

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016620.D
 Acq On : 07 Jun 2020 04:31
 Operator : SY/MD
 Sample : L2875-21MSD
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTX2MSD

Quant Time: Jun 07 07:15:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Jun 07 03:25:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	362617	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	333380	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155864	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	113965	44.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.74%
7) Chloroethane-d5	1.56	69	60305	32.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	65.04%#
11) 1,1-Dichloroethene-d2	2.12	63	199116	43.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.46%
21) 2-Butanone-d5	3.90	46	182507	111.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.13%
24) Chloroform-d	4.37	84	232185	48.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.34%
26) 1,2-Dichloroethane-d4	5.05	65	166251	51.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.02%
32) Benzene-d6	5.07	84	465163	52.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.18%
36) 1,2-Dichloropropane-d6	6.09	67	146110	52.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.02%
41) Toluene-d8	7.34	98	413079	50.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.86%
43) trans-1,3-Dichloropropene-	7.64	79	64703	47.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.42%
47) 2-Hexanone-d5	8.11	63	131549	110.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.39%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	188169	49.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	164495	56.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.32%

Target Compounds

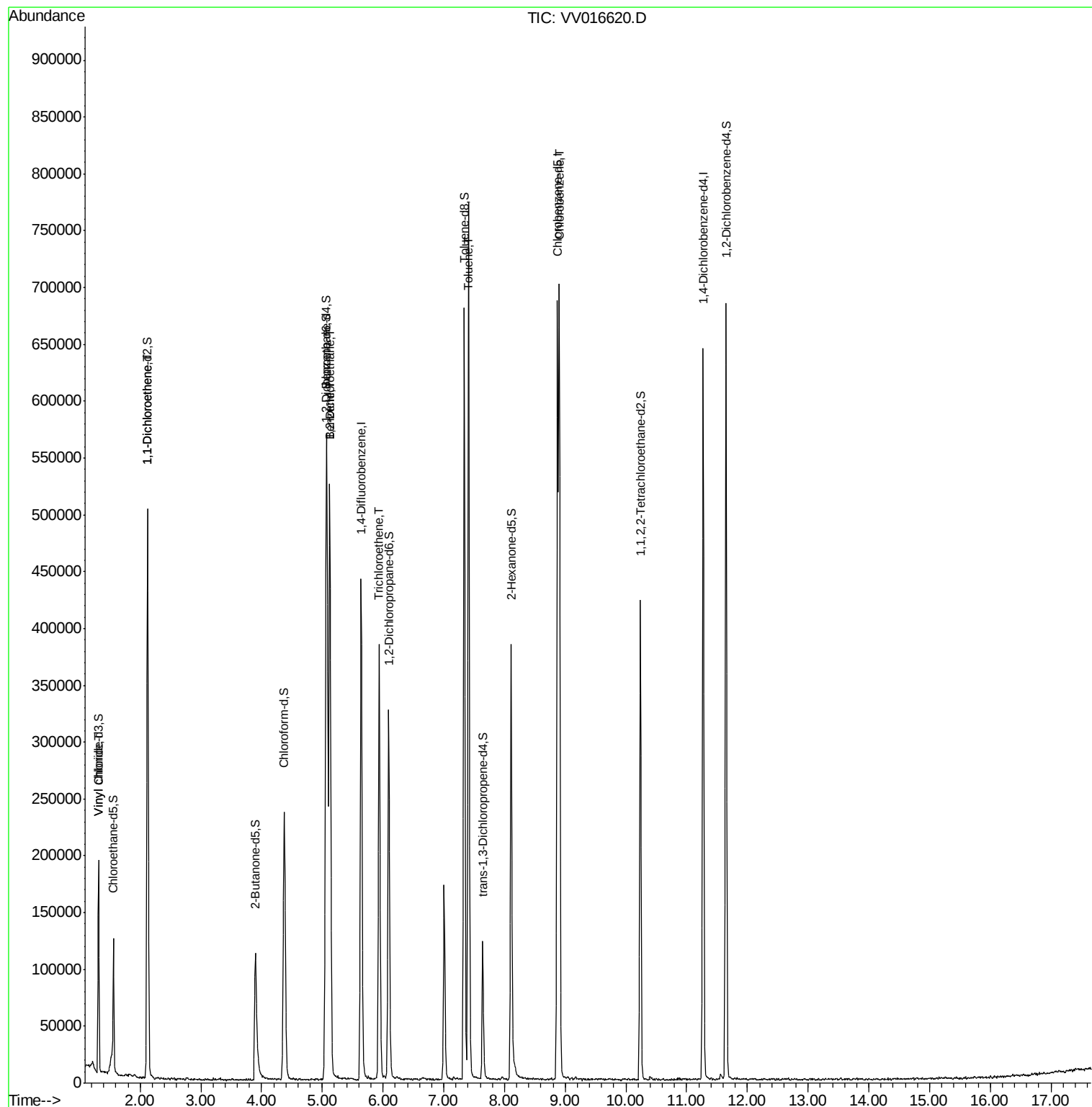
					Ovalue
5) Vinyl chloride	1.32	62	3217	1.155 ug/L #	41
12) 1,1-Dichloroethene	2.13	96	87058	43.244 ug/L	93
27) 1,2-Dichloroethane	5.13	62	4136	1.034 ug/L #	76
33) Benzene	5.12	78	509363	51.951 ug/L	100
34) Trichloroethene	5.94	95	129813	50.458 ug/L	99
42) Toluene	7.41	91	532375	51.242 ug/L	98
51) Chlorobenzene	8.90	112	341057	49.947 ug/L	99

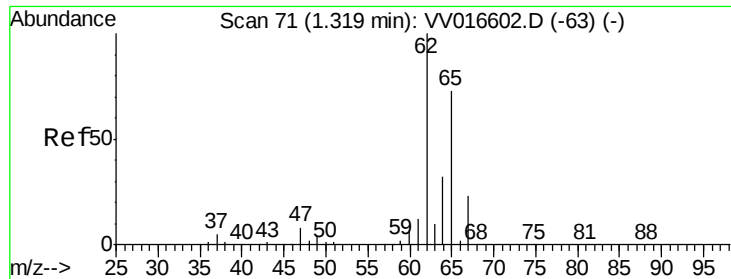
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Jun 07 03:25:55 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.155 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016620.D

Acq: 07 Jun 2020 04:31

Instrument :

MSVOA_V

ClientSampleId :

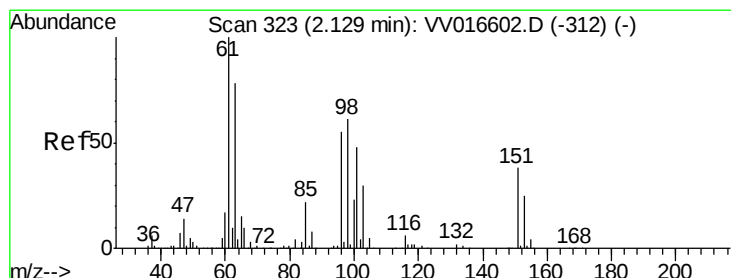
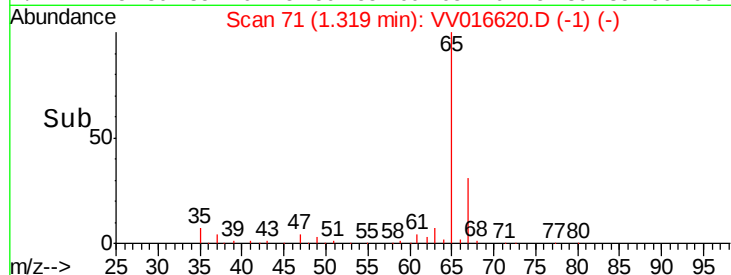
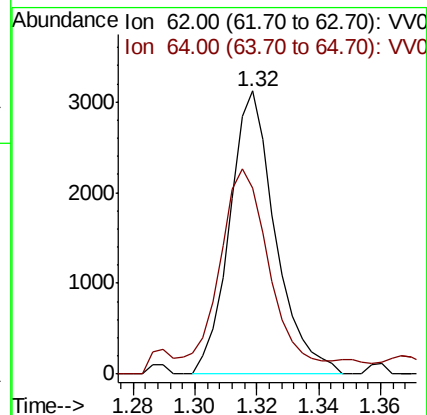
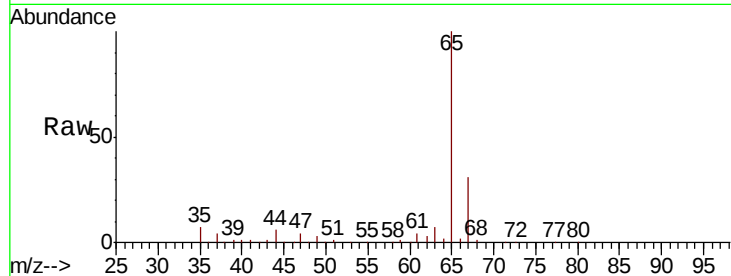
ETTX2MSD

Tot Ion: 62 Resp: 3217

Ion Ratio Lower Upper

62 100

64 65.7 22.7 42.1#



#12

1,1-Dichloroethene

Concen: 43.244 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV016620.D

Acq: 07 Jun 2020 04:31

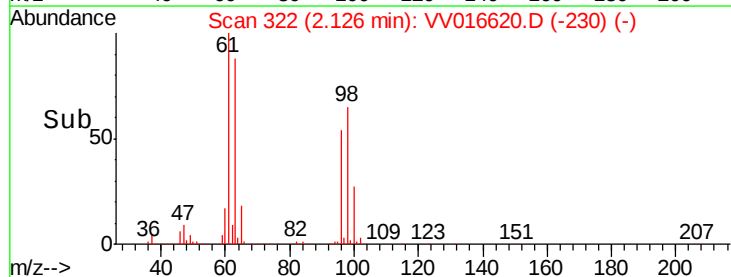
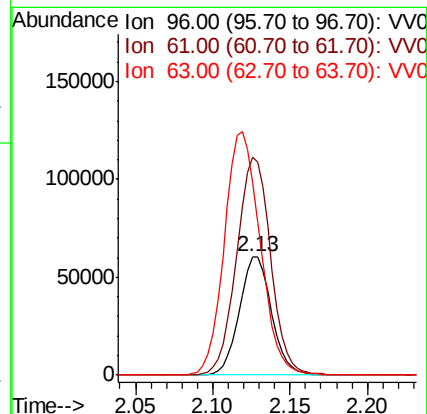
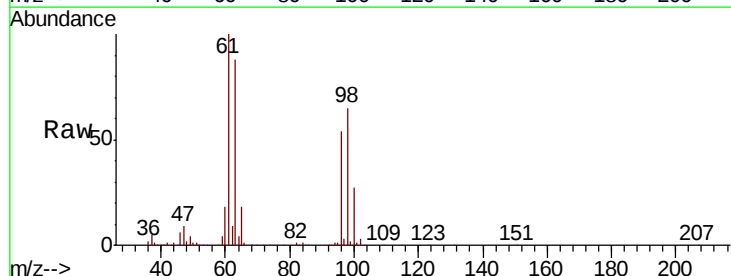
Tgt Ion: 96 Resp: 87058

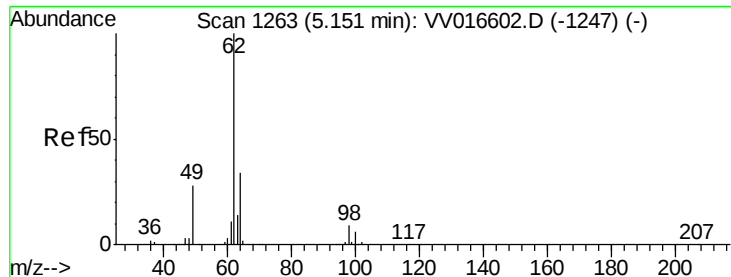
Ion Ratio Lower Upper

96 100

61 184.7 125.5 233.1

63 163.1 104.0 193.1





#27

1,2-Dichloroethane

Concen: 1.034 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. -0.03 min

Lab File: VV016620.D

Acq: 07 Jun 2020 04:31

Instrument :

MSVOA_V

ClientSampleId :

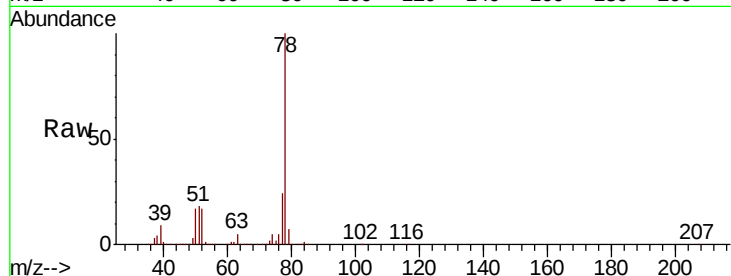
ETTX2MSD

Tot Ion: 62 Resp: 4136

Ion Ratio Lower Upper

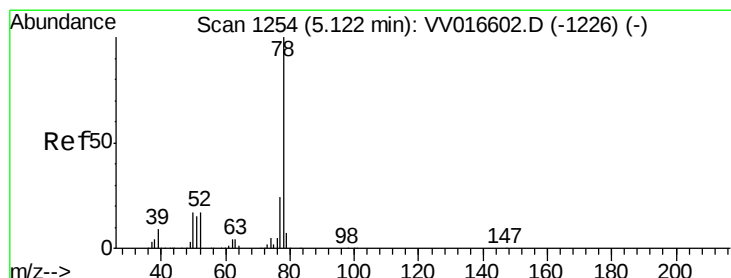
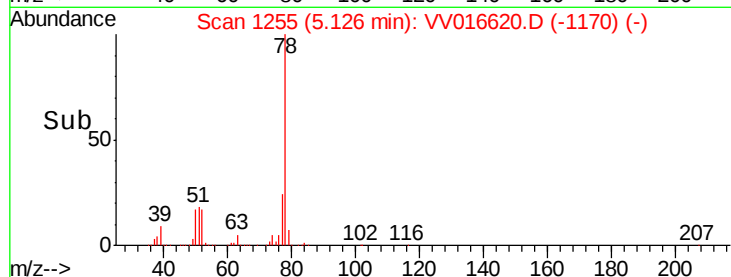
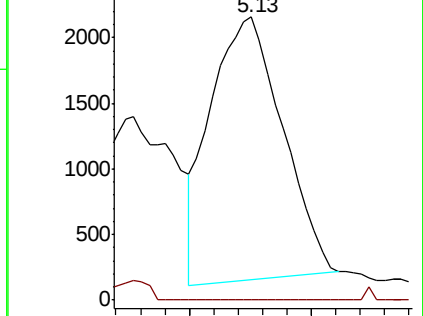
62 100

98 0.0 6.9 10.3#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#33

Benzene

Concen: 51.951 ug/L

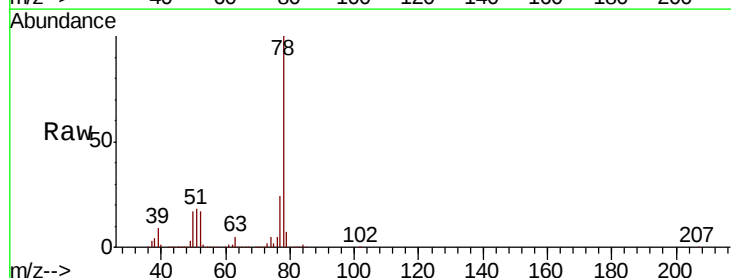
RT: 5.12 min Scan# 1254

Delta R.T. -0.00 min

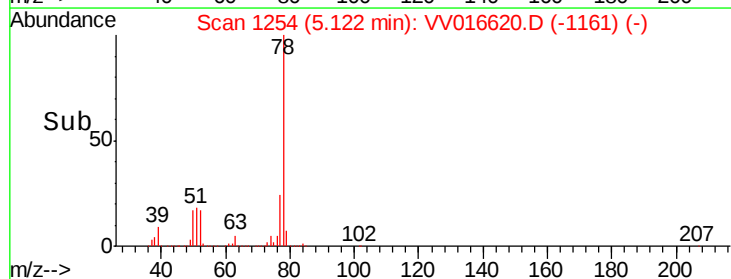
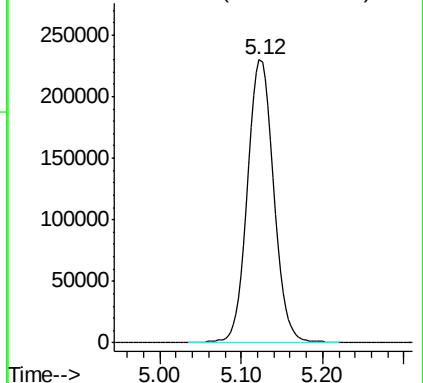
Lab File: VV016620.D

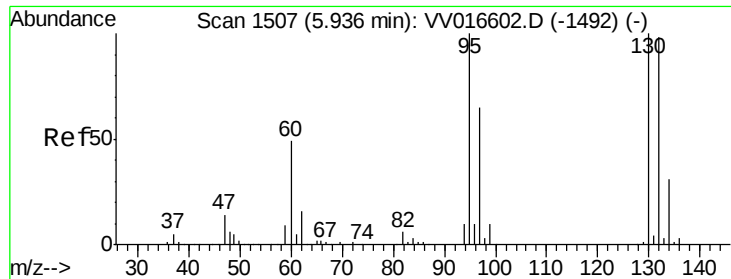
Acq: 07 Jun 2020 04:31

Tgt Ion: 78 Resp: 509363



Abundance Ion 78.00 (77.70 to 78.70): VV0





#34

Trichloroethene

Concen: 50.458 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV016620.D

Acq: 07 Jun 2020 04:31

Instrument :

MSVOA_V

ClientSampleId :

ETTX2MSD

Tot Ion: 95 Resp: 129813

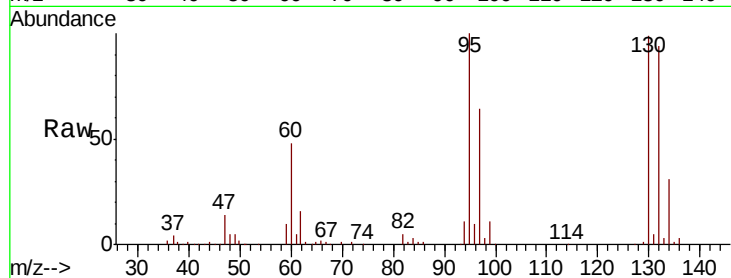
Ion Ratio Lower Upper

95 100

97 63.7 42.8 79.6

132 94.4 65.6 121.8

130 98.9 69.0 128.1

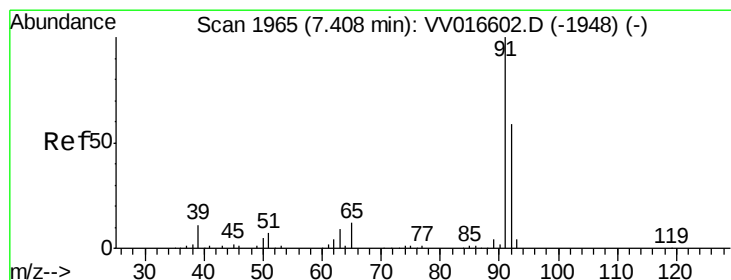
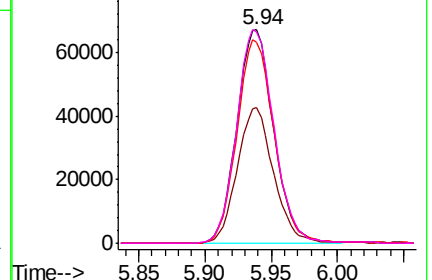
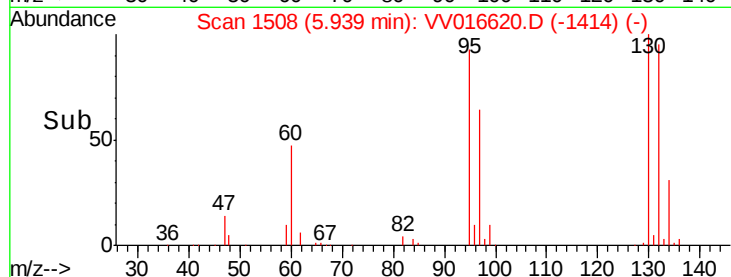


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#42

Toluene

Concen: 51.242 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VV016620.D

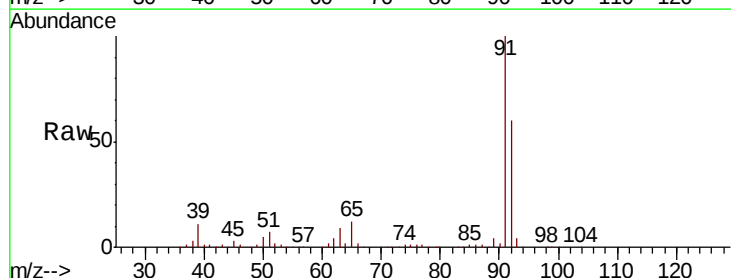
Acq: 07 Jun 2020 04:31

Tgt Ion: 91 Resp: 532375

Ion Ratio Lower Upper

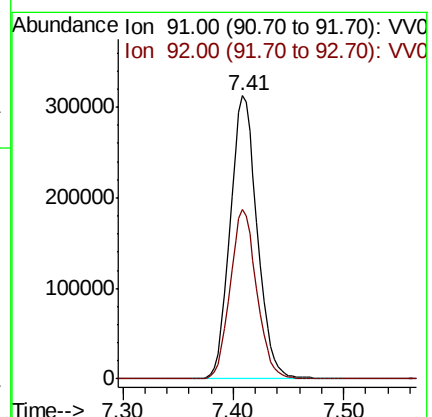
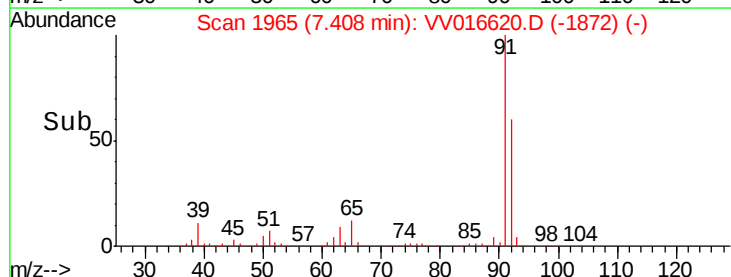
91 100

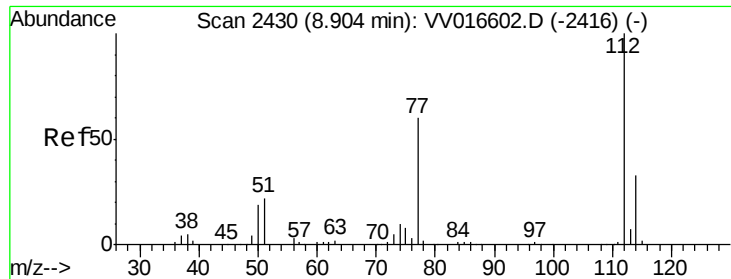
92 59.7 40.9 75.9



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0





#51
 Chlorobenzene
 Concen: 49.947 ug/L
 RT: 8.90 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: VV016620.D
 Acq: 07 Jun 2020 04:31

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTX2MSD

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.9	22.7	42.1
77	60.0	47.4	71.2

