606 ug/L
 RT: 8.11 min Scan# 2182
 Delta R.T. -0.05 min
 Lab File: VV017427.D
 Acq: 10 Jul 2020 02:52

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A40

Tot Ion: 43 Resp: 8688
 Ion Ratio Lower Upper
 43 100
 58 31.1 42.6 64.0#
 57 27.8 16.2 24.4#
 100 0.0 10.9 16.3#

