

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071020\
 Data File : VV017437.D
 Acq On : 10 Jul 2020 14:10
 Operator : SY/MD
 Sample : L3254-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A45

Quant Time: Jul 11 00:25:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 11 00:23:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	229055	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	218956	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	105781	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55375	46.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.88%
7) Chloroethane-d5	1.58	69	41573	49.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.26%
11) 1,1-Dichloroethene-d2	2.12	63	98510	36.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.98%
21) 2-Butanone-d5	3.91	46	87596	107.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.55%
24) Chloroform-d	4.38	84	142592	51.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.06	65	104860	55.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.78%
32) Benzene-d6	5.08	84	248027	52.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.88%
36) 1,2-Dichloropropane-d6	6.09	67	70787	51.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.94%
41) Toluene-d8	7.34	98	230310	50.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.30%
43) trans-1,3-Dichloropropene-	7.64	79	40625	51.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.50%
47) 2-Hexanone-d5	8.11	63	56818	101.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.65%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	93520	48.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	99791	56.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.84%

Target Compounds

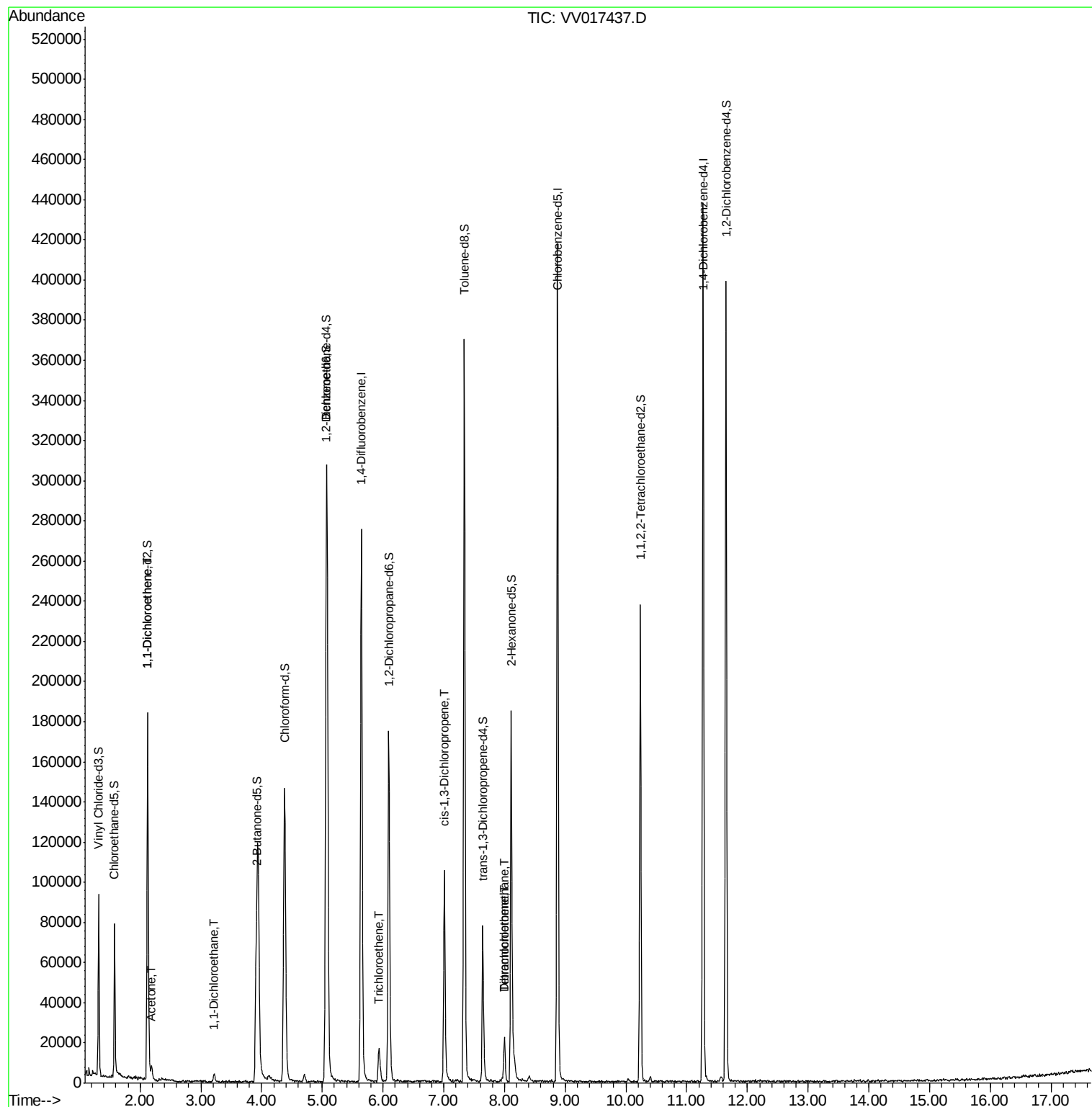
					Ovalue
12) 1,1-Dichloroethene	2.12	96	1095	0.796 ug/L #	1
13) Acetone	2.19	43	8340	7.522 ug/L	100
19) 1,1-Dichloroethane	3.22	63	3698	1.344 ug/L	96
34) Trichloroethene	5.94	95	1982	1.153 ug/L	80
39) cis-1,3-Dichloropropene	7.01	75	2930	1.215 ug/L	98
46) Tetrachloroethene	8.00	164	5359	3.714 ug/L	84
49) Dibromochloromethane	8.00	129	4537	2.368 ug/L #	10

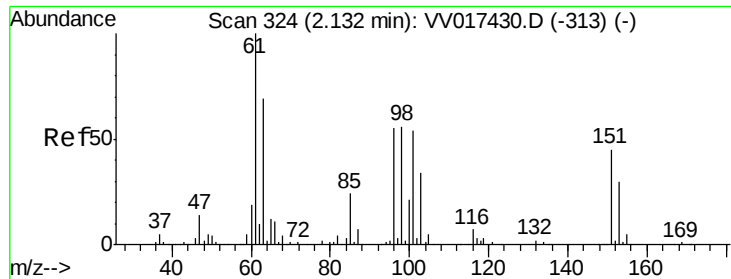
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.796 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017437.D

Acq: 10 Jul 2020 14:10

Instrument :

MSVOA_V

ClientSampleId :

F4A45

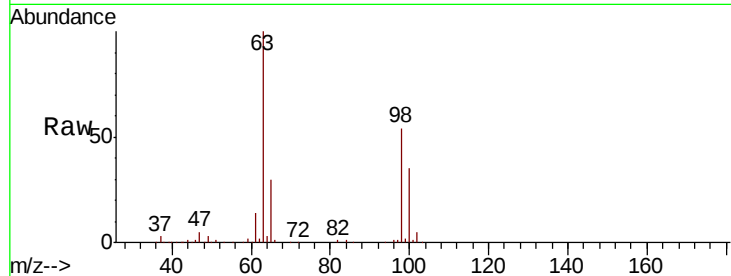
Tot Ion: 96 Resp: 1095

Ion Ratio Lower Upper

96 100

61 1202.6 132.7 246.4#

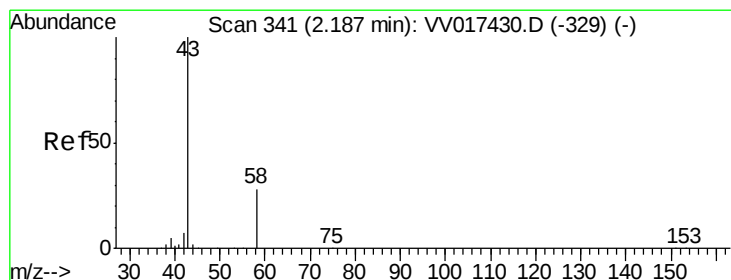
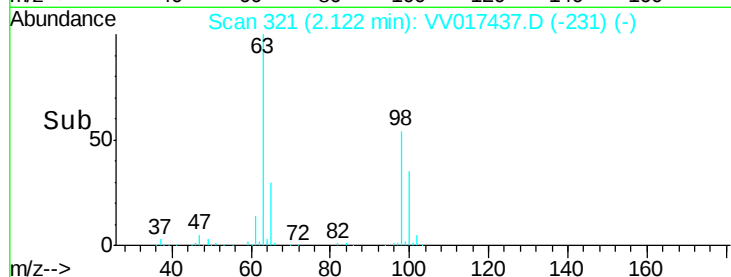
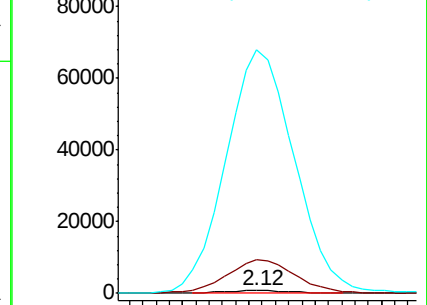
63 8772.1 103.3 191.8#



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: 7.522 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV017437.D

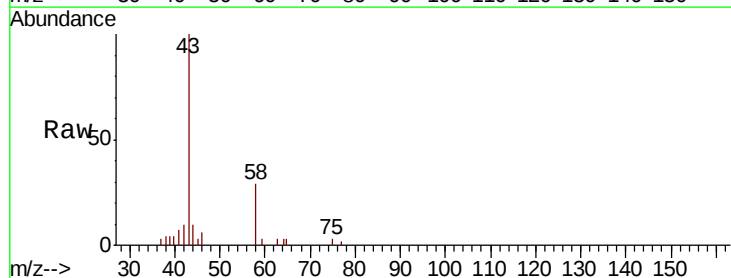
Acq: 10 Jul 2020 14:10

Tgt Ion: 43 Resp: 8340

Ion Ratio Lower Upper

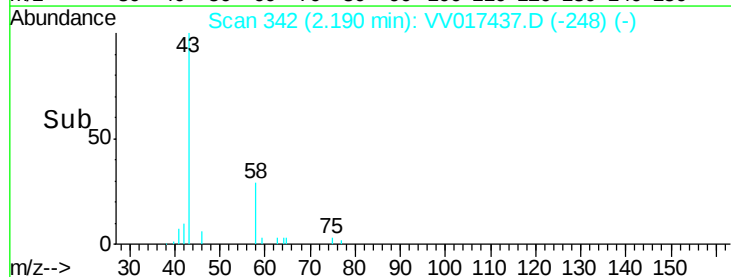
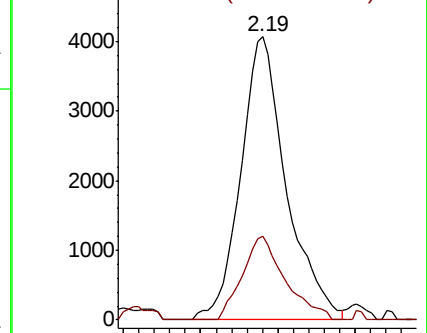
43 100

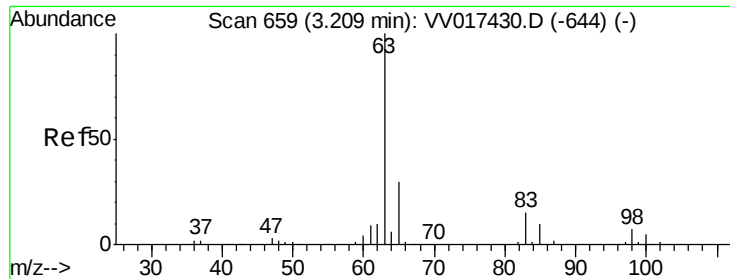
58 27.8 0.0 56.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

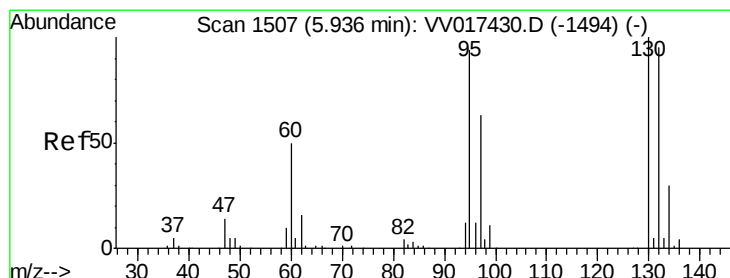
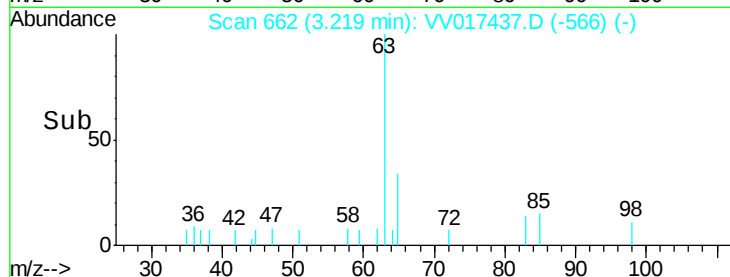
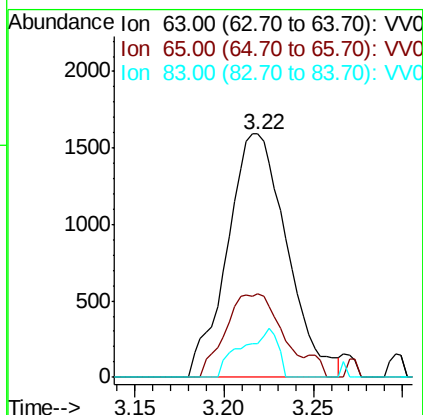
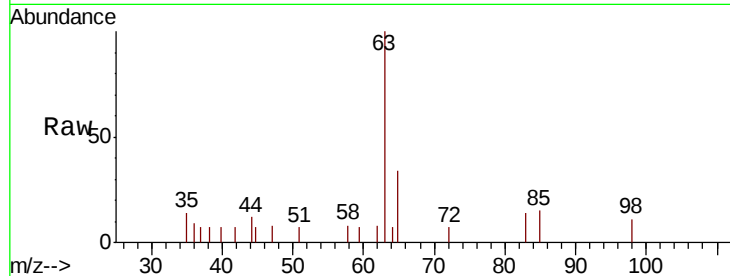




#19
 1,1-Dichloroethane
 Concen: 1.344 ug/L
 RT: 3.22 min Scan# 662
 Delta R.T. 0.01 min
 Lab File: VV017437.D
 Acq: 10 Jul 2020 14:10

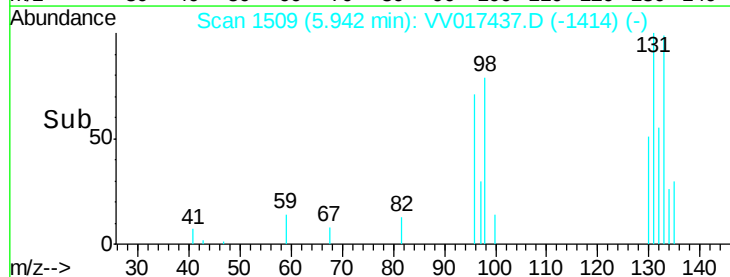
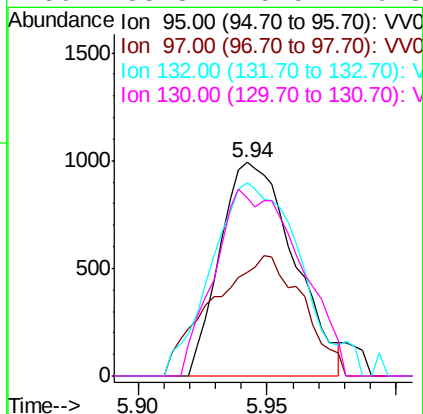
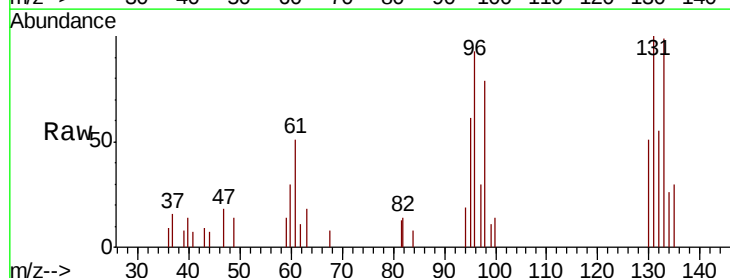
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 F4A45

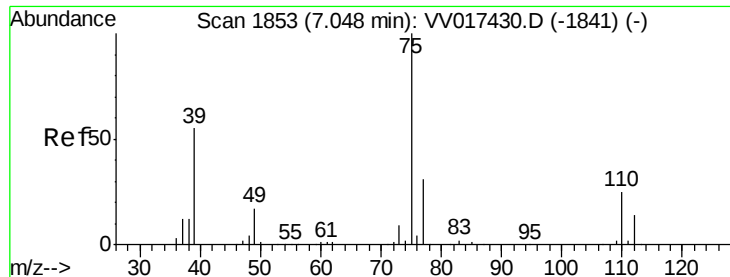
Tot Ion: 63 Resp: 3698
 Ion Ratio Lower Upper
 63 100
 65 34.3 22.1 41.1
 83 13.9 10.1 18.9



#34
 Trichloroethene
 Concen: 1.153 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV017437.D
 Acq: 10 Jul 2020 14:10

Tgt Ion: 95 Resp: 1982
 Ion Ratio Lower Upper
 95 100
 97 48.4 45.6 84.6
 132 90.7 74.1 137.5
 130 83.3 75.5 140.3

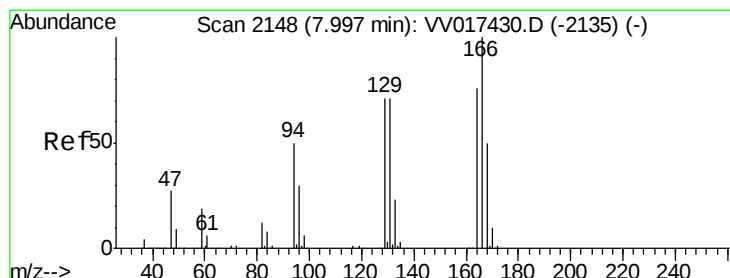
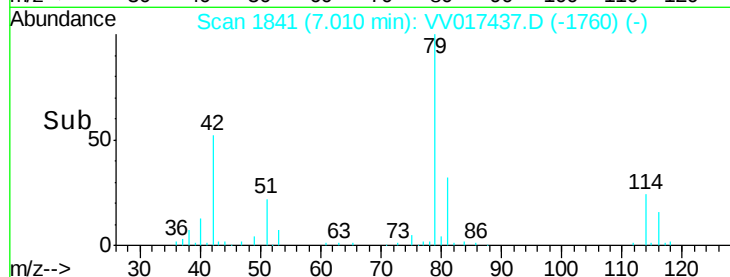
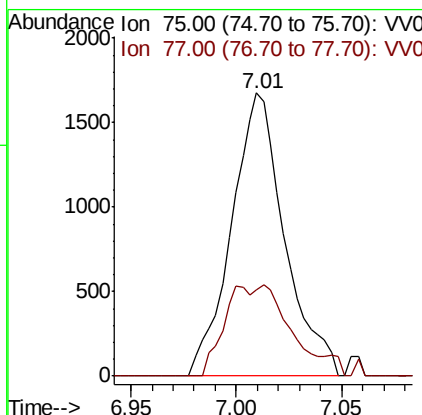
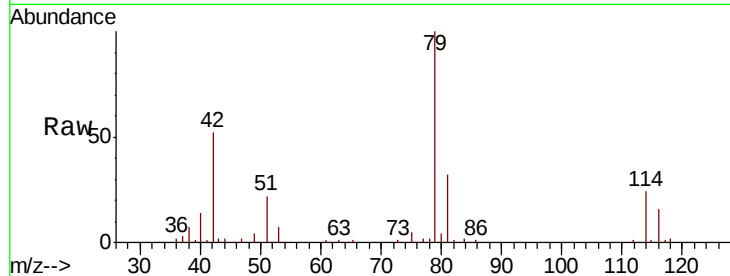




#39
 cis-1,3-Dichloropropene
 Concen: 1.215 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV017437.D
 Acq: 10 Jul 2020 14:10

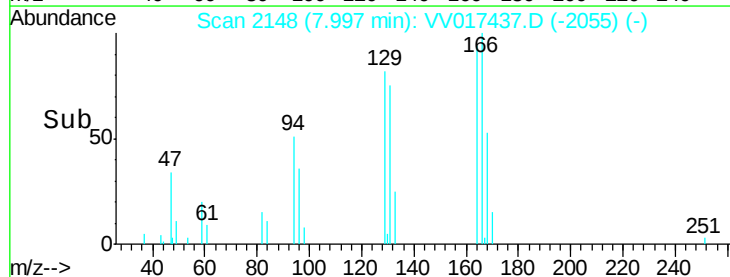
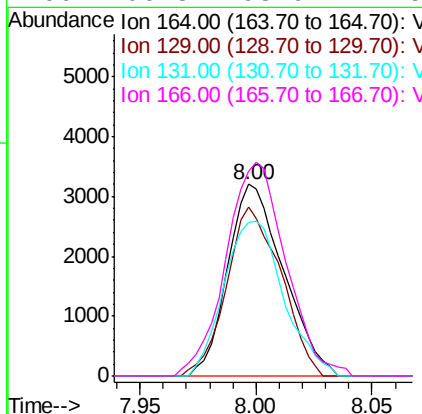
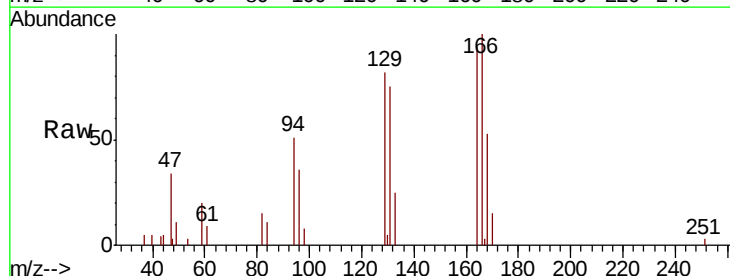
Instrument :
 MSVOA_V
 ClientSampleId :
 F4A45

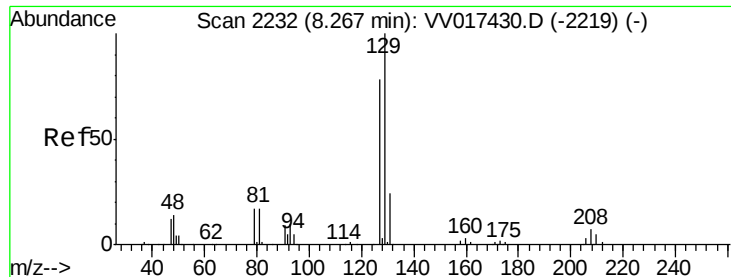
Tot Ion: 75 Resp: 2930
 Ion Ratio Lower Upper
 75 100
 77 30.5 22.2 41.2



#46
 Tetrachloroethene
 Concen: 3.714 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: VV017437.D
 Acq: 10 Jul 2020 14:10

Tgt Ion: 164 Resp: 5359
 Ion Ratio Lower Upper
 164 100
 129 88.0 66.6 123.8
 131 80.3 65.5 121.7
 166 106.8 93.9 174.5





#49

Dibromochloromethane

Concen: 2.368 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV017437.D

Acq: 10 Jul 2020 14:10

Instrument :

MSVOA_V

ClientSampleId :

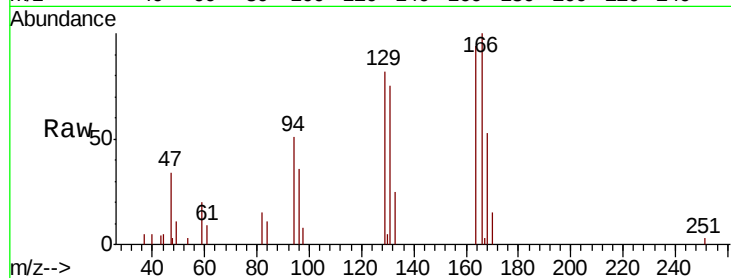
F4A45

Tot Ion:129 Resp: 4537

Ion Ratio Lower Upper

129 100

127 0.0 54.6 101.4#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

