

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042219\
 Data File : VV010436.D
 Acq On : 23 Apr 2019 04:35
 Operator : SY/MD
 Sample : K2456-19MS
 Misc : 5.03G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHN8MS

Quant Time: Apr 23 08:07:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 07:55:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	63295	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	67047	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	26576	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	7053	8.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	32.36%
7) Chloroethane-d5	1.58	69	9566	14.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.40%
10) 1,1-Dichloroethene-d2	2.13	63	18544	11.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.56%
20) 2-Butanone-d5	3.94	46	12392	60.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.54%
24) Chloroform-d	4.40	84	35732	23.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.08	65	28420	29.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.80%
29) Benzene-d6	5.10	84	59003	19.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.24%
33) 1,2-Dichloropropane-d6	6.12	67	22847	25.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.08%
37) Toluene-d8	7.36	98	51065	16.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	64.04%
38) trans-1,3-Dichloropropene-	7.67	79	9599	21.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.40%
39) 2-Hexanone-d5	8.13	63	7323	40.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.74%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	24058	27.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.16%
61) 1,2-Dichlorobenzene-d4	11.68	152	21941	21.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.88%

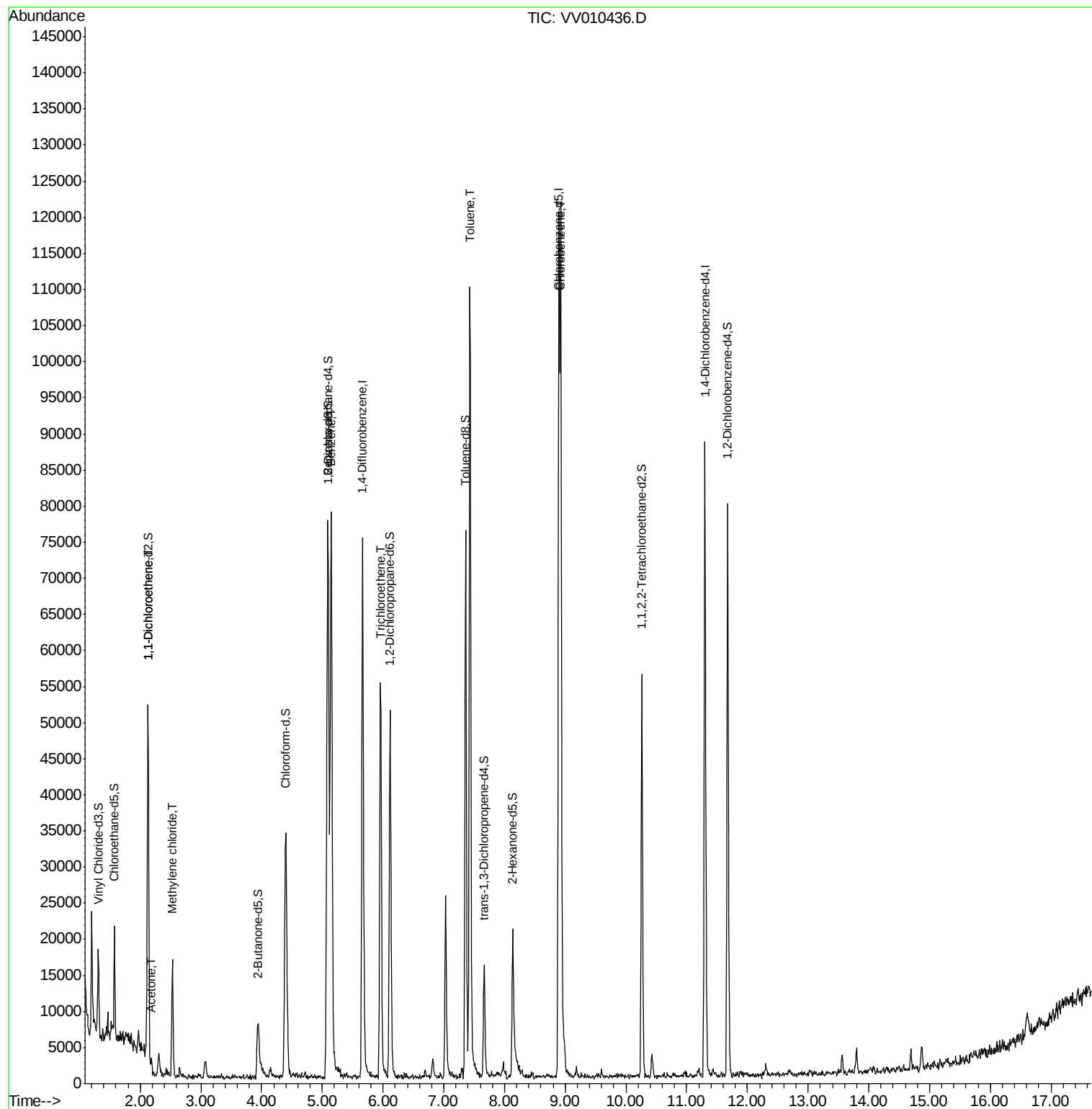
Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.14	96	10849	13.612 ug/L	81
13) Acetone	2.18	43	1758	8.044 ug/L	96
16) Methylene chloride	2.53	84	6187	6.665 ug/L	94
34) Benzene	5.14	78	72938	24.611 ug/L	100
35) Trichloroethene	5.96	95	19560	21.764 ug/L	94
44) Toluene	7.43	91	78652	21.961 ug/L	96
52) Chlorobenzene	8.93	112	61437	24.469 ug/L	98

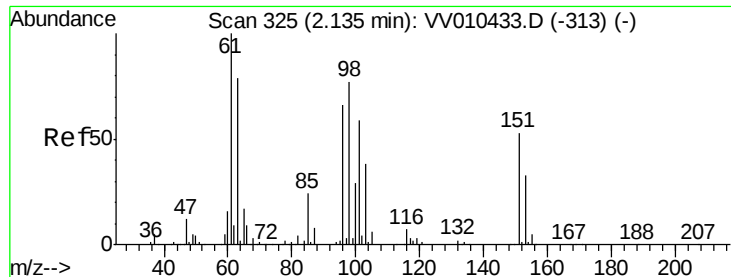
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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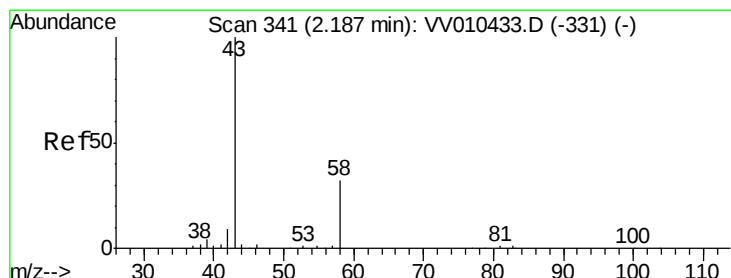
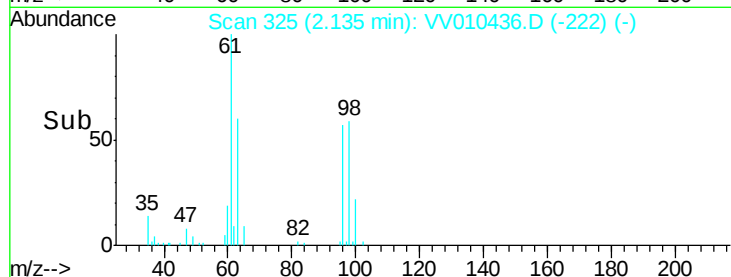
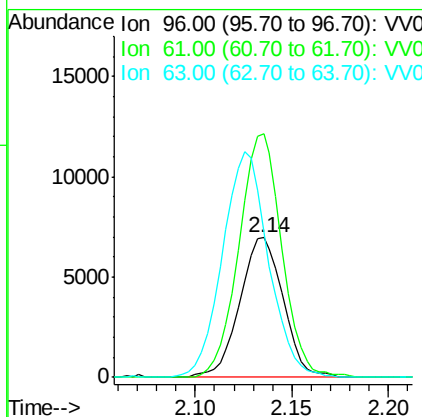
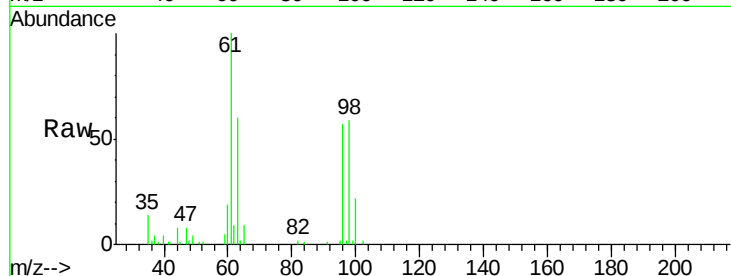




#12
 1,1-Dichloroethene
 Concen: 13.612 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. -0.00 min
 Lab File: VV010436.D
 Acq: 23 Apr 2019 04:35

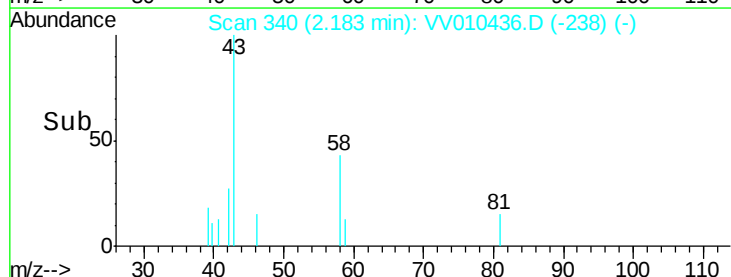
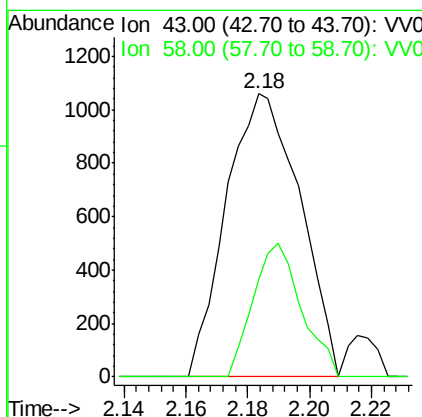
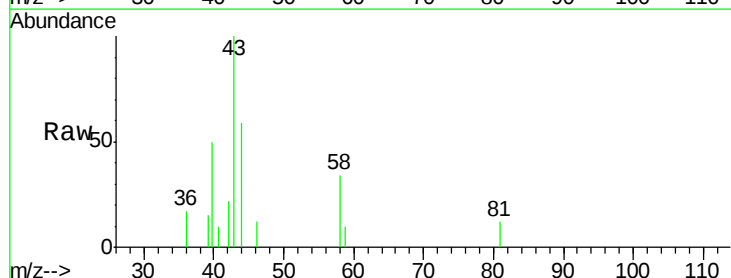
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 MSVOA_V
 ClientSampleId :
 GAHN8MS

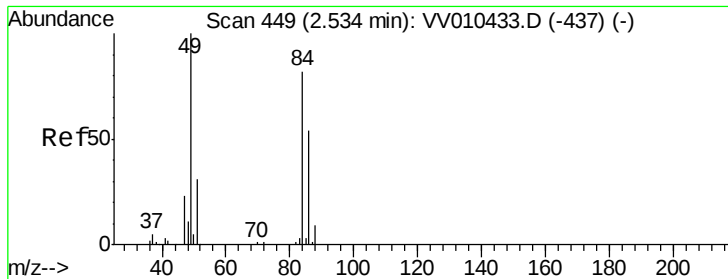
Tot Ion	Resp	Lower	Upper
96	10849		
61	174.6	105.3	195.5
63	104.5	87.8	163.2



#13
 Acetone
 Concen: 8.044 ug/L
 RT: 2.18 min Scan# 340
 Delta R.T. -0.00 min
 Lab File: VV010436.D
 Acq: 23 Apr 2019 04:35

Tgt Ion	Resp	Lower	Upper
43	1758		
58	30.8	0.0	66.4

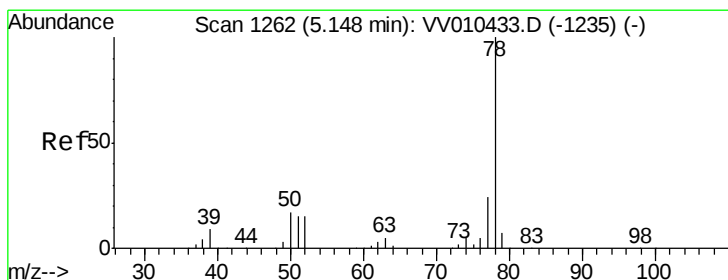
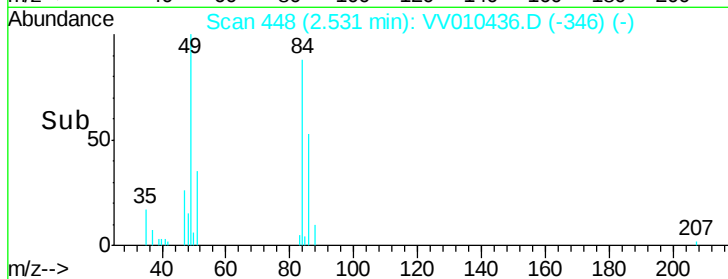
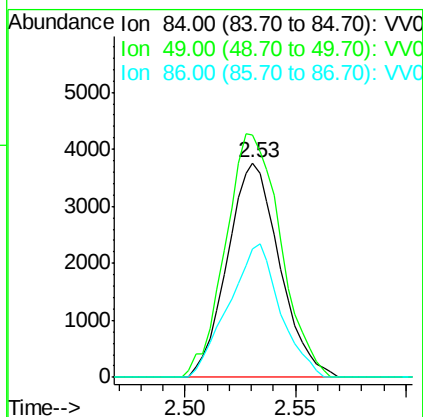
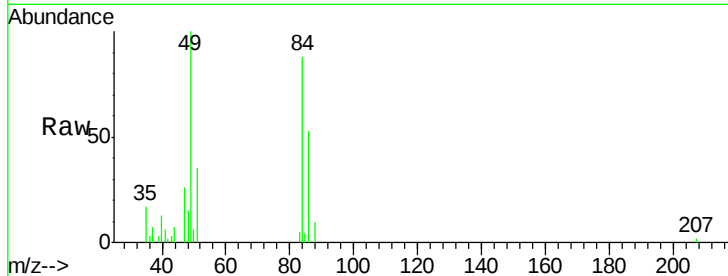




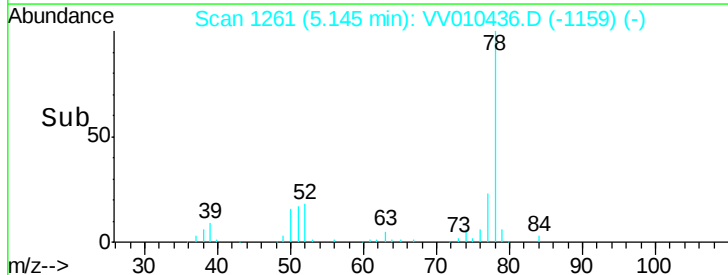
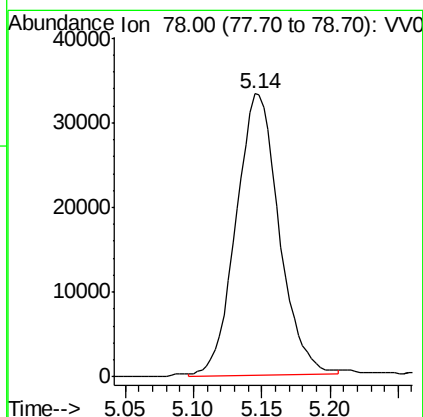
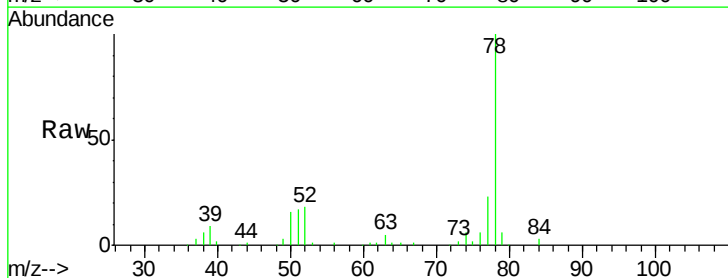
#16
Methvlene chloride
Concen: 6.665 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV010436.D
Acq: 23 Apr 2019 04:35

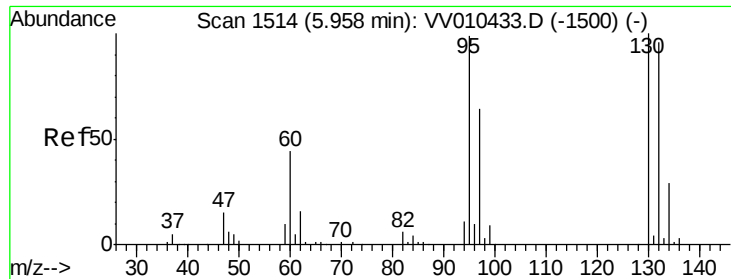
Instrument :
MSVOA_V
ClientSampled :
GAHN8MS

Tot Ion: 84 Resp: 6187
Ion Ratio Lower Upper
84 100
49 113.2 85.0 158.0
86 60.2 43.9 81.5



#34
Benzene
Concen: 24.611 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VV010436.D
Acq: 23 Apr 2019 04:35
Tgt Ion: 78 Resp: 72938

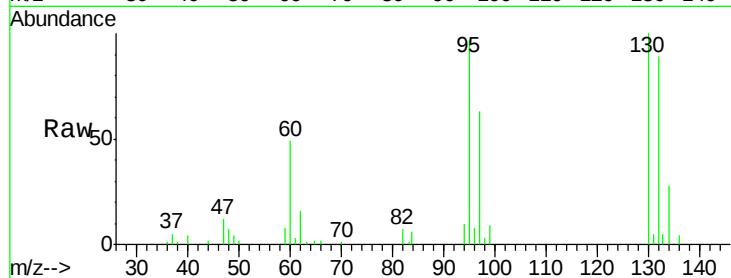




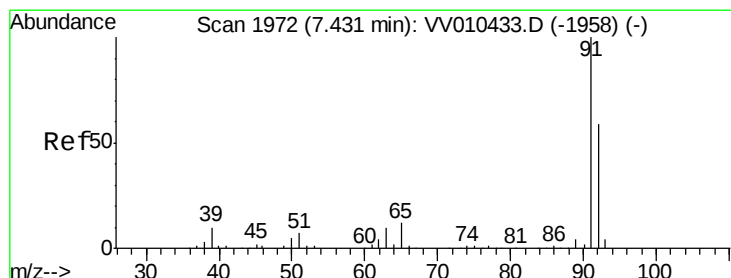
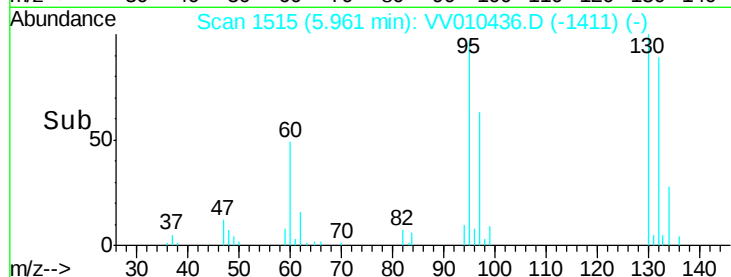
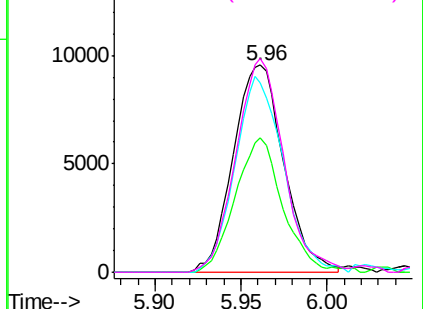
#35
 Trichloroethene
 Concen: 21.764 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: VV010436.D
 Acq: 23 Apr 2019 04:35

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHN8MS

Tot Ion: 95 Resp: 19560
 Ion Ratio Lower Upper
 95 100
 97 60.4 44.4 82.4
 132 90.5 69.0 128.1
 130 97.4 71.5 132.7

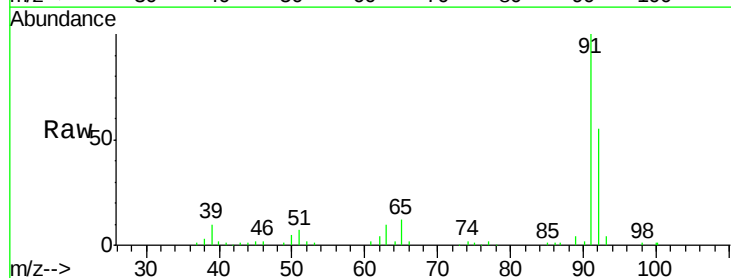


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

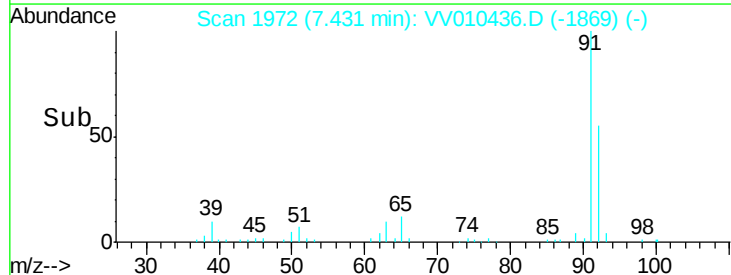
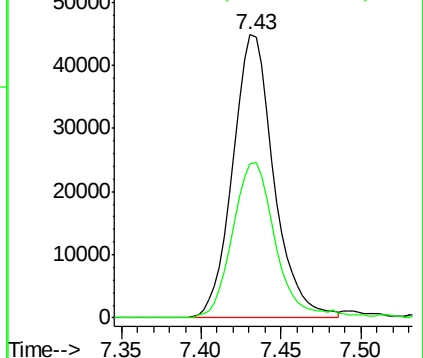


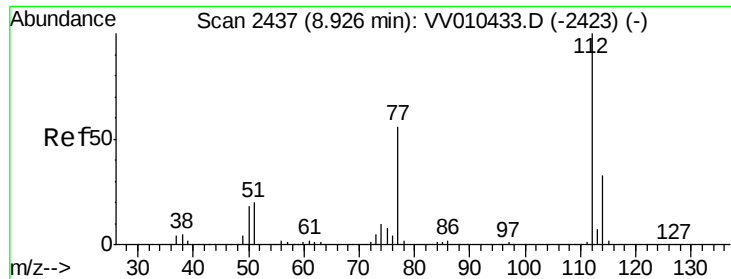
#44
 Toluene
 Concen: 21.961 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VV010436.D
 Acq: 23 Apr 2019 04:35

Tgt Ion: 91 Resp: 78652
 Ion Ratio Lower Upper
 91 100
 92 54.5 40.5 75.1



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





#52

Chlorobenzene

Concen: 24.469 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. -0.00 min

Lab File: VV010436.D

Acq: 23 Apr 2019 04:35

Instrument :

MSVOA_V

ClientSampleId :

GAHN8MS

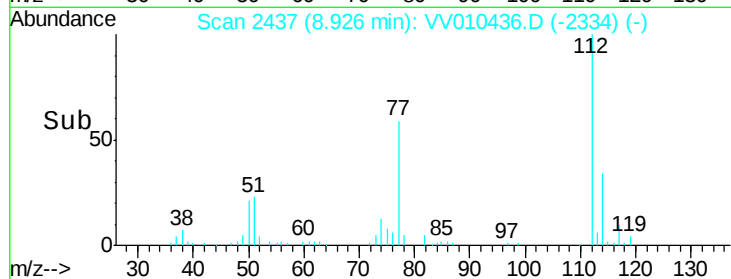
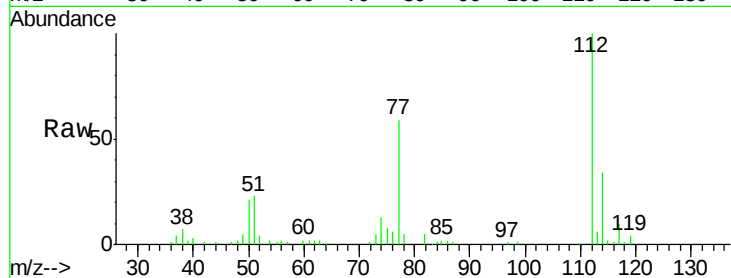
Tot Ion:112 Resp: 61437

Ion Ratio Lower Upper

112 100

77 59.1 46.2 69.2

114 34.0 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

