

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010260.D
 Acq On : 12 Apr 2019 00:10
 Operator : SY/MD
 Sample : K2278-14MSD
 Misc : 5.45G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB6Y3MSD

Quant Time: Apr 12 07:56:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:45:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	301346	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	289204	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	126477	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	52841	15.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.92%
7) Chloroethane-d5	1.58	69	93546	31.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	125.52%
10) 1,1-Dichloroethene-d2	2.12	63	164501	18.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.52%
20) 2-Butanone-d5	3.95	46	42996	48.98	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.96%
24) Chloroform-d	4.40	84	165367	24.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.12%
26) 1,2-Dichloroethane-d4	5.08	65	97253	24.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.24%
29) Benzene-d6	5.09	84	312392	22.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.60%
33) 1,2-Dichloropropane-d6	6.12	67	101998	24.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.36%
37) Toluene-d8	7.36	98	282586	20.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.12%
38) trans-1,3-Dichloropropene-	7.66	79	34921	20.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.76%
39) 2-Hexanone-d5	8.14	63	31235	43.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.20%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	84106	22.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.36%
61) 1,2-Dichlorobenzene-d4	11.67	152	106873	22.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.52%

Target Compounds

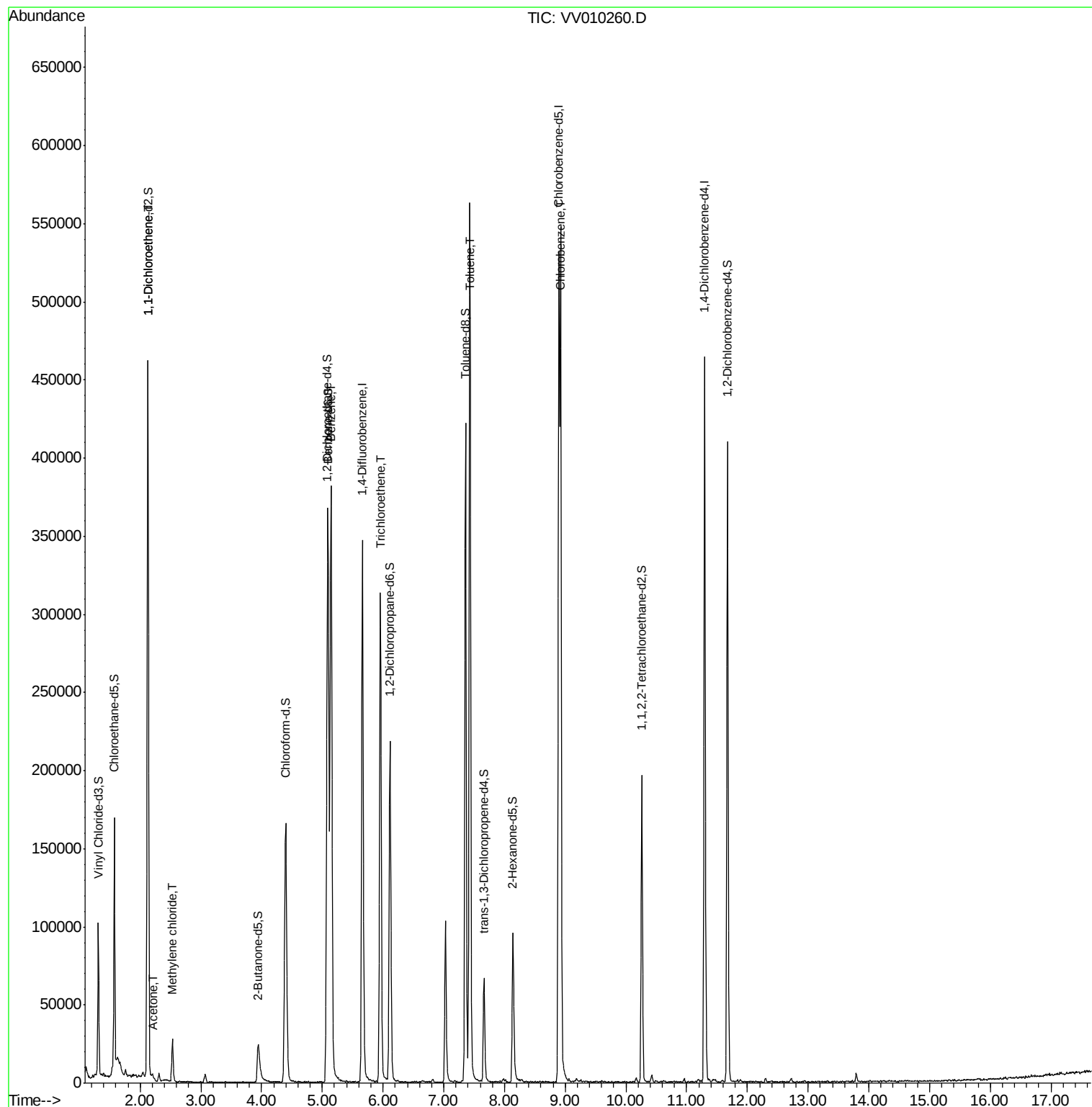
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.13	96	89283	22.457	ug/L	94
13) Acetone	2.20	43	3345	3.566	ug/L	95
16) Methylene chloride	2.53	84	11279	1.911	ug/L	99
34) Benzene	5.14	78	373568	25.482	ug/L	100
35) Trichloroethene	5.96	95	101494	23.961	ug/L	99
44) Toluene	7.43	91	410371	24.900	ug/L	97
52) Chlorobenzene	8.92	112	279860	24.335	ug/L	99

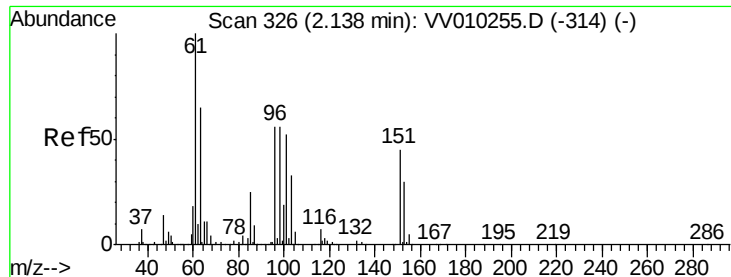
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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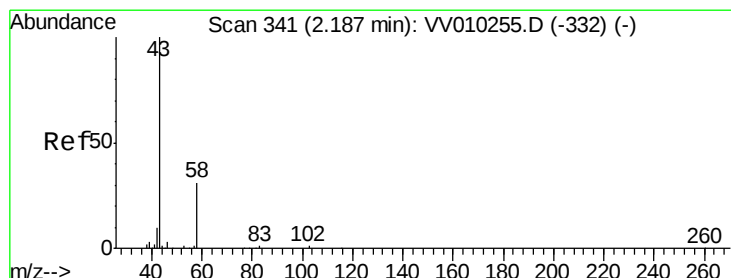
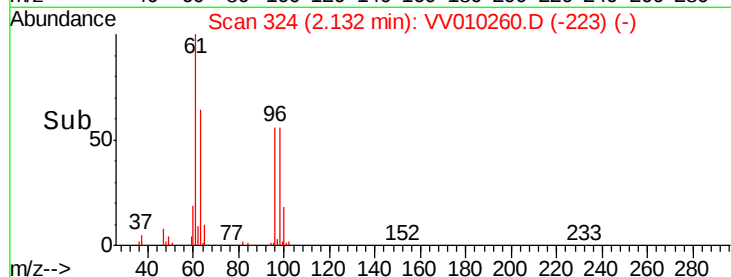
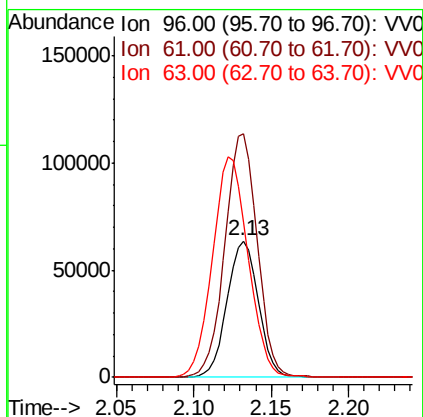
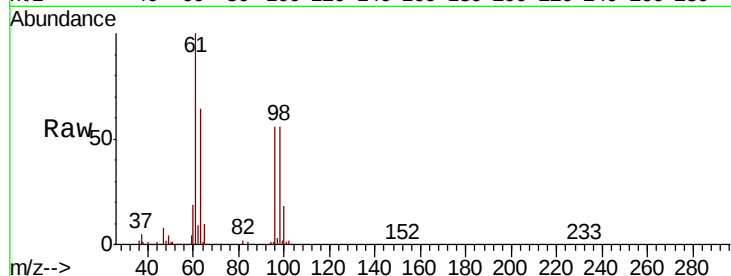




#12
 1,1-Dichloroethene
 Concen: 22.457 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.01 min
 Lab File: VV010260.D
 Acq: 12 Apr 2019 00:10

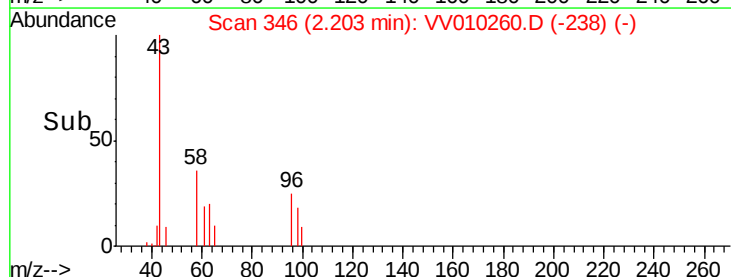
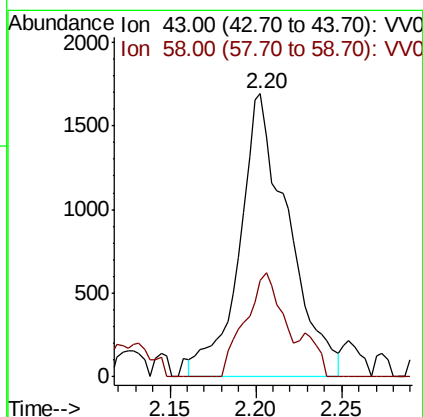
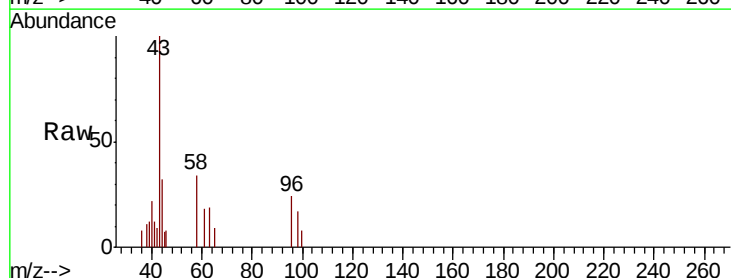
Instrument :
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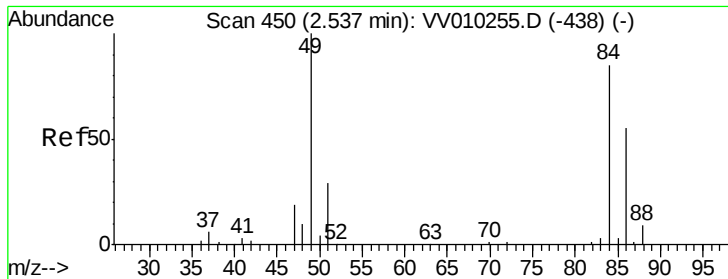
Tgt Ion	Resp	Lower	Upper
96	100		
61	178.7	125.3	232.7
63	114.0	91.3	169.6



#13
 Acetone
 Concen: 3.566 ug/L
 RT: 2.20 min Scan# 346
 Delta R.T. 0.02 min
 Lab File: VV010260.D
 Acq: 12 Apr 2019 00:10

Tgt Ion	Resp	Lower	Upper
43	100		
58	28.0	0.0	61.6

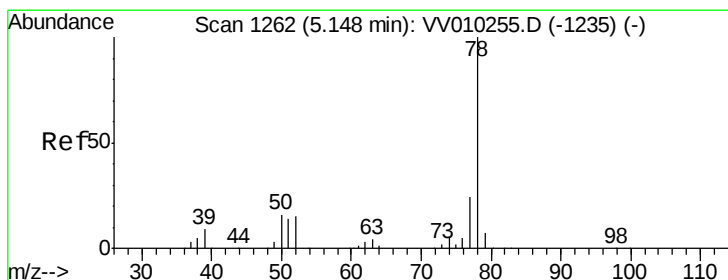
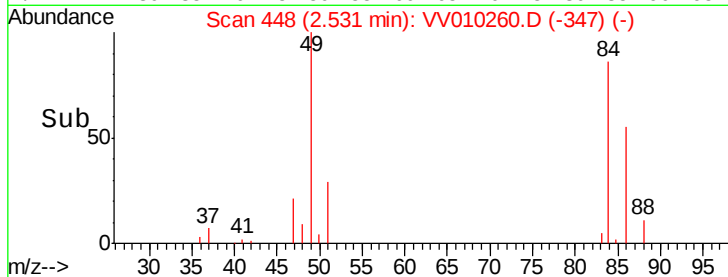
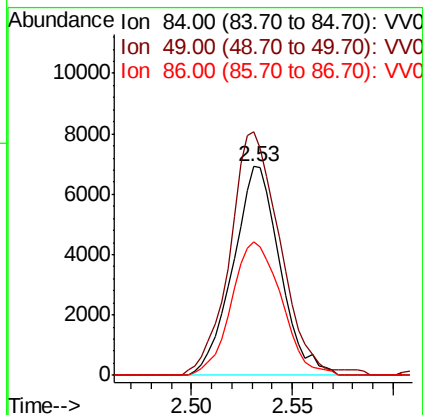
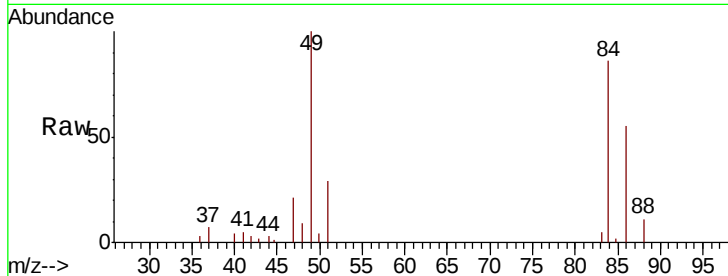




#16
Methylene chloride
Concen: 1.911 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.01 min
Lab File: VV010260.D
Acq: 12 Apr 2019 00:10

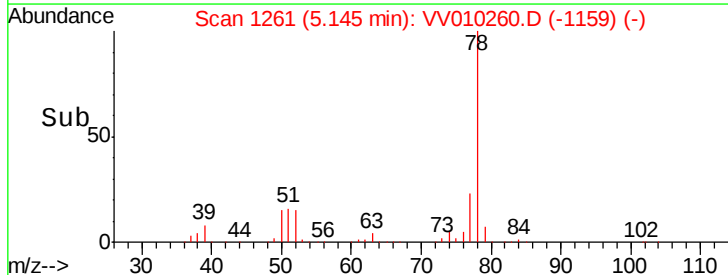
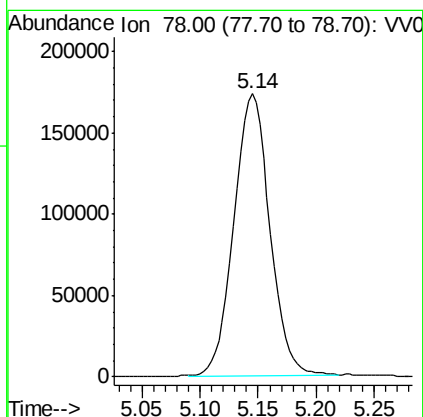
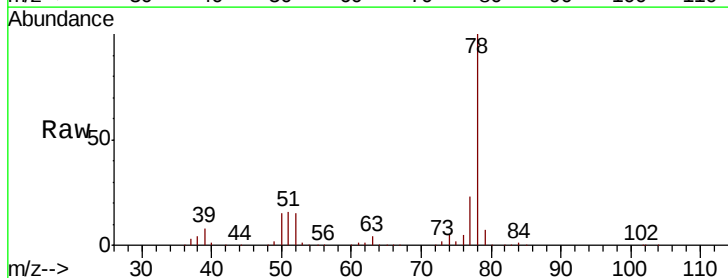
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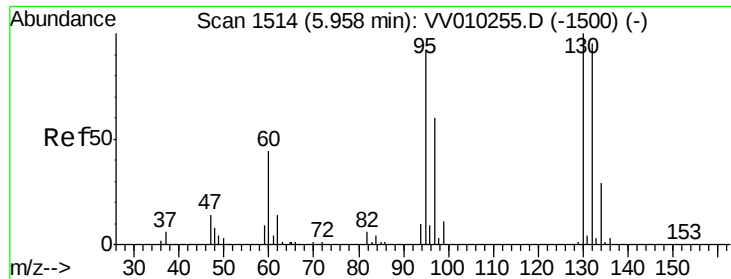
Tgt Ion: 84 Resp: 11279
Ion Ratio Lower Upper
84 100
49 116.6 79.9 148.5
86 63.7 44.5 82.7



#34
Benzene
Concen: 25.482 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VV010260.D
Acq: 12 Apr 2019 00:10

Tgt Ion: 78 Resp: 373568

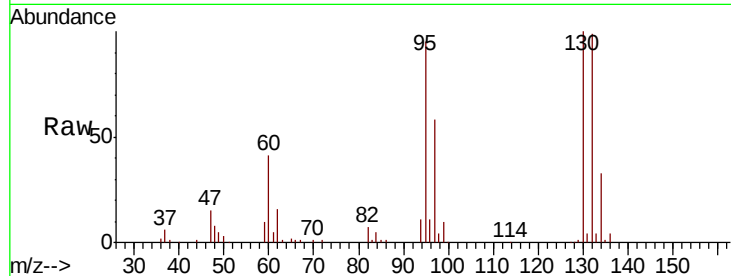




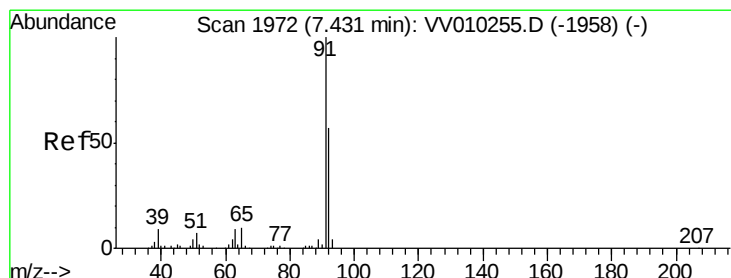
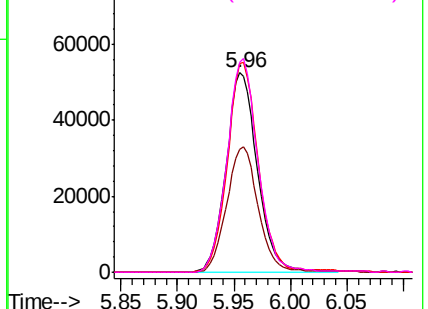
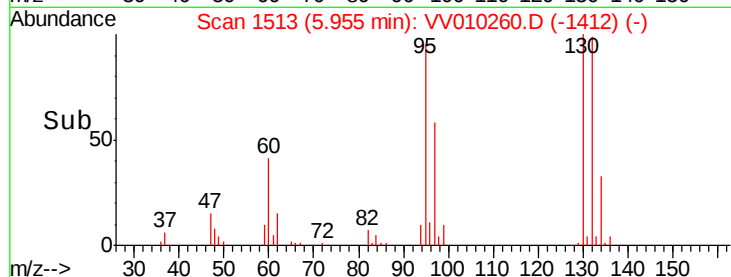
#35
 Trichloroethene
 Concen: 23.961 ug/L
 RT: 5.96 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: VV010260.D
 Acq: 12 Apr 2019 00:10

Instrument :
 MSVOA_V
 ClientSampleId :
 DB6Y3MSD

Tgt Ion: 95 Resp: 101494
 Ion Ratio Lower Upper
 95 100
 97 62.3 44.3 82.3
 132 102.0 71.3 132.3
 130 105.5 73.4 136.4

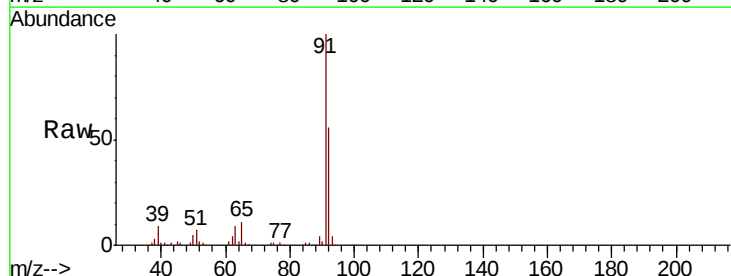


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

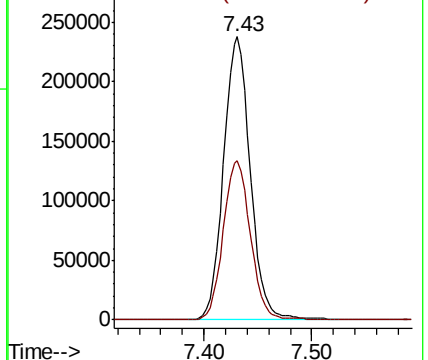
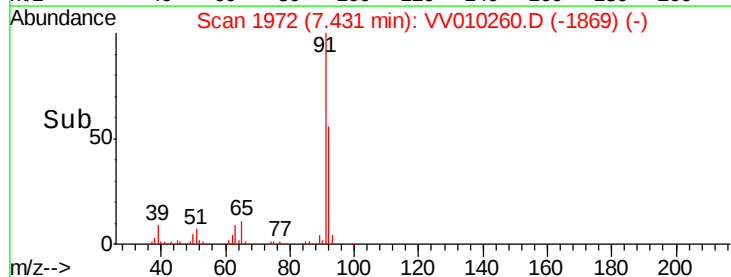


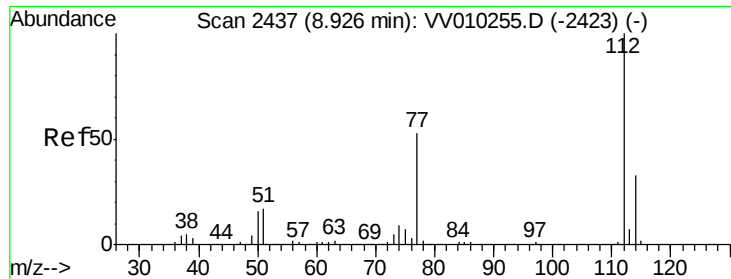
#44
 Toluene
 Concen: 24.900 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV010260.D
 Acq: 12 Apr 2019 00:10

Tgt Ion: 91 Resp: 410371
 Ion Ratio Lower Upper
 91 100
 92 56.4 41.0 76.2



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





#52

Chlorobenzene

Concen: 24.335 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. -0.00 min

Lab File: VV010260.D

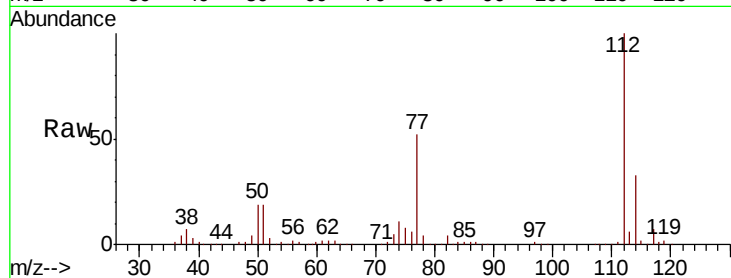
Acq: 12 Apr 2019 00:10

Instrument :

MSVOA_V

ClientSampleId :

DB6Y3MSD



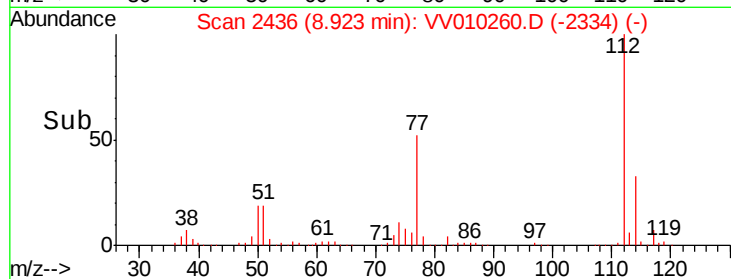
Tgt Ion:112 Resp: 279860

Ion Ratio Lower Upper

112 100

77 52.5 42.2 63.2

114 32.9 23.4 43.4



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

