

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111319\
 Data File : VV013609.D
 Acq On : 13 Nov 2019 17:40
 Operator : SY/MD
 Sample : K5815-03MSD
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5460MSD

Quant Time: Nov 14 06:41:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 14 06:01:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.68	114	333753	5.00	ug/L	-0.02
28) Chlorobenzene-d5	8.91	117	308189	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	126986	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.34	65	106997	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.61	69	88719	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.16	63	171900	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.60%
20) 2-Butanone-d5	4.02	46	268915	70.04	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	140.08%#
24) Chloroform-d	4.42	84	187067	5.08	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.09	65	95721	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.10	84	375752	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.15	67	134726	5.29	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.40	98	324163	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	7.69	79	48262	5.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.80%
46) 2-Hexanone-d5	8.16	63	221987	58.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.44%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	96800	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	137305	6.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.40%#

Target Compounds

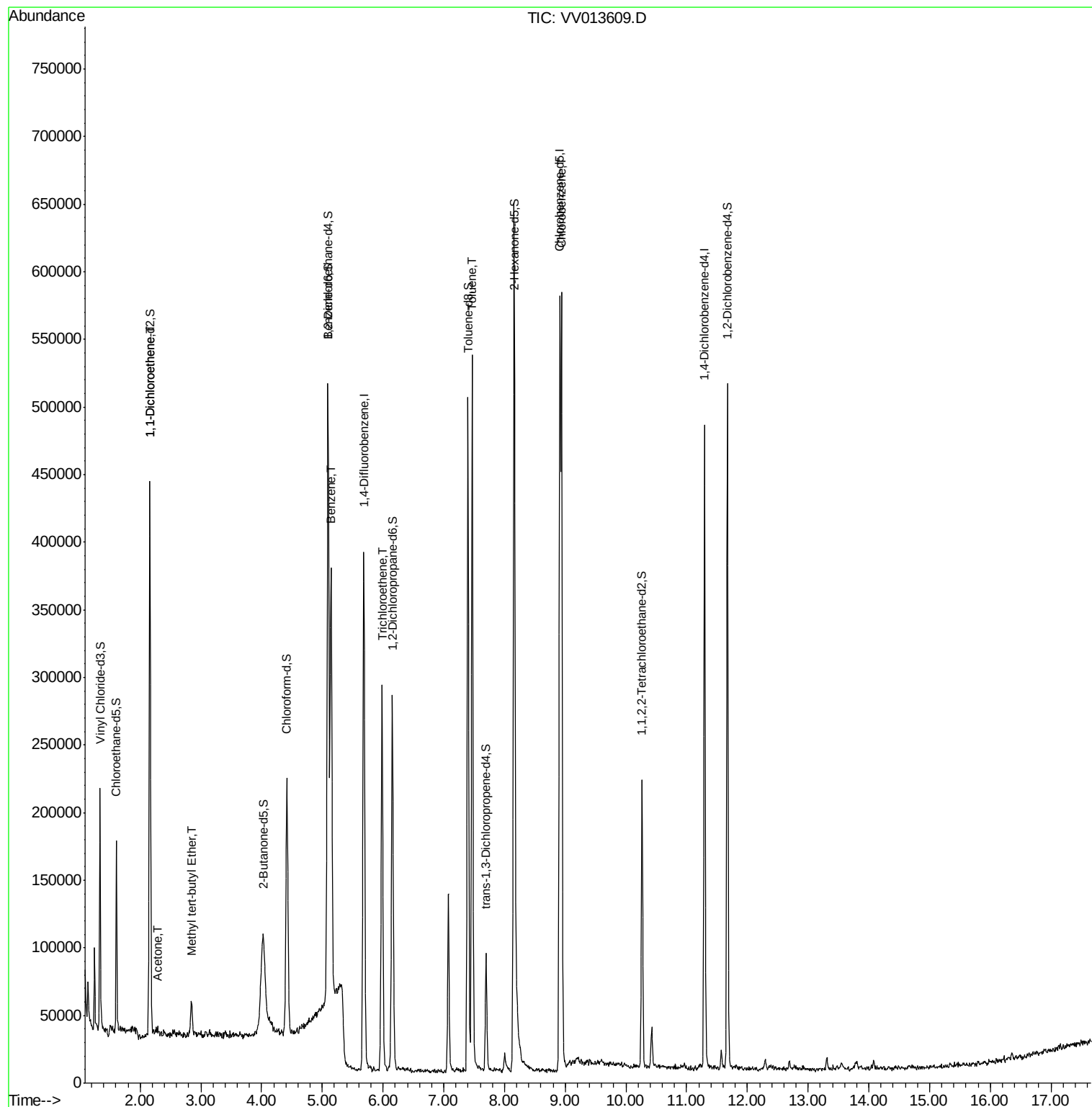
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.17	96	68293	3.520	ug/L	95
13) Acetone	2.28	43	6598	2.658	ug/L	73
17) Methyl tert-butyl Ether	2.85	73	28508	0.628	ug/L	99
33) Benzene	5.14	78	326901	3.631	ug/L	100
34) Trichloroethene	5.98	95	99553	3.939	ug/L	96
42) Toluene	7.47	91	376668	3.852	ug/L	100
51) Chlorobenzene	8.94	112	290347	4.531	ug/L	97

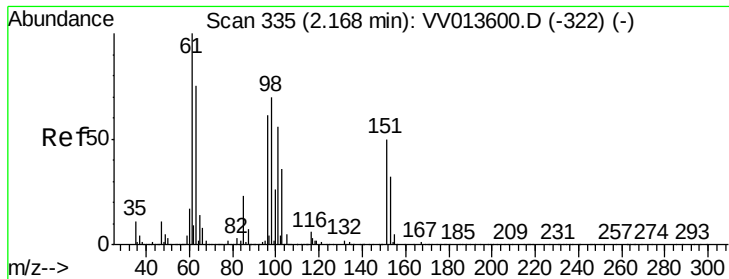
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 14 06:01:41 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 3.520 ug/L

RT: 2.17 min Scan# 335

Delta R.T. 0.00 min

Lab File: VV013609.D

Acq: 13 Nov 2019 17:40

Instrument :

MSVOA_V

ClientSampleId :

A5460MSD

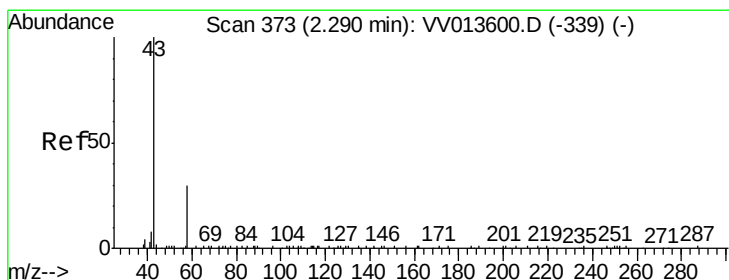
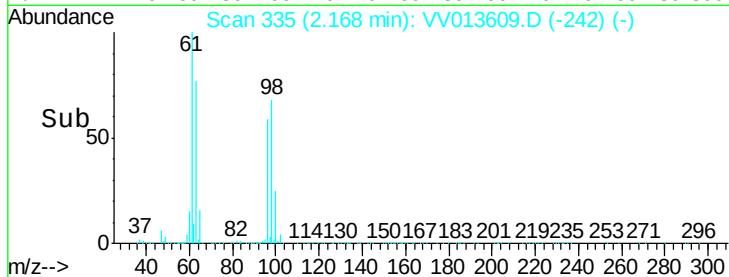
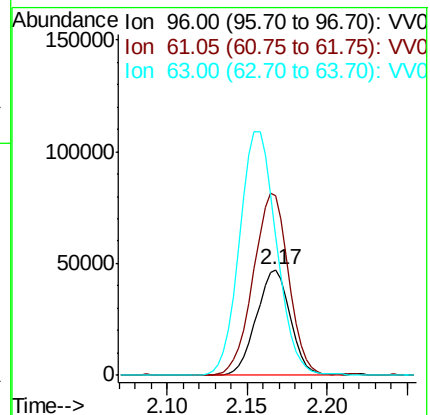
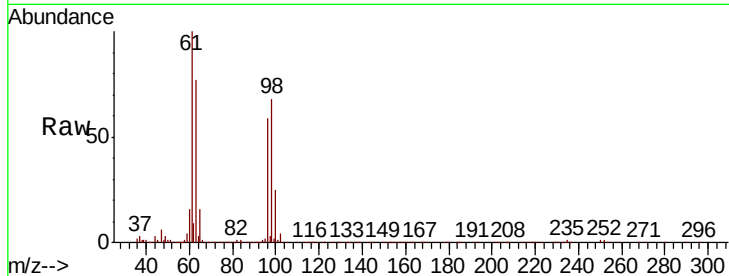
Tot Ion: 96 Resp: 68293

Ion Ratio Lower Upper

96 100

61 169.8 115.6 214.6

63 131.4 87.2 162.0



#13

Acetone

Concen: 2.658 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VV013609.D

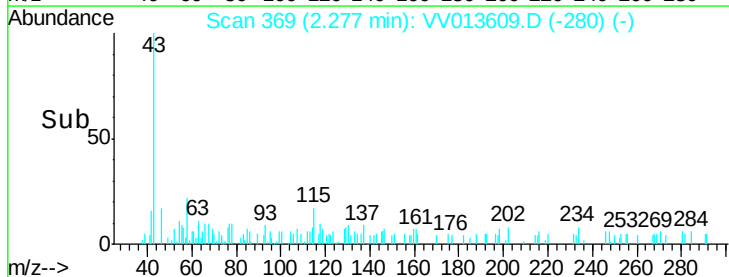
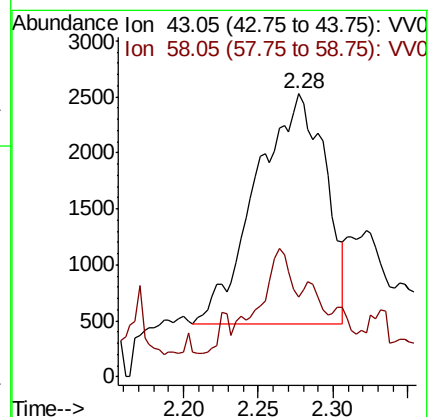
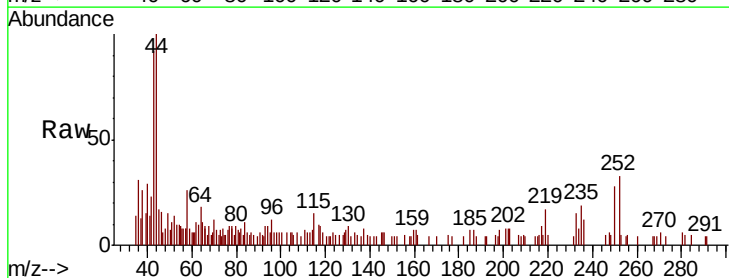
Acq: 13 Nov 2019 17:40

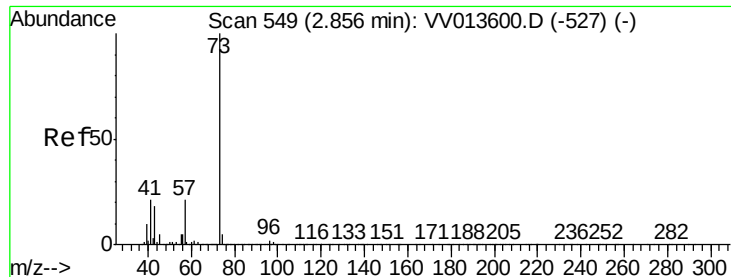
Tgt Ion: 43 Resp: 6598

Ion Ratio Lower Upper

43 100

58 3.4 0.0 28.8

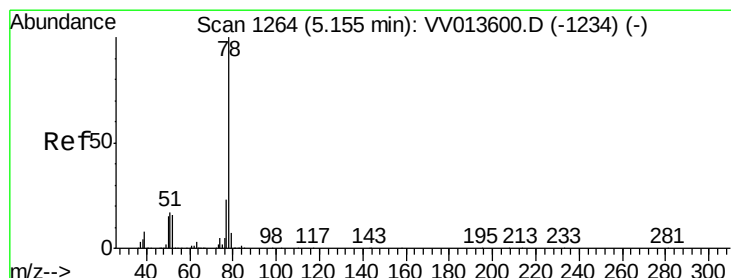
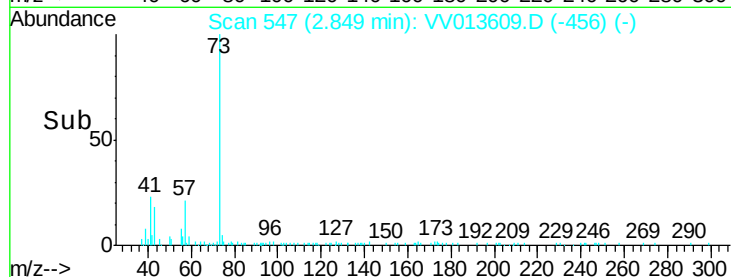
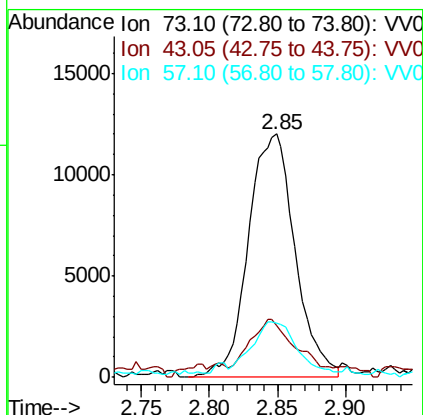
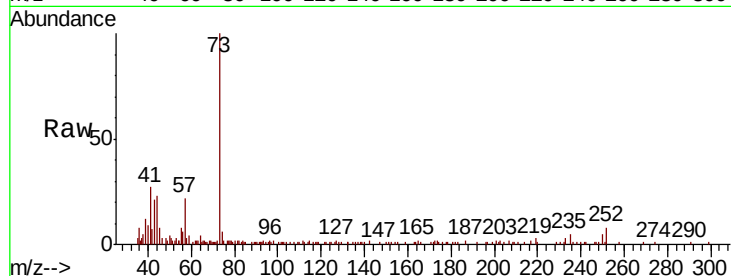




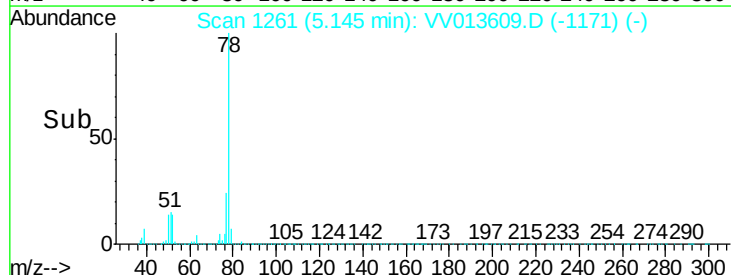
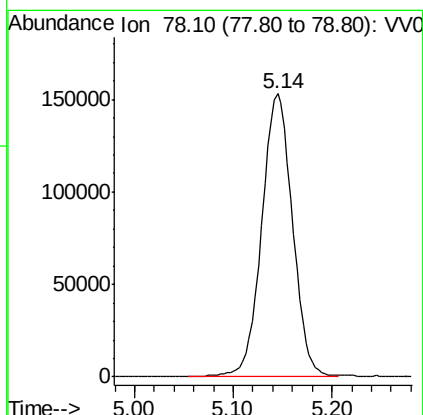
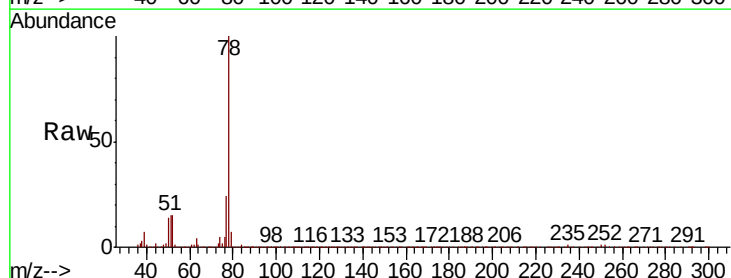
#17
Methvl tert-butyl Ether
Concen: 0.628 ug/L
RT: 2.85 min Scan# 547
Delta R.T. -0.01 min
Lab File: VV013609.D
Acq: 13 Nov 2019 17:40

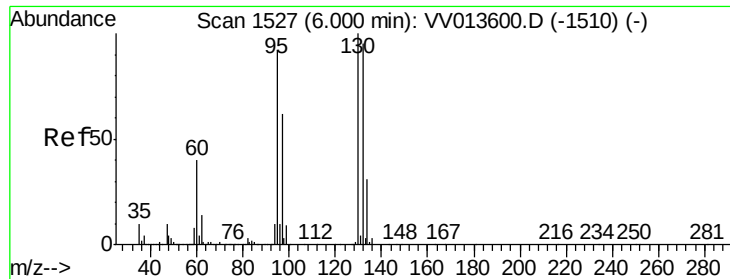
Instrument :
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A5460MSD

Tot Ion: 73 Resp: 28508
Ion Ratio Lower Upper
73 100
43 17.5 14.8 22.2
57 20.2 16.3 24.5



#33
Benzene
Concen: 3.631 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. -0.01 min
Lab File: VV013609.D
Acq: 13 Nov 2019 17:40
Tgt Ion: 78 Resp: 326901





#34

Trichloroethene

Concen: 3.939 ug/L

RT: 5.98 min Scan# 1522

Delta R.T. -0.02 min

Lab File: VV013609.D

Acq: 13 Nov 2019 17:40

Instrument :

MSVOA_V

ClientSampleId :

A5460MSD

Tot Ion: 95 Resp: 99553

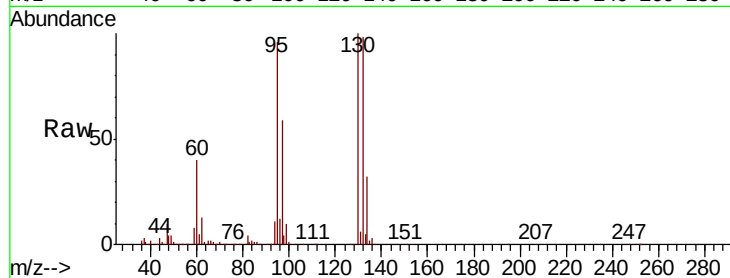
Ion Ratio Lower Upper

95 100

97 61.0 47.0 87.4

132 102.1 72.2 134.0

130 103.7 75.7 140.7

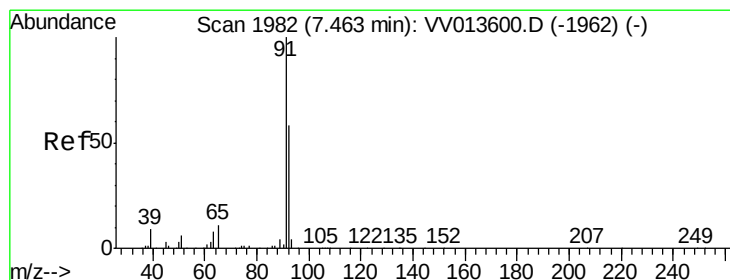
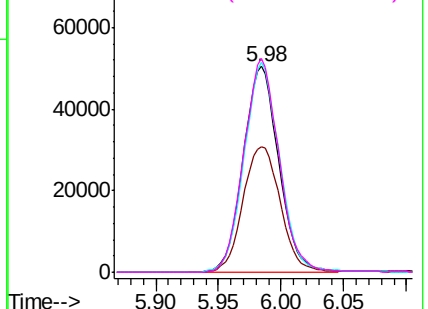
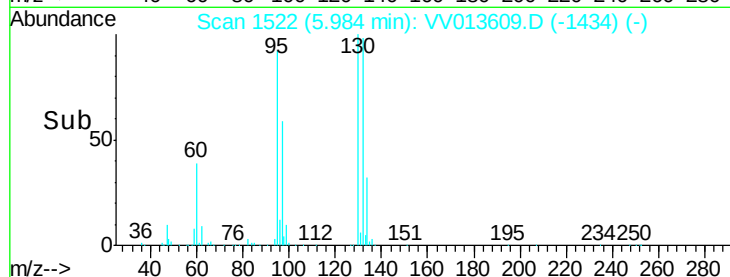


Abundance Ion 95.00 (94.70 to 95.70): VV013609.D (-1434) (-)

Ion 96.95 (96.65 to 97.65): VV013609.D (-1434) (-)

Ion 131.95 (131.65 to 132.65): VV013609.D (-1434) (-)

Ion 129.95 (129.65 to 130.65): VV013609.D (-1434) (-)



#42

Toluene

Concen: 3.852 ug/L

RT: 7.47 min Scan# 1984

Delta R.T. 0.01 min

Lab File: VV013609.D

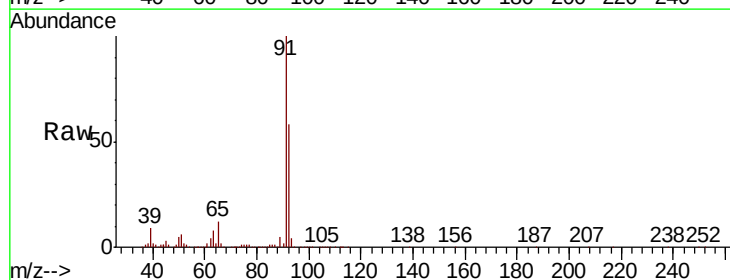
Acq: 13 Nov 2019 17:40

Tgt Ion: 91 Resp: 376668

Ion Ratio Lower Upper

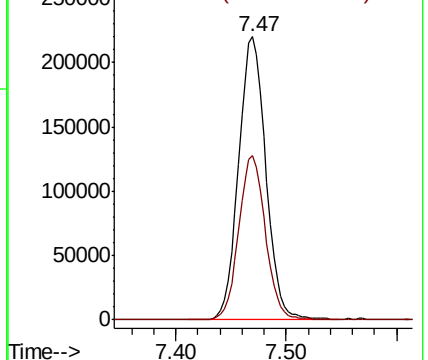
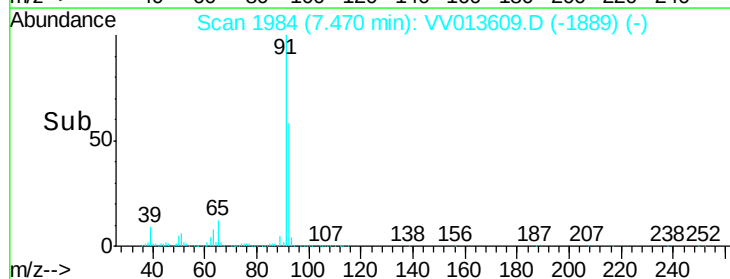
91 100

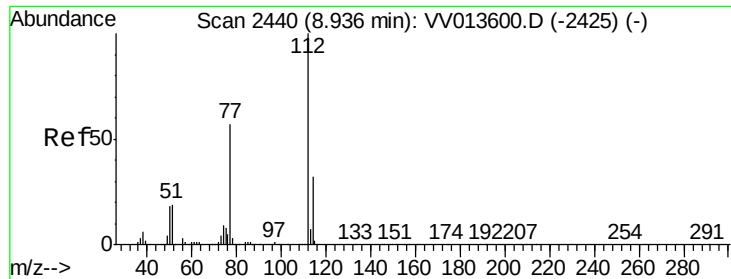
92 58.1 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV013609.D (-1889) (-)

Ion 92.15 (91.85 to 92.85): VV013609.D (-1889) (-)





#51

Chlorobenzene

Concen: 4.531 ug/L

RT: 8.94 min Scan# 2441

Delta R.T. 0.00 min

Lab File: VV013609.D

Acq: 13 Nov 2019 17:40

Instrument :

MSVOA_V

ClientSampleId :

A5460MSD

Tot Ion:112 Resp: 290347

Ion Ratio Lower Upper

112 100

114 33.0 22.3 41.5

77 59.7 46.0 69.0

