

Data File : VV012177.D
Acq On : 10 Aug 2019 02:54
Operator : SY/MD
Sample : K4248-15
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2B53

Quant Time: Aug 10 05:12:34 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	264504	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	244013	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	110235	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42421	43.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.18%
7) Chloroethane-d5	1.58	69	27793	44.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.58%
11) 1,1-Dichloroethene-d2	2.13	63	63890	34.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.46%
21) 2-Butanone-d5	3.93	46	25822	53.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	53.67%
24) Chloroform-d	4.40	84	85477	42.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.56%
26) 1,2-Dichloroethane-d4	5.08	65	59934	51.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.40%
32) Benzene-d6	5.10	84	191721	50.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.36%
36) 1,2-Dichloropropane-d6	6.12	67	50883	49.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.88%
41) Toluene-d8	7.36	98	171170	47.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	7.66	79	24945	44.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.46%
47) 2-Hexanone-d5	8.13	63	37048	94.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.10%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	67525	47.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.72%
64) 1,2-Dichlorobenzene-d4	11.67	152	69437	53.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

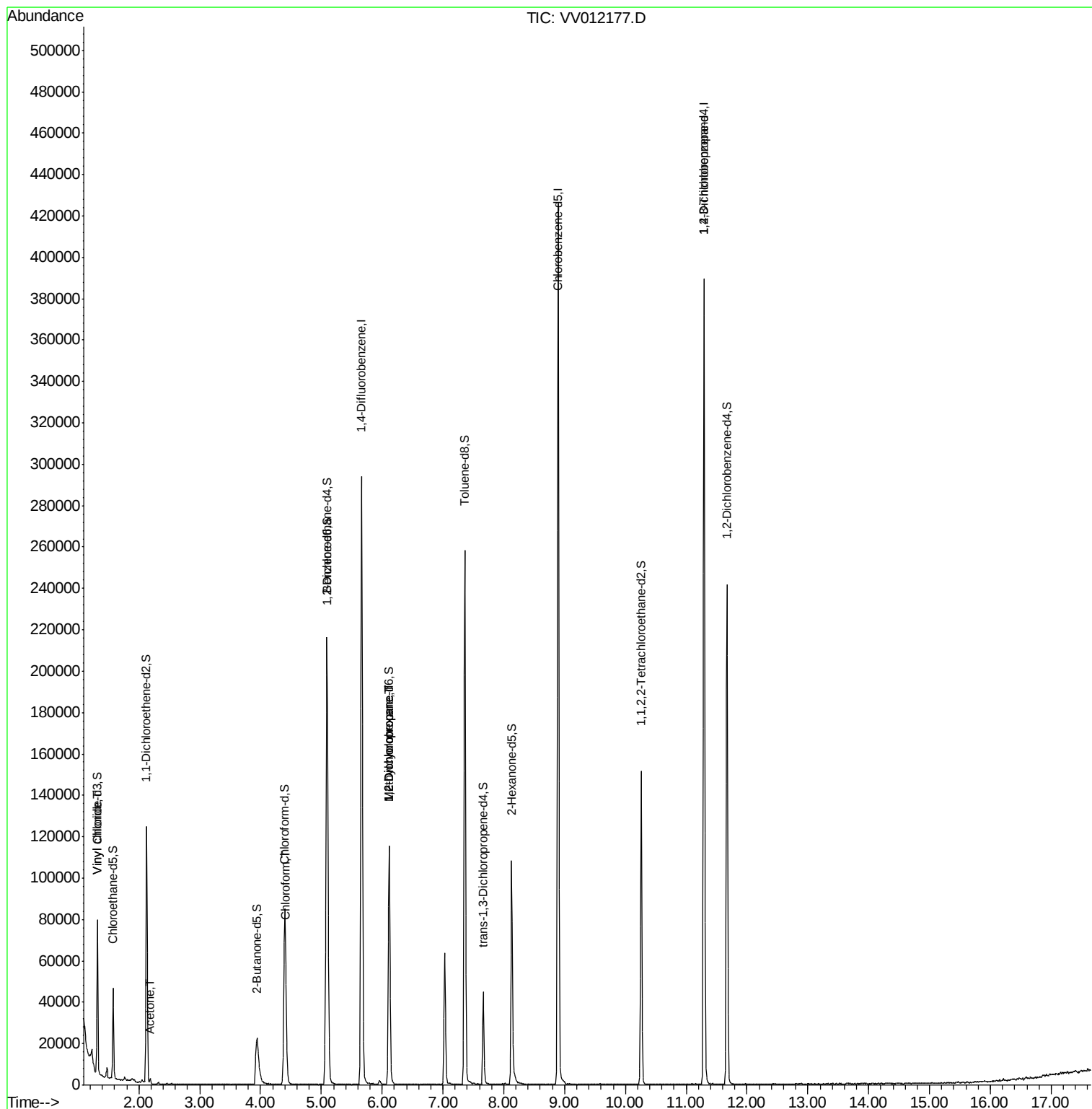
					Qvalue	
5) Vinyl chloride	1.32	62	1047	0.716	ug/L #	1
13) Acetone	2.18	43	645	0.923	ug/L	84
25) Chloroform	4.42	83	9271	2.998	ug/L	91
35) Methylcyclohexane	6.12	83	14101	5.379	ug/L #	21
37) 1,2-Dichloropropane	6.12	63	6108	4.117	ug/L #	84
59) 1,2,3-Trichloropropane	11.29	75	9700	4.846	ug/L	89

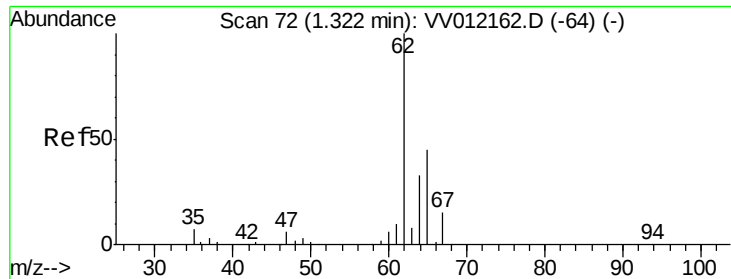
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.716 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV012177.D

Acq: 10 Aug 2019 02:54

Instrument :

MSVOA_V

ClientSampled :

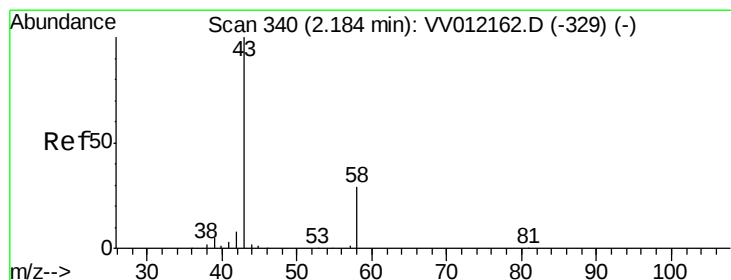
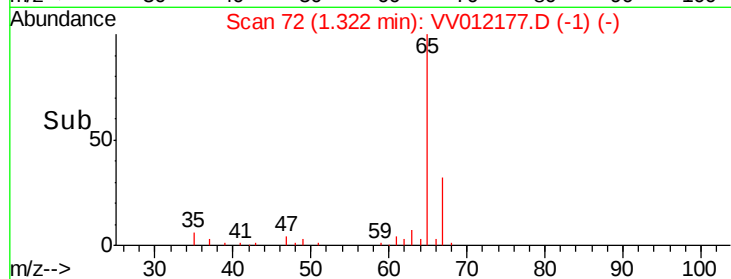
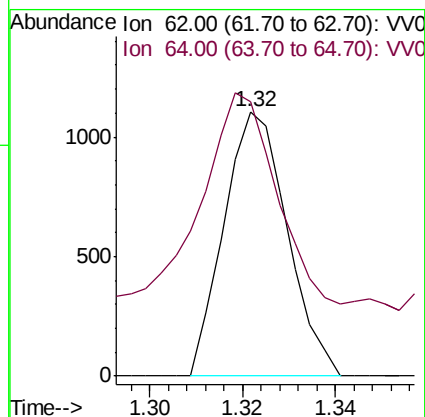
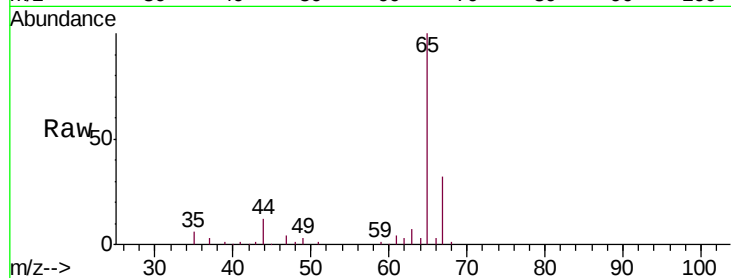
F2B53

Tgt Ion: 62 Resp: 1047

Ion Ratio Lower Upper

62 100

64 104.0 23.7 44.1#



#13

Acetone

Concen: 0.923 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV012177.D

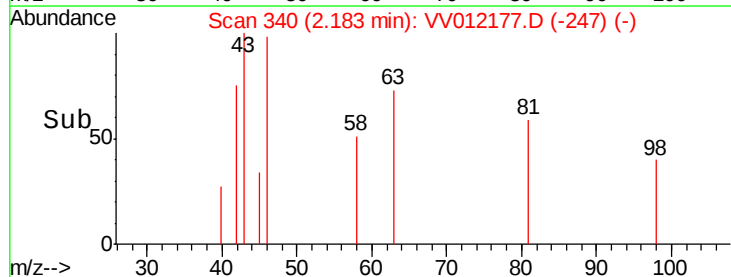
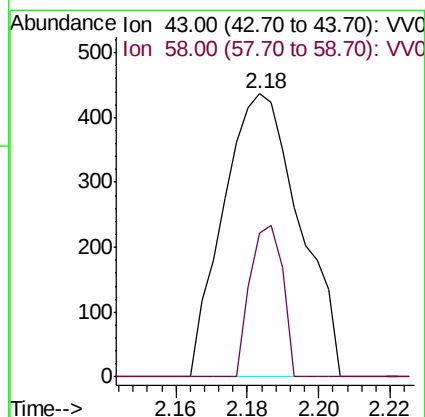
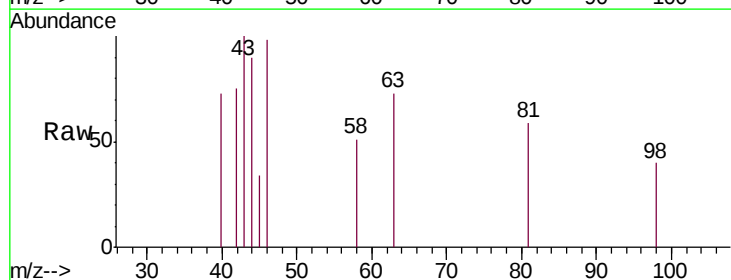
Acq: 10 Aug 2019 02:54

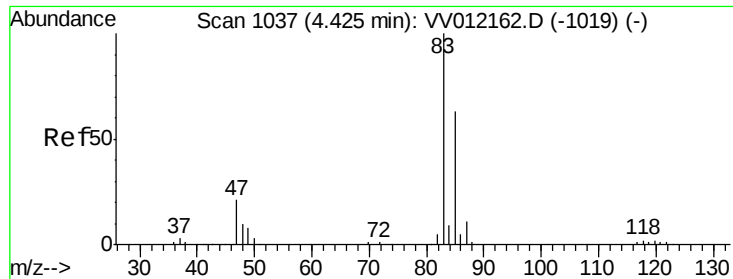
Tgt Ion: 43 Resp: 645

Ion Ratio Lower Upper

43 100

58 22.8 0.0 63.4

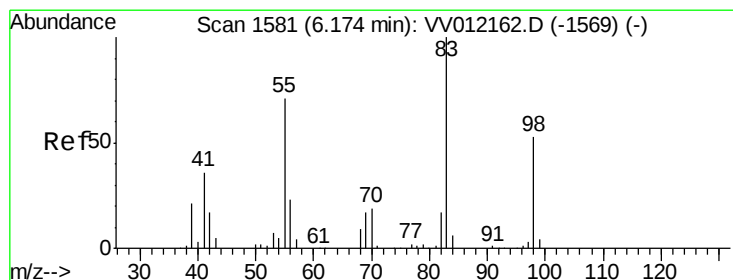
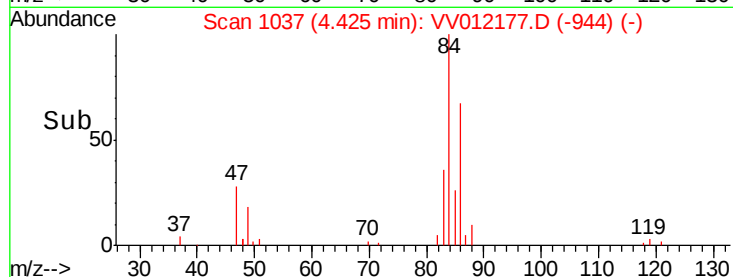
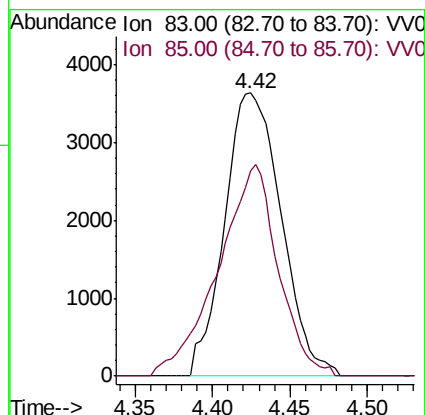
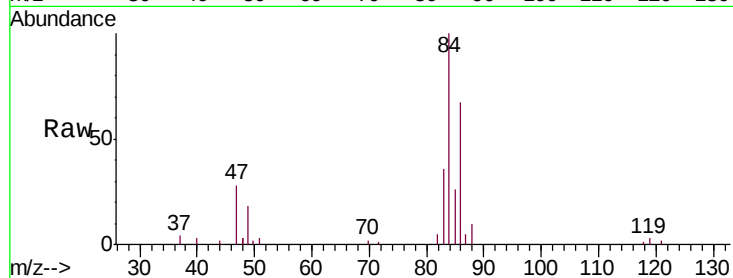




#25
Chloroform
Concen: 2.998 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV012177.D
Acq: 10 Aug 2019 02:54

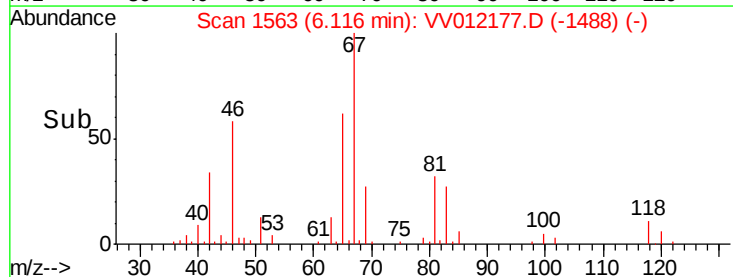
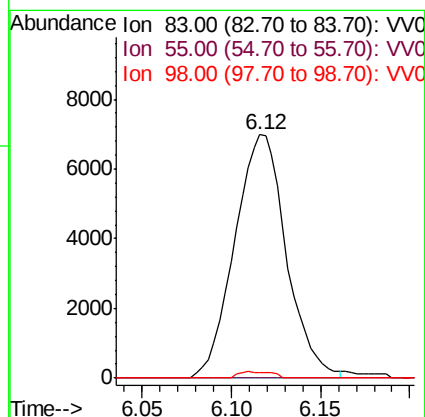
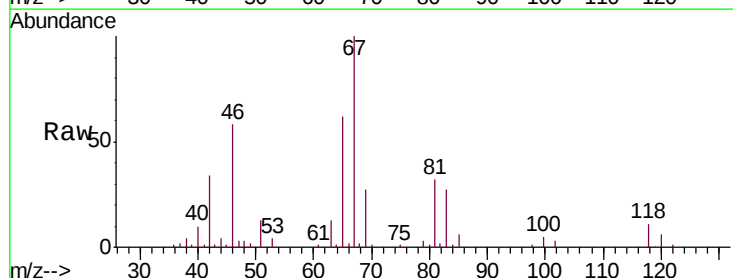
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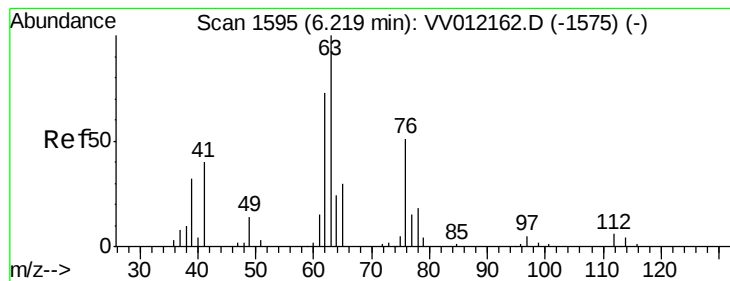
Tgt Ion: 83 Resp: 9271
Ion Ratio Lower Upper
83 100
85 72.7 45.7 84.9



#35
Methylcyclohexane
Concen: 5.379 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012177.D
Acq: 10 Aug 2019 02:54

Tgt Ion: 83 Resp: 14101
Ion Ratio Lower Upper
83 100
55 0.0 54.9 82.3#
98 1.1 40.7 61.1#





#37

1,2-Dichloropropane

Concen: 4.117 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV012177.D

Acq: 10 Aug 2019 02:54

Instrument :

MSVOA_V

ClientSampleId :

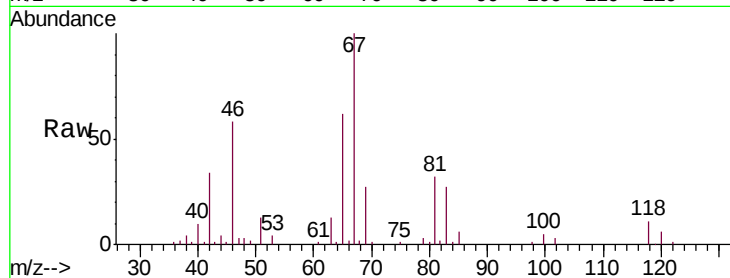
F2B53

Tgt Ion: 63 Resp: 6108

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.4#



Abundance Ion 63.00 (62.70 to 63.70): VV012162.D (-1575) (-)

Ion 112.00 (111.70 to 112.70): VV012162.D (-1575) (-)

6.12

3000

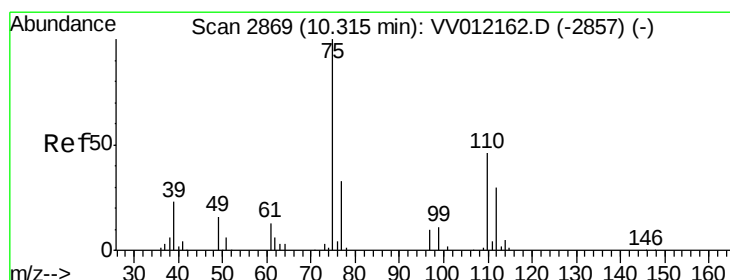
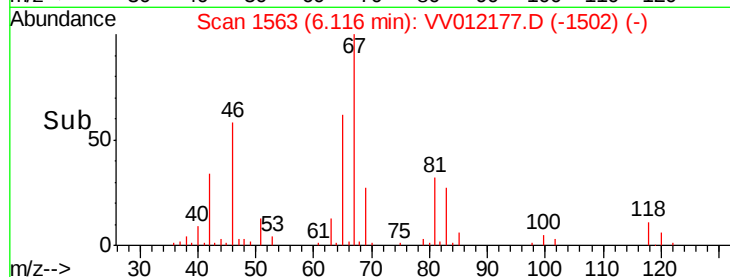
2000

1000

0

6.05 6.10 6.15

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.846 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.98 min

Lab File: VV012177.D

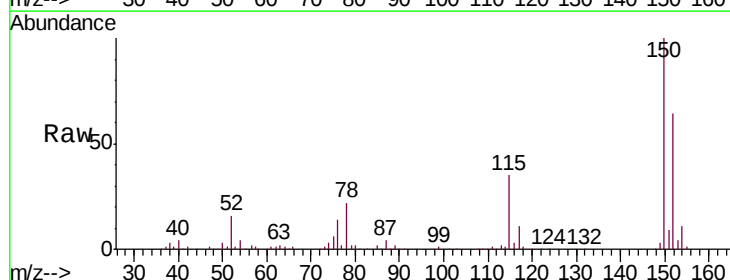
Acq: 10 Aug 2019 02:54

Tgt Ion: 75 Resp: 9700

Ion Ratio Lower Upper

75 100

77 39.0 26.3 39.5



Abundance Ion 75.00 (74.70 to 75.70): VV012162.D (-2857) (-)

Ion 77.00 (76.70 to 77.70): VV012162.D (-2857) (-)

11.29

6000

4000

2000

0

11.25 11.30 11.35

Time-->

