

Data File : VV012994.D
Acq On : 26 Sep 2019 12:41
Operator : SY/MD
Sample : K4988-06MS
Misc : 5.44G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ESNY8MS

Quant Time: Sep 27 02:17:55 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	659095	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	626823	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	298763	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	201297	19.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.72%
7) Chloroethane-d5	1.58	69	160056	19.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.44%
10) 1,1-Dichloroethene-d2	2.13	63	370054	21.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.04%
20) 2-Butanone-d5	3.95	46	118553	33.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.14%
24) Chloroform-d	4.40	84	397279	21.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.76%
26) 1,2-Dichloroethane-d4	5.08	65	243186	23.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.44%
29) Benzene-d6	5.10	84	807615	23.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.32%
33) 1,2-Dichloropropane-d6	6.11	67	269002	24.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.08%
37) Toluene-d8	7.36	98	682396	21.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.92%
38) trans-1,3-Dichloropropene-	7.66	79	95250	20.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.04%
39) 2-Hexanone-d5	8.14	63	87595	39.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.36%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	240370	23.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.28%
61) 1,2-Dichlorobenzene-d4	11.67	152	249829	21.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.08%

Target Compounds

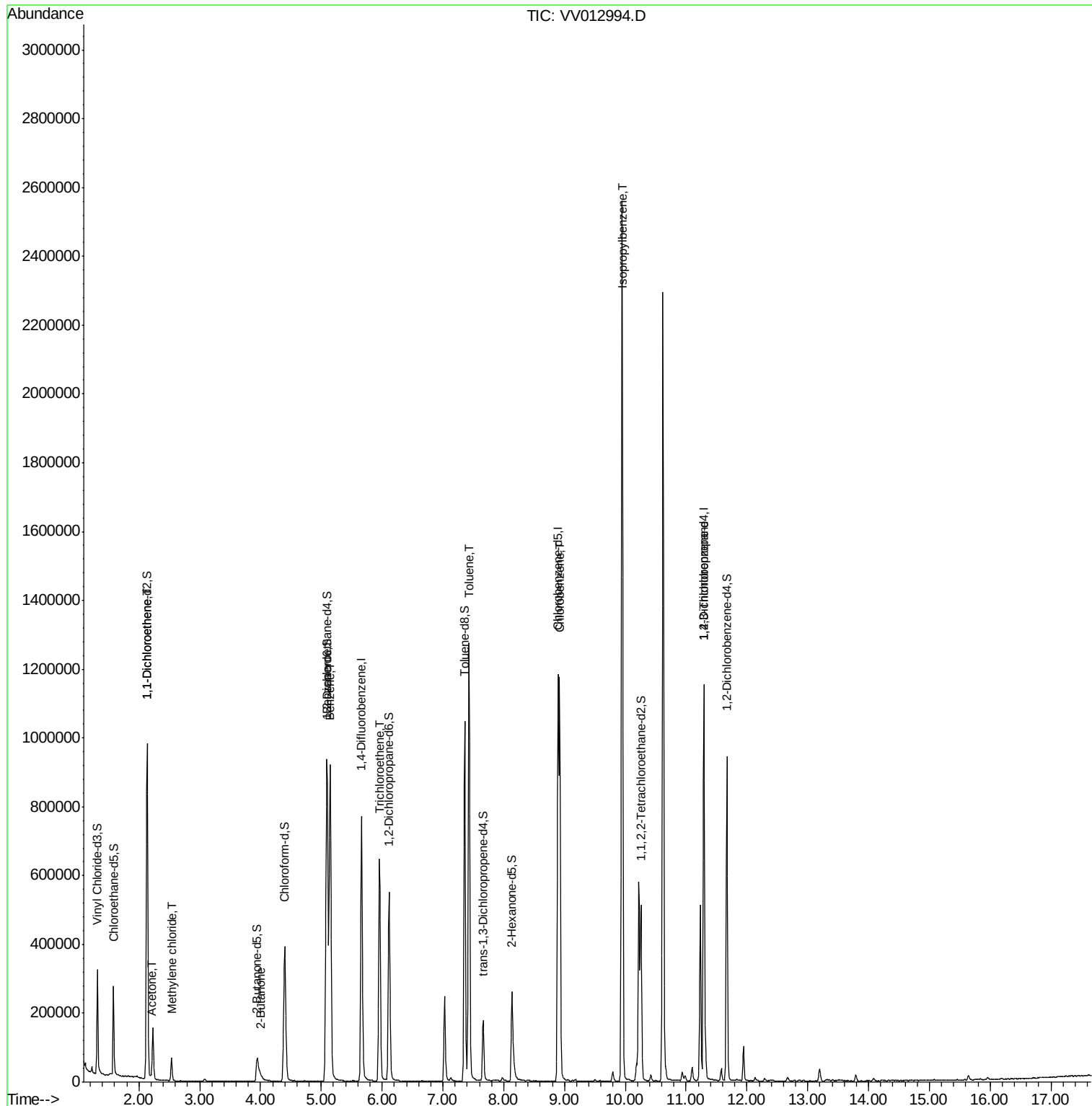
						Qvalue
12) 1,1-Dichloroethene	2.14	96	193068	25.913	ug/L	98
13) Acetone	2.21	43	7528	2.006	ug/L	94
16) Methylene chloride	2.54	84	26936	2.734	ug/L	97
21) 2-Butanone	4.01	43	10863	2.487	ug/L #	53
34) Benzene	5.15	78	908867	26.048	ug/L	100
35) Trichloroethene	5.96	95	219174	22.549	ug/L	99
44) Toluene	7.43	91	920856	25.024	ug/L	99
52) Chlorobenzene	8.92	112	590868	23.267	ug/L	100
57) Isopropylbenzene	9.95	105	103102	2.673	ug/L #	1
59) 1,2,3-Trichloropropane	11.29	75	35452	4.508	ug/L	92

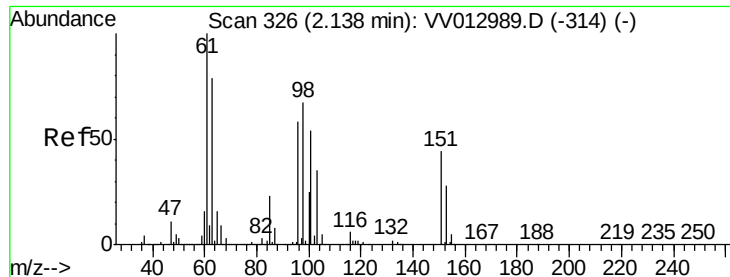
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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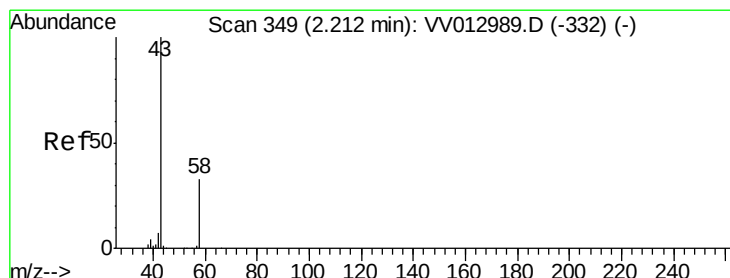
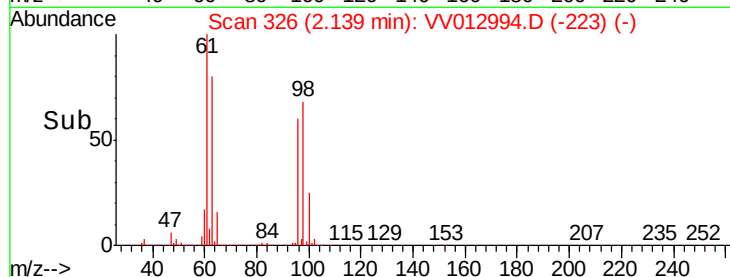
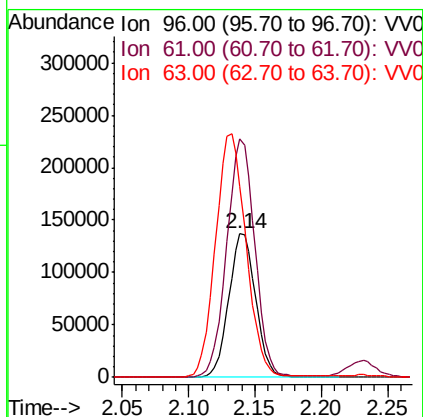
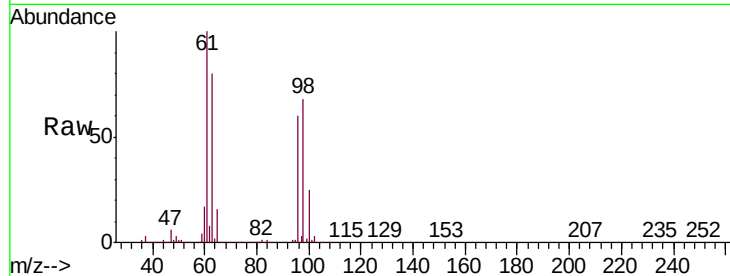




#12
 1,1-Dichloroethene
 Concen: 25.913 ug/L
 RT: 2.14 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VV012994.D
 Acq: 26 Sep 2019 12:41

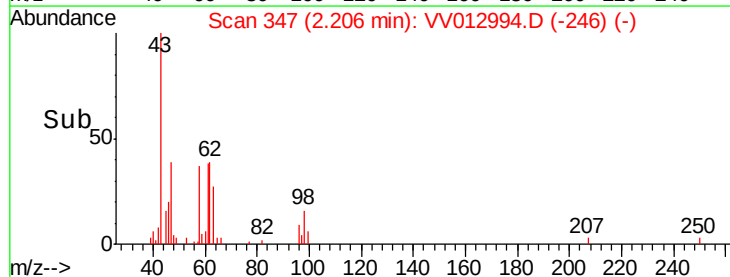
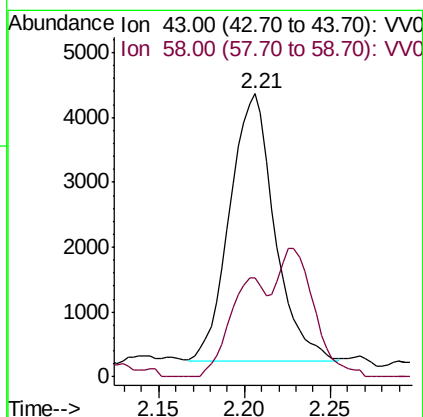
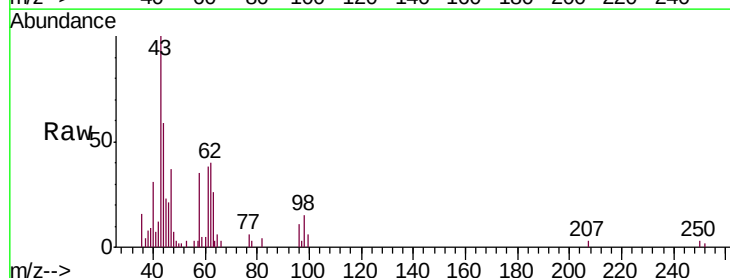
Instrument :
 MSVOA_V
 ClientSampleId :
 ESNY8MS

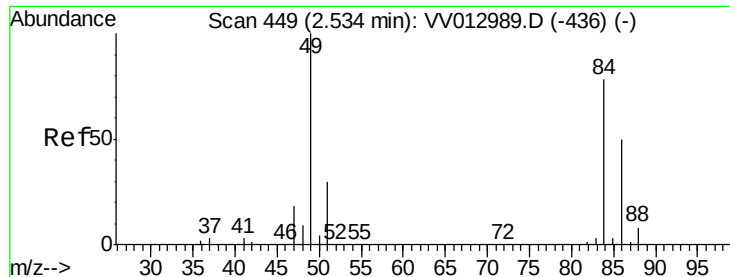
Tgt Ion: 96 Resp: 193068
 Ion Ratio Lower Upper
 96 100
 61 166.3 117.2 217.8
 63 132.9 89.6 166.4



#13
 Acetone
 Concen: 2.006 ug/L
 RT: 2.21 min Scan# 347
 Delta R.T. -0.01 min
 Lab File: VV012994.D
 Acq: 26 Sep 2019 12:41

Tgt Ion: 43 Resp: 7528
 Ion Ratio Lower Upper
 43 100
 58 29.1 0.0 65.0

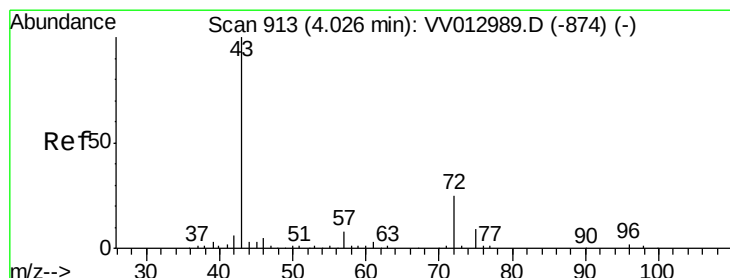
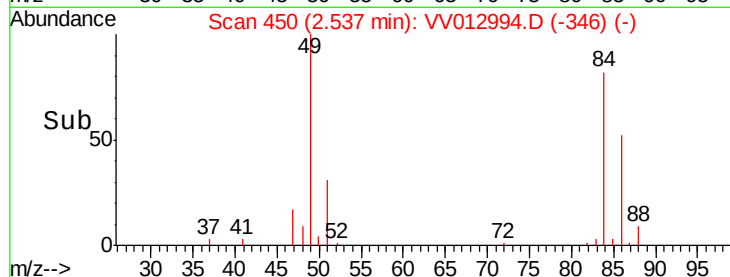
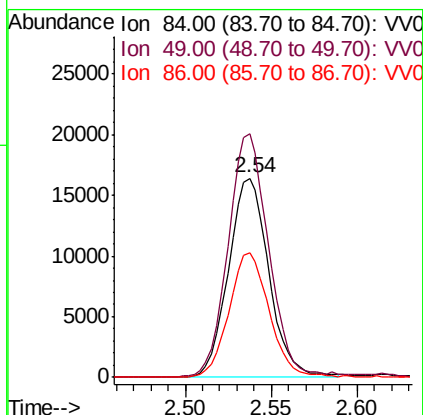
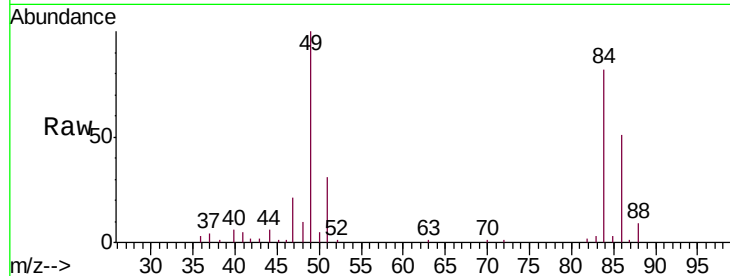




#16
Methylene chloride
Concen: 2.734 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV012994.D
Acq: 26 Sep 2019 12:41

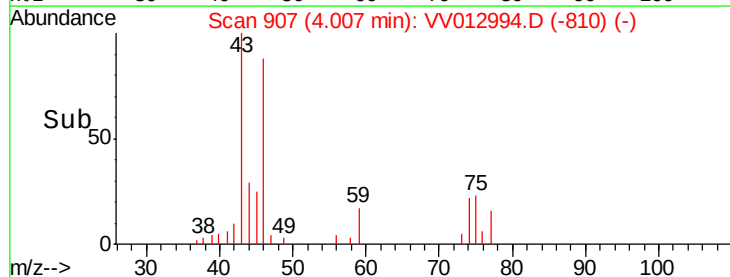
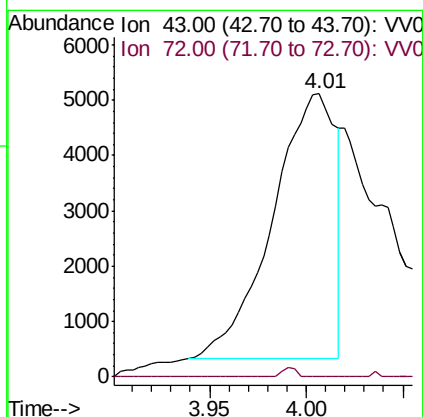
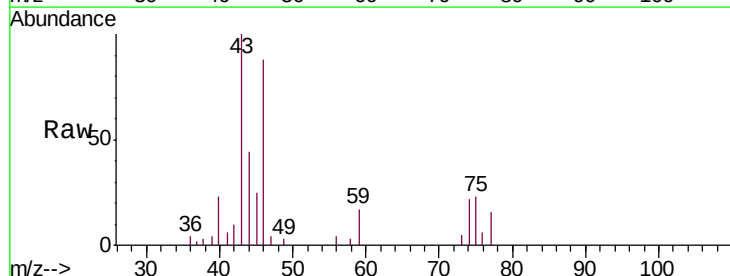
Instrument :
MSVOA_V
ClientSampleId :
ESNY8MS

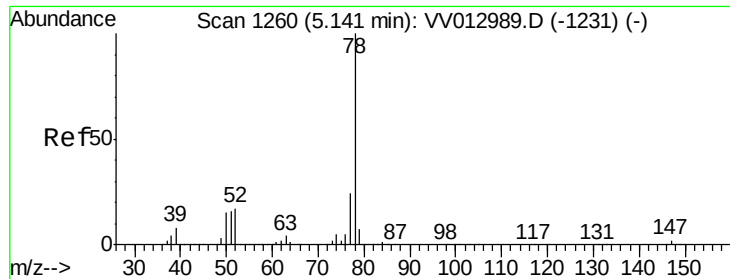
Tgt Ion: 84 Resp: 26936
Ion Ratio Lower Upper
84 100
49 122.4 88.3 164.1
86 62.8 44.9 83.3



#21
2-Butanone
Concen: 2.487 ug/L
RT: 4.01 min Scan# 907
Delta R.T. -0.02 min
Lab File: VV012994.D
Acq: 26 Sep 2019 12:41

Tgt Ion: 43 Resp: 10863
Ion Ratio Lower Upper
43 100
72 0.8 11.9 35.9#





#34

Benzene

Concen: 26.048 ug/L

RT: 5.15 min Scan# 1262

Delta R.T. 0.01 min

Lab File: VV012994.D

Acq: 26 Sep 2019 12:41

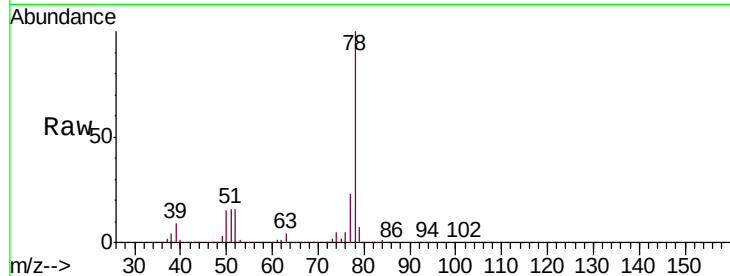
Instrument :

MSVOA_V

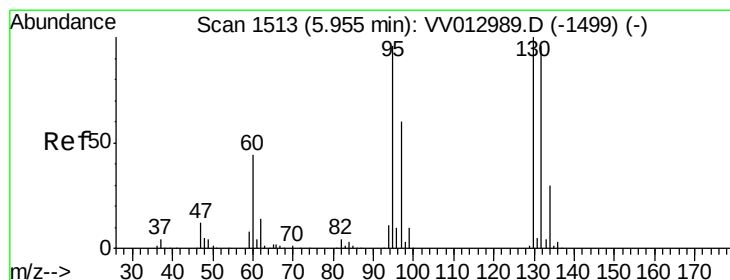
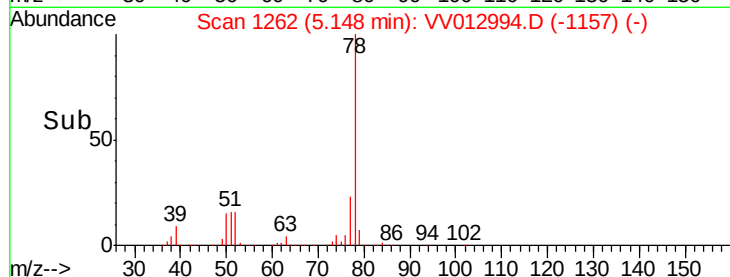
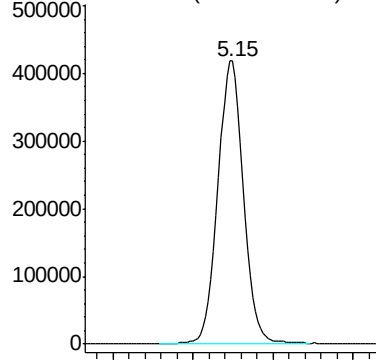
ClientSampleId :

ESNY8MS

Tgt Ion: 78 Resp: 908867



Abundance Ion 78.00 (77.70 to 78.70): VV0



#35

Trichloroethene

Concen: 22.549 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012994.D

Acq: 26 Sep 2019 12:41

Tgt Ion: 95 Resp: 219174

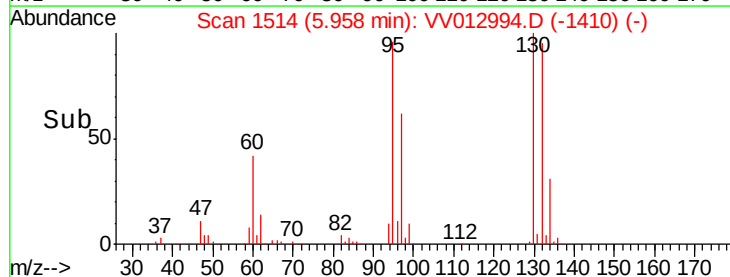
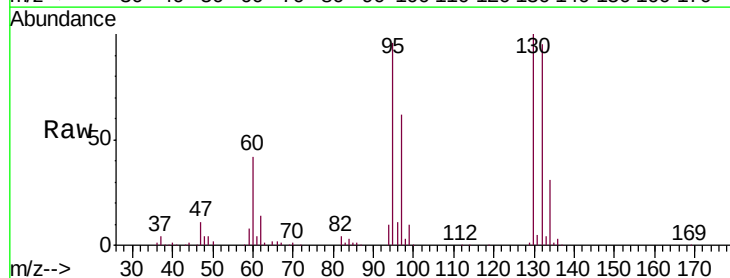
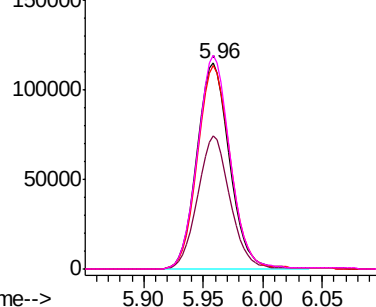
Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.7	82.9
132	99.3	70.1	130.1
130	103.3	73.3	136.1

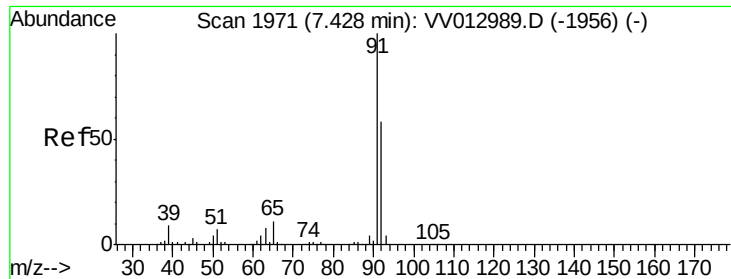
Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 25.024 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012994.D

Acq: 26 Sep 2019 12:41

Instrument :

MSVOA_V

ClientSampleId :

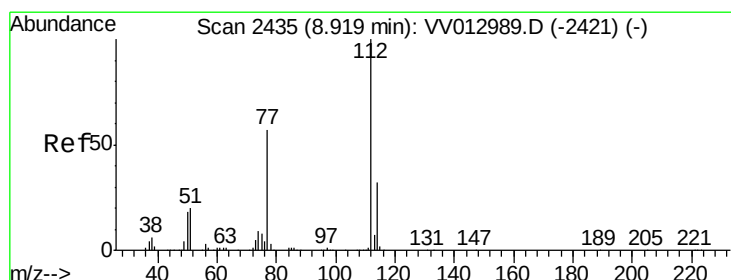
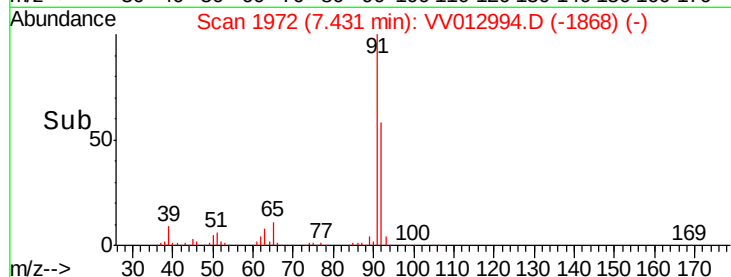
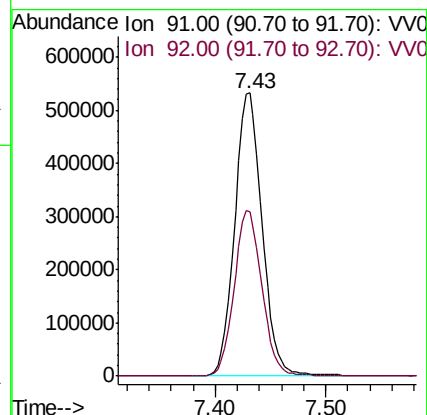
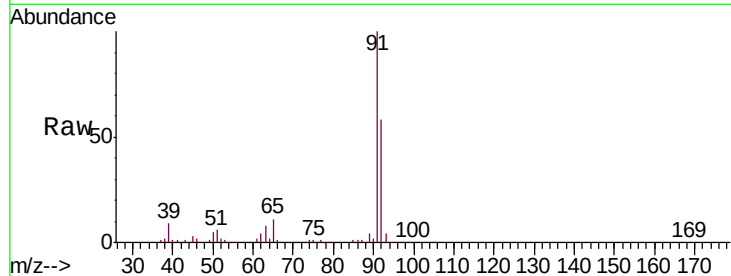
ESNY8MS

Tgt Ion: 91 Resp: 920856

Ion Ratio Lower Upper

91 100

92 58.1 41.3 76.7



#52

Chlorobenzene

Concen: 23.267 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. 0.00 min

Lab File: VV012994.D

Acq: 26 Sep 2019 12:41

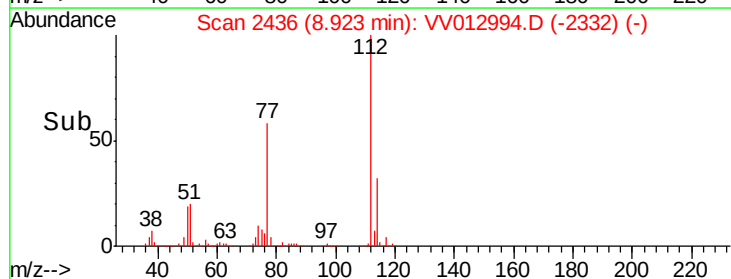
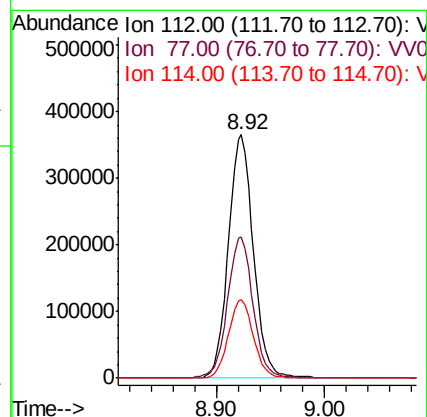
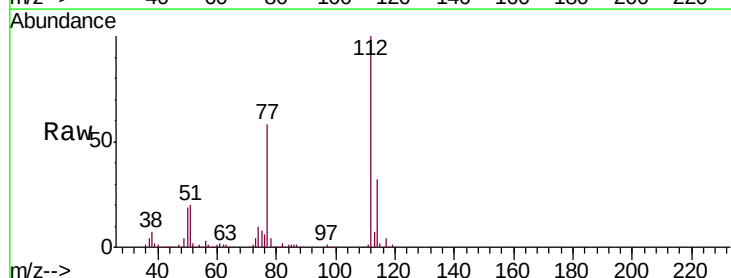
Tgt Ion: 112 Resp: 590868

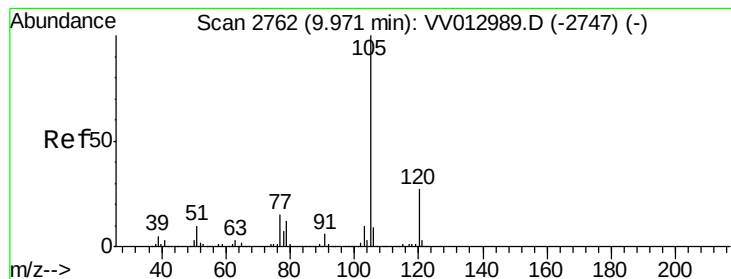
Ion Ratio Lower Upper

112 100

77 58.1 46.3 69.5

114 32.5 22.5 41.7





#57

Isopropylbenzene

Concen: 2.673 ug/L

RT: 9.95 min Scan# 2755

Delta R.T. -0.02 min

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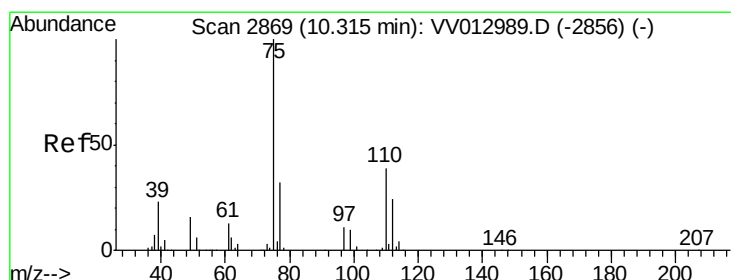
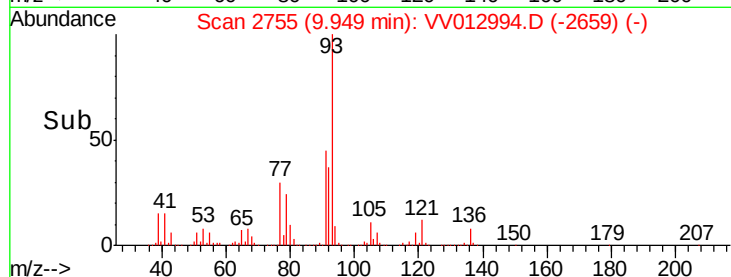
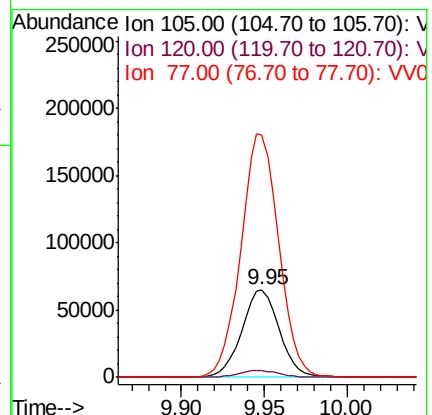
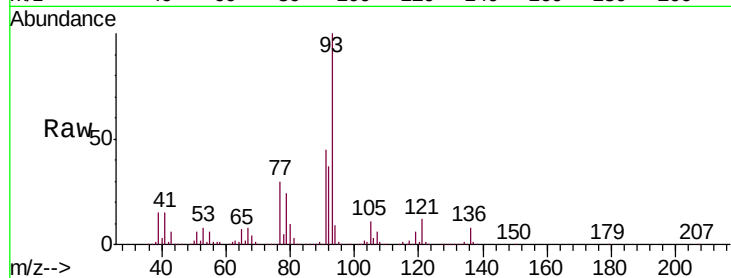
Tgt Ion: 105 Resp: 103102

Ion Ratio Lower Upper

105 100

120 9.1 21.4 32.0#

77 280.2 12.2 18.4#



#59

1,2,3-Trichloropropane

Concen: 4.508 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.97 min

Lab File: VV012994.D

Acq: 26 Sep 2019 12:41

Tgt Ion: 75 Resp: 35452

Ion Ratio Lower Upper

75 100

77 36.0 25.4 38.0

