

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081320\
 Data File : VV017977.D
 Acq On : 13 Aug 2020 18:14
 Operator : SY/MD
 Sample : L3665-09 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L69

Quant Time: Aug 14 04:17:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 14 04:14:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	274718	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	267381	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	134058	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	79135	37.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.50%
7) Chloroethane-d5	1.57	69	65488	38.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.38%
11) 1,1-Dichloroethene-d2	2.12	63	129214	32.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.46%
21) 2-Butanone-d5	3.91	46	122241	89.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.04%
24) Chloroform-d	4.37	84	161953	42.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.88%
26) 1,2-Dichloroethane-d4	5.05	65	113669	45.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.74%
32) Benzene-d6	5.07	84	334308	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.74%
36) 1,2-Dichloropropane-d6	6.09	67	108855	45.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.36%
41) Toluene-d8	7.34	98	294099	44.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.76%
43) trans-1,3-Dichloropropene-	7.64	79	48370	44.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.54%
47) 2-Hexanone-d5	8.11	63	65561	84.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.80%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	139032	44.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	127169	48.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

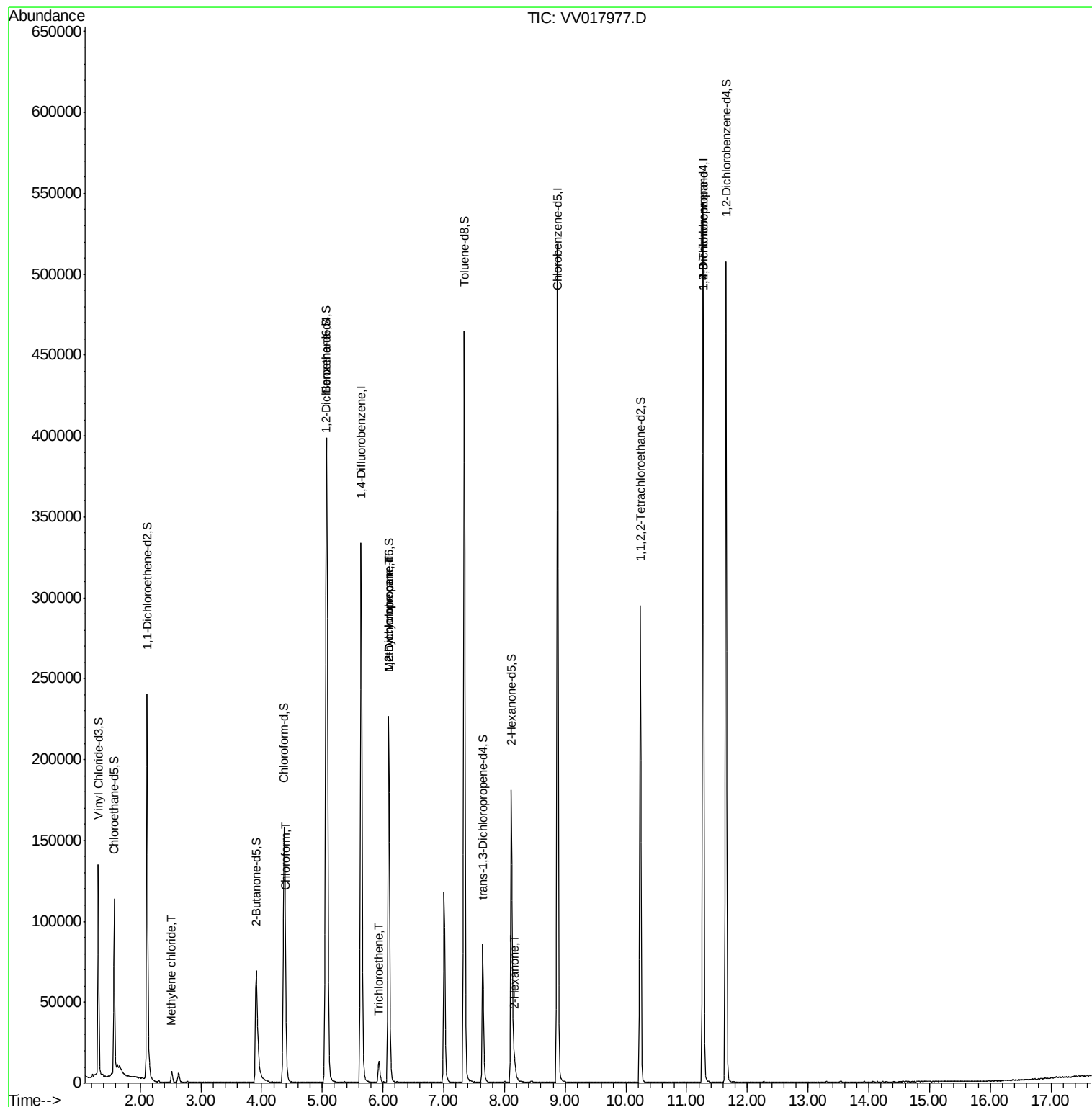
					Ovalue
16) Methylene chloride	2.52	84	2862	1.219 ug/L	93
25) Chloroform	4.40	83	6626	1.706 ug/L	90
34) Trichloroethene	5.94	95	1472	0.673 ug/L	95
35) Methylcyclohexane	6.09	83	26263	8.077 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	11747	5.207 ug/L #	87
48) 2-Hexanone	8.17	43	6807	2.862 ug/L #	58
59) 1,2,3-Trichloropropane	11.27	75	16093	5.776 ug/L	93

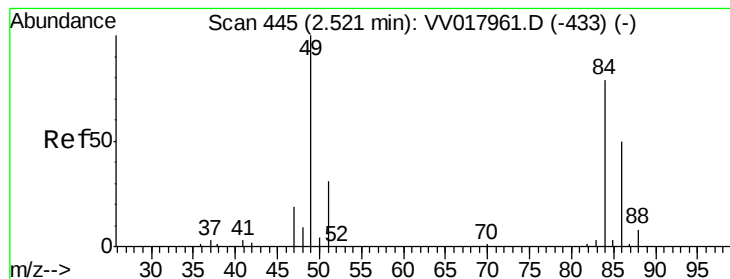
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Aug 14 04:14:46 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 1.219 ug/L

RT: 2.52 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV017977.D

Acq: 13 Aug 2020 18:14

Instrument :

MSVOA_V

ClientSampleId :

F4L69

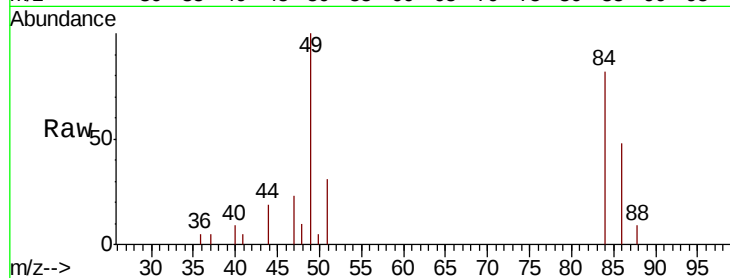
Tot Ion: 84 Resp: 2862

Ion Ratio Lower Upper

84 100

86 58.4 46.3 85.9

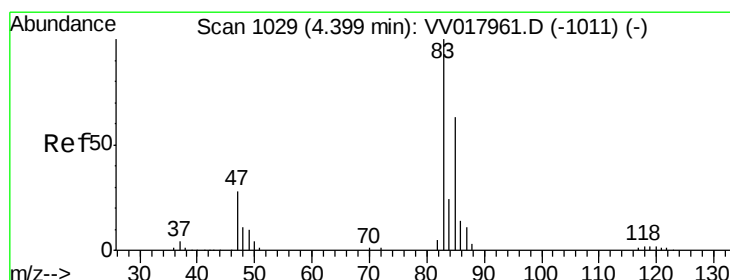
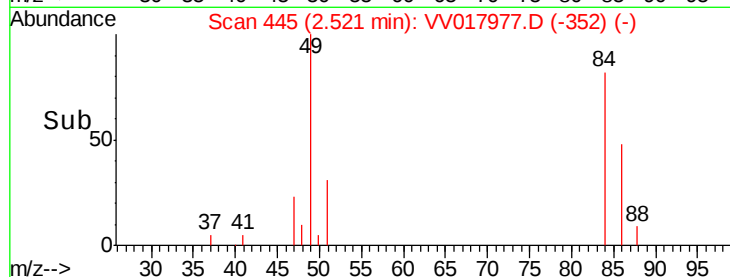
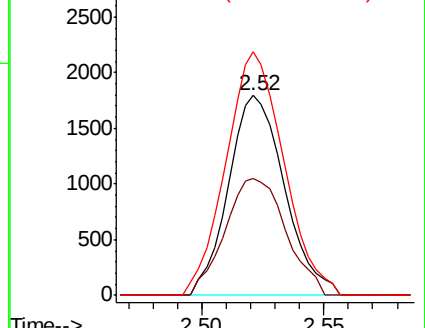
49 122.0 89.7 166.5



Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0



#25

Chloroform

Concen: 1.706 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV017977.D

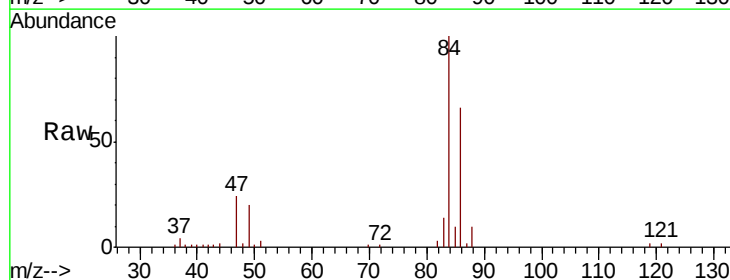
Acq: 13 Aug 2020 18:14

Tgt Ion: 83 Resp: 6626

Ion Ratio Lower Upper

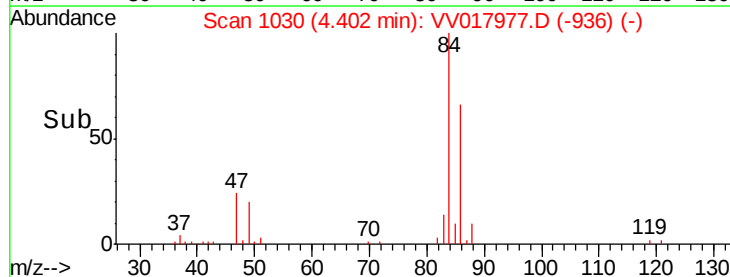
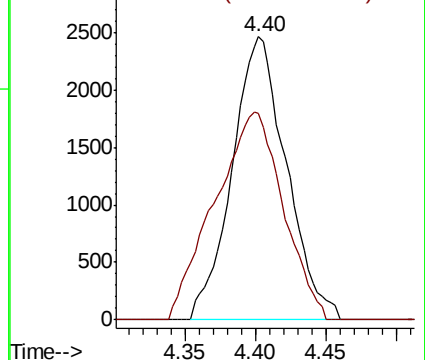
83 100

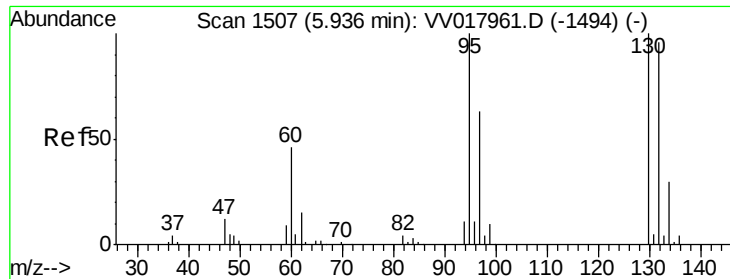
85 72.9 45.5 84.5



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 0.673 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV017977.D

Acq: 13 Aug 2020 18:14

Instrument :

MSVOA_V

ClientSampleId :

F4L69

Tot Ion: 95 Resp: 1472

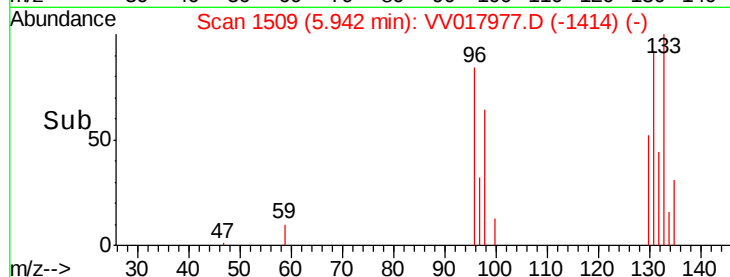
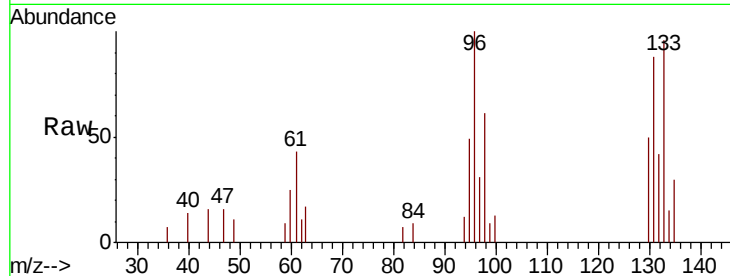
Ion Ratio Lower Upper

95 100

97 62.9 46.0 85.4

132 86.6 65.8 122.2

130 102.6 69.2 128.6

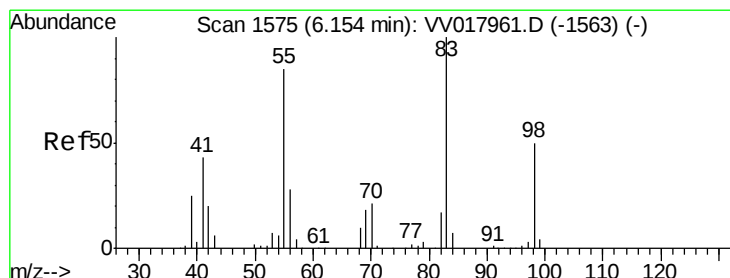
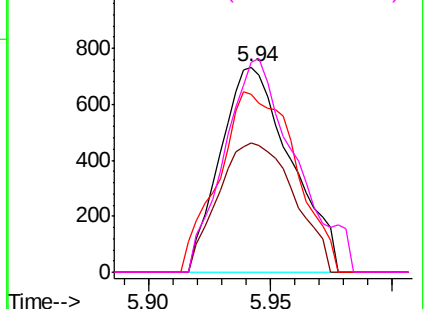


Abundance Ion 95.00 (94.70 to 95.70): VV017961.D (-1494) (-)

Ion 97.00 (96.70 to 97.70): VV017961.D (-1494) (-)

Ion 132.00 (131.70 to 132.70): VV017961.D (-1494) (-)

Ion 130.00 (129.70 to 130.70): VV017961.D (-1494) (-)



#35

Methylcyclohexane

Concen: 8.077 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV017977.D

Acq: 13 Aug 2020 18:14

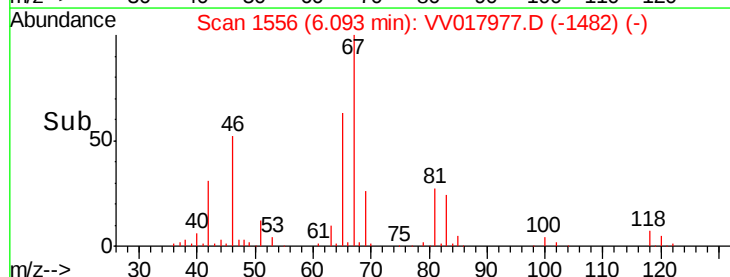
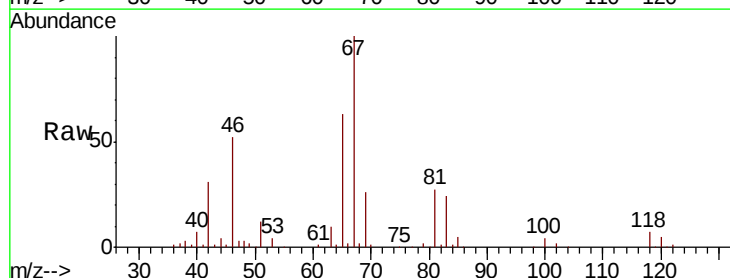
Tgt Ion: 83 Resp: 26263

Ion Ratio Lower Upper

83 100

55 0.0 64.9 97.3#

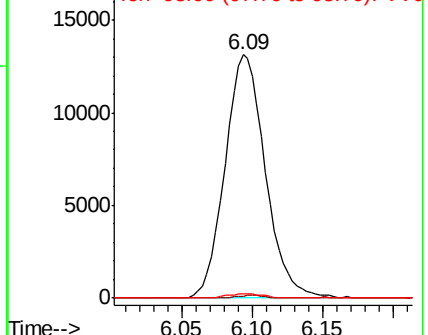
98 1.5 38.7 58.1#

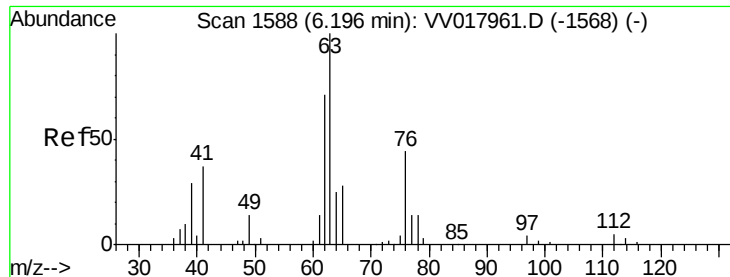


Abundance Ion 83.00 (82.70 to 83.70): VV017961.D (-1563) (-)

Ion 55.00 (54.70 to 55.70): VV017961.D (-1563) (-)

Ion 98.00 (97.70 to 98.70): VV017961.D (-1563) (-)





#37

1,2-Dichloropropane

Concen: 5.207 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV017977.D

Acq: 13 Aug 2020 18:14

Instrument :

MSVOA_V

ClientSampled :

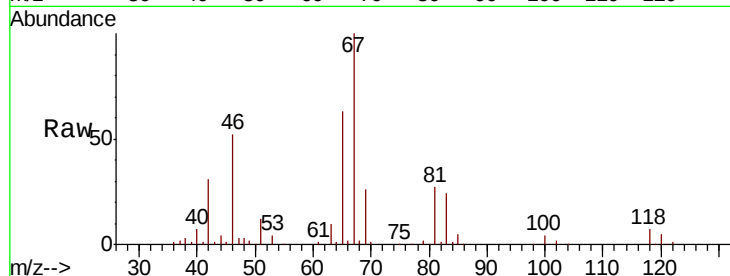
F4L69

Tot Ion: 63 Resp: 11747

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VV017961.D (-1568) (-)

Ion 112.00 (111.70 to 112.70): VV017961.D (-1568) (-)

6.09

6000

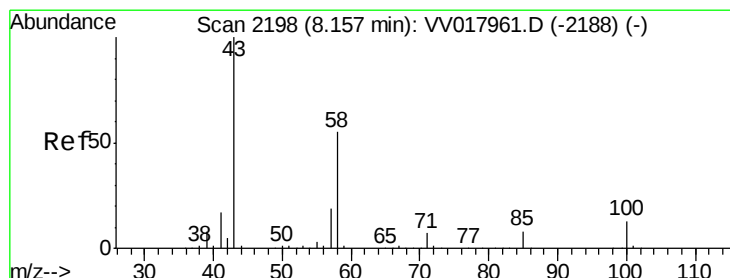
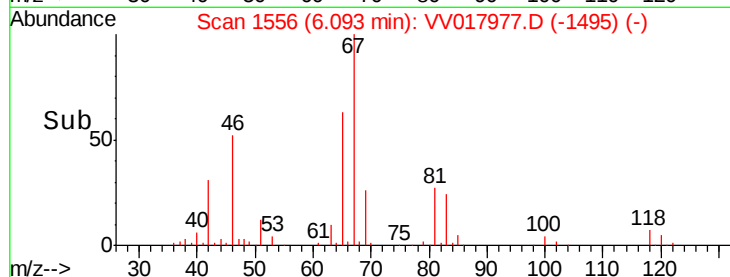
4000

2000

0

6.05 6.10 6.15

Time-->



#48

2-Hexanone

Concen: 2.862 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV017977.D

Acq: 13 Aug 2020 18:14

Tgt Ion: 43 Resp: 6807

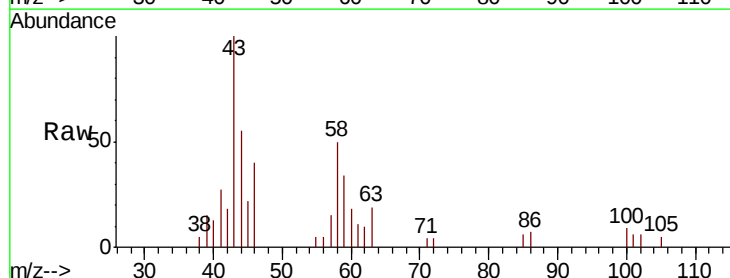
Ion Ratio Lower Upper

43 100

58 19.8 44.4 66.6#

57 1.1 15.2 22.8#

100 5.9 9.8 14.6#



Abundance Ion 43.00 (42.70 to 43.70): VV017961.D (-2188) (-)

Ion 58.00 (57.70 to 58.70): VV017961.D (-2188) (-)

Ion 57.00 (56.70 to 57.70): VV017961.D (-2188) (-)

Ion 100.00 (99.70 to 100.70): VV017961.D (-2188) (-)

6000

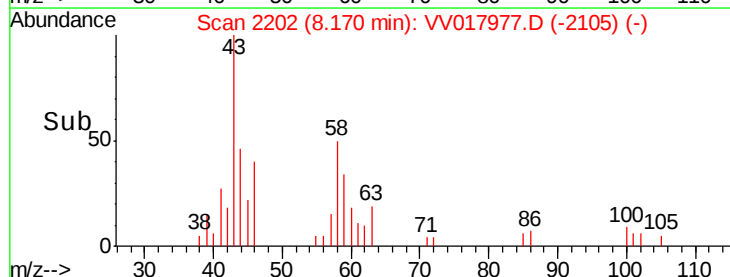
4000

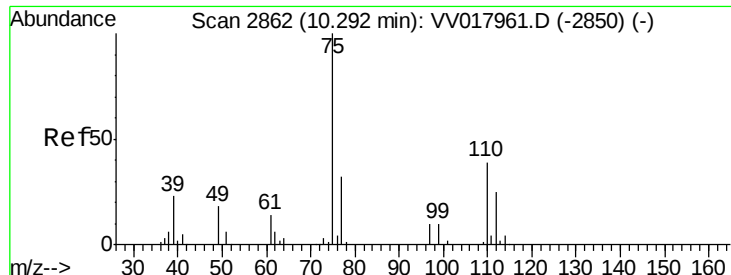
2000

0

8.10 8.15 8.20 8.25

Time-->





#59

1,2,3-Trichloropropane

Concen: 5.776 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV017977.D

Acq: 13 Aug 2020 18:14

Instrument :

MSVOA_V

ClientSampleId :

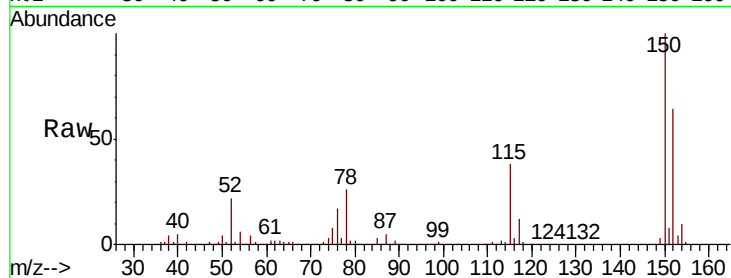
F4L69

Tot Ion: 75 Resp: 16093

Ion Ratio Lower Upper

75 100

77 35.9 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

