

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081320\
 Data File : VV017973.D
 Acq On : 13 Aug 2020 15:47
 Operator : SY/MD
 Sample : L3599-18ME
 Misc : 6.57a/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAYAOME

Quant Time: Aug 21 05:44:55 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	276719	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	277759	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	137304	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	83103	39.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.72%
7) Chloroethane-d5	1.57	69	62667	36.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.56%
11) 1,1-Dichloroethene-d2	2.10	63	137006	33.92	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.84%
21) 2-Butanone-d5	3.92	46	97745	70.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.68%
24) Chloroform-d	4.37	84	172370	44.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.70%
26) 1,2-Dichloroethane-d4	5.05	65	118598	47.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.02%
32) Benzene-d6	5.07	84	344275	44.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.94%
36) 1,2-Dichloropropane-d6	6.09	67	115176	46.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.04%
41) Toluene-d8	7.34	98	315242	45.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.58%
43) trans-1,3-Dichloropropene-	7.64	79	53701	47.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.62%
47) 2-Hexanone-d5	8.13	63	67667	84.26	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.26%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	140393	43.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.16%
64) 1,2-Dichlorobenzene-d4	11.65	152	127498	47.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.36%

Target Compounds

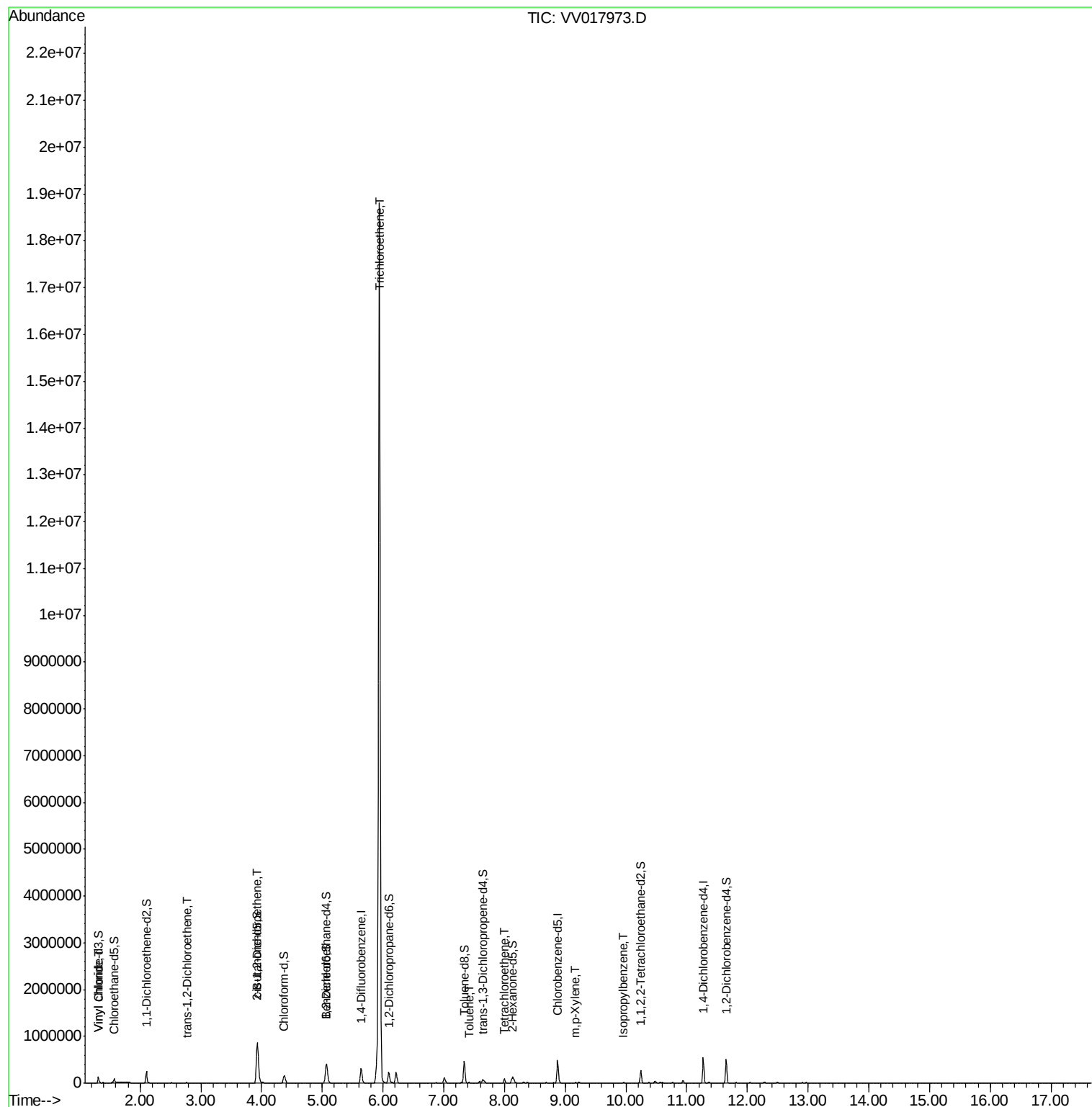
					Ovalue
5) Vinyl chloride	1.32	62	1898	0.772 ug/L	# 1
17) trans-1,2-Dichloroethene	2.77	96	5129	2.688 ug/L	95
20) cis-1,2-Dichloroethene	3.93	96	459525	219.154 ug/L	100
34) Trichloroethene	5.94	95	6515508	2868.387 ug/L	98
42) Toluene	7.41	91	10659	1.189 ug/L	95
46) Tetrachloroethene	8.00	164	19854	11.918 ug/L	96
53) m,p-Xylene	9.17	106	3753	1.044 ug/L	98
56) Isopropylbenzene	9.96	105	7806	0.833 ug/L	97

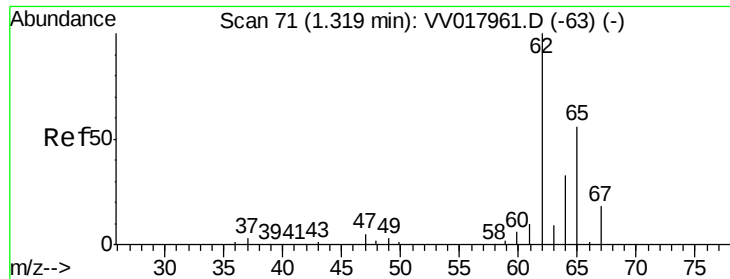
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5

Vinyl chloride

Concen: 0.772 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV017973.D

Acq: 13 Aug 2020 15:47

Instrument :

MSVOA_V

ClientSampleID :

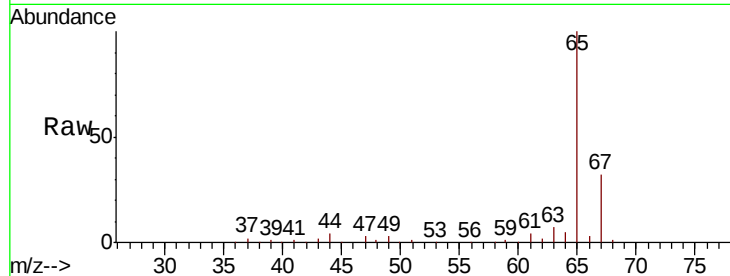
GAYAOME

Tot Ion: 62 Resp: 1898

Ion Ratio Lower Upper

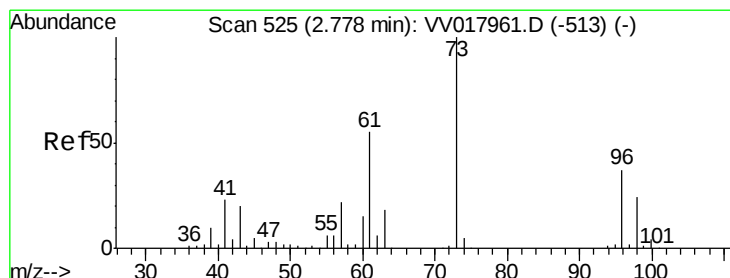
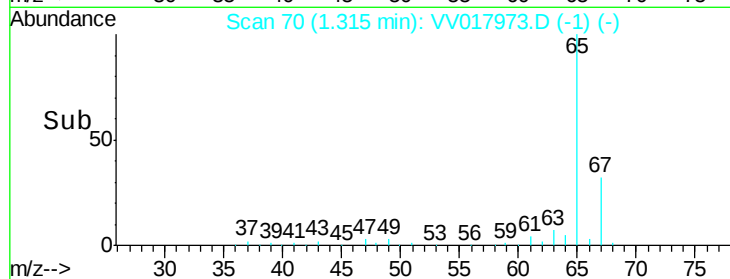
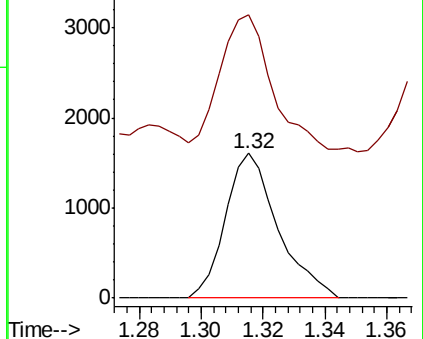
62 100

64 195.8 22.4 41.6#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#17

trans-1,2-Dichloroethene

Concen: 2.688 ug/L

RT: 2.77 min Scan# 522

Delta R.T. -0.01 min

Lab File: VV017973.D

Acq: 13 Aug 2020 15:47

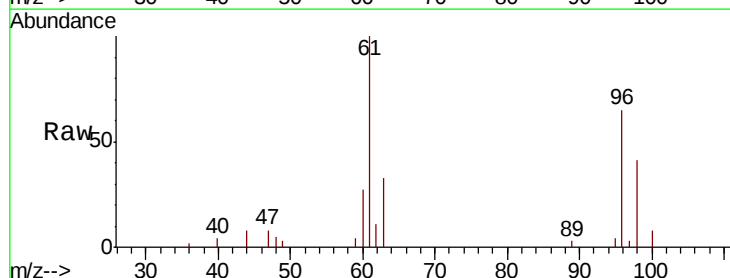
Tgt Ion: 96 Resp: 5129

Ion Ratio Lower Upper

96 100

61 154.8 102.4 190.2

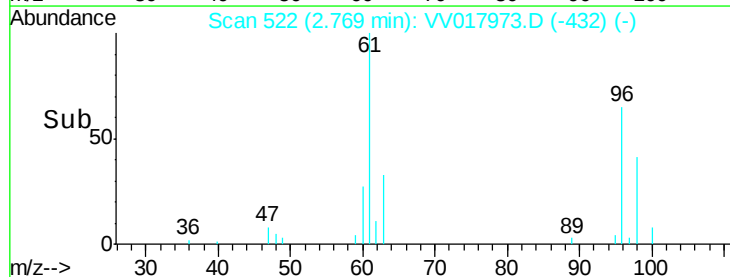
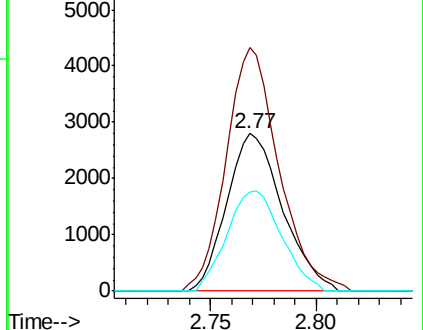
98 63.3 44.4 82.5

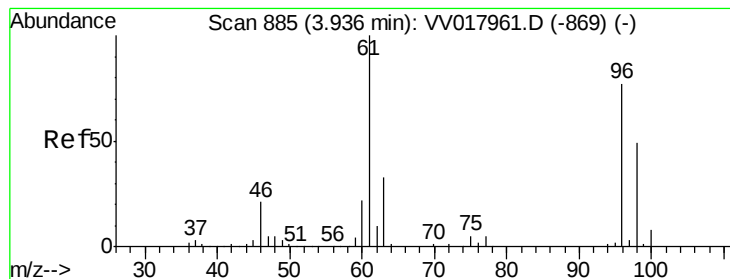


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



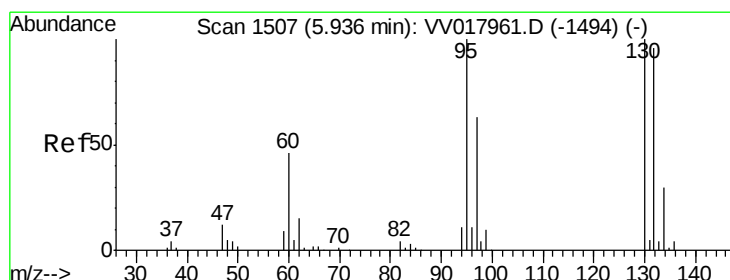
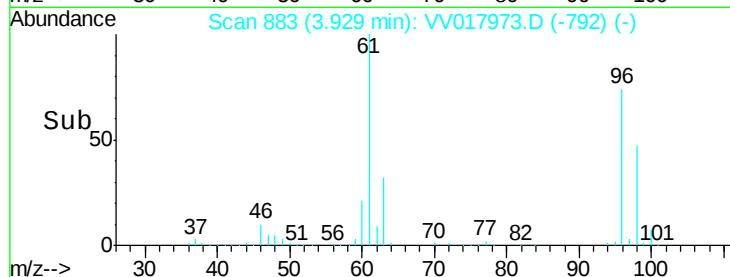
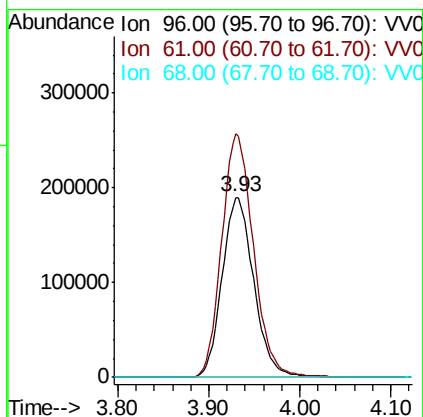
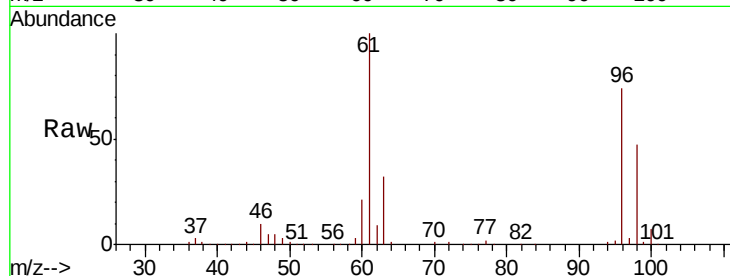


#20

cis-1,2-Dichloroethene
Concen: 219.154 ug/L
RT: 3.93 min Scan# 883
Delta R.T. -0.01 min
Lab File: VV017973.D
Acq: 13 Aug 2020 15:47

Instrument :
MSVOA_V
ClientSampleId :
GAYAOME

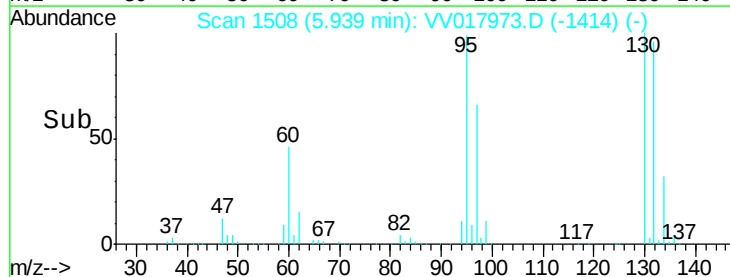
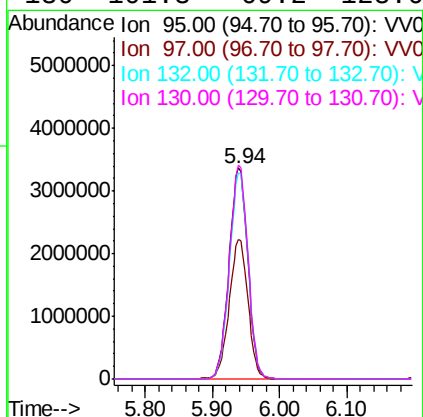
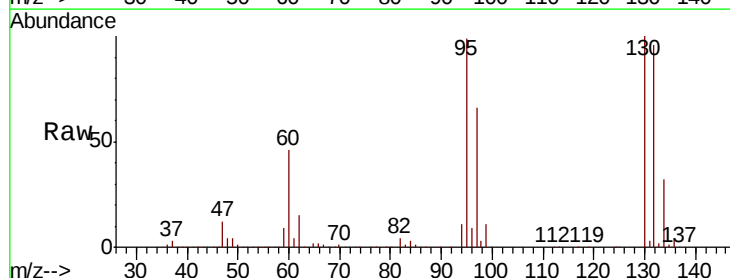
Tot Ion: 96 Resp: 459525
Ion Ratio Lower Upper
96 100
61 135.5 95.0 176.4
68 0.0 0.0 0.0

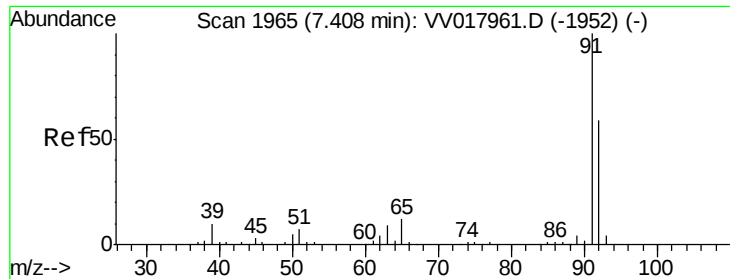


#34

Trichloroethene
Concen: 2868.387 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV017973.D
Acq: 13 Aug 2020 15:47

Tgt Ion: 95 Resp: 6515508
Ion Ratio Lower Upper
95 100
97 66.5 46.0 85.4
132 97.6 65.8 122.2
130 101.3 69.2 128.6





#42

Toluene

Concen: 1.189 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV017973.D

Acq: 13 Aug 2020 15:47

Instrument :

MSVOA_V

ClientSampleId :

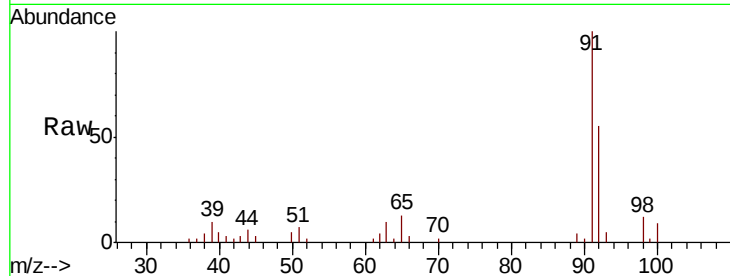
GAYAOME

Tot Ion: 91 Resp: 10659

Ion Ratio Lower Upper

91 100

92 54.5 40.6 75.4



Abundance Ion 91.00 (90.70 to 91.70): VV017961.D (-1952) (-)

Ion 92.00 (91.70 to 92.70): VV017961.D (-1952) (-)

7.41

6000

5000

4000

3000

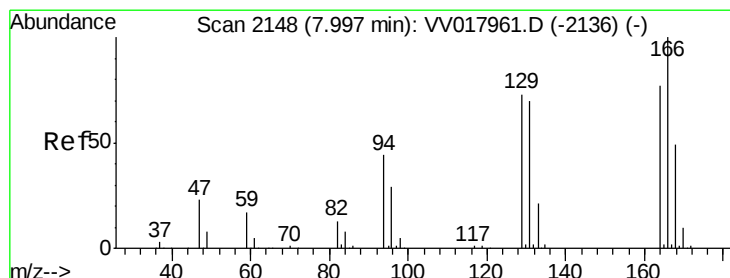
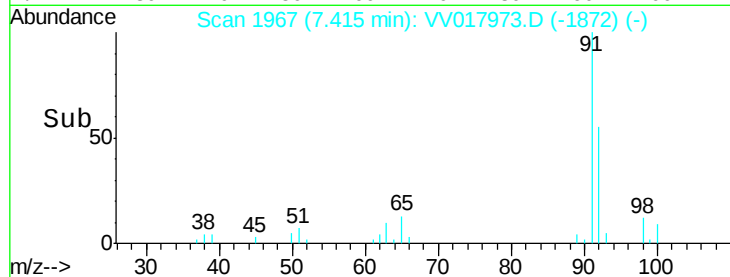
2000

1000

0

7.35 7.40 7.45 7.50

Time-->



#46

Tetrachloroethene

Concen: 11.918 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV017973.D

Acq: 13 Aug 2020 15:47

Tgt Ion: 164 Resp: 19854

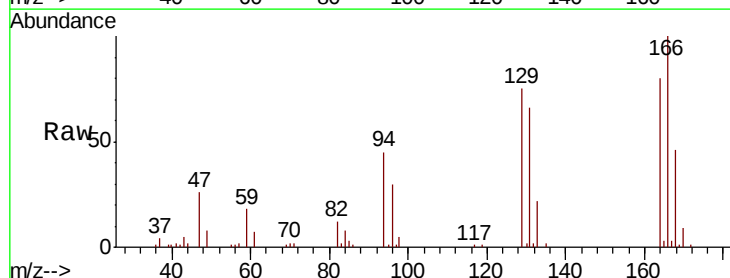
Ion Ratio Lower Upper

164 100

129 93.0 64.8 120.3

131 82.0 64.5 119.9

166 124.5 88.9 165.1



Abundance Ion 164.00 (163.70 to 164.70): VV017961.D (-2136) (-)

Ion 129.00 (128.70 to 129.70): VV017961.D (-2136) (-)

Ion 131.00 (130.70 to 131.70): VV017961.D (-2136) (-)

Ion 166.00 (165.70 to 166.70): VV017961.D (-2136) (-)

20000

15000

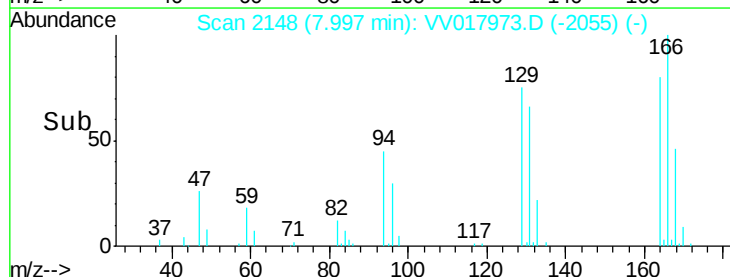
10000

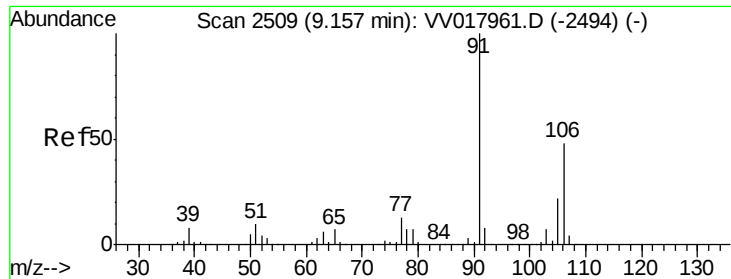
5000

0

7.95 8.00 8.05

Time-->





#53

m,p-Xylene

Concen: 1.044 ug/L

RT: 9.17 min Scan# 2512

Delta R.T. 0.01 min

Lab File: VV017973.D

Acq: 13 Aug 2020 15:47

Instrument :

MSVOA_V

ClientSampleId :

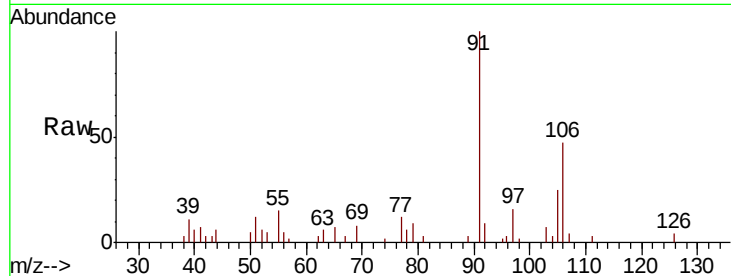
GAYAOME

Tot Ion:106 Resp: 3753

Ion Ratio Lower Upper

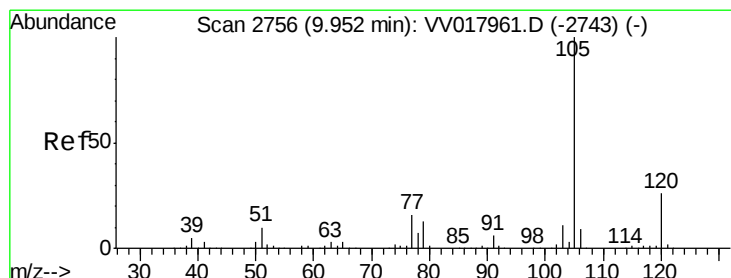
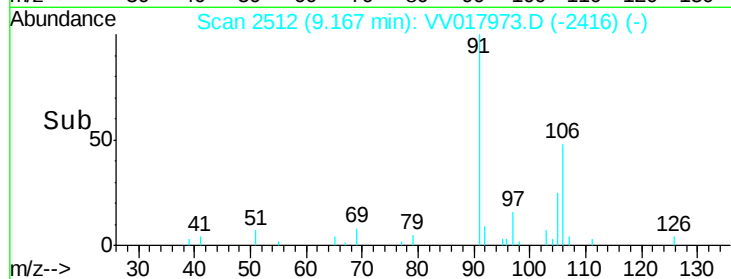
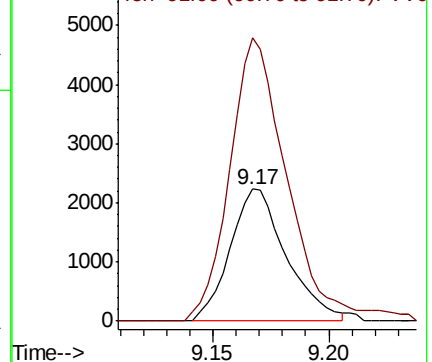
106 100

91 214.3 147.3 273.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#56

Isopropylbenzene

Concen: 0.833 ug/L

RT: 9.96 min Scan# 2758

Delta R.T. 0.01 min

Lab File: VV017973.D

Acq: 13 Aug 2020 15:47

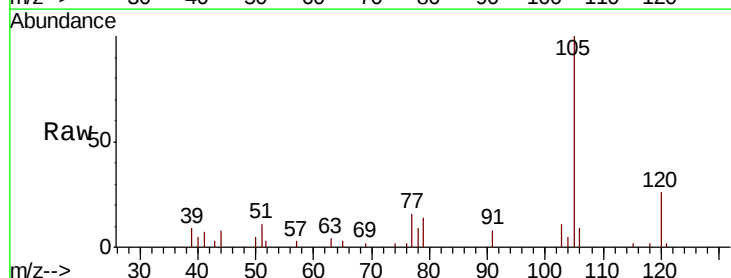
Tgt Ion:105 Resp: 7806

Ion Ratio Lower Upper

105 100

120 27.0 20.6 31.0

77 17.6 13.1 19.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VV0

