

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092619\
 Data File : VV012995.D
 Acq On : 26 Sep 2019 13:08
 Operator : SY/MD
 Sample : K4988-07MSD
 Misc : 5.25G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESNY8MSD

Quant Time: Sep 27 03:46:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 02:13:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	667898	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	603376	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	271683	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	224529	21.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.68%
7) Chloroethane-d5	1.58	69	204488	24.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.64%
10) 1,1-Dichloroethene-d2	2.13	63	400001	23.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.84%
20) 2-Butanone-d5	3.94	46	119122	33.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.58%
24) Chloroform-d	4.40	84	448557	24.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.08	65	265646	24.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.64%
29) Benzene-d6	5.10	84	920707	27.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.32%
33) 1,2-Dichloropropane-d6	6.12	67	298334	28.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.00%
37) Toluene-d8	7.36	98	768296	25.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.48%
38) trans-1,3-Dichloropropene-	7.66	79	101529	22.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.84%
39) 2-Hexanone-d5	8.13	63	83863	39.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.94%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	239718	23.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.60%
61) 1,2-Dichlorobenzene-d4	11.67	152	255425	24.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.80%

Target Compounds

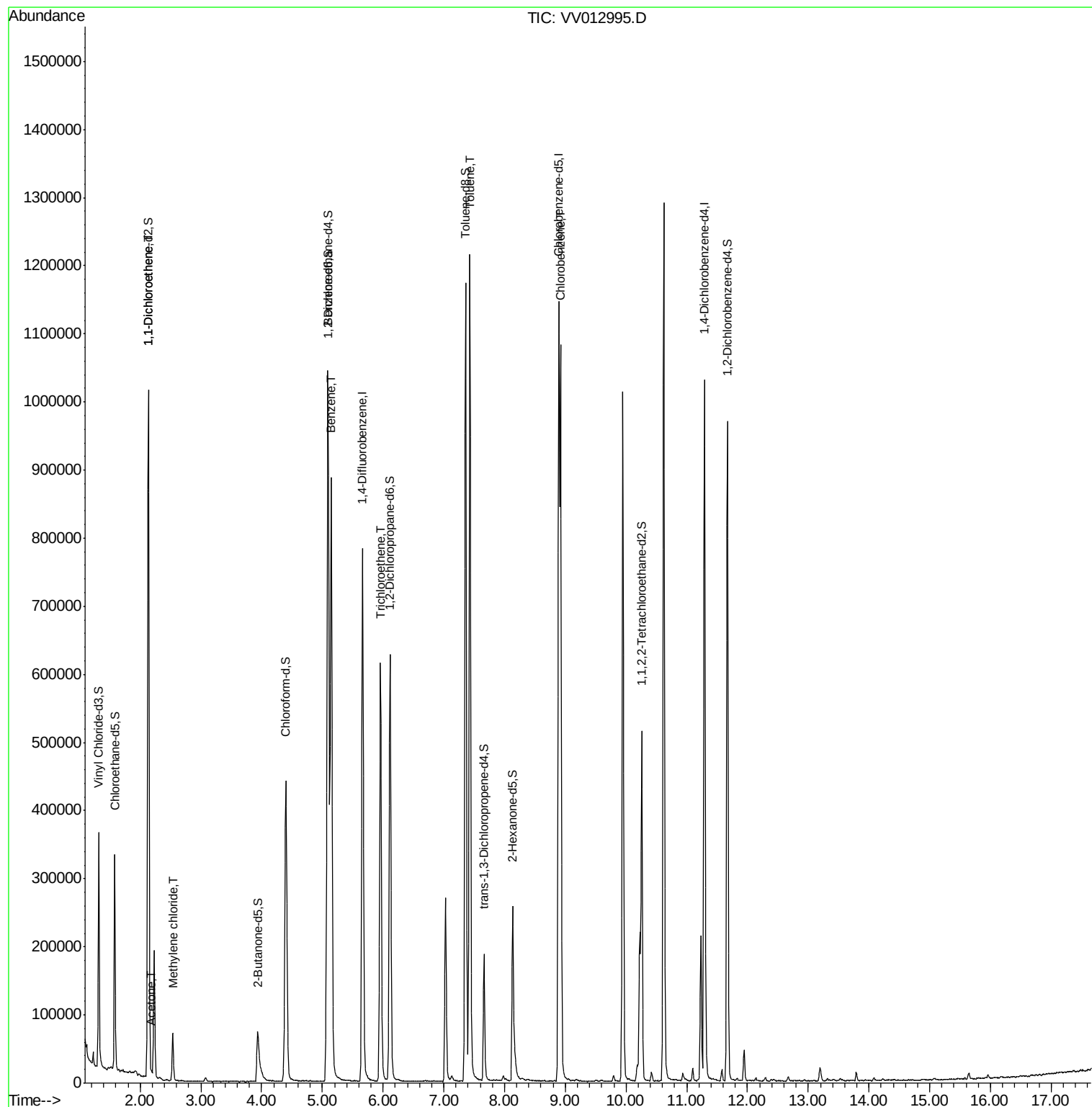
					Ovalue
12) 1,1-Dichloroethene	2.14	96	186233	24.666 ug/L	96
13) Acetone	2.19	43	5646	1.485 ug/L	100
16) Methylene chloride	2.54	84	29014	2.906 ug/L	97
34) Benzene	5.14	78	871316	25.943 ug/L	100
35) Trichloroethene	5.96	95	209887	22.433 ug/L	99
44) Toluene	7.43	91	875787	24.724 ug/L	100
52) Chlorobenzene	8.92	112	554757	22.694 ug/L	99

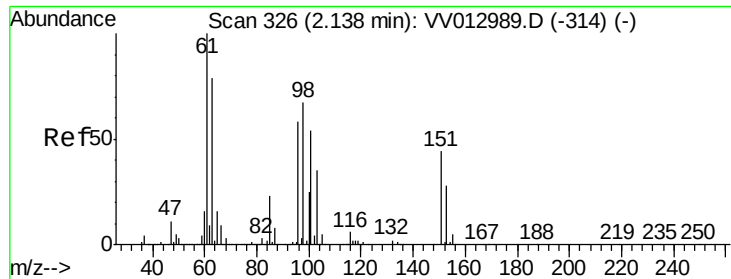
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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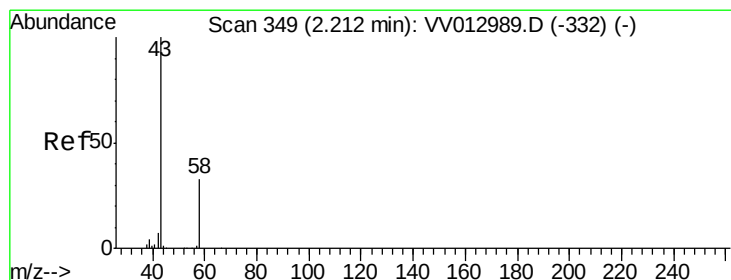
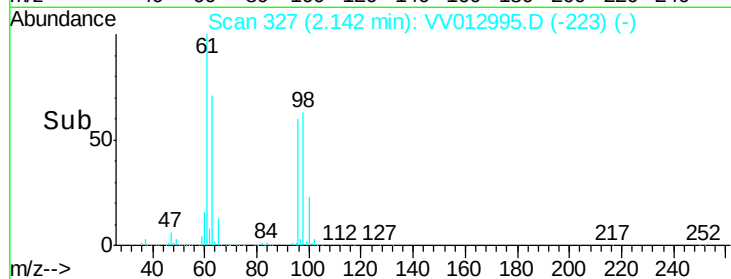
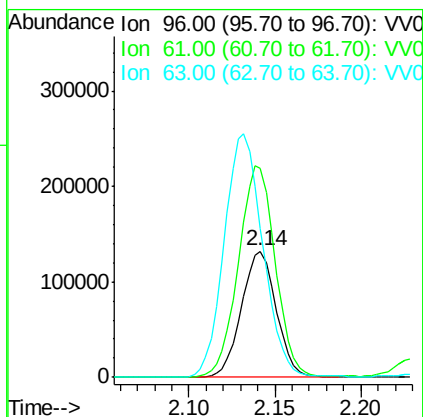
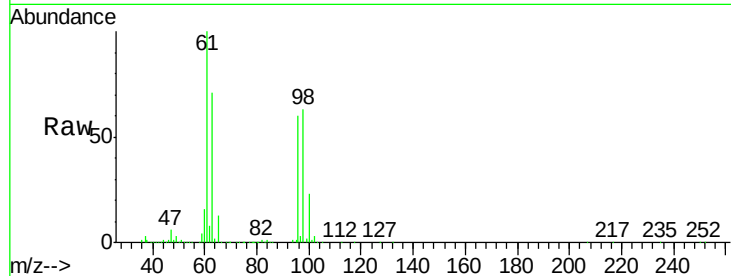




#12
 1,1-Dichloroethene
 Concen: 24.666 ug/L
 RT: 2.14 min Scan# 327
 Delta R.T. 0.00 min
 Lab File: VV012995.D
 Acq: 26 Sep 2019 13:08

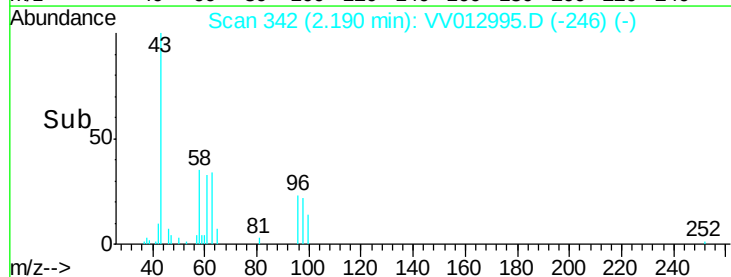
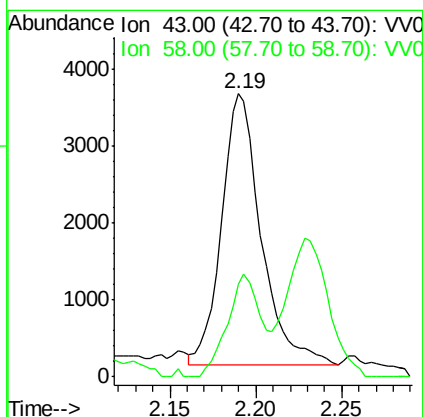
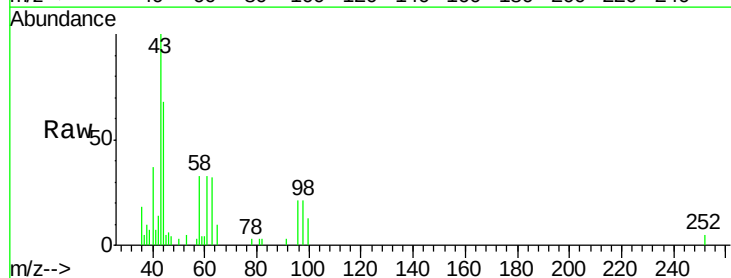
Instrument :
 MSVOA_V
 ClientSampleId :
 ESNY8MSD

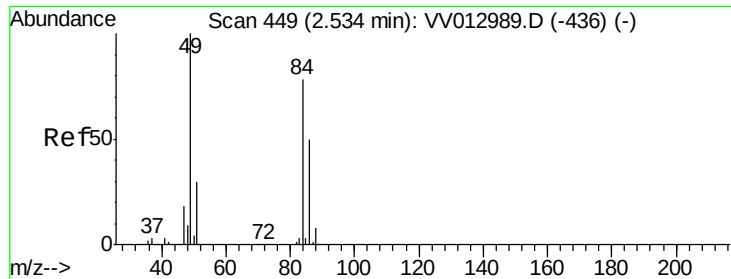
Tot Ion: 96 Resp: 186233
 Ion Ratio Lower Upper
 96 100
 61 166.6 117.2 217.8
 63 118.7 89.6 166.4



#13
 Acetone
 Concen: 1.485 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. -0.02 min
 Lab File: VV012995.D
 Acq: 26 Sep 2019 13:08

Tgt Ion: 43 Resp: 5646
 Ion Ratio Lower Upper
 43 100
 58 32.7 0.0 65.0

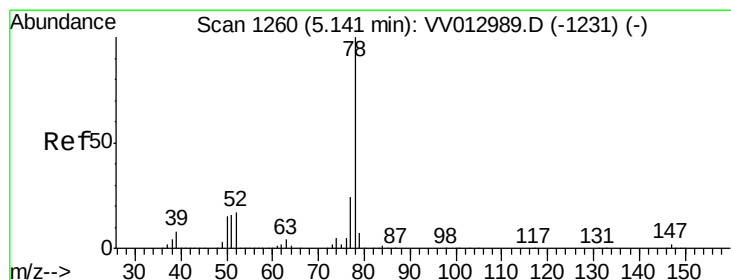
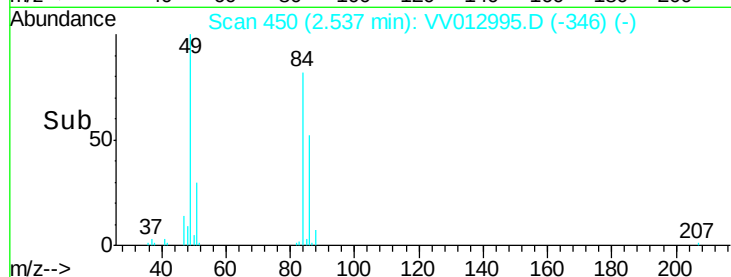
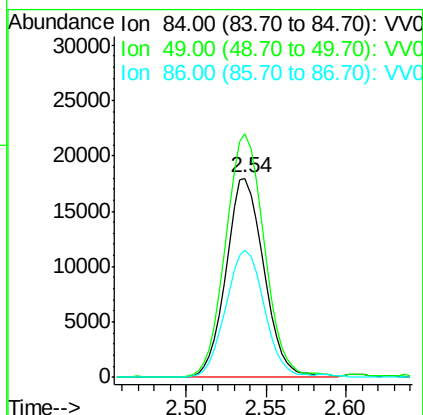
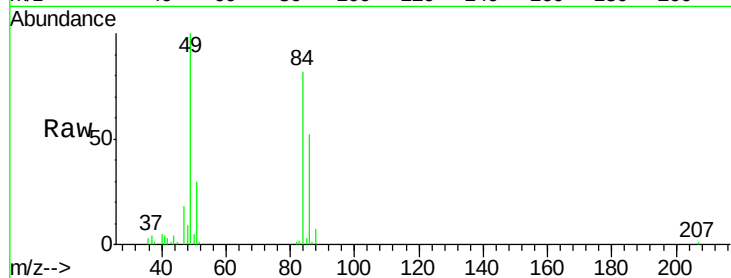




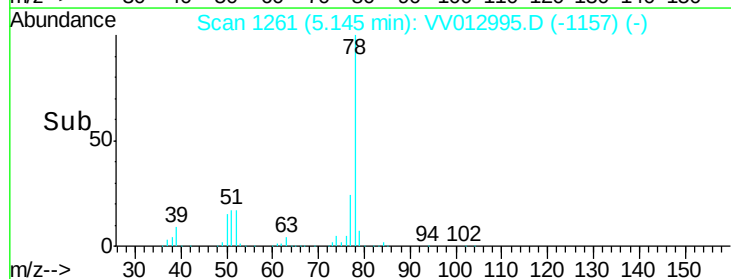
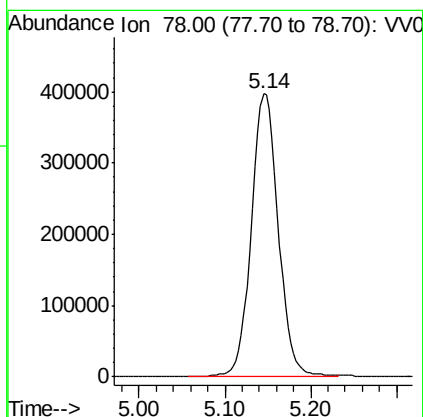
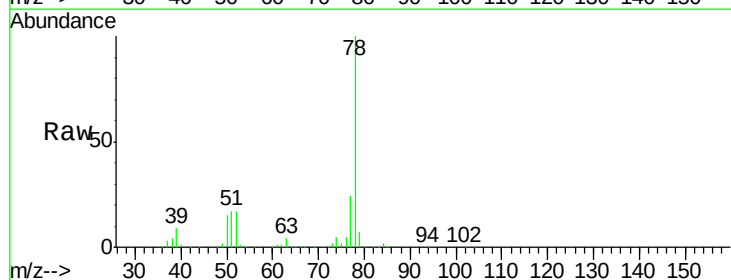
#16
Methvlene chloride
Concen: 2.906 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV012995.D
Acq: 26 Sep 2019 13:08

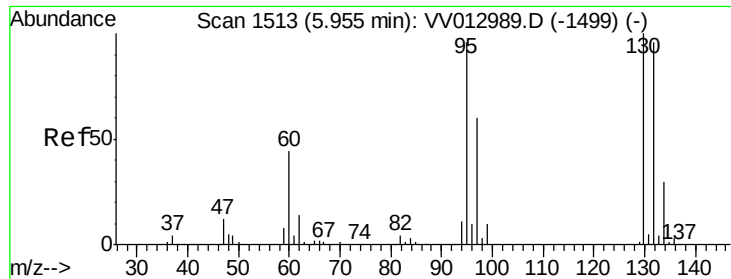
Instrument :
MSVOA_V
ClientSampleId :
ESNY8MSD

Tot Ion: 84 Resp: 29014
Ion Ratio Lower Upper
84 100
49 122.2 88.3 164.1
86 63.5 44.9 83.3



#34
Benzene
Concen: 25.943 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV012995.D
Acq: 26 Sep 2019 13:08
Tgt Ion: 78 Resp: 871316





#35

Trichloroethene

Concen: 22.433 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012995.D

Acq: 26 Sep 2019 13:08

Instrument :

MSVOA_V

ClientSampleId :

ESNY8MSD

Tot Ion: 95 Resp: 209887

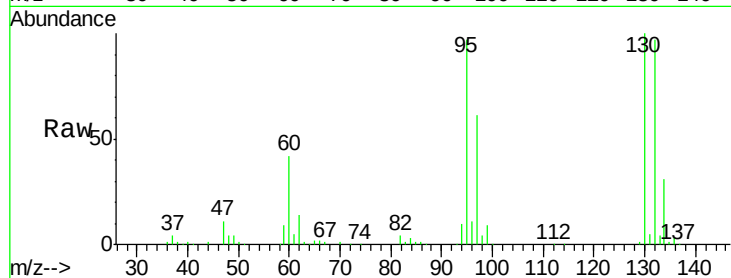
Ion Ratio Lower Upper

95 100

97 63.4 44.7 82.9

132 99.7 70.1 130.1

130 103.1 73.3 136.1

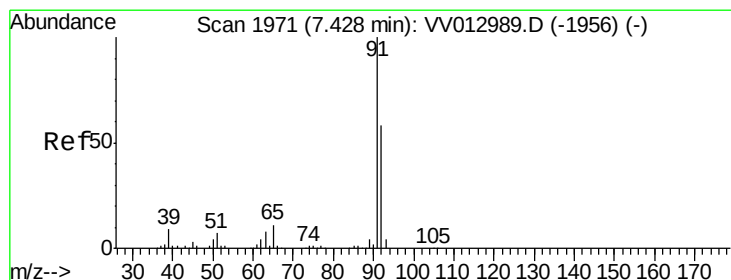
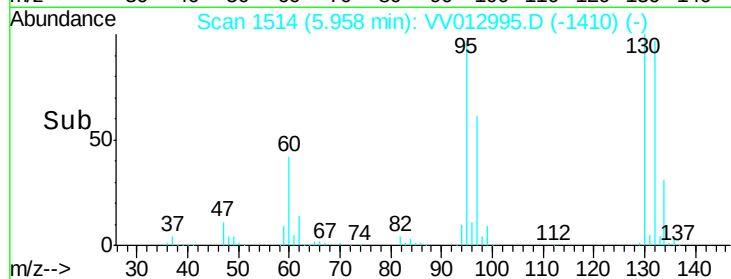
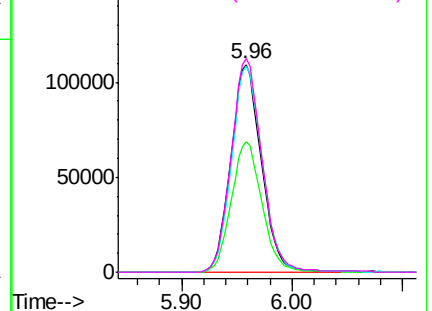


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#44

Toluene

Concen: 24.724 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012995.D

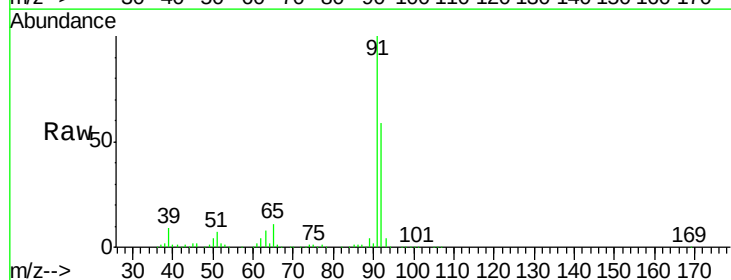
Acq: 26 Sep 2019 13:08

Tgt Ion: 91 Resp: 875787

Ion Ratio Lower Upper

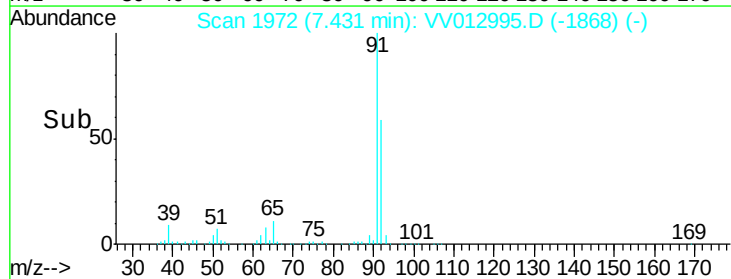
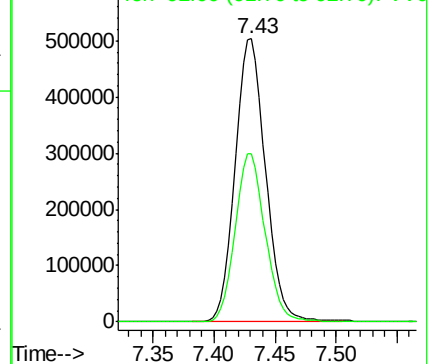
91 100

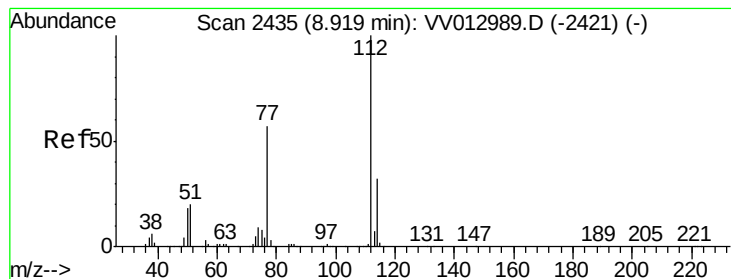
92 59.3 41.3 76.7



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0





#52

Chlorobenzene

Concen: 22.694 ug/L

RT: 8.92 min Scan# 2436

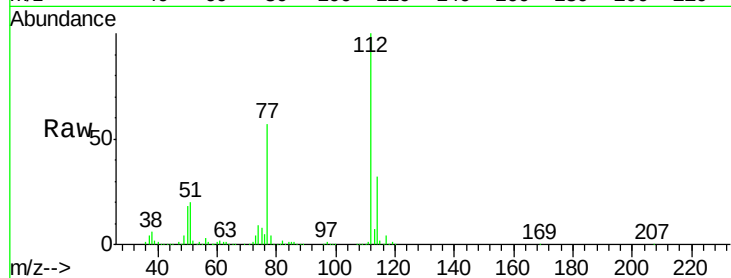
Delta R.T. 0.00 min

Lab File: VV012995.D

Acq: 26 Sep 2019 13:08

Instrument :
MSVOA_V
ClientSampleId :
ESNY8MSD

Tot Ion:	112	Resp:	554757
Ion	Ratio	Lower	Upper
112	100		
77	56.8	46.3	69.5
114	32.1	22.5	41.7



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): VV0

Ion 114.00 (113.70 to 114.70): V

