

Data File : VV012178.D
Acq On : 10 Aug 2019 03:18
Operator : SY/MD
Sample : K4248-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2B57

Quant Time: Aug 10 05:12:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 10 05:07:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	254742	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	241437	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	106848	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42075	44.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.78%
7) Chloroethane-d5	1.58	69	28124	47.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.12%
11) 1,1-Dichloroethene-d2	2.13	63	62258	35.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.28%
21) 2-Butanone-d5	3.93	46	26580	57.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	57.36%
24) Chloroform-d	4.40	84	83708	42.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.98%
26) 1,2-Dichloroethane-d4	5.08	65	58984	52.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.66%
32) Benzene-d6	5.10	84	186006	49.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.38%
36) 1,2-Dichloropropane-d6	6.12	67	49748	48.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.72%
41) Toluene-d8	7.36	98	168345	47.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.42%
43) trans-1,3-Dichloropropene-	7.66	79	24689	44.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.48%
47) 2-Hexanone-d5	8.13	63	35405	90.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.89%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	65834	47.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.32%
64) 1,2-Dichlorobenzene-d4	11.67	152	63916	50.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.22%

Target Compounds

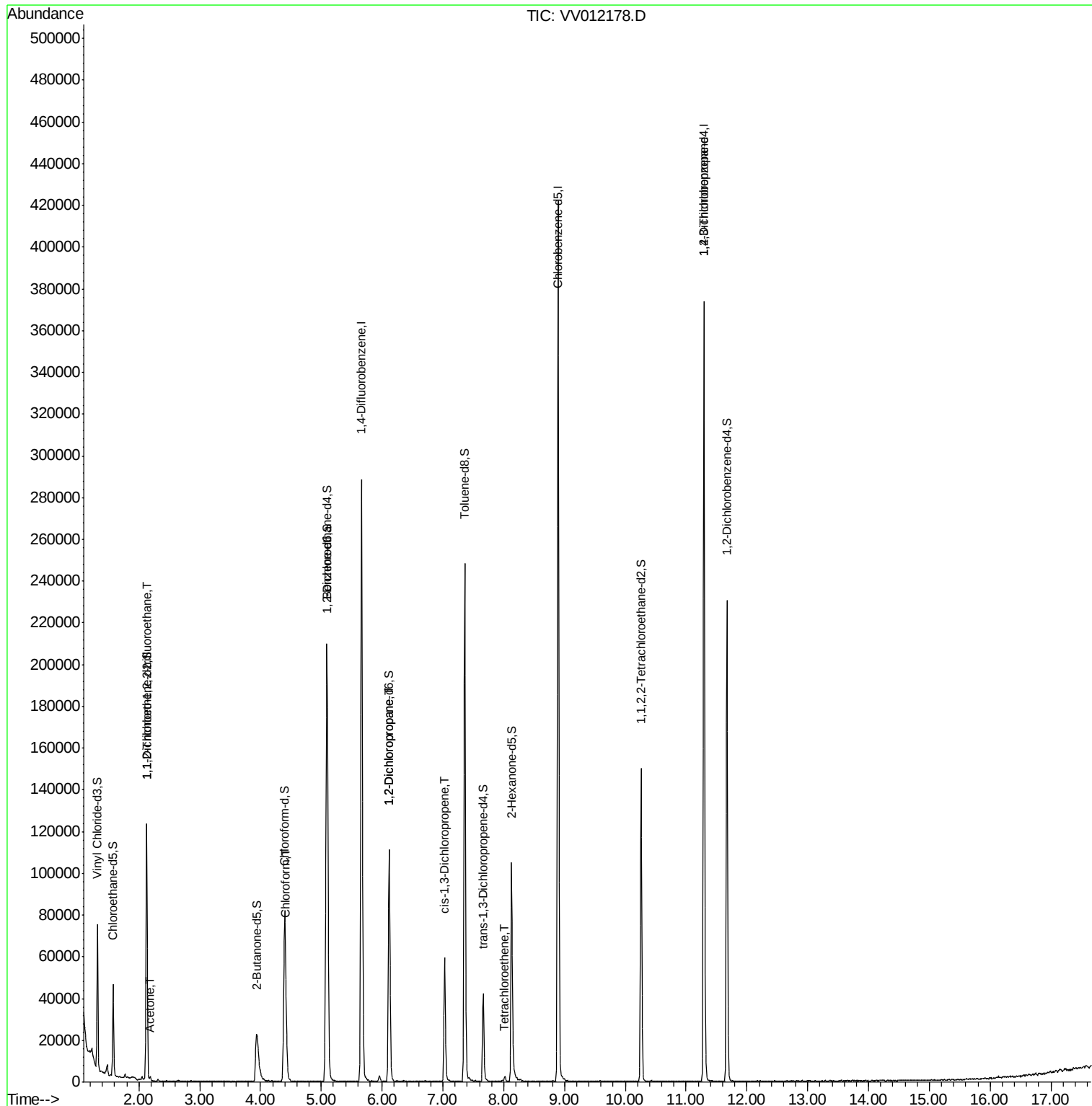
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	693	0.617	ug/L #	14
13) Acetone	2.19	43	624	0.927	ug/L #	43
25) Chloroform	4.42	83	10007	3.360	ug/L	90
37) 1,2-Dichloropropane	6.11	63	6288	4.283	ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1492	0.589	ug/L #	52
46) Tetrachloroethene	8.02	164	689	0.433	ug/L #	83
59) 1,2,3-Trichloropropane	11.29	75	9303	4.697	ug/L #	87

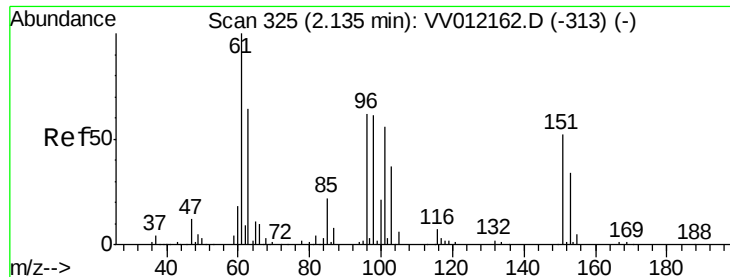
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.617 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV012178.D

Acq: 10 Aug 2019 03:18

Instrument :

MSVOA_V

ClientSampled :

F2B57

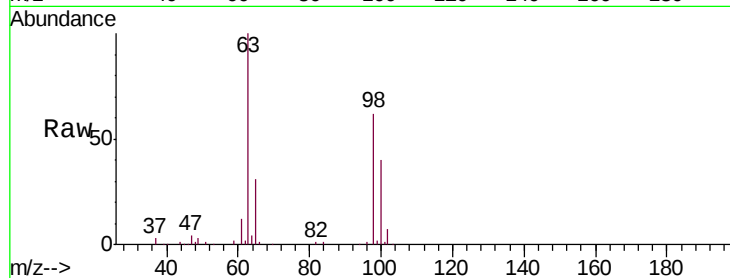
Tgt Ion: 101 Resp: 693

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

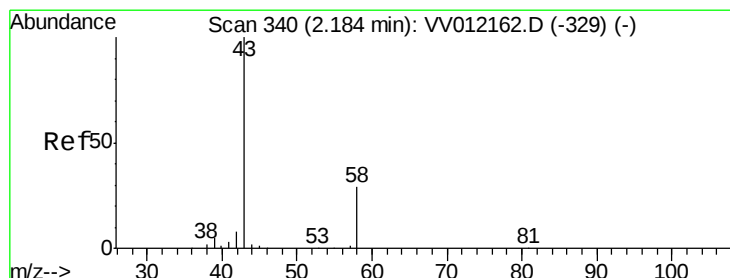
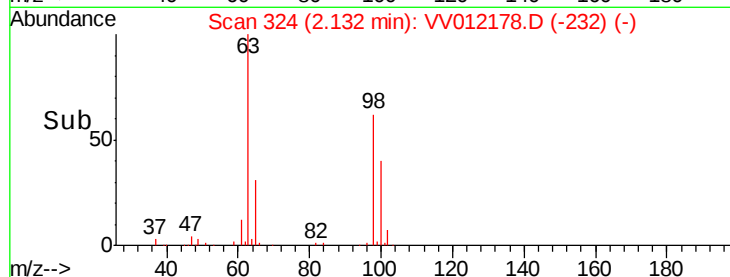
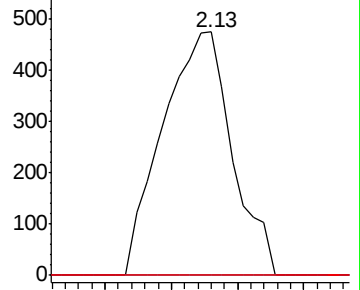
151 0.0 71.8 107.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 0.927 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

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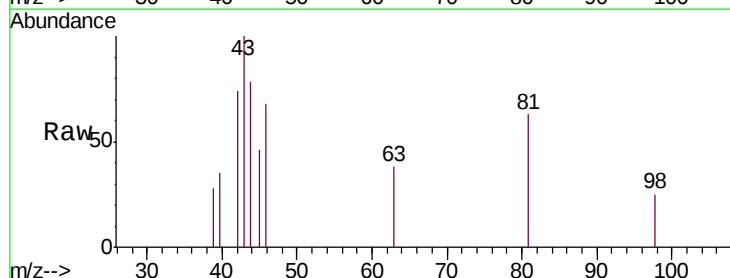
Acq: 10 Aug 2019 03:18

Tgt Ion: 43 Resp: 624

Ion Ratio Lower Upper

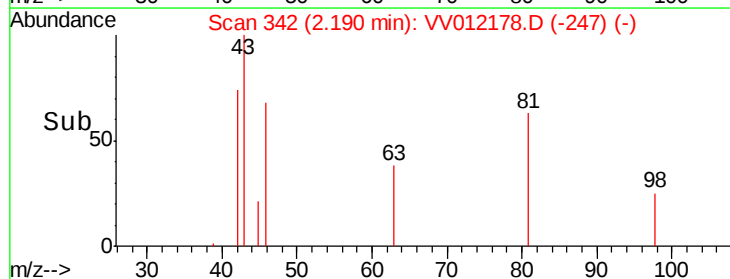
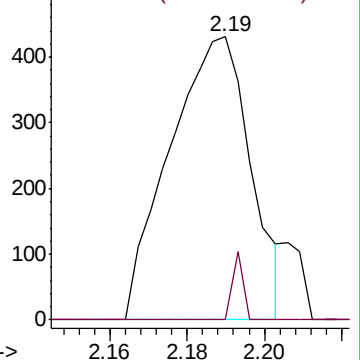
43 100

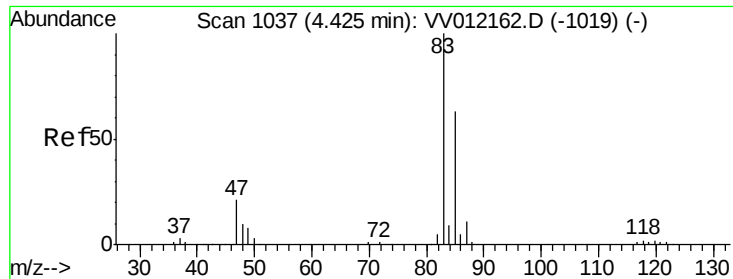
58 0.0 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

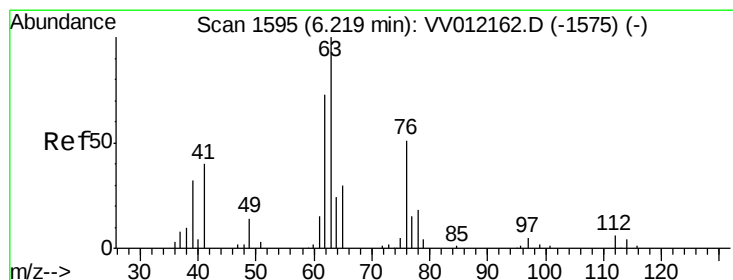
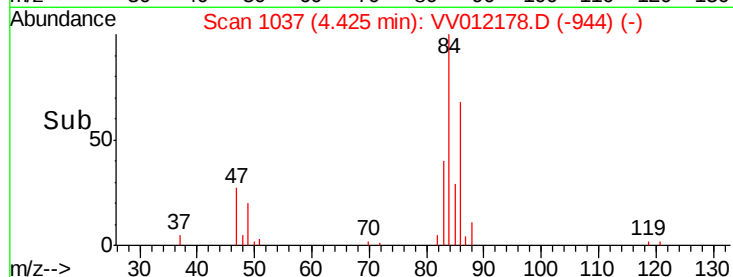
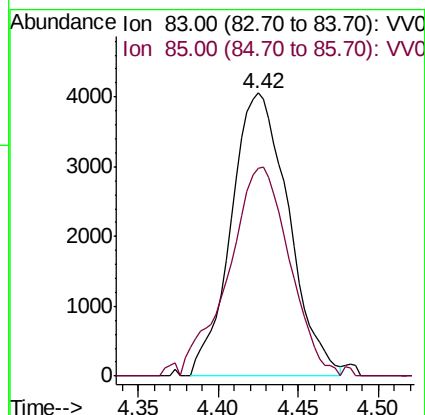
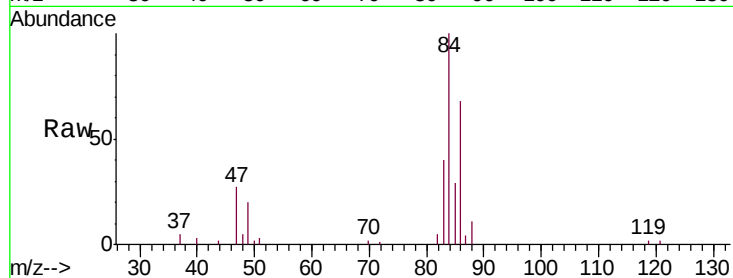




#25
Chloroform
Concen: 3.360 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
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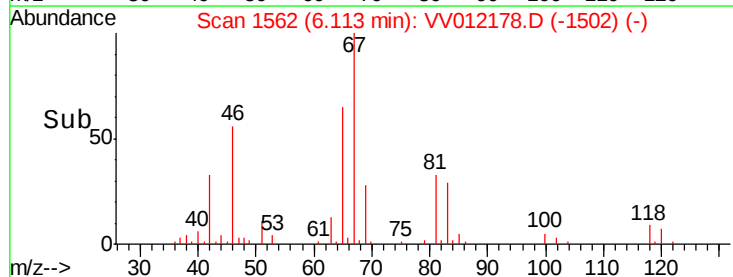
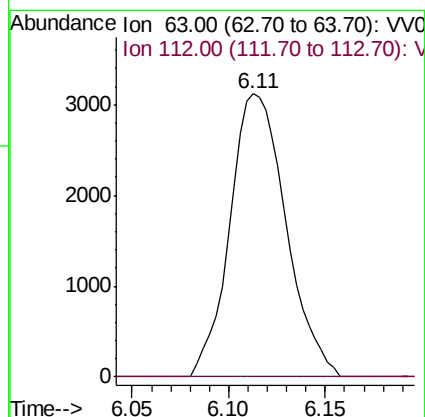
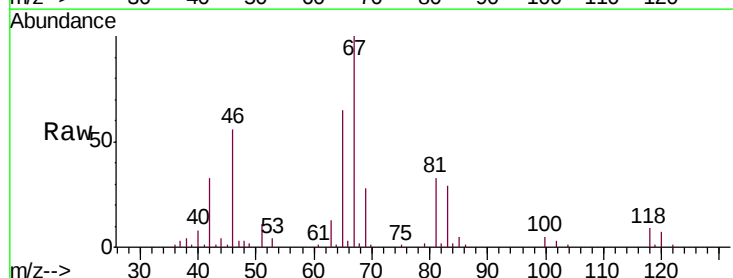
Instrument :
MSVOA_V
ClientSampleId :
F2B57

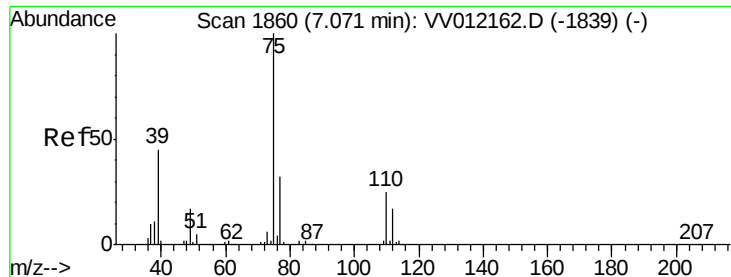
Tgt Ion: 83 Resp: 10007
Ion Ratio Lower Upper
83 100
85 73.6 45.7 84.9



#37
1,2-Dichloropropane
Concen: 4.283 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV012178.D
Acq: 10 Aug 2019 03:18

Tgt Ion: 63 Resp: 6288
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#





#39

cis-1,3-Dichloropropene

Concen: 0.589 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV012178.D

Acq: 10 Aug 2019 03:18

Instrument :

MSVOA_V

ClientSampleId :

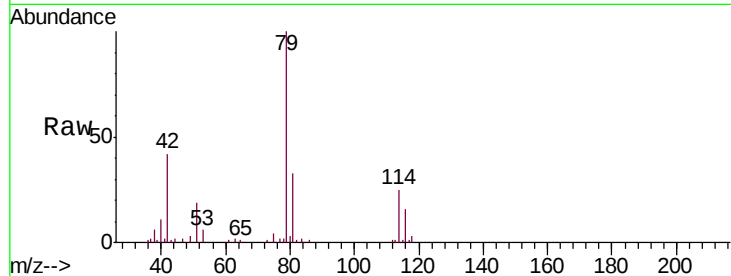
F2B57

Tgt Ion: 75 Resp: 1492

Ion Ratio Lower Upper

75 100

77 57.4 21.7 40.3#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

7.03

800

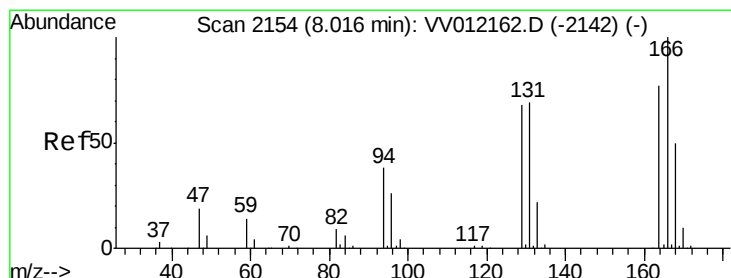
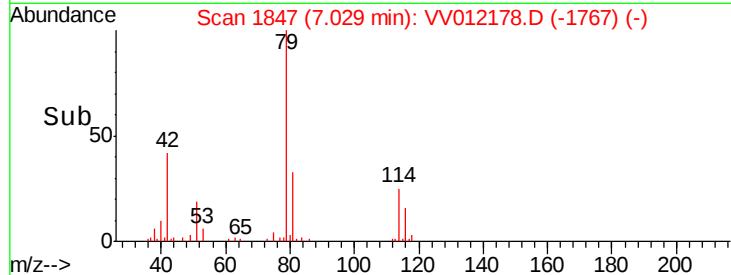
600

400

200

0

Time-->



#46

Tetrachloroethene

Concen: 0.433 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV012178.D

Acq: 10 Aug 2019 03:18

Tgt Ion: 164 Resp: 689

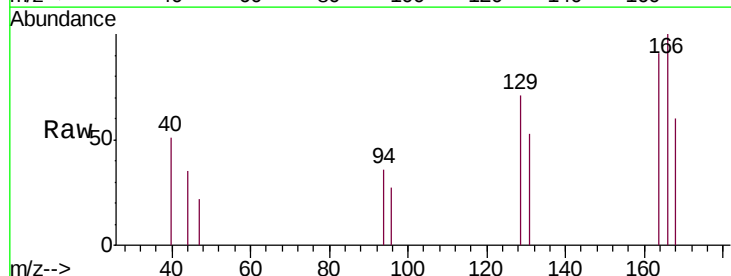
Ion Ratio Lower Upper

164 100

129 77.9 60.6 112.6

131 58.2 59.5 110.5#

166 109.5 87.2 161.9



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

800

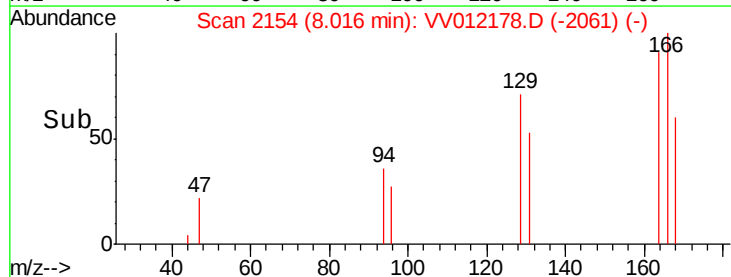
600

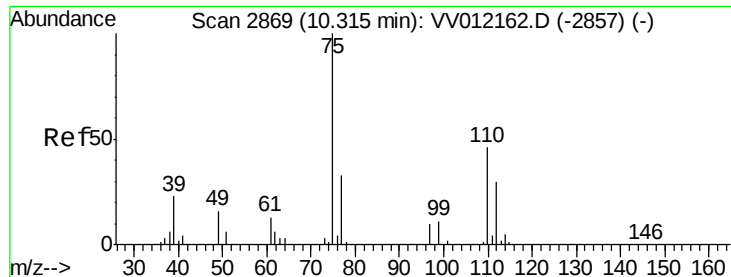
400

200

0

Time-->





#59

1,2,3-Trichloropropane

Concen: 4.697 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.98 min

Lab File: VV012178.D

Acq: 10 Aug 2019 03:18

Instrument :

MSVOA_V

ClientSampleId :

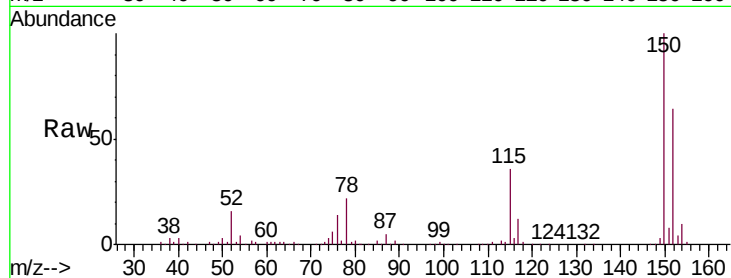
F2B57

Tgt Ion: 75 Resp: 9303

Ion Ratio Lower Upper

75 100

77 40.3 26.3 39.5#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

