

Data File : VV012938.D
Acq On : 23 Sep 2019 15:58
Operator : SY/MD
Sample : K4958-12MS
Misc : 5.62G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ESNZ3MS

Quant Time: Sep 24 07:41:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 07:38:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	689642	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	634315	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	240757	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	233318	21.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.20%
7) Chloroethane-d5	1.58	69	194740	22.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.04%
10) 1,1-Dichloroethene-d2	2.13	63	414392	23.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.16%
20) 2-Butanone-d5	3.95	46	148768	40.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.54%
24) Chloroform-d	4.40	84	425622	22.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.88%
26) 1,2-Dichloroethane-d4	5.08	65	264351	24.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.00%
29) Benzene-d6	5.10	84	881308	24.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.56%
33) 1,2-Dichloropropane-d6	6.12	67	285458	25.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.84%
37) Toluene-d8	7.36	98	749170	23.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.20%
38) trans-1,3-Dichloropropene-	7.66	79	110733	23.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.24%
39) 2-Hexanone-d5	8.14	63	97017	43.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.86%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	233634	22.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	233702	24.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.92%

Target Compounds

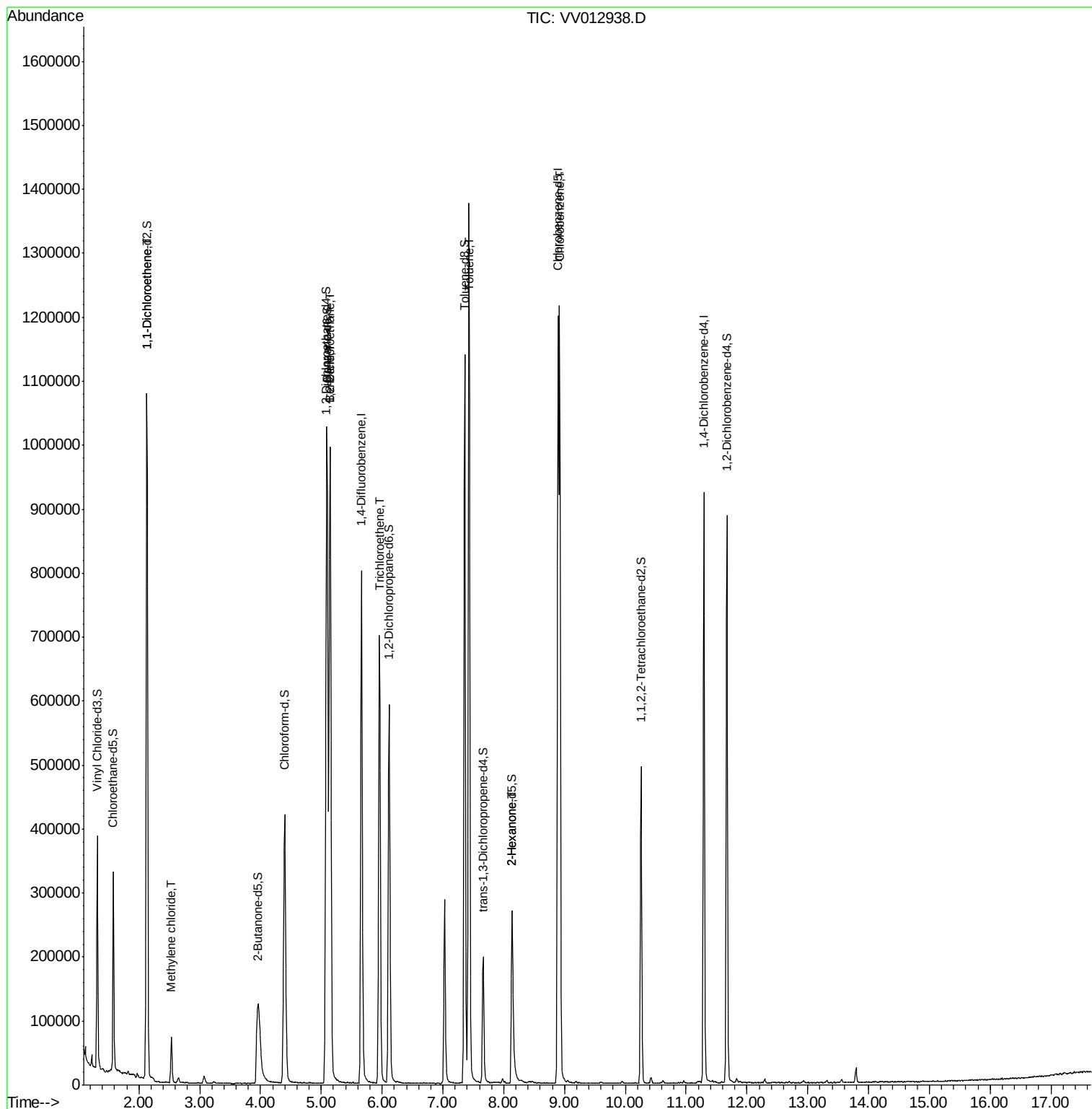
						Qvalue
12) 1,1-Dichloroethene	2.14	96	210377	26.986	ug/L	93
16) Methylene chloride	2.53	84	28633	2.778	ug/L	99
27) 1,2-Dichloroethane	5.14	62	8285	0.664	ug/L #	72
34) Benzene	5.14	78	979988	27.755	ug/L	100
35) Trichloroethene	5.96	95	240818	24.484	ug/L	99
44) Toluene	7.43	91	993449	26.677	ug/L	99
49) 2-Hexanone	8.14	43	21087	3.708	ug/L #	67
52) Chlorobenzene	8.92	112	621440	24.182	ug/L	100

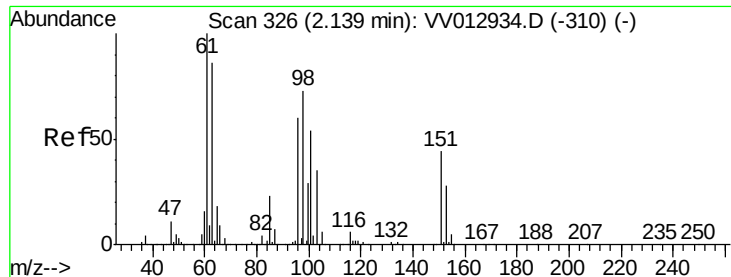
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV012938.D
Acq On : 23 Sep 2019 15:58
Operator : SY/MD
Sample : K4958-12MS
Misc : 5.62G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ESNZ3MS

Quant Time: Sep 24 07:41:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 24 07:38:53 2019
Response via : Initial Calibration

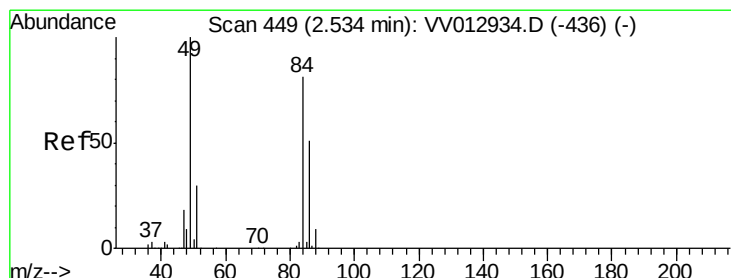
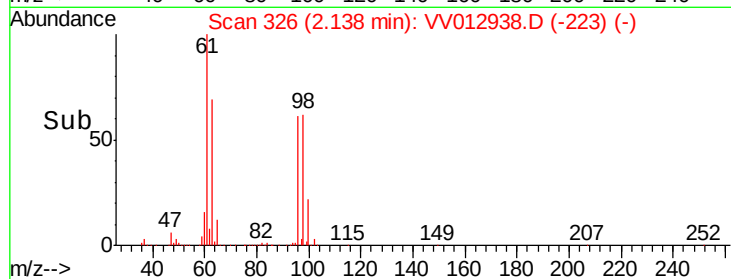
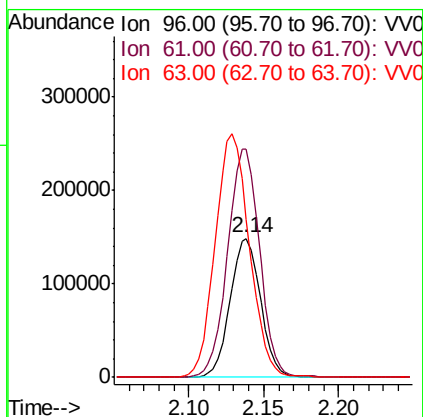
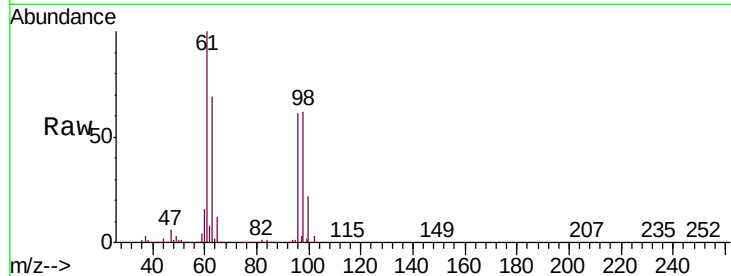




#12
 1,1-Dichloroethene
 Concen: 26.986 ug/L
 RT: 2.14 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VV012938.D
 Acq: 23 Sep 2019 15:58

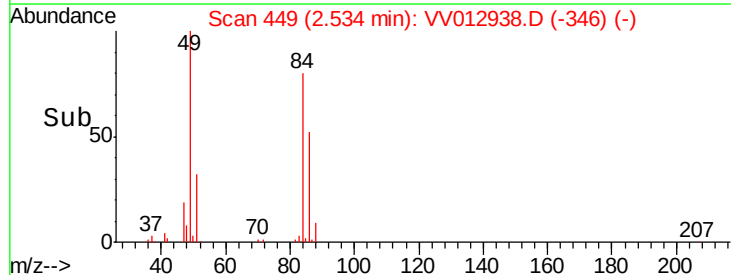
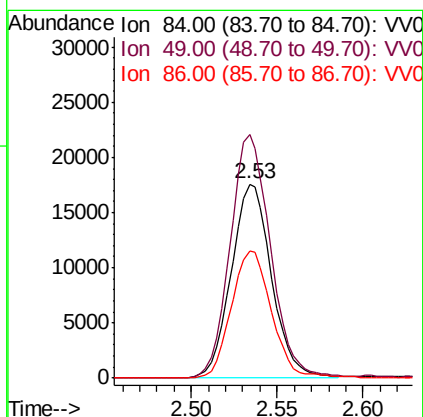
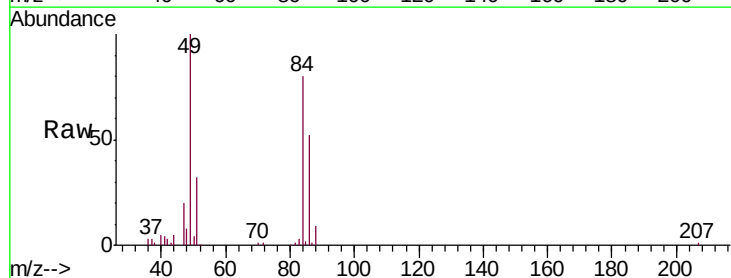
Instrument :
 MSVOA_V
 ClientSampleId :
 ESNZ3MS

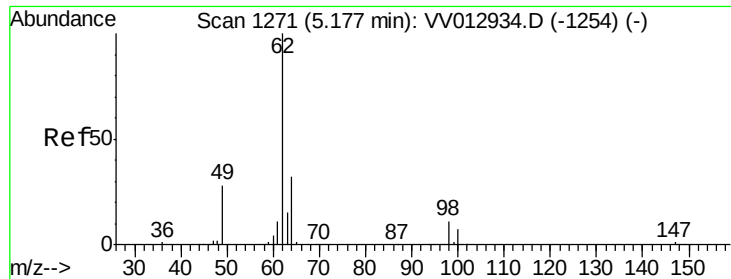
Tgt Ion: 96 Resp: 210377
 Ion Ratio Lower Upper
 96 100
 61 164.0 117.2 217.8
 63 113.7 89.6 166.4



#16
 Methylene chloride
 Concen: 2.778 ug/L
 RT: 2.53 min Scan# 449
 Delta R.T. -0.00 min
 Lab File: VV012938.D
 Acq: 23 Sep 2019 15:58

Tgt Ion: 84 Resp: 28633
 Ion Ratio Lower Upper
 84 100
 49 125.6 88.3 164.1
 86 65.4 44.9 83.3

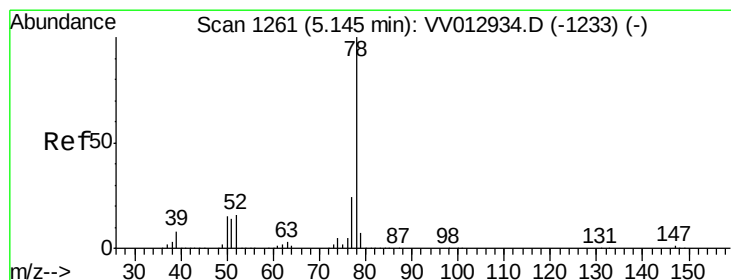
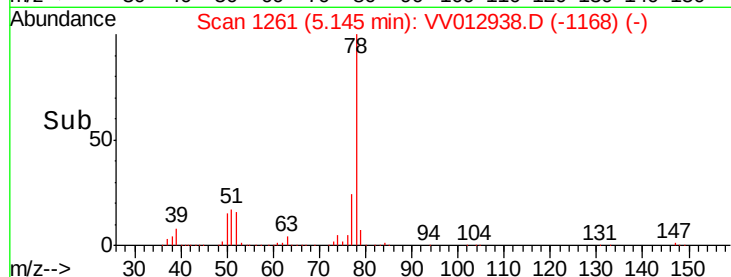
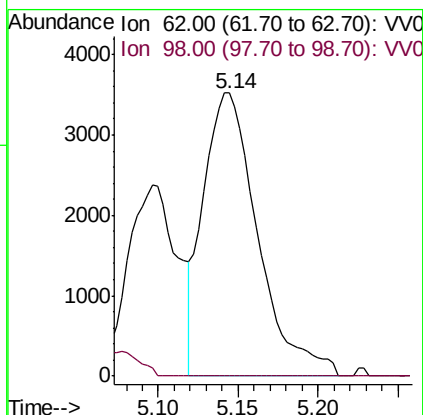
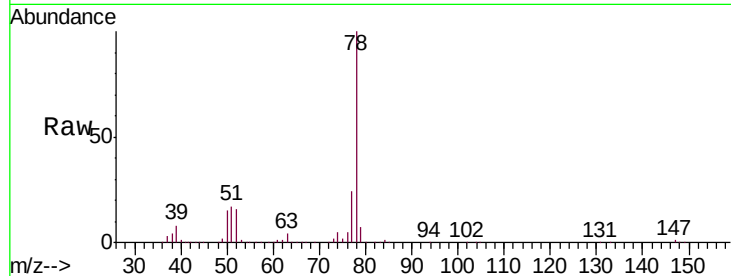




#27
 1,2-Dichloroethane
 Concen: 0.664 ug/L
 RT: 5.14 min Scan# 1261
 Delta R.T. -0.03 min
 Lab File: VV012938.D
 Acq: 23 Sep 2019 15:58

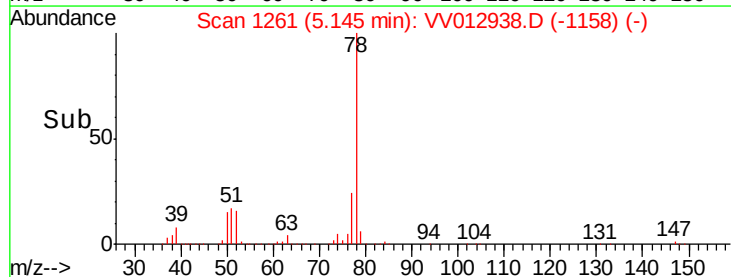
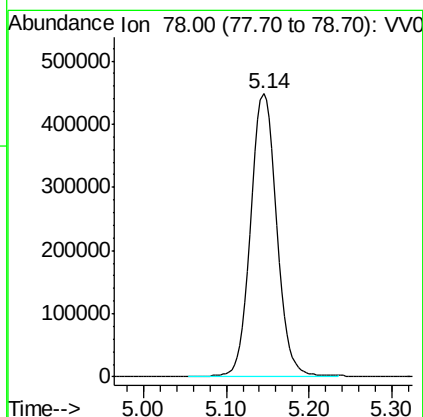
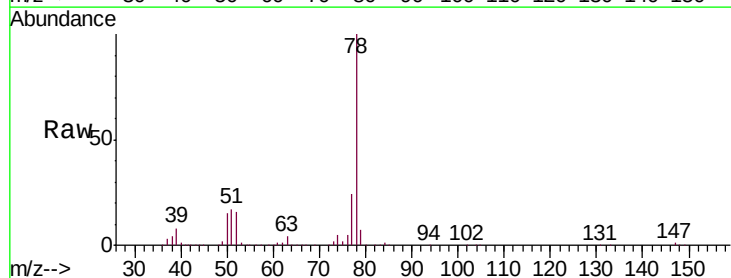
Instrument :
 MSVOA_V
 ClientSampleId :
 ESNZ3MS

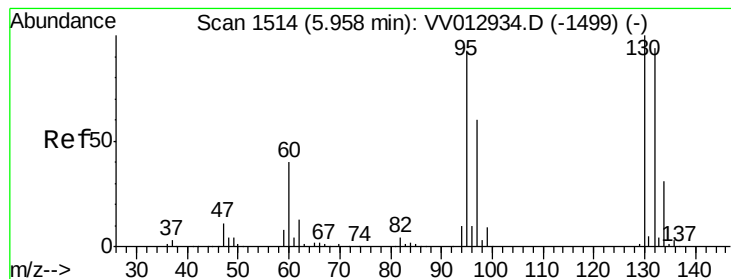
Tgt Ion: 62 Resp: 8285
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.4#



#34
 Benzene
 Concen: 27.755 ug/L
 RT: 5.14 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VV012938.D
 Acq: 23 Sep 2019 15:58

Tgt Ion: 78 Resp: 979988





#35

Trichloroethene

Concen: 24.484 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV012938.D

Acq: 23 Sep 2019 15:58

Instrument :

MSVOA_V

ClientSampleId :

ESNZ3MS

Tgt Ion: 95 Resp: 240818

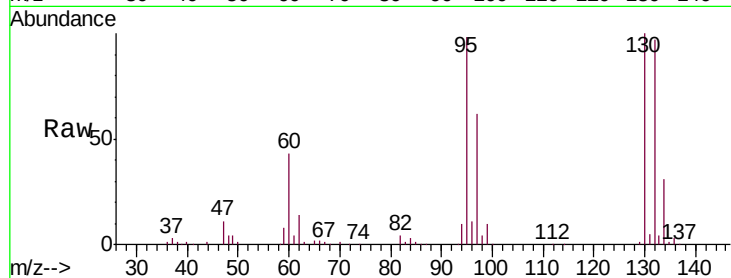
Ion Ratio Lower Upper

95 100

97 62.8 44.7 82.9

132 99.2 70.1 130.1

130 102.5 73.3 136.1

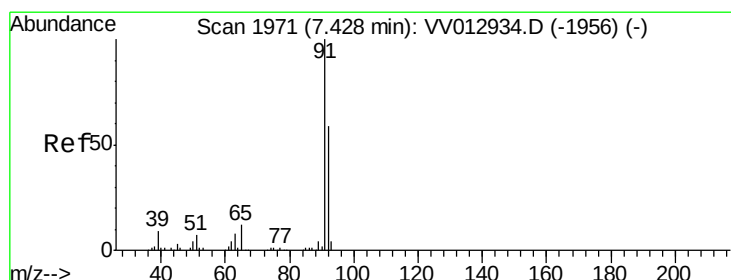
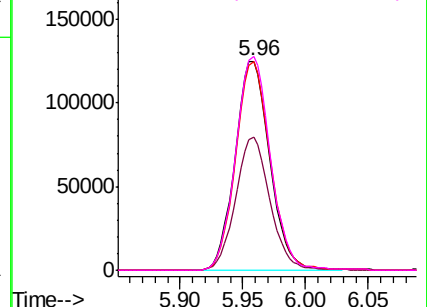
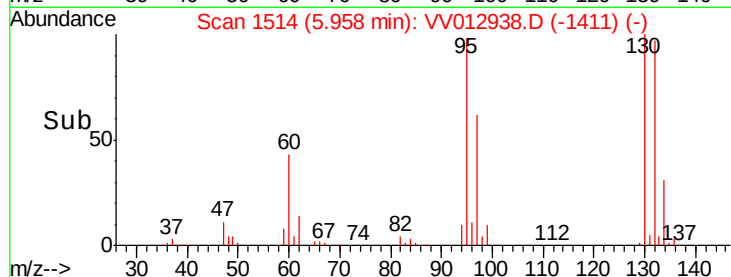


Abundance Ion 95.00 (94.70 to 95.70): VV012938.D (-1499) (-)

Ion 97.00 (96.70 to 97.70): VV012938.D (-1499) (-)

Ion 132.00 (131.70 to 132.70): VV012938.D (-1499) (-)

Ion 130.00 (129.70 to 130.70): VV012938.D (-1499) (-)



#44

Toluene

Concen: 26.677 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012938.D

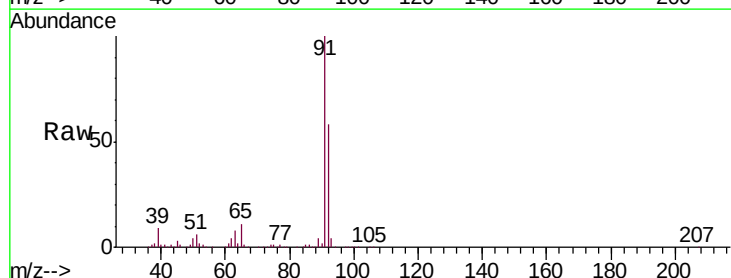
Acq: 23 Sep 2019 15:58

Tgt Ion: 91 Resp: 993449

Ion Ratio Lower Upper

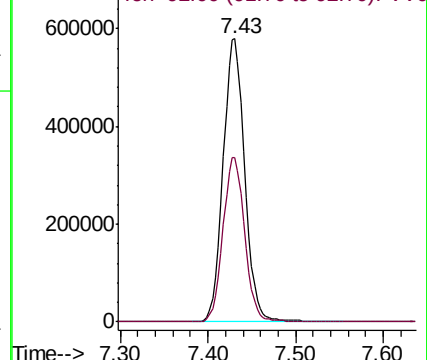
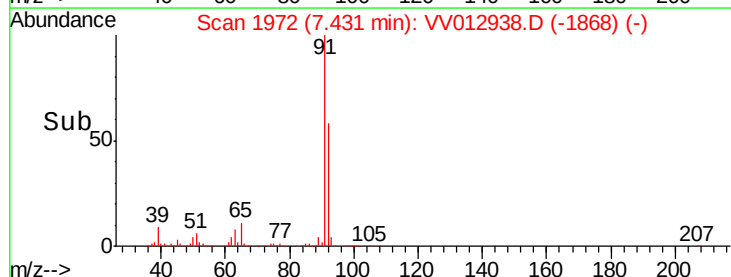
91 100

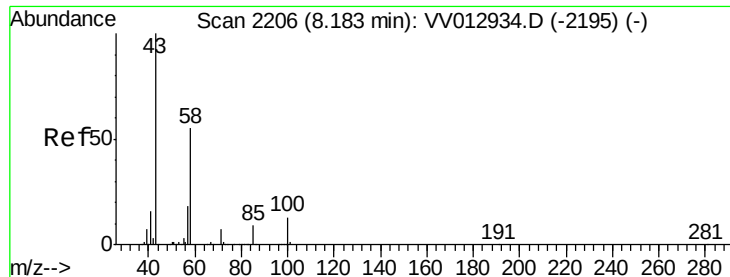
92 58.1 41.3 76.7



Abundance Ion 91.00 (90.70 to 91.70): VV012938.D (-1868) (-)

Ion 92.00 (91.70 to 92.70): VV012938.D (-1868) (-)

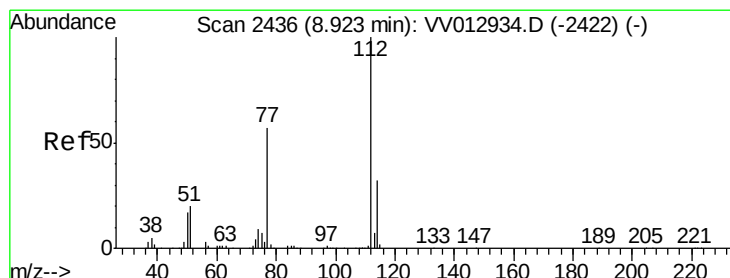
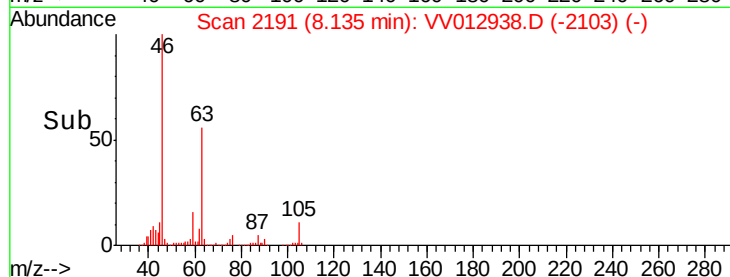
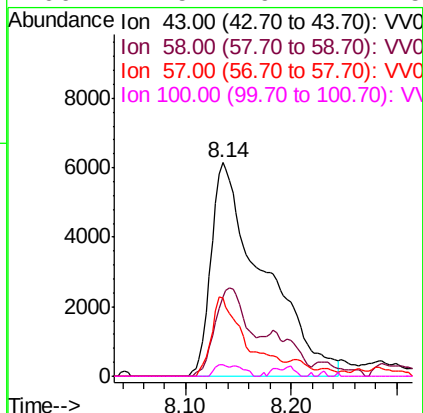
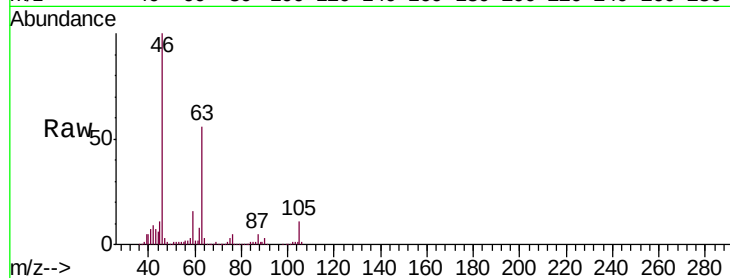




#49
2-Hexanone
Concen: 3.708 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV012938.D
Acq: 23 Sep 2019 15:58

Instrument :
MSVOA_V
ClientSampleId :
ESNZ3MS

Tgt Ion:	43	Resp:	21087
Ion	Ratio	Lower	Upper
43	100		
58	25.1	46.5	69.7#
57	19.5	15.5	23.3
100	1.5	9.7	14.5#



#52
Chlorobenzene
Concen: 24.182 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. -0.00 min
Lab File: VV012938.D
Acq: 23 Sep 2019 15:58

Tgt Ion:	112	Resp:	621440
Ion	Ratio	Lower	Upper
112	100		
77	57.9	46.3	69.5
114	32.5	22.5	41.7

