

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\
 Data File : VV010360.D
 Acq On : 18 Apr 2019 20:28
 Operator : SY/MD
 Sample : K2403-19MSD
 Misc : 6.27G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5131MSD

Quant Time: Apr 19 06:13:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 19 06:08:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	289264	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	285480	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	144178	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67506	18.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.52%
7) Chloroethane-d5	1.57	69	65386	21.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.76%
10) 1,1-Dichloroethene-d2	2.13	63	185376	20.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.68%
20) 2-Butanone-d5	3.93	46	61755	53.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.98%
24) Chloroform-d	4.40	84	170358	22.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.08	65	110279	24.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.28%
29) Benzene-d6	5.10	84	315357	21.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.32%
33) 1,2-Dichloropropane-d6	6.12	67	102103	23.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.48%
37) Toluene-d8	7.36	98	291767	20.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.08%
38) trans-1,3-Dichloropropene-	7.66	79	44758	21.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.12%
39) 2-Hexanone-d5	8.13	63	53111	55.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.54%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	113997	26.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.60%
61) 1,2-Dichlorobenzene-d4	11.67	152	135756	23.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.80%

Target Compounds

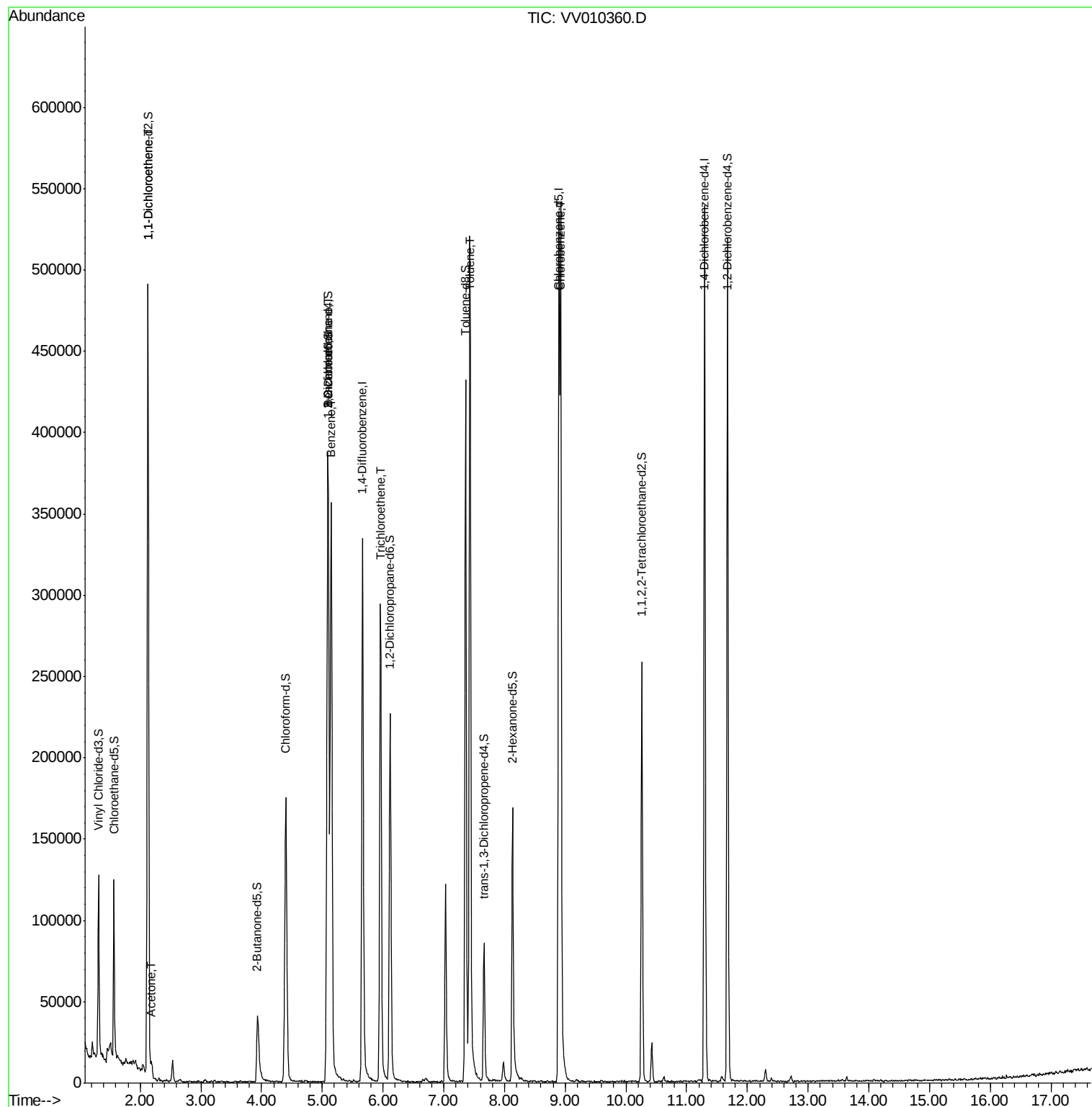
					Qvalue
12) 1,1-Dichloroethene	2.13	96	85423	22.732 ug/L	87
13) Acetone	2.19	43	2987	2.474 ug/L	76
27) 1,2-Dichloroethane	5.09	62	2736	0.540 ug/L	99
34) Benzene	5.14	78	335545	24.086 ug/L	100
35) Trichloroethene	5.96	95	96242	23.350 ug/L	98
44) Toluene	7.43	91	383018	24.388 ug/L	100
52) Chlorobenzene	8.93	112	280316	25.652 ug/L	98

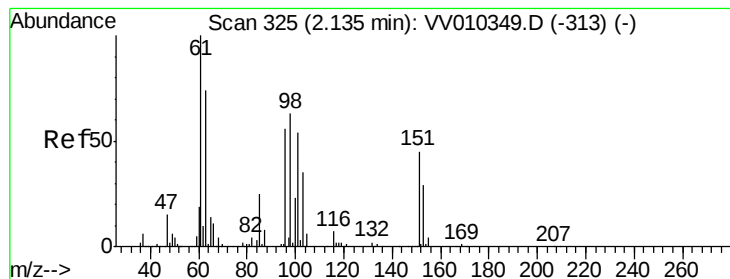
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 6.27G/10mL/MSVOA_V/SOIL
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 19 06:08:59 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 22.732 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV010360.D

Acq: 18 Apr 2019 20:28

Instrument :

MSVOA_V

ClientSampleId :

A5131MSD

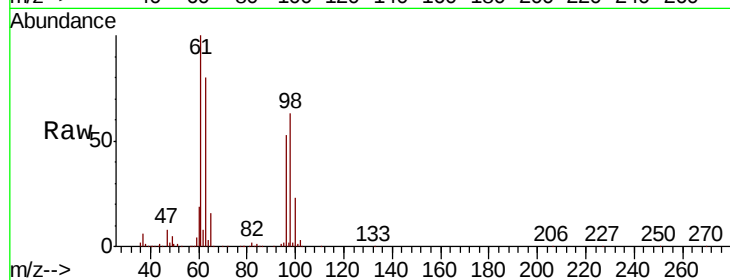
Tgt Ion: 96 Resp: 85423

Ion Ratio Lower Upper

96 100

61 188.5 124.7 231.5

63 151.4 88.7 164.7

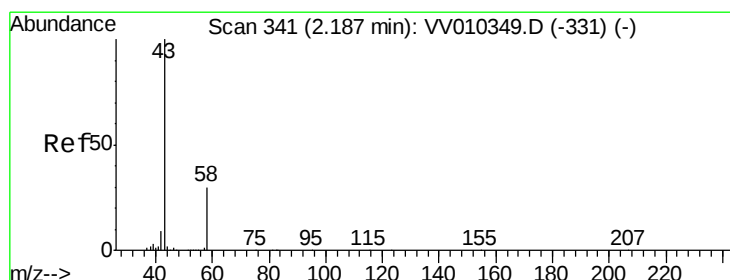
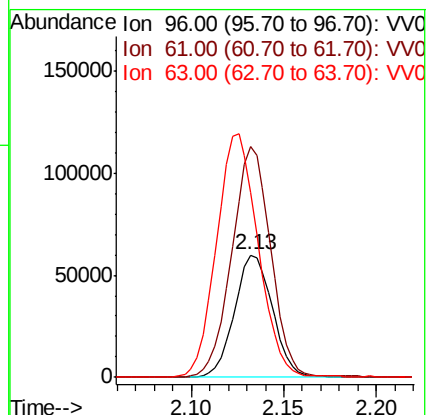
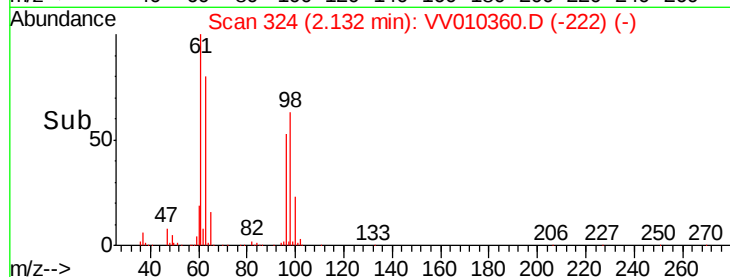


Abundance Ion 96.00 (95.70 to 96.70): VV010349.D (-313) (-)

Ion 61.00 (60.70 to 61.70): VV010349.D (-313) (-)

Ion 63.00 (62.70 to 63.70): VV010349.D (-313) (-)

Time-->



#13

Acetone

Concen: 2.474 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

Lab File: VV010360.D

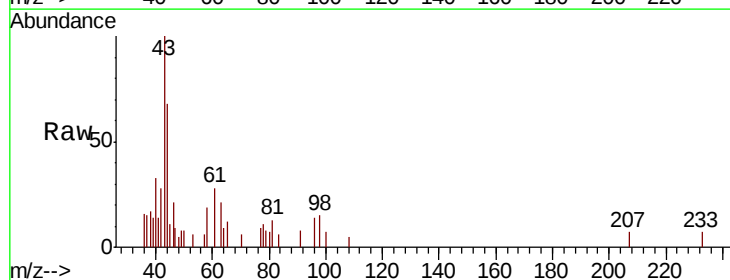
Acq: 18 Apr 2019 20:28

Tgt Ion: 43 Resp: 2987

Ion Ratio Lower Upper

43 100

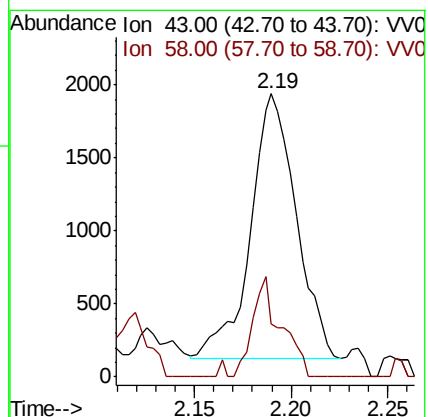
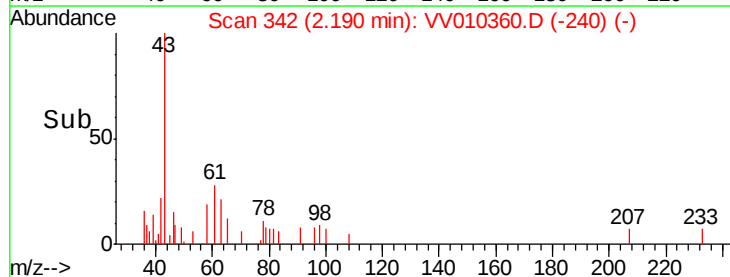
58 17.0 0.0 60.0

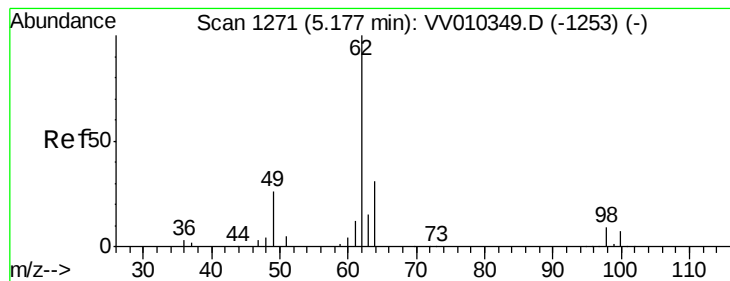


Abundance Ion 43.00 (42.70 to 43.70): VV010349.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010349.D (-331) (-)

Time-->





#27

1,2-Dichloroethane

Concen: 0.540 ug/L

RT: 5.09 min Scan# 1245

Delta R.T. -0.09 min

Lab File: VV010360.D

Acq: 18 Apr 2019 20:28

Instrument :

MSVOA_V

ClientSampleId :

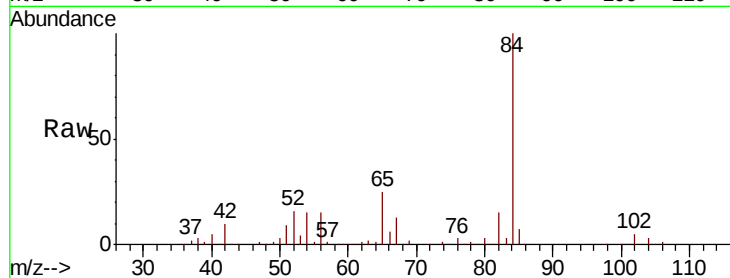
A5131MSD

Tgt Ion: 62 Resp: 2736

Ion Ratio Lower Upper

62 100

98 8.7 6.8 10.2



Abundance Ion 62.00 (61.70 to 62.70): VV010349.D (-1253) (-)

Ion 98.00 (97.70 to 98.70): VV010349.D (-1253) (-)

1500

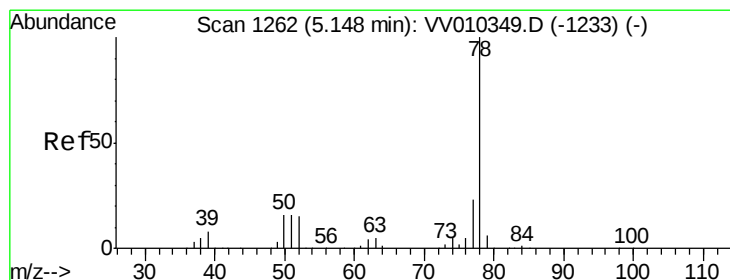
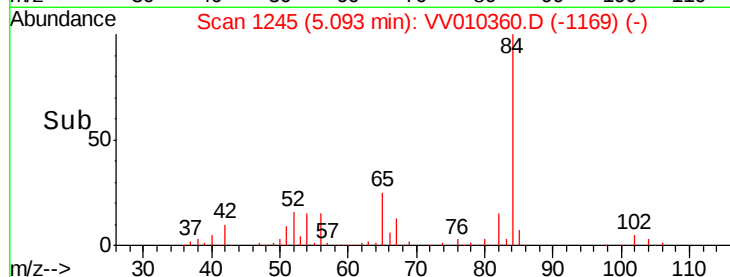
1000

500

0

5.05 5.10

Time-->



#34

Benzene

Concen: 24.086 ug/L

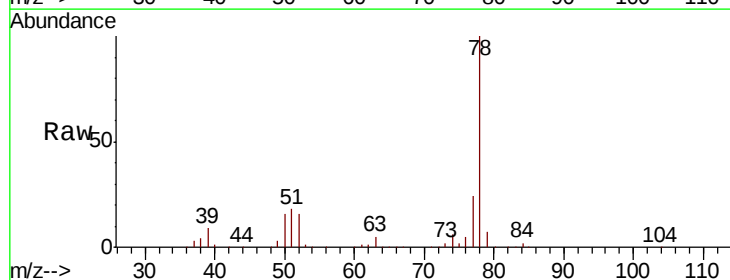
RT: 5.14 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VV010360.D

Acq: 18 Apr 2019 20:28

Tgt Ion: 78 Resp: 335545



Abundance Ion 78.00 (77.70 to 78.70): VV010349.D (-1233) (-)

150000

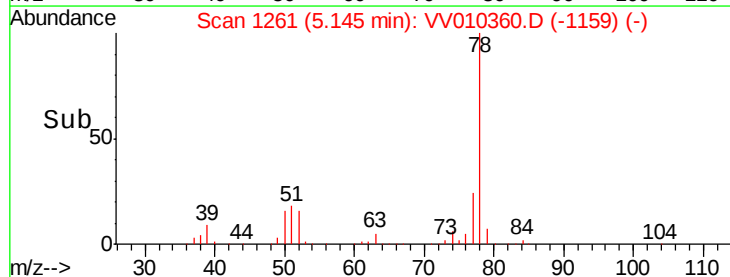
100000

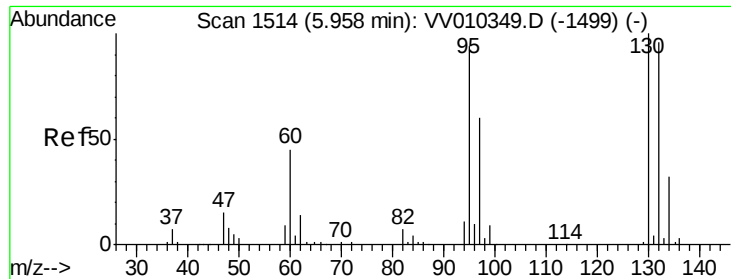
50000

0

5.10 5.20

Time-->

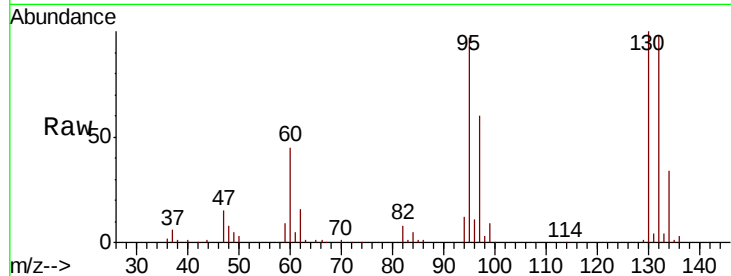




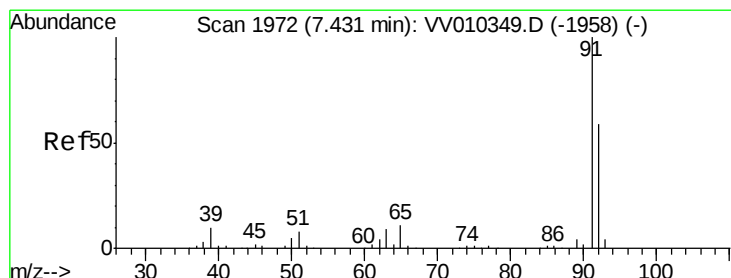
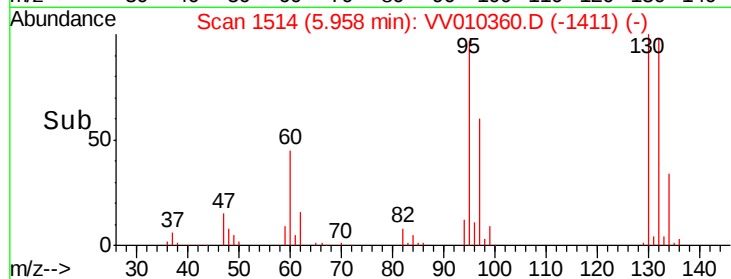
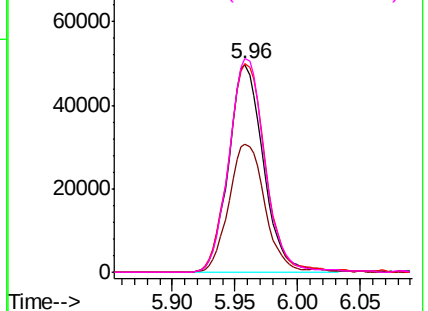
#35
 Trichloroethene
 Concen: 23.350 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: VV010360.D
 Acq: 18 Apr 2019 20:28

Instrument :
 MSVOA_V
 ClientSampleId :
 A5131MSD

Tgt Ion: 95 Resp: 96242
 Ion Ratio Lower Upper
 95 100
 97 63.4 45.6 84.8
 132 105.3 71.5 132.7
 130 105.0 74.0 137.4

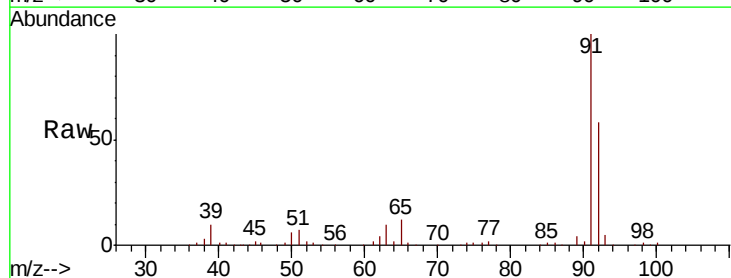


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

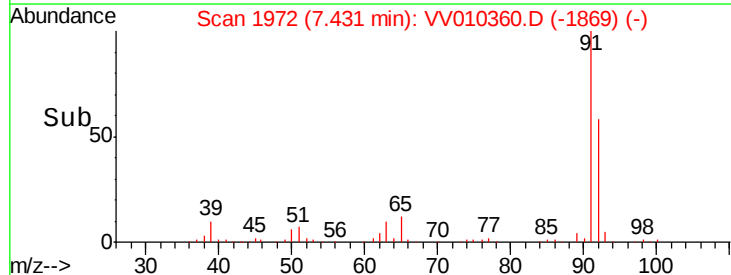
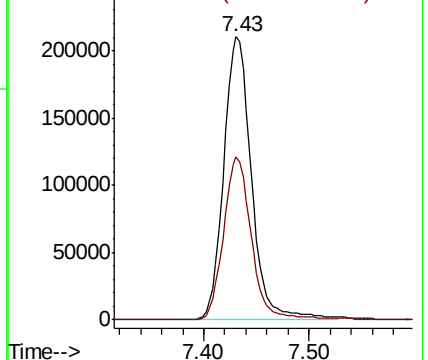


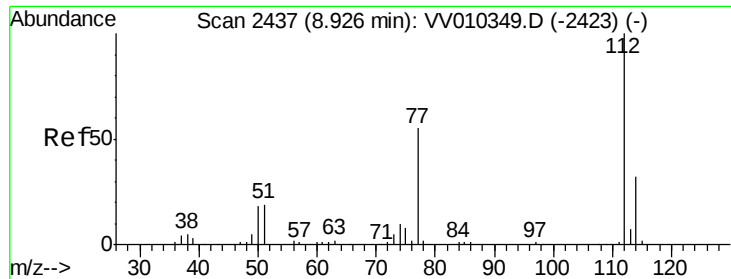
#44
 Toluene
 Concen: 24.388 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV010360.D
 Acq: 18 Apr 2019 20:28

Tgt Ion: 91 Resp: 383018
 Ion Ratio Lower Upper
 91 100
 92 57.6 40.1 74.5



Abundance Ion 91.00 (90.70 to 91.70): VV0
 Ion 92.00 (91.70 to 92.70): VV0





#52

Chlorobenzene

Concen: 25.652 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. 0.00 min

Lab File: VV010360.D

Acq: 18 Apr 2019 20:28

Instrument :

MSVOA_V

ClientSampleId :

A5131MSD

Tgt Ion:112 Resp: 280316

Ion Ratio Lower Upper

112 100

77 52.0 43.0 64.4

114 32.5 22.5 41.9

