

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016908.D
 Acq On : 13 Jun 2020 03:42
 Operator : SY/MD
 Sample : L2990-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YG6

Quant Time: Jun 13 06:16:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 13 06:09:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	350006	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	338891	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	167872	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	106727	43.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.42%
7) Chloroethane-d5	1.57	69	61491	41.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.98%
11) 1,1-Dichloroethene-d2	2.12	63	149206	35.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.96%
21) 2-Butanone-d5	3.90	46	177286	96.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.99%
24) Chloroform-d	4.38	84	233911	46.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.16%
26) 1,2-Dichloroethane-d4	5.05	65	170898	50.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.06%
32) Benzene-d6	5.07	84	451618	46.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.46%
36) 1,2-Dichloropropane-d6	6.09	67	140056	45.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.98%
41) Toluene-d8	7.34	98	414633	46.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.50%
43) trans-1,3-Dichloropropene-	7.64	79	68645	43.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.56%
47) 2-Hexanone-d5	8.11	63	121399	91.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.44%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	179053	44.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.84%
64) 1,2-Dichlorobenzene-d4	11.65	152	173919	48.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.10%

Target Compounds

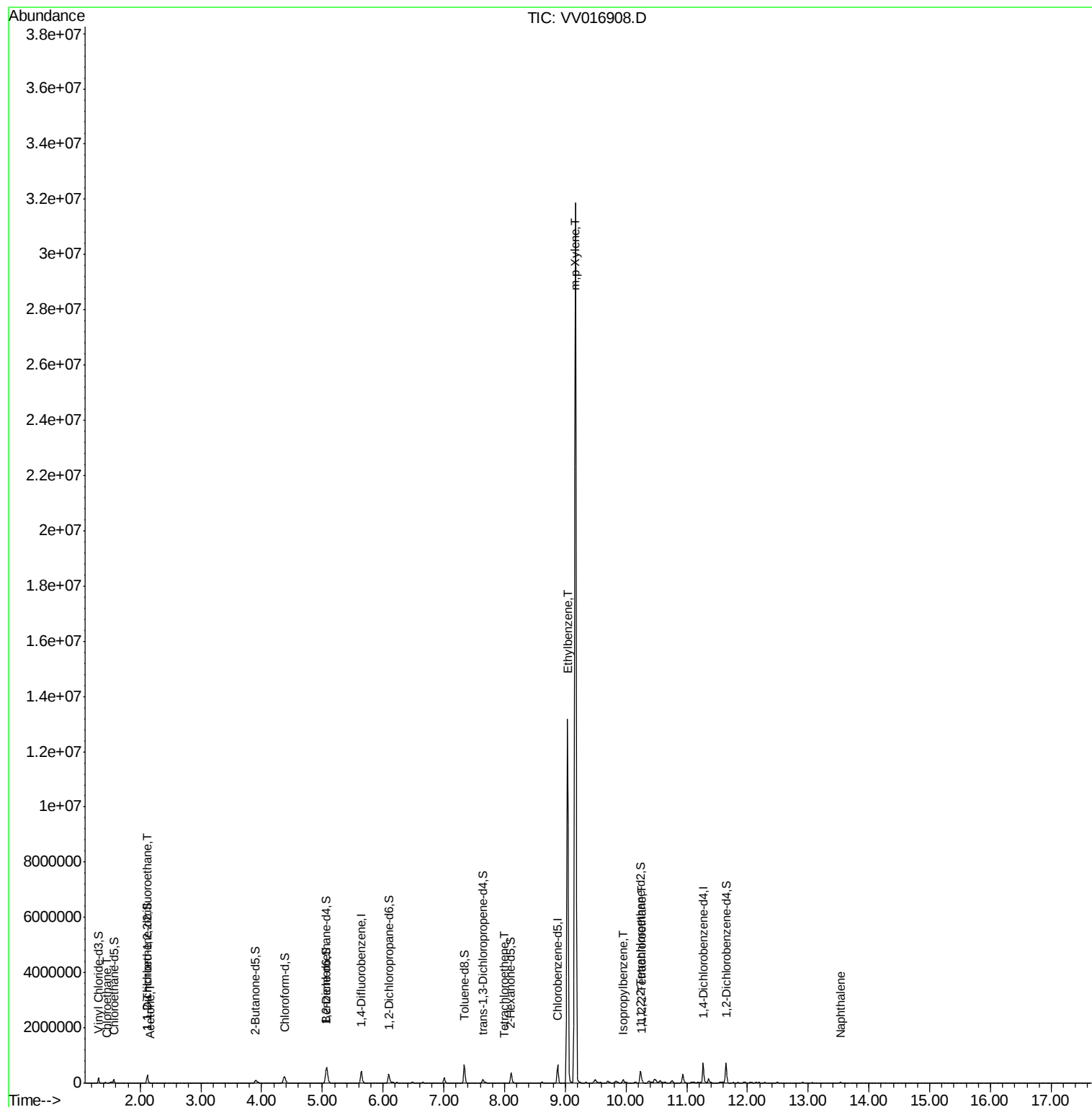
					Ovalue
8) Chloroethane	1.45	64	17621	14.295	ug/L # 54
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1463	0.786	ug/L # 23
13) Acetone	2.18	43	2393	1.987	ug/L 87
46) Tetrachloroethene	8.00	164	2105	0.995	ug/L 88
52) Ethylbenzene	9.04	91	8844688	755.451	ug/L 97
53) m,p-Xylene	9.17	106	9138455	2096.363	ug/L 71
56) Isopropylbenzene	9.95	105	75442	6.531	ug/L 99
58) 1,1,2,2-Tetrachloroethane	10.26	83	6854	1.777	ug/L # 40
69) Naphthalene	13.53	128	20205	1.931	ug/L 97

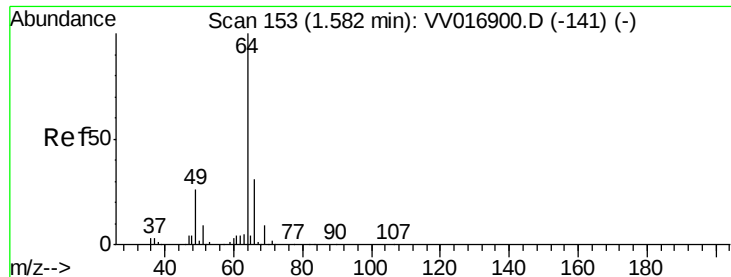
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 13 06:09:05 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 14.295 ug/L

RT: 1.45 min Scan# 113

Delta R.T. -0.13 min

Lab File: VV016908.D

Acq: 13 Jun 2020 03:42

Instrument :

MSVOA_V

ClientSampled :

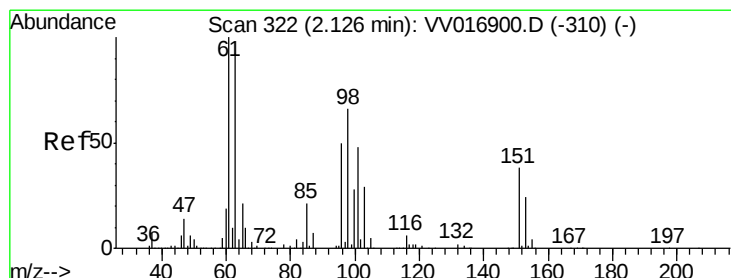
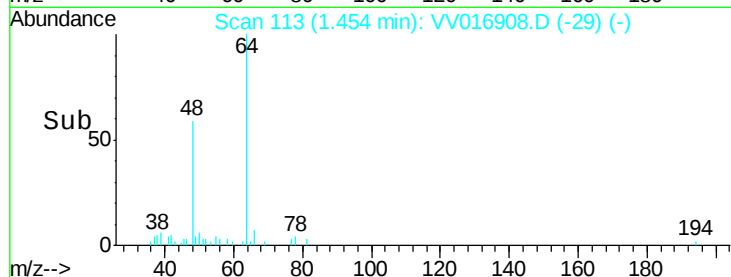
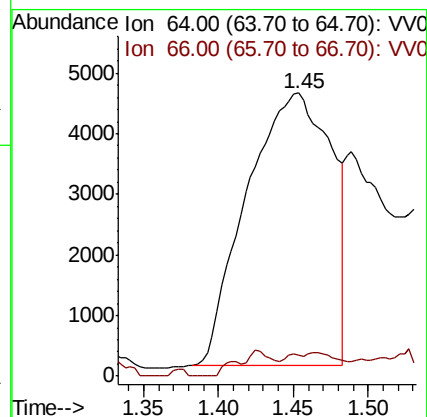
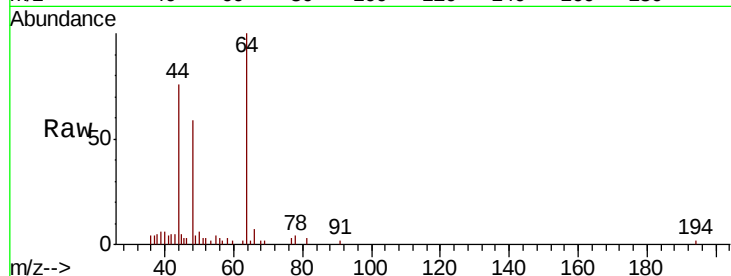
E3YG6

Tot Ion: 64 Resp: 17621

Ion Ratio Lower Upper

64 100

66 7.2 23.2 43.0#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.786 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV016908.D

Acq: 13 Jun 2020 03:42

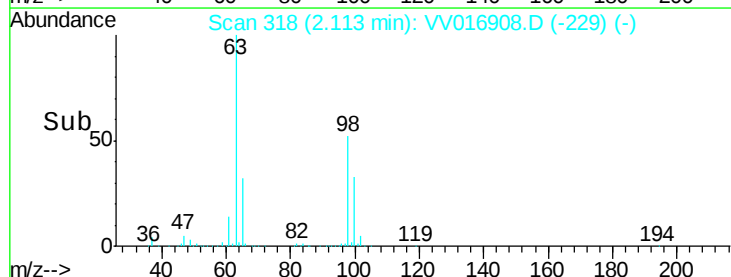
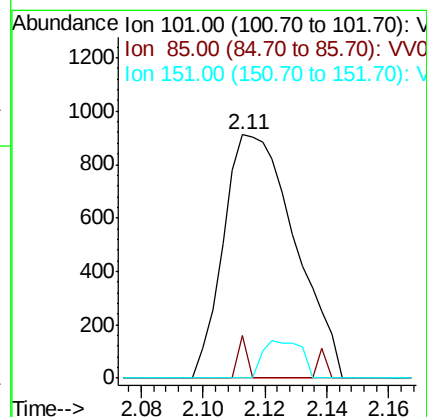
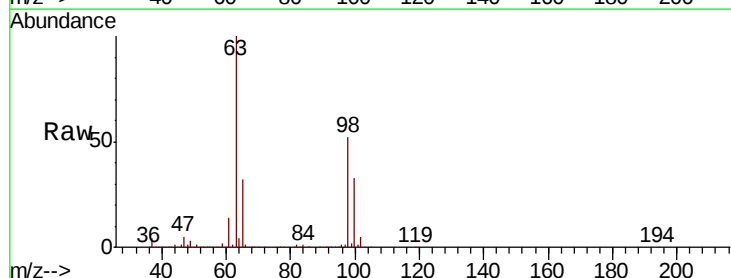
Tgt Ion:101 Resp: 1463

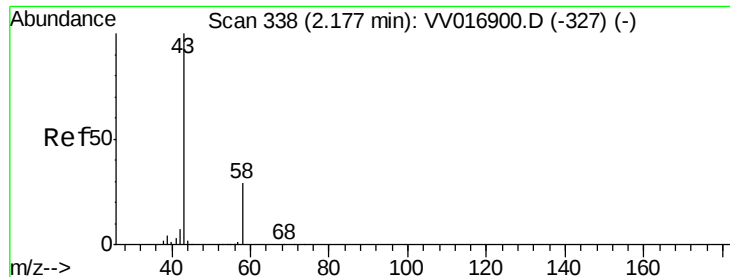
Ion Ratio Lower Upper

101 100

85 4.5 35.5 53.3#

151 4.9 63.9 95.9#





#13

Acetone

Concen: 1.987 ug/L

RT: 2.18 min Scan# 338

Delta R.T. -0.00 min

Lab File: VV016908.D

Acq: 13 Jun 2020 03:42

Instrument :

MSVOA_V

ClientSampled :

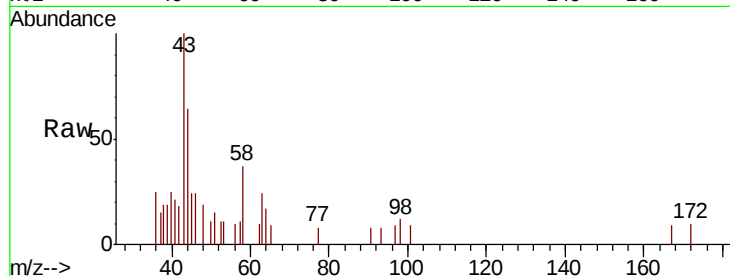
E3YG6

Tot Ion: 43 Resp: 2393

Ion Ratio Lower Upper

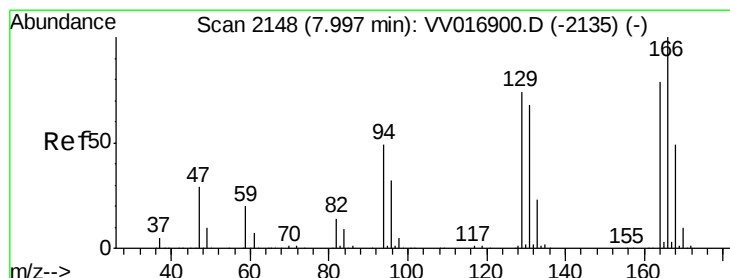
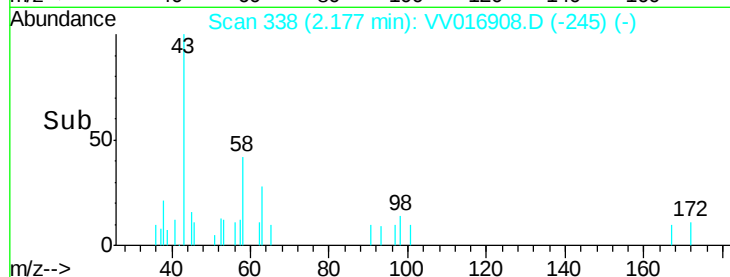
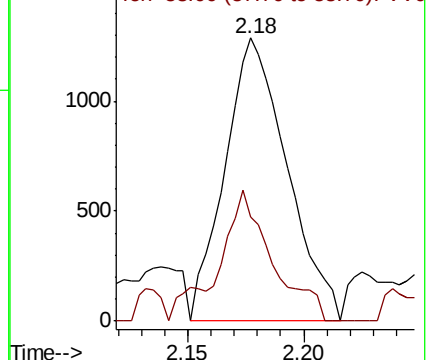
43 100

58 34.5 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV016908.D (-245) (-)

Ion 58.00 (57.70 to 58.70): VV016908.D (-245) (-)



#46

Tetrachloroethene

Concen: 0.995 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. 0.01 min

Lab File: VV016908.D

Acq: 13 Jun 2020 03:42

Tgt Ion: 164 Resp: 2105

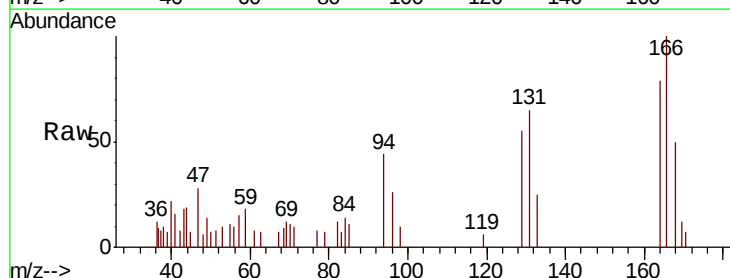
Ion Ratio Lower Upper

164 100

129 70.5 67.0 124.4

131 82.0 64.8 120.3

166 127.1 90.4 167.8

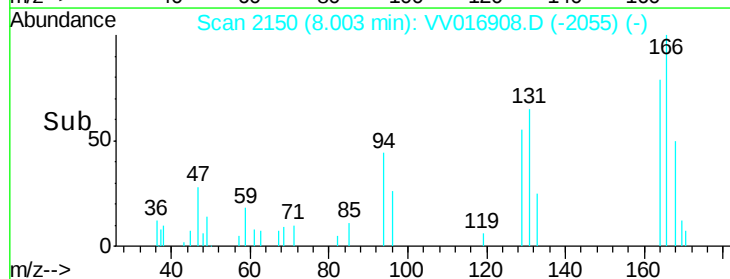
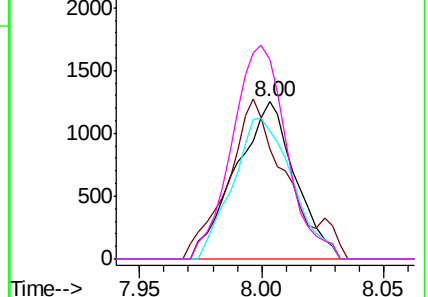


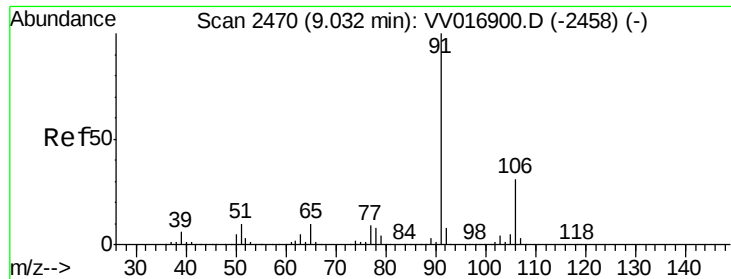
Abundance Ion 164.00 (163.70 to 164.70): VV016908.D (-2055) (-)

Ion 129.00 (128.70 to 129.70): VV016908.D (-2055) (-)

Ion 131.00 (130.70 to 131.70): VV016908.D (-2055) (-)

Ion 166.00 (165.70 to 166.70): VV016908.D (-2055) (-)





#52

Ethylbenzene

Concen: 755.451 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016908.D

Acq: 13 Jun 2020 03:42

Instrument :

MSVOA_V

ClientSampleId :

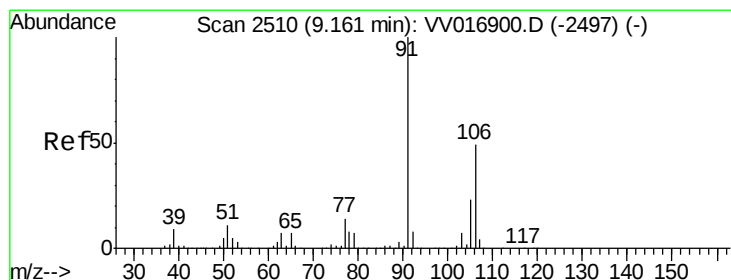
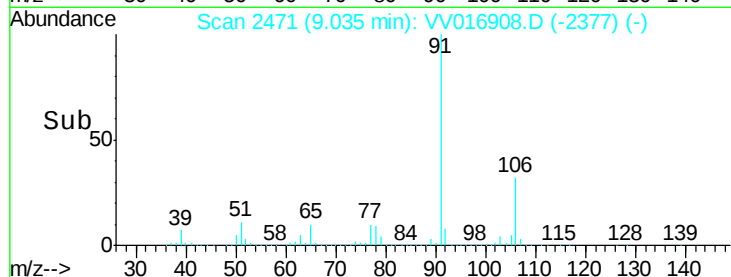
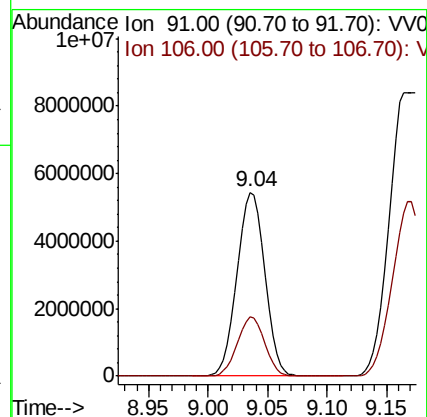
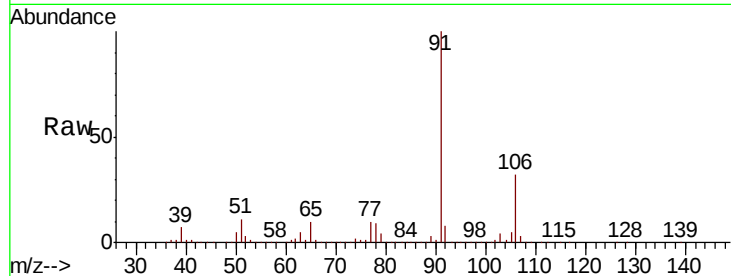
E3YG6

Tot Ion: 91 Resp: 8844688

Ion Ratio Lower Upper

91 100

106 32.0 21.1 39.1



#53

m,p-Xylene

Concen: 2096.363 ug/L

RT: 9.17 min Scan# 2512

Delta R.T. 0.01 min

Lab File: VV016908.D

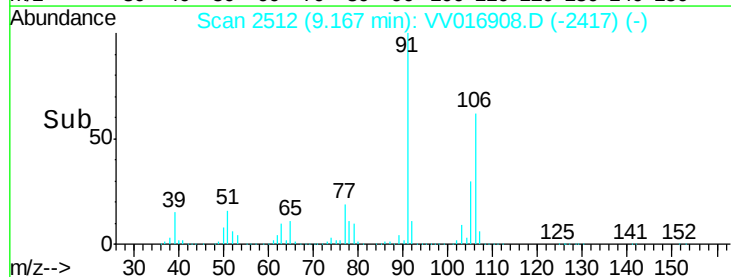
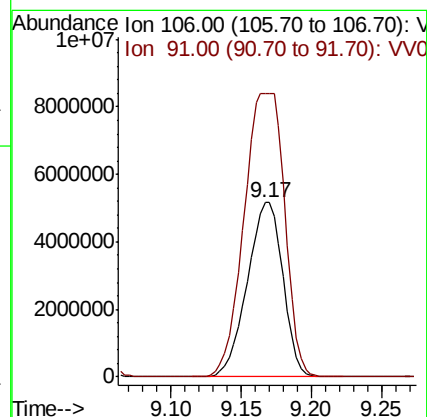
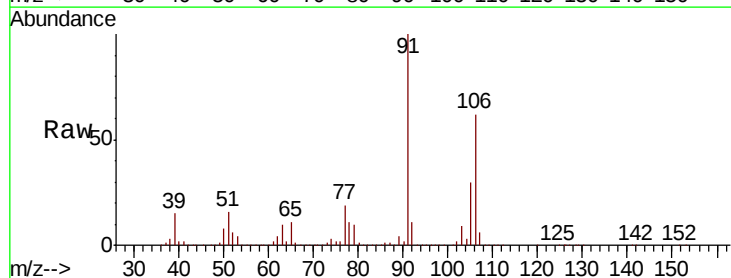
Acq: 13 Jun 2020 03:42

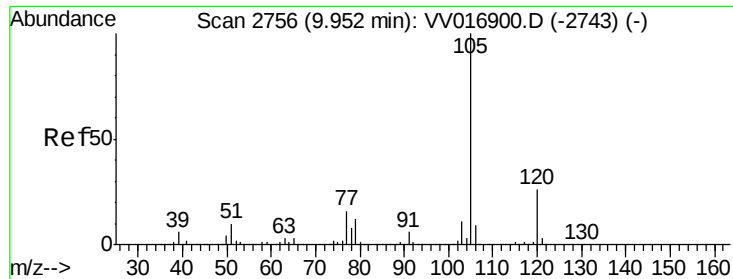
Tgt Ion: 106 Resp: 9138455

Ion Ratio Lower Upper

106 100

91 162.2 144.6 268.6





#56

Isopropylbenzene

Concen: 6.531 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VV016908.D

Acq: 13 Jun 2020 03:42

Instrument :

MSVOA_V

ClientSampleId :

E3YG6

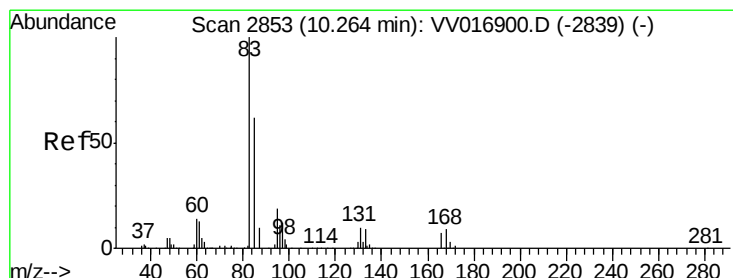
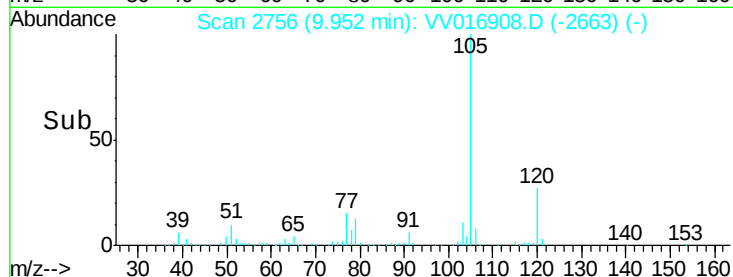
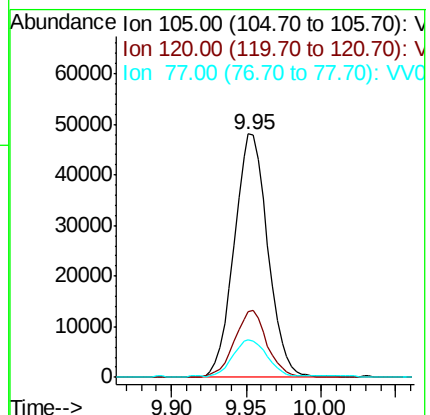
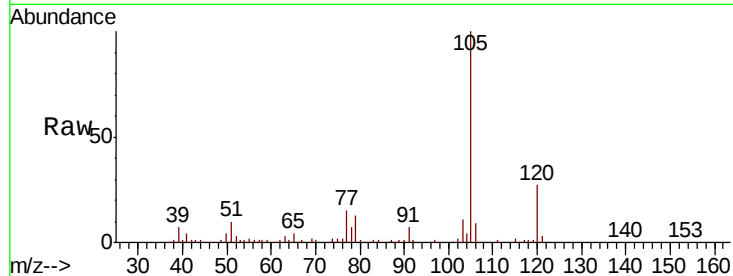
Tot Ion:105 Resp: 75442

Ion Ratio Lower Upper

105 100

120 26.7 21.2 31.8

77 15.3 13.0 19.4



#58

1,1,2,2-Tetrachloroethane

Concen: 1.777 ug/L

RT: 10.26 min Scan# 2853

Delta R.T. -0.00 min

Lab File: VV016908.D

Acq: 13 Jun 2020 03:42

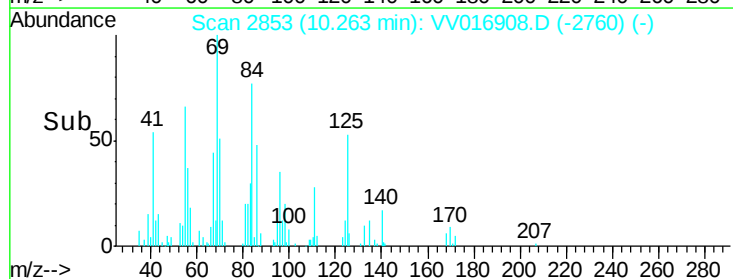
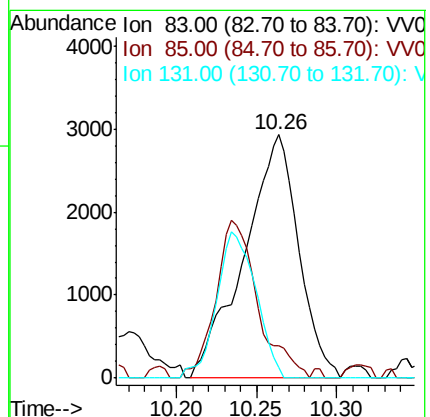
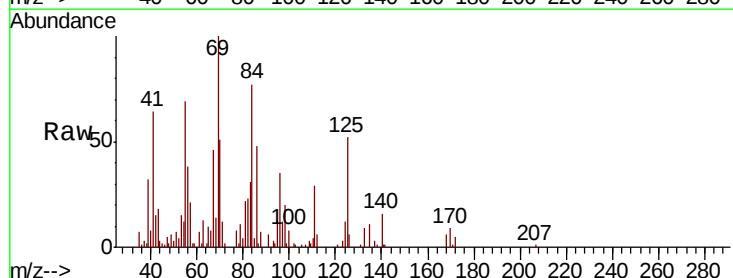
Tgt Ion: 83 Resp: 6854

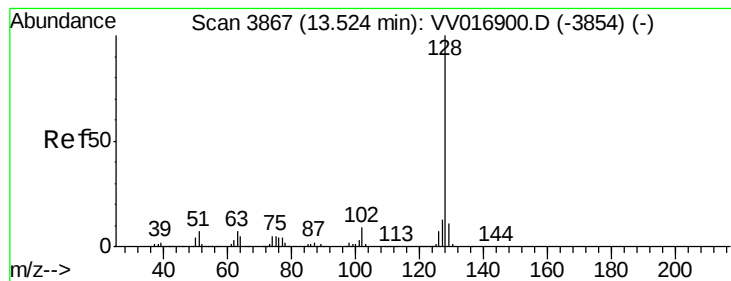
Ion Ratio Lower Upper

83 100

85 13.4 46.8 86.8#

131 4.2 7.9 11.9#





#69

Naphthalene

Concen: 1.931 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.01 min

Lab File: VV016908.D

Acq: 13 Jun 2020 03:42

Instrument :

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ClientSampleId :

E3YG6

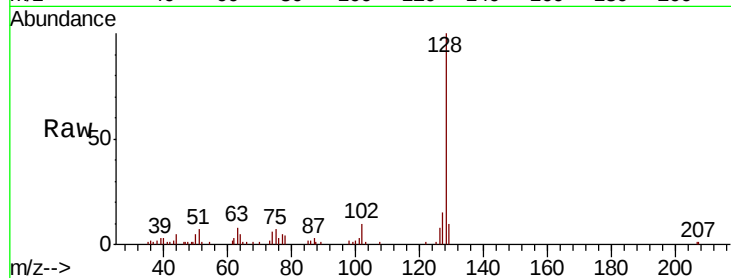
Tot Ion:128 Resp: 20205

Ion Ratio Lower Upper

128 100

127 14.4 10.5 15.7

129 9.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

