

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
 Data File : VV017108.D
 Acq On : 25 Jun 2020 06:41
 Operator : SY/MD
 Sample : L3102-12
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9L61

Quant Time: Jun 25 07:34:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 05:27:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	181872	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	173033	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	82610	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35252	3.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.60%
7) Chloroethane-d5	1.58	69	30225	3.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.20%
11) 1,1-Dichloroethene-d2	2.13	63	56982	2.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.80%#
20) 2-Butanone-d5	3.93	46	115580	41.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.10%
24) Chloroform-d	4.38	84	98550	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.06	65	53703	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
32) Benzene-d6	5.07	84	183658	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
36) 1,2-Dichloropropane-d6	6.10	67	54515	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.20%
41) Toluene-d8	7.34	98	158923	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.40%
45) trans-1,3-Dichloropropene-	7.64	79	19800	3.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.80%
48) 2-Hexanone-d5	8.11	63	80713	37.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.70%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39734	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	66131	4.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.60%

Target Compounds

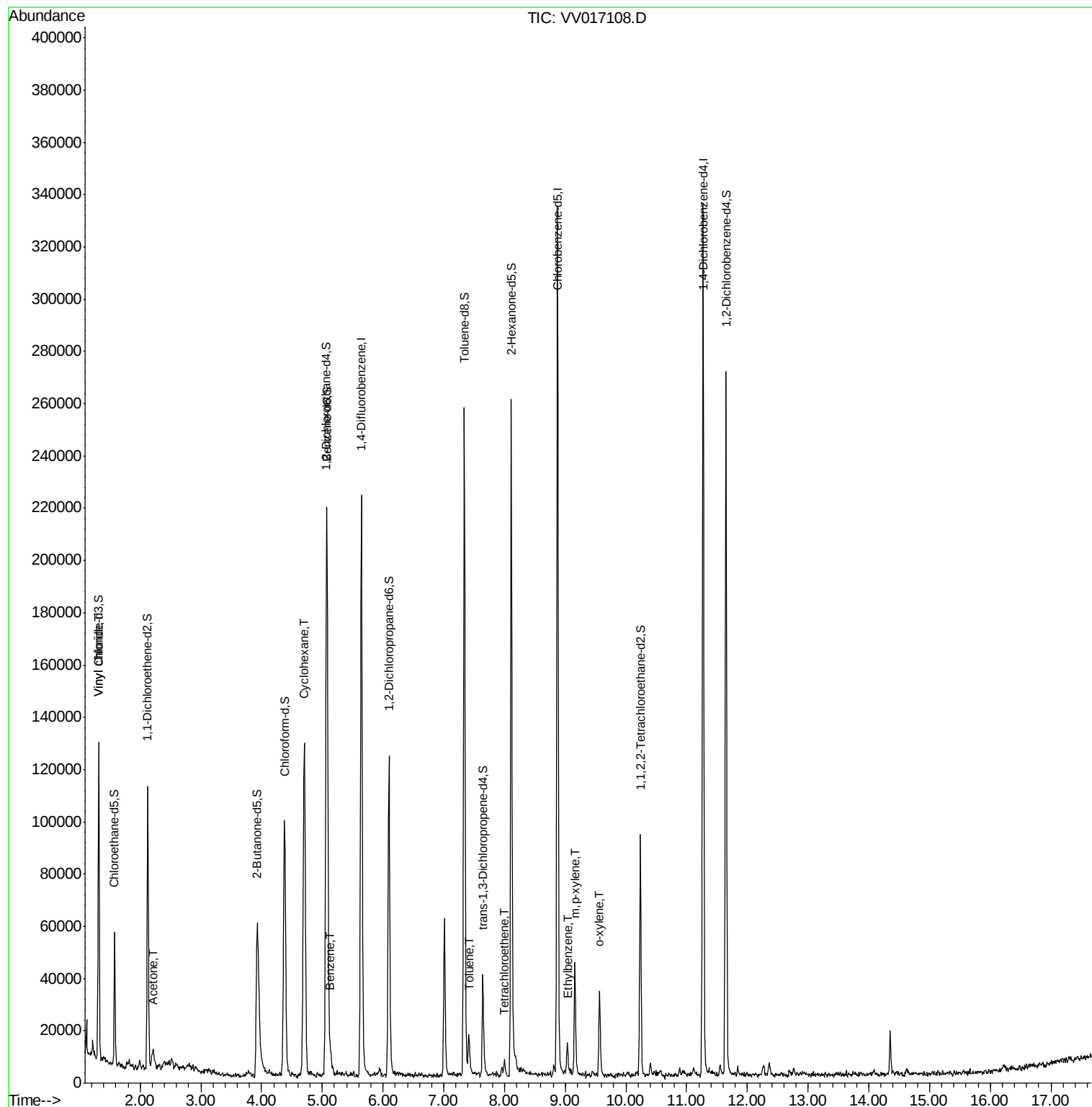
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	38351	3.214	ug/L	98
13) Acetone	2.21	43	13620	9.685	ug/L	94
30) Cyclohexane	4.70	56	63770	3.233	ug/L	98
33) Benzene	5.13	78	8119	0.179	ug/L	100
42) Toluene	7.41	91	10530	0.200	ug/L	100
49) Tetrachloroethene	8.00	164	1374	0.129	ug/L	82
54) Ethylbenzene	9.04	91	7414	0.132	ug/L	99
55) m,p-xylene	9.16	106	11912	0.540	ug/L	90
56) o-xylene	9.56	106	8318	0.404	ug/L	100

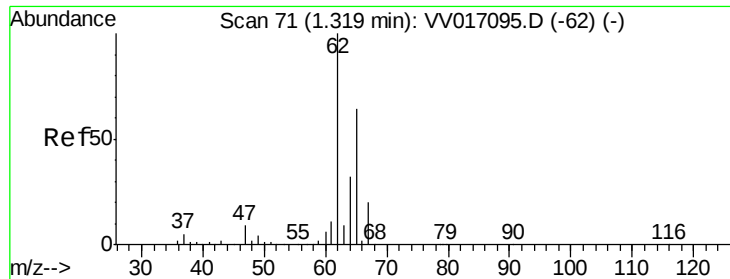
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 25 05:27:24 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.214 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017108.D

Acq: 25 Jun 2020 06:41

Instrument :

MSVOA_V

ClientSampled :

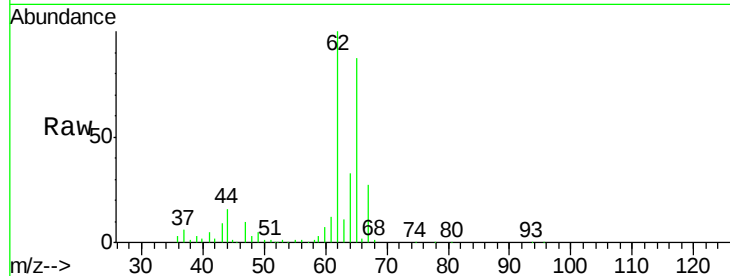
F9L61

Tot Ion: 62 Resp: 38351

Ion Ratio Lower Upper

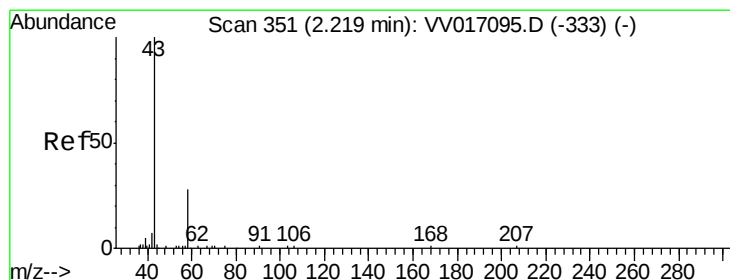
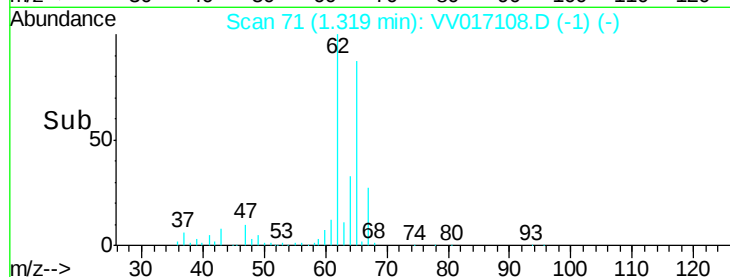
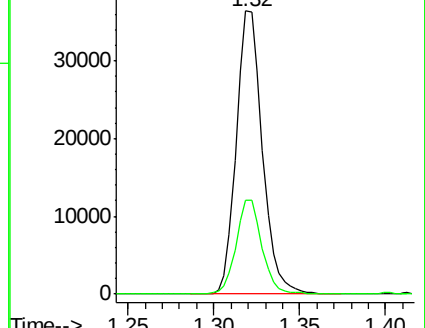
62 100

64 33.4 22.5 41.7



Abundance Ion 62.00 (61.70 to 62.70): VV017108.D (-62) (-)

Ion 64.10 (63.80 to 64.80): VV017108.D (-62) (-)



#13

Acetone

Concen: 9.685 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.01 min

Lab File: VV017108.D

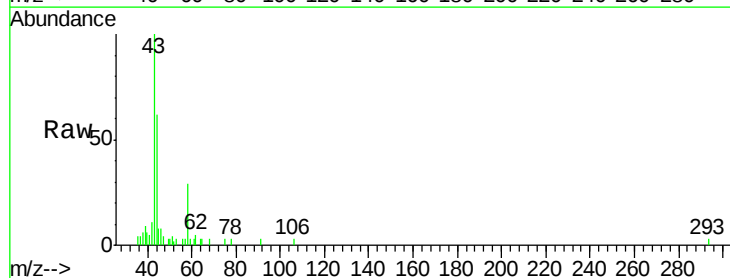
Acq: 25 Jun 2020 06:41

Tgt Ion: 43 Resp: 13620

Ion Ratio Lower Upper

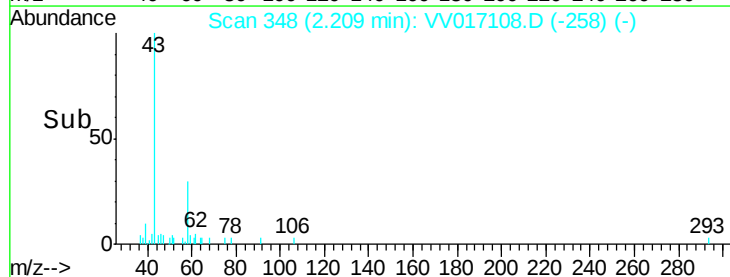
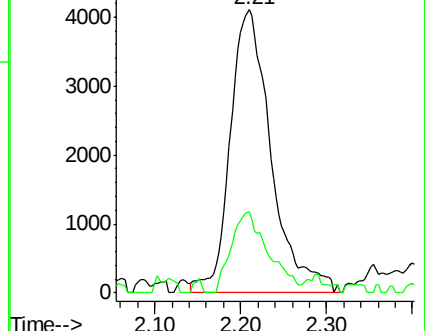
43 100

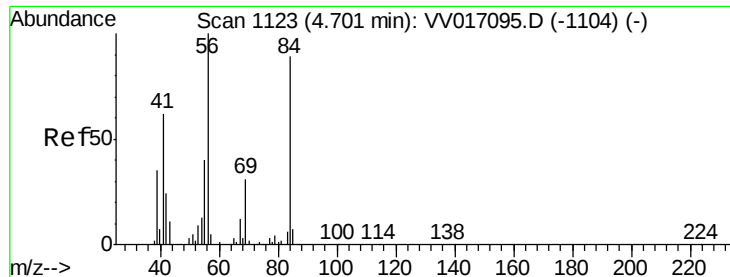
58 25.9 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV017108.D (-333) (-)

Ion 58.05 (57.75 to 58.75): VV017108.D (-333) (-)

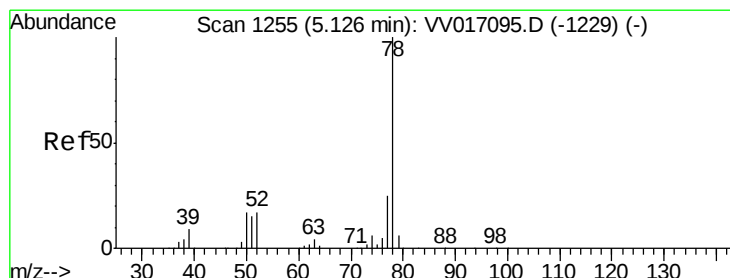
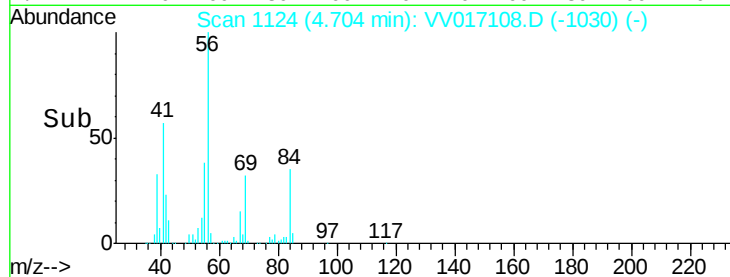
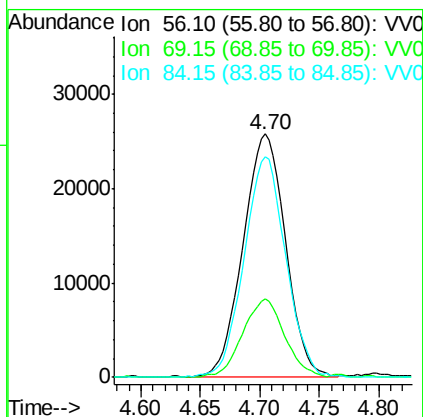
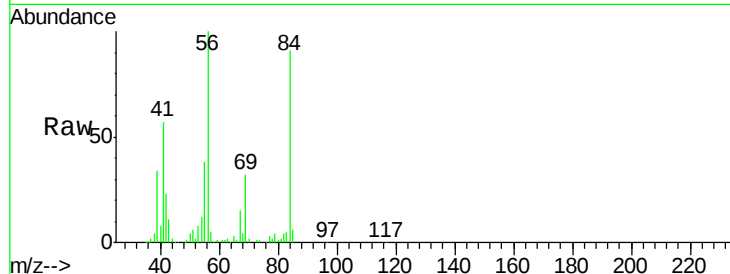




#30
Cyclohexane
Concen: 3.233 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VV017108.D
Acq: 25 Jun 2020 06:41

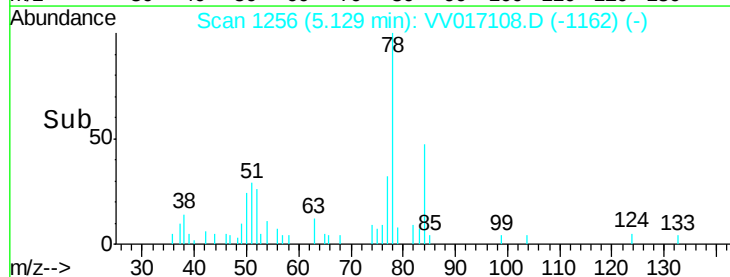
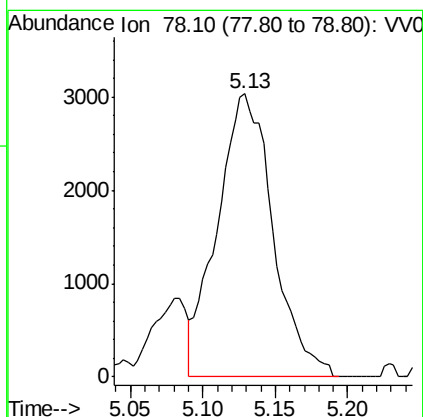
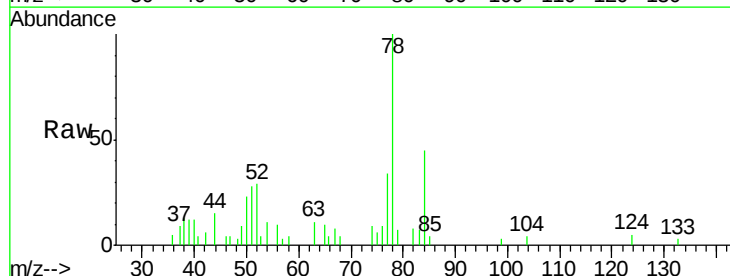
Instrument :
MSVOA_V
ClientSampleId :
F9L61

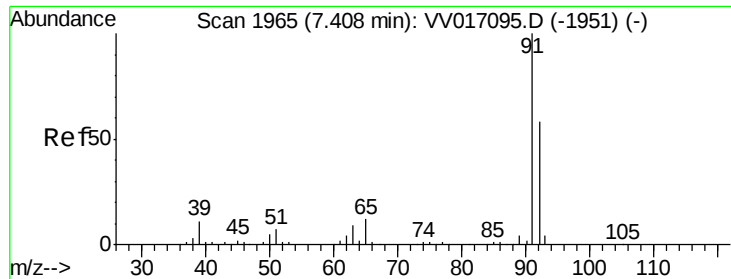
Tot Ion: 56 Resp: 63770
Ion Ratio Lower Upper
56 100
69 31.8 24.4 36.6
84 89.4 69.9 104.9



#33
Benzene
Concen: 0.179 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.00 min
Lab File: VV017108.D
Acq: 25 Jun 2020 06:41

Tgt Ion: 78 Resp: 8119





#42

Toluene

Concen: 0.200 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV017108.D

Acq: 25 Jun 2020 06:41

Instrument :

MSVOA_V

ClientSampled :

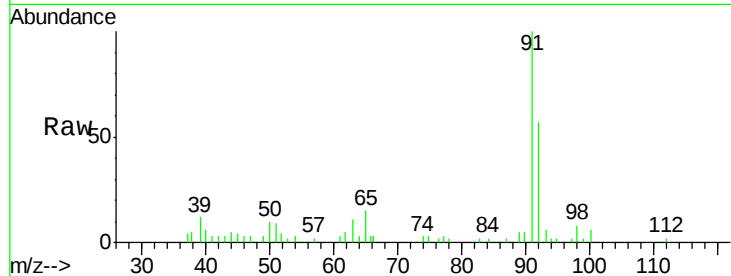
F9L61

Tot Ion: 91 Resp: 10530

Ion Ratio Lower Upper

91 100

92 57.2 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV017108.D (-1951) (-)

Ion 92.15 (91.85 to 92.85): VV017108.D (-1951) (-)

7.41

6000

5000

4000

3000

2000

1000

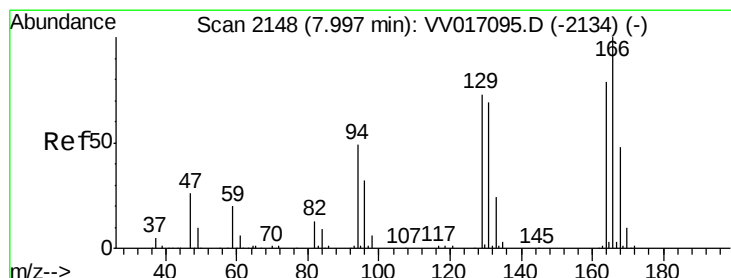
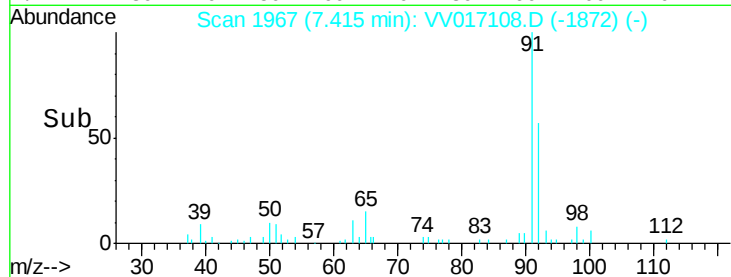
0

7.35

7.40

7.45

Time-->



#49

Tetrachloroethene

Concen: 0.129 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV017108.D

Acq: 25 Jun 2020 06:41

Tgt Ion: 164 Resp: 1374

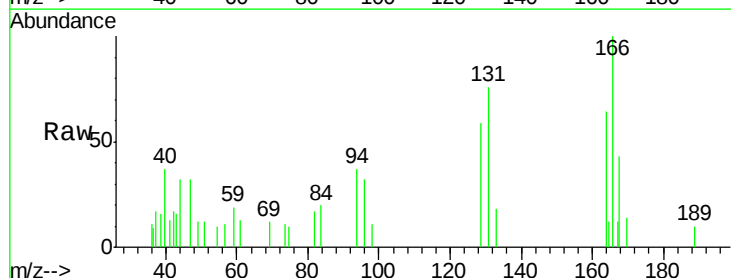
Ion Ratio Lower Upper

164 100

129 91.8 65.2 121.0

131 118.6 64.1 119.1

166 155.2 90.2 167.4



Abundance Ion 163.90 (163.60 to 164.60): VV017108.D (-2134) (-)

Ion 128.95 (128.65 to 129.65): VV017108.D (-2134) (-)

Ion 130.95 (130.65 to 131.65): VV017108.D (-2134) (-)

Ion 165.90 (165.60 to 166.60): VV017108.D (-2134) (-)

1500

1000

500

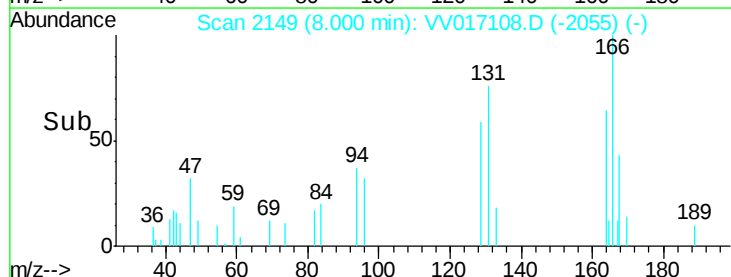
0

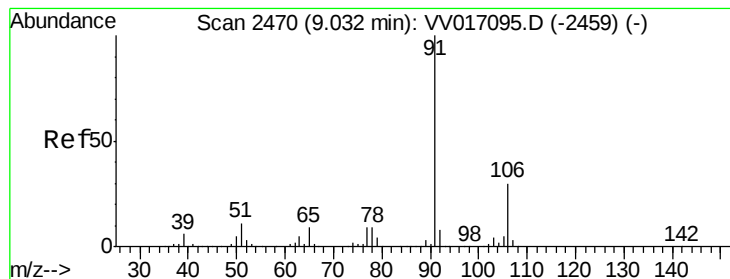
7.95

8.00

8.05

Time-->





#54

Ethylbenzene

Concen: 0.132 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV017108.D

Acq: 25 Jun 2020 06:41

Instrument :

MSVOA_V

ClientSampleId :

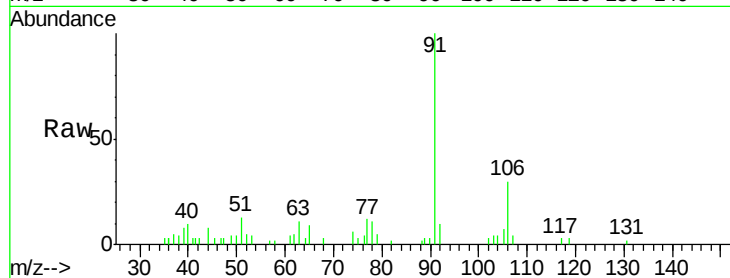
F9L61

Tot Ion: 91 Resp: 7414

Ion Ratio Lower Upper

91 100

106 29.8 21.1 39.1



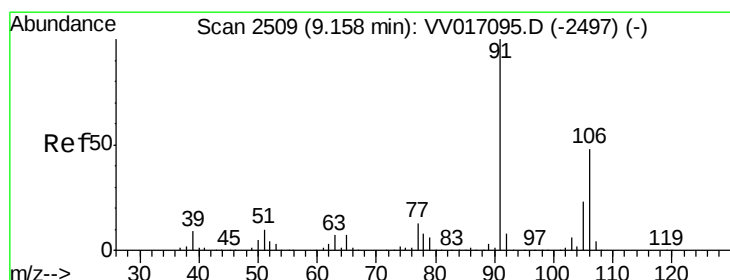
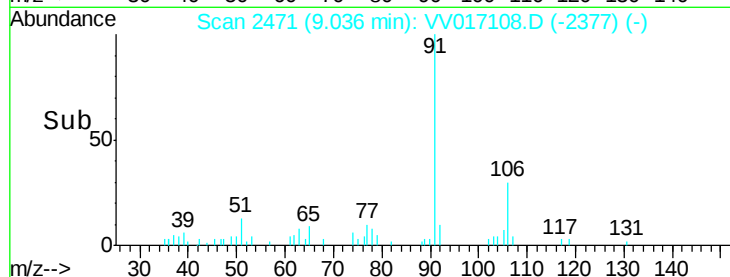
Abundance Ion 91.15 (90.85 to 91.85): VV017108.D (-2377) (-)

Ion 106.15 (105.85 to 106.85): VV017108.D (-2377) (-)

9.04

Time-->

9.00 9.05



#55

m,p-xylene

Concen: 0.540 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV017108.D

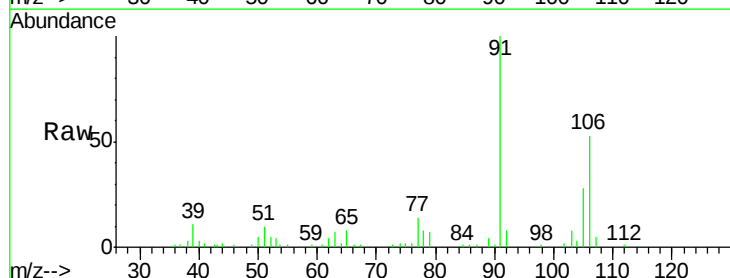
Acq: 25 Jun 2020 06:41

Tgt Ion: 106 Resp: 11912

Ion Ratio Lower Upper

106 100

91 188.0 142.7 264.9



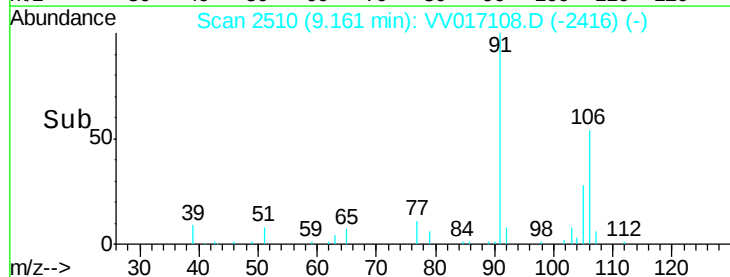
Abundance Ion 106.15 (105.85 to 106.85): VV017108.D (-2416) (-)

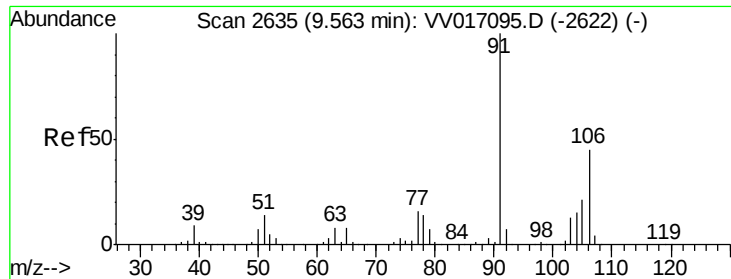
Ion 91.15 (90.85 to 91.85): VV017108.D (-2416) (-)

9.16

Time-->

9.10 9.15 9.20 9.25





#56
 o-xylene
 Concen: 0.404 ug/L
 RT: 9.56 min Scan# 2635
 Delta R.T. 0.00 min
 Lab File: VV017108.D
 Acq: 25 Jun 2020 06:41

Instrument :
 MSVOA_V
 ClientSampleId :
 F9L61

Tot Ion:106 Resp: 8318
 Ion Ratio Lower Upper
 106 100
 91 219.7 153.6 285.2

