

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV093020\
 Data File : VV018577.D
 Acq On : 30 Sep 2020 18:37
 Operator : SY/MD
 Sample : L4117-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AB5

Quant Time: Oct 01 07:42:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 07:39:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	374097	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	362536	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	184645	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80291	36.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.20%
7) Chloroethane-d5	1.58	69	81928	45.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.32%
11) 1,1-Dichloroethene-d2	2.12	63	136145	30.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.92%
21) 2-Butanone-d5	3.92	46	174756	106.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.78%
24) Chloroform-d	4.38	84	200659	42.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.58%
26) 1,2-Dichloroethane-d4	5.06	65	134764	44.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.50%
32) Benzene-d6	5.08	84	391809	42.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.34%
36) 1,2-Dichloropropane-d6	6.09	67	129672	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.46%
41) Toluene-d8	7.34	98	353173	40.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.76%
43) trans-1,3-Dichloropropene-	7.64	79	62323	41.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.16%
47) 2-Hexanone-d5	8.11	63	96846	91.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.89%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	165661	45.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.06%
64) 1,2-Dichlorobenzene-d4	11.65	152	161303	45.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.84%

Target Compounds

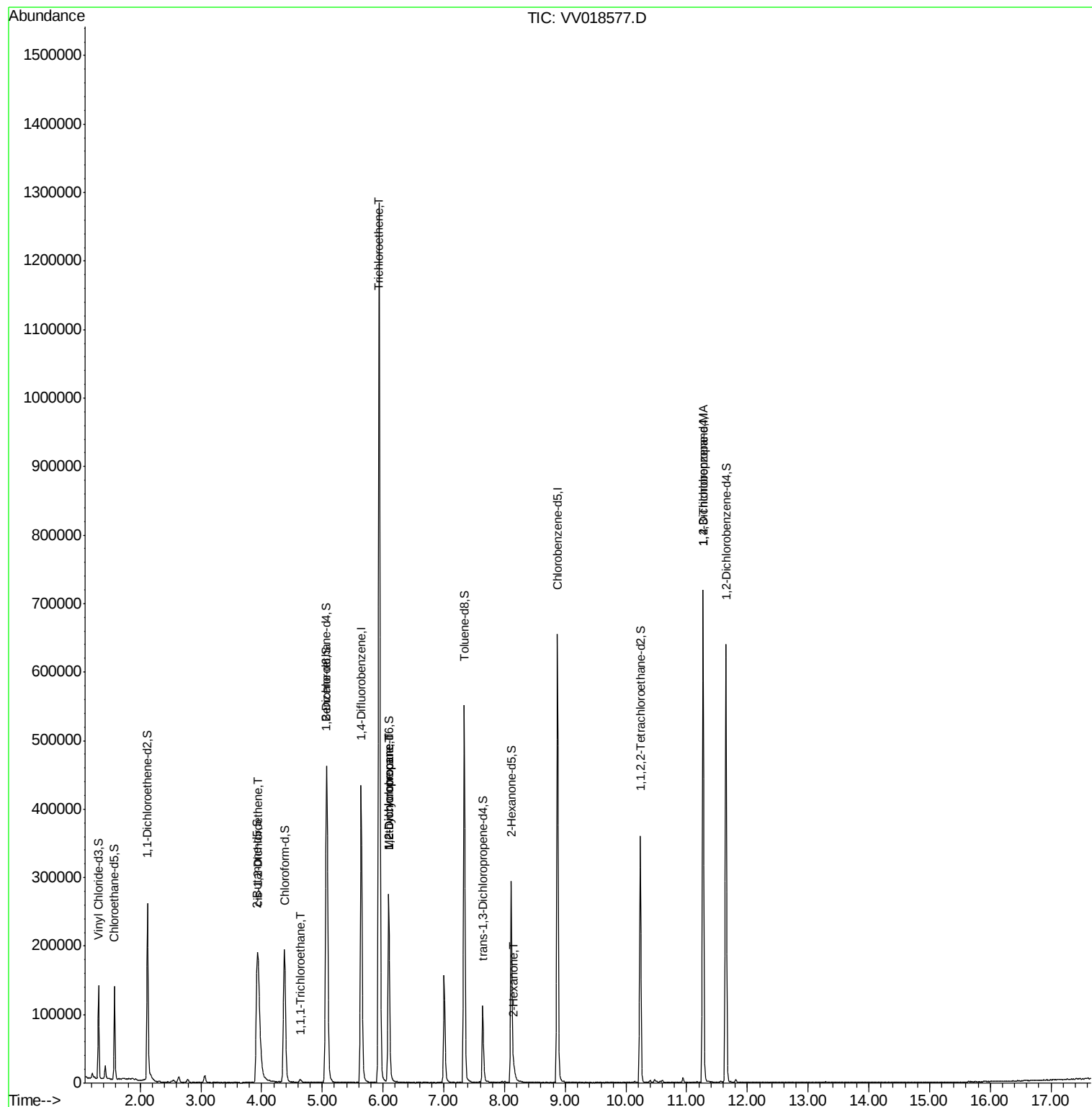
					Ovalue
20) cis-1,2-Dichloroethene	3.95	96	2635	0.928 ug/L #	1
30) 1,1,1-Trichloroethane	4.64	97	3135	0.697 ug/L #	46
34) Trichloroethene	5.94	95	433206	140.101 ug/L	98
35) Methylcyclohexane	6.10	83	30559	7.326 ug/L #	19
37) 1,2-Dichloropropane	6.10	63	14060	5.145 ug/L #	85
48) 2-Hexanone	8.16	43	7335	2.666 ug/L #	38
59) 1,2,3-Trichloropropane	11.27	75	19737	5.938 ug/L	89

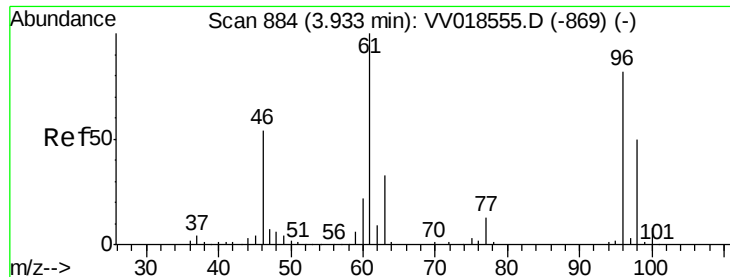
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 01 07:39:17 2020
Response via : Initial Calibration

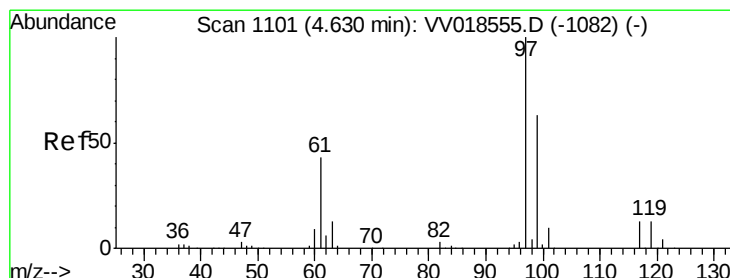
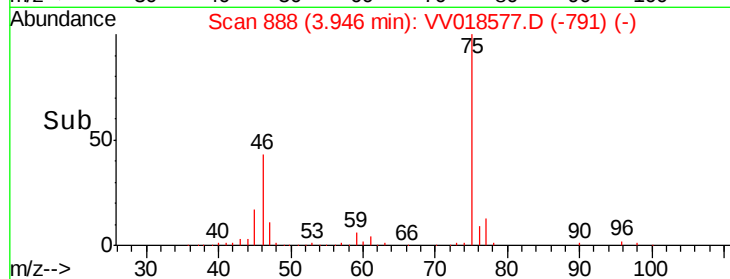
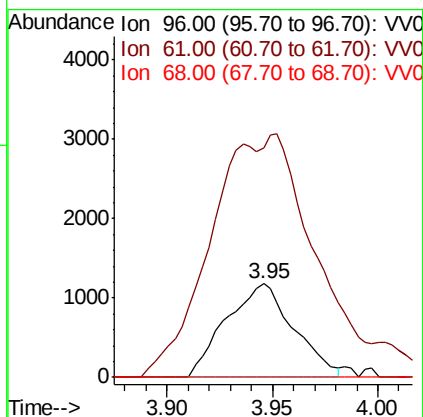
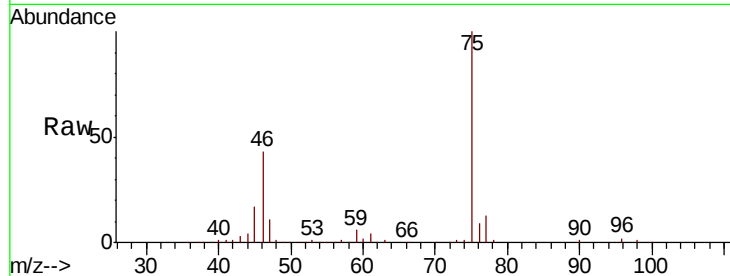




#20
 cis-1,2-Dichloroethene
 Concen: 0.928 ug/L
 RT: 3.95 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: VV018577.D
 Acq: 30 Sep 2020 18:37

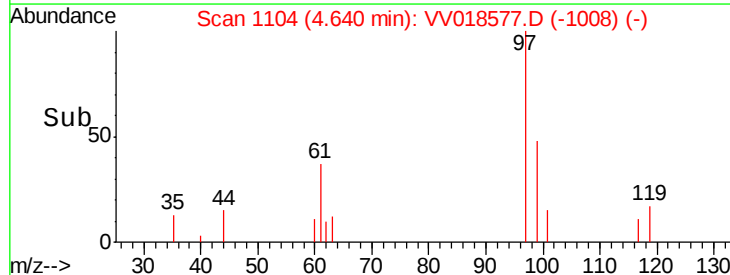
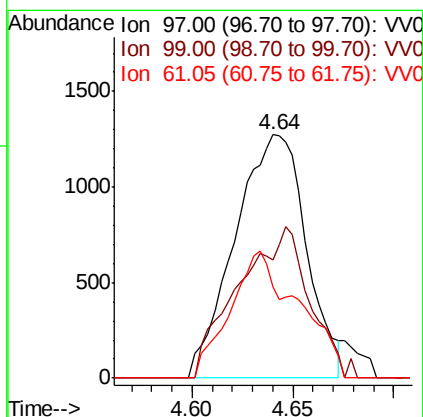
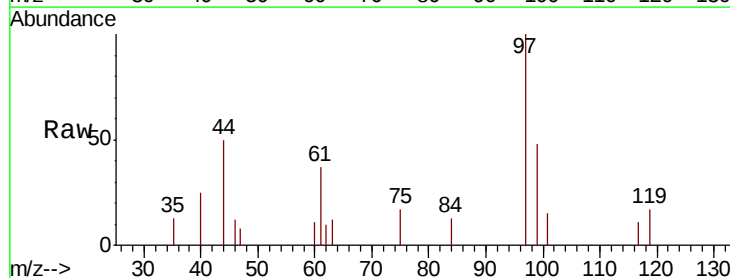
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 MSVOA_V
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 E0AB5

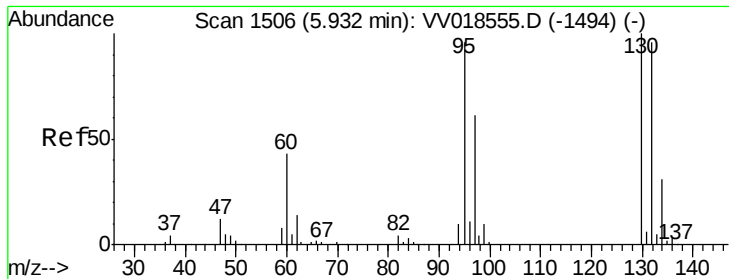
Tot Ion: 96 Resp: 2635
 Ion Ratio Lower Upper
 96 100
 61 245.7 86.8 161.2#
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 0.697 ug/L
 RT: 4.64 min Scan# 1104
 Delta R.T. 0.01 min
 Lab File: VV018577.D
 Acq: 30 Sep 2020 18:37

Tgt Ion: 97 Resp: 3135
 Ion Ratio Lower Upper
 97 100
 99 28.0 51.4 77.0#
 61 0.0 33.9 50.9#

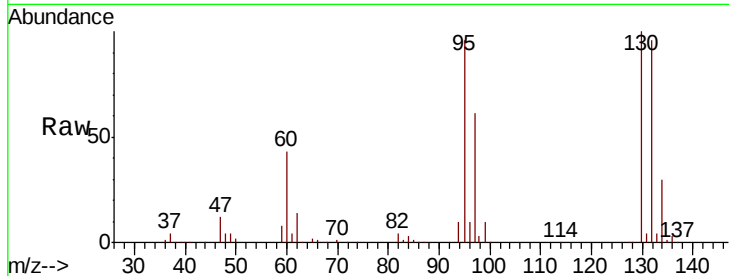




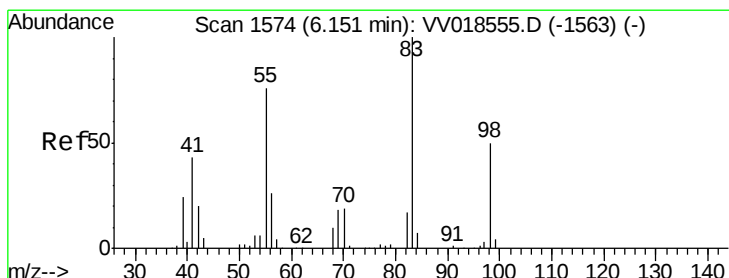
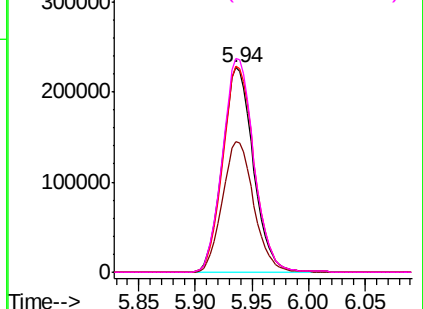
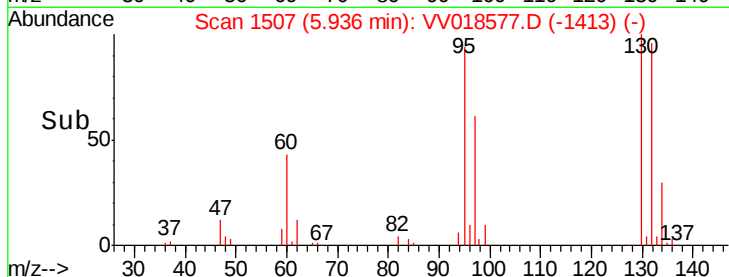
#34
 Trichloroethene
 Concen: 140.101 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: VV018577.D
 Acq: 30 Sep 2020 18:37

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AB5

Tot Ion:	95	Resp:	433206
Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.9	85.3
132	100.6	70.8	131.4
130	104.6	75.3	139.8

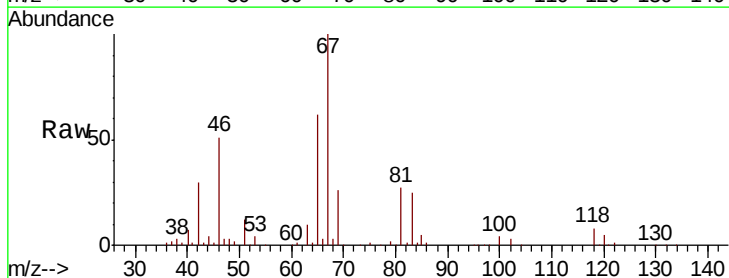


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

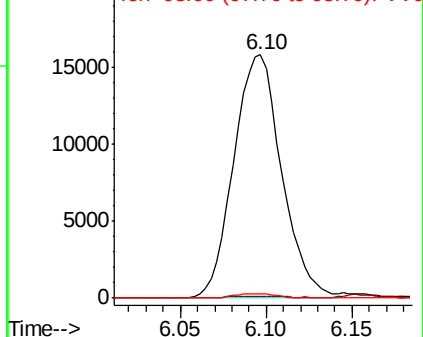
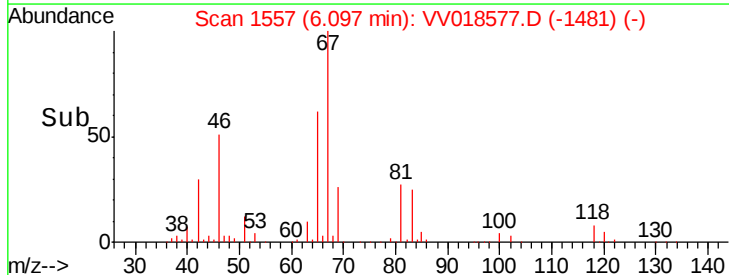


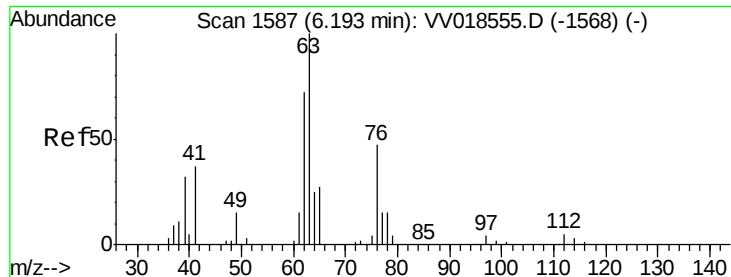
#35
 Methylcyclohexane
 Concen: 7.326 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV018577.D
 Acq: 30 Sep 2020 18:37

Tgt Ion:	83	Resp:	30559
Ion	Ratio	Lower	Upper
83	100		
55	0.4	60.1	90.1#
98	1.6	40.2	60.4#



Abundance Ion 83.00 (82.70 to 83.70): VV0
 Ion 55.00 (54.70 to 55.70): VV0
 Ion 98.00 (97.70 to 98.70): VV0





#37

1,2-Dichloropropane

Concen: 5.145 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV018577.D

Acq: 30 Sep 2020 18:37

Instrument :

MSVOA_V

ClientSampleId :

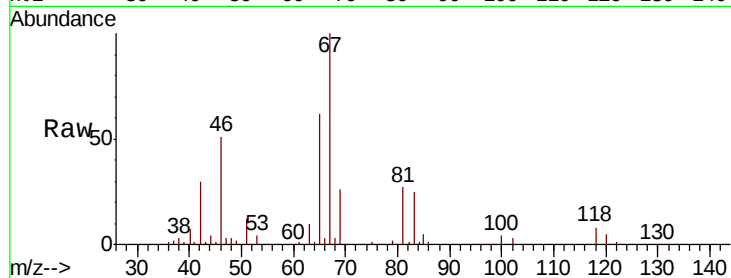
E0AB5

Tot Ion: 63 Resp: 14060

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



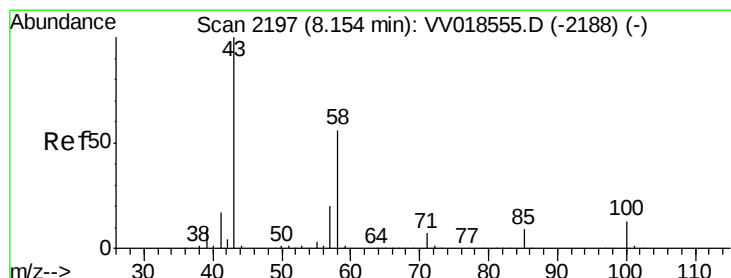
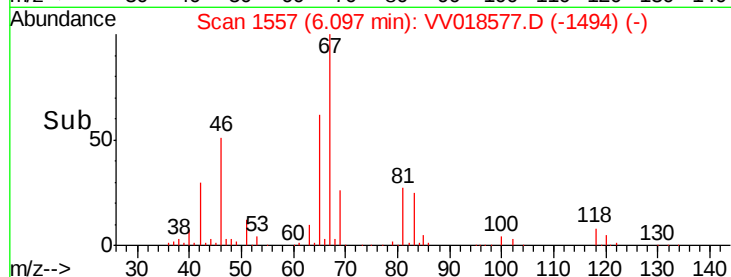
Abundance Ion 63.00 (62.70 to 63.70): VV018555.D (-1568) (-)

Ion 112.00 (111.70 to 112.70): VV018555.D (-1568) (-)

6.10

6.15

Time-->



#48

2-Hexanone

Concen: 2.666 ug/L

RT: 8.16 min Scan# 2198

Delta R.T. 0.00 min

Lab File: VV018577.D

Acq: 30 Sep 2020 18:37

Tgt Ion: 43 Resp: 7335

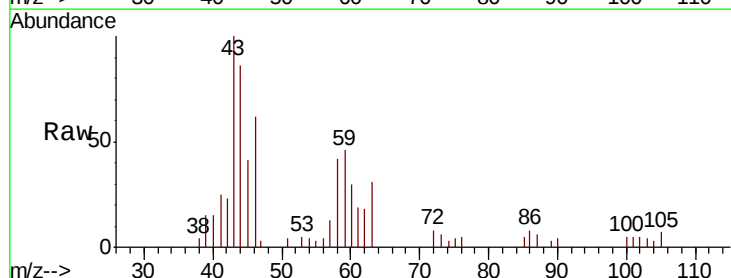
Ion Ratio Lower Upper

43 100

58 0.0 45.1 67.7#

57 0.0 15.7 23.5#

100 2.9 11.0 16.4#



Abundance Ion 43.00 (42.70 to 43.70): VV018555.D (-2188) (-)

Ion 58.00 (57.70 to 58.70): VV018555.D (-2188) (-)

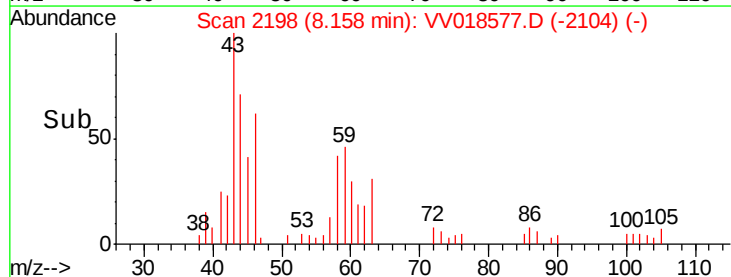
Ion 57.00 (56.70 to 57.70): VV018555.D (-2188) (-)

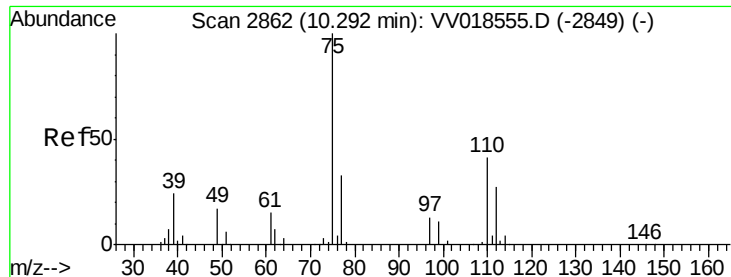
Ion 100.00 (99.70 to 100.70): VV018555.D (-2188) (-)

8.16

8.20

Time-->





#59

1,2,3-Trichloropropane

Concen: 5.938 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018577.D

Acq: 30 Sep 2020 18:37

Instrument :

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ClientSampleId :

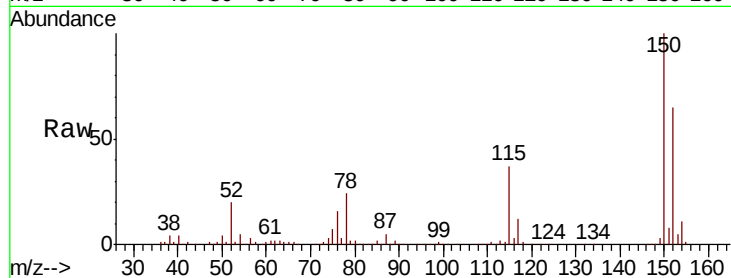
E0AB5

Tot Ion: 75 Resp: 19737

Ion Ratio Lower Upper

75 100

77 37.5 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

