

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041819\
 Data File : VV010359.D
 Acq On : 18 Apr 2019 20:02
 Operator : SY/MD
 Sample : K2403-18MS
 Misc : 6.26G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5131MS

Quant Time: Apr 19 06:13:09 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	304297	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	304649	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	145765	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71752	18.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.28%
7) Chloroethane-d5	1.58	69	66899	20.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.44%
10) 1,1-Dichloroethene-d2	2.13	63	194969	20.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.64%
20) 2-Butanone-d5	3.94	46	53292	44.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.58%
24) Chloroform-d	4.40	84	179237	22.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.08	65	107551	22.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.08%
29) Benzene-d6	5.10	84	336380	21.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.28%
33) 1,2-Dichloropropane-d6	6.12	67	107226	23.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.00%
37) Toluene-d8	7.36	98	314512	20.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.92%
38) trans-1,3-Dichloropropene-	7.66	79	44803	19.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.84%
39) 2-Hexanone-d5	8.13	63	43395	42.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.40%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	104571	22.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	135129	23.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.32%

Target Compounds

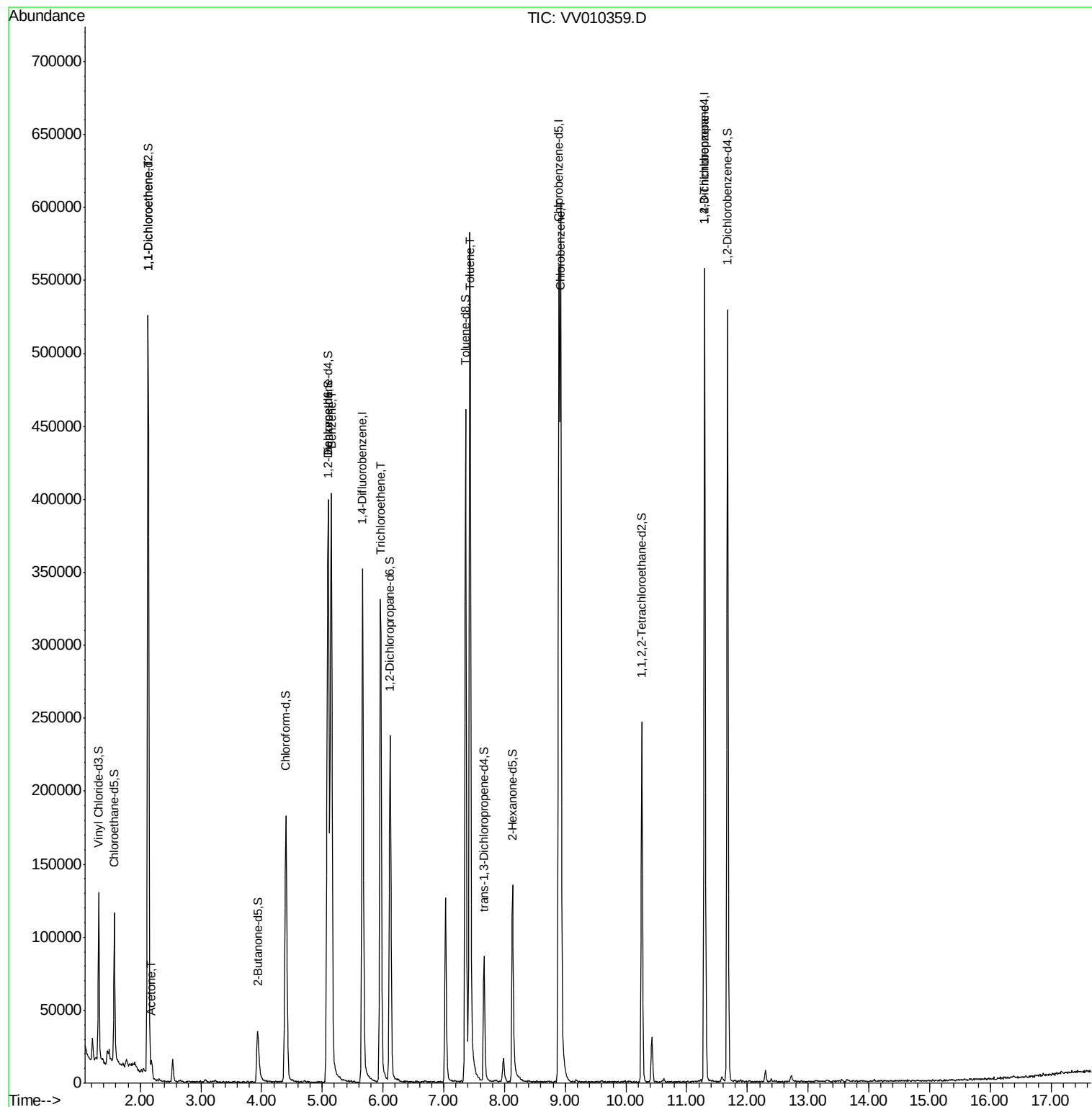
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.14	96	97812	24.743	ug/L	96
13) Acetone	2.19	43	2345	1.847	ug/L	94
34) Benzene	5.15	78	386668	26.009	ug/L	100
35) Trichloroethene	5.96	95	106620	24.241	ug/L	97
44) Toluene	7.43	91	437568	26.108	ug/L	99
52) Chlorobenzene	8.93	112	311063	26.674	ug/L	99
59) 1,2,3-Trichloropropane	11.30	75	18514	5.756	ug/L	91

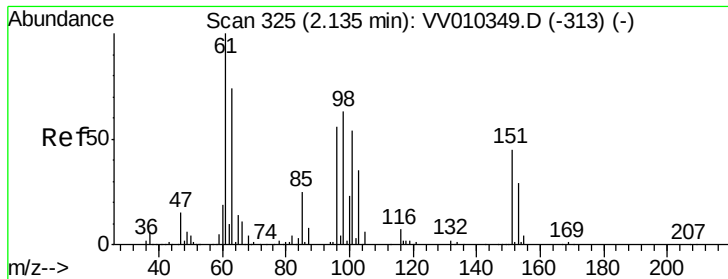
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 19 06:08:59 2019
Response via : Initial Calibration

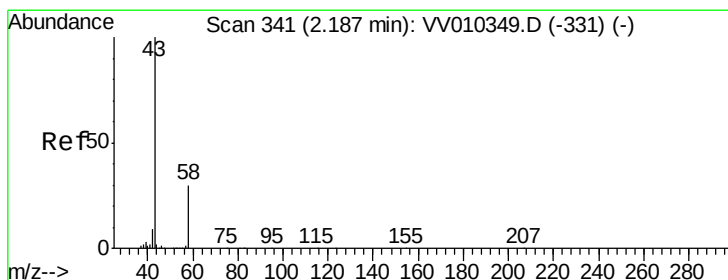
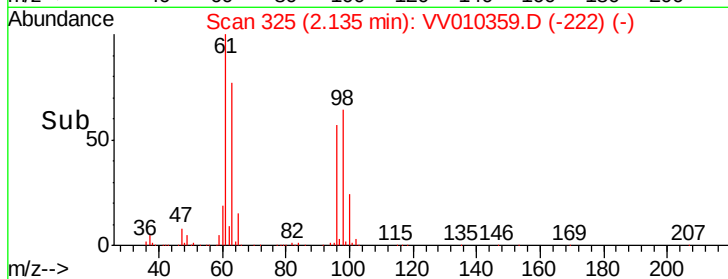
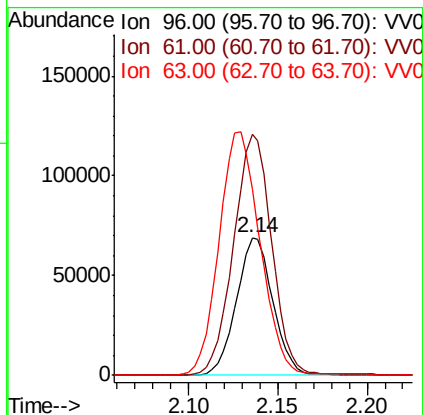
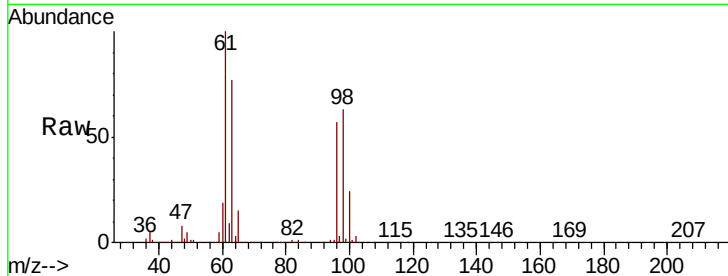




#12
 1,1-Dichloroethene
 Concen: 24.743 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. 0.00 min
 Lab File: VV010359.D
 Acq: 18 Apr 2019 20:02

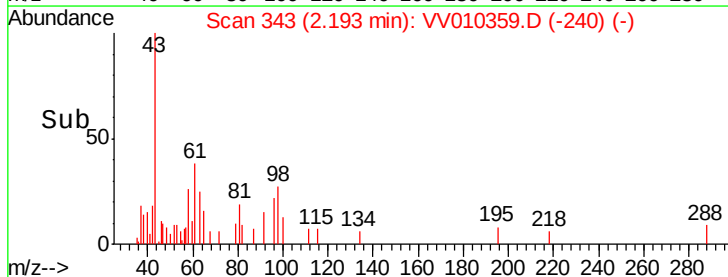
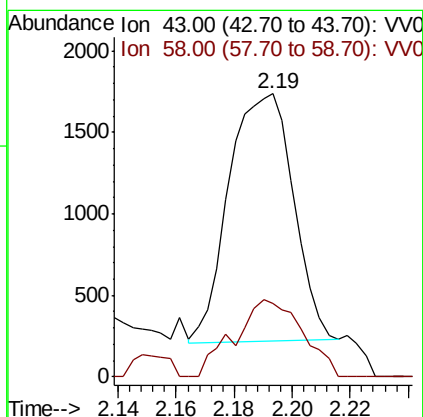
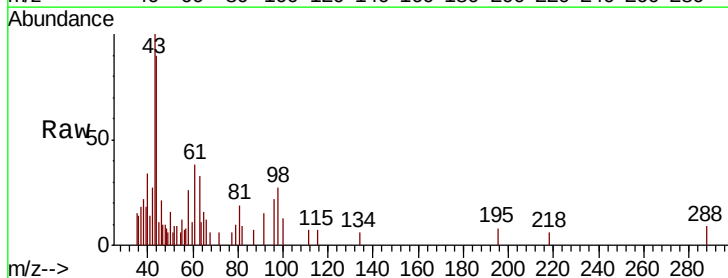
Instrument :
 MSVOA_V
 ClientSampleId :
 A5131MS

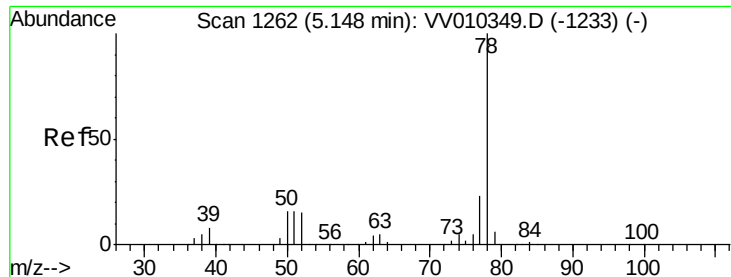
Tgt Ion: 96 Resp: 97812
 Ion Ratio Lower Upper
 96 100
 61 175.2 124.7 231.5
 63 135.2 88.7 164.7



#13
 Acetone
 Concen: 1.847 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VV010359.D
 Acq: 18 Apr 2019 20:02

Tgt Ion: 43 Resp: 2345
 Ion Ratio Lower Upper
 43 100
 58 26.5 0.0 60.0





#34

Benzene

Concen: 26.009 ug/L

RT: 5.15 min Scan# 1262

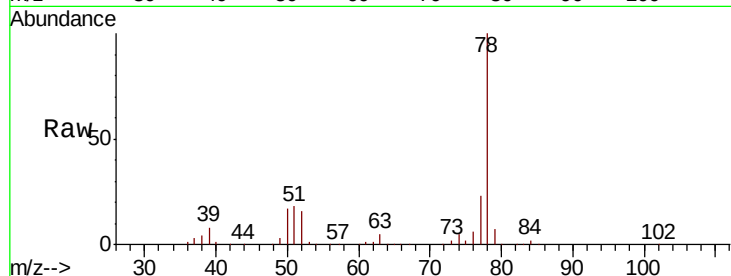
Delta R.T. 0.00 min

Lab File: VV010359.D

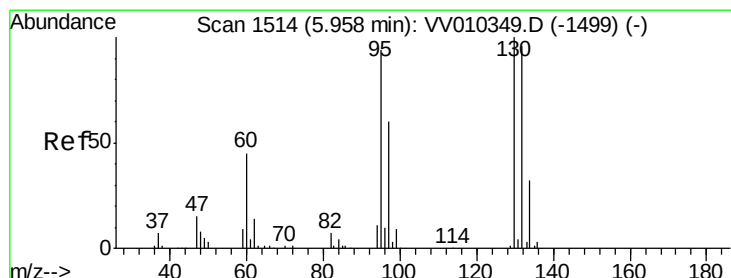
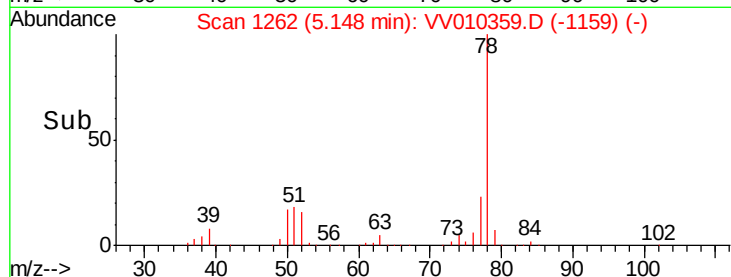
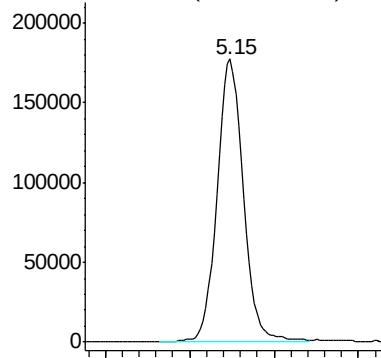
Acq: 18 Apr 2019 20:02

Instrument :
MSVOA_V
ClientSampleId :
A5131MS

Tgt Ion: 78 Resp: 386668



Abundance Ion 78.00 (77.70 to 78.70): VV0



#35

Trichloroethene

Concen: 24.241 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV010359.D

Acq: 18 Apr 2019 20:02

Tgt Ion: 95 Resp: 106620

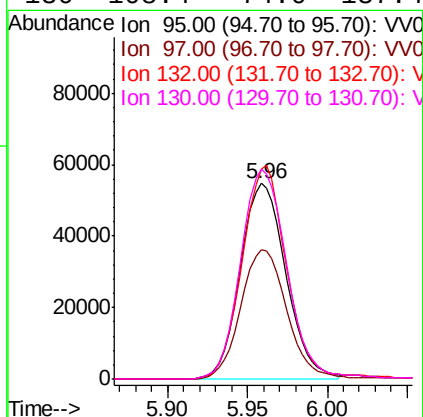
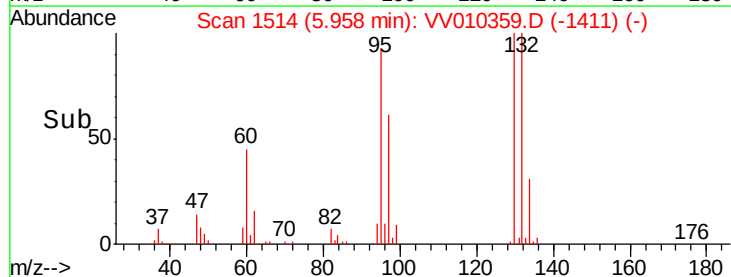
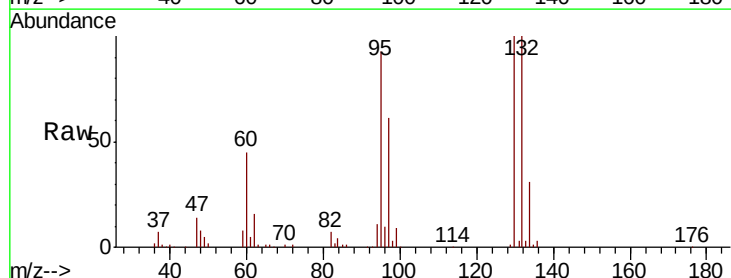
Ion	Ratio	Lower	Upper
95	100		
97	66.6	45.6	84.8
132	107.4	71.5	132.7
130	108.4	74.0	137.4

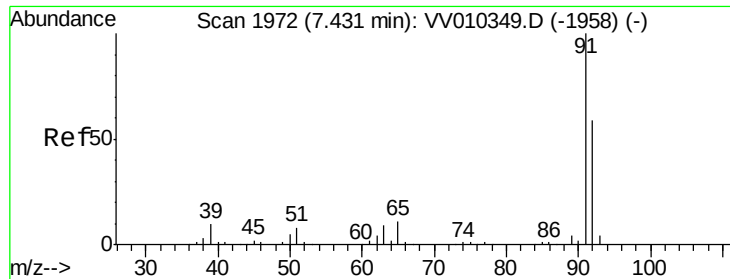
Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 26.108 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV010359.D

Acq: 18 Apr 2019 20:02

Instrument :

MSVOA_V

ClientSampleId :

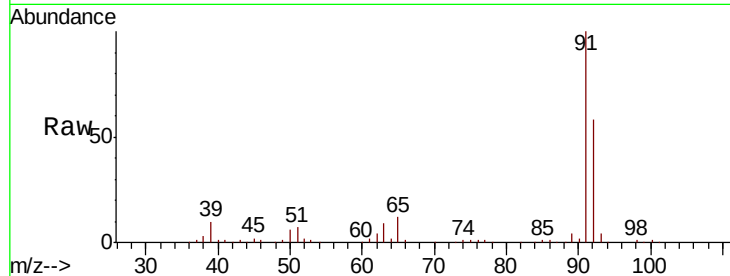
A5131MS

Tgt Ion: 91 Resp: 437568

Ion Ratio Lower Upper

91 100

92 58.1 40.1 74.5



Abundance Ion 91.00 (90.70 to 91.70): VV010349.D (-1958) (-)

Ion 92.00 (91.70 to 92.70): VV010349.D (-1958) (-)

7.43

250000

200000

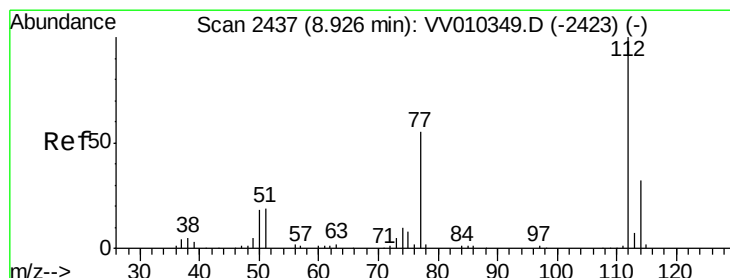
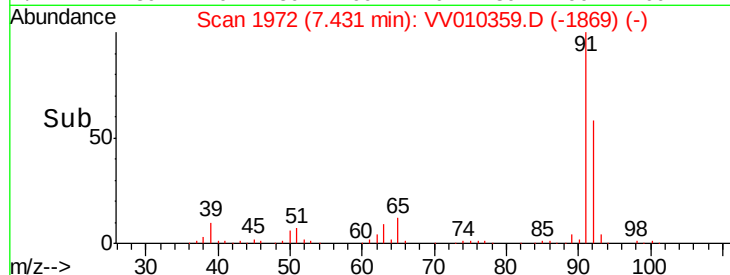
150000

100000

50000

0

Time--> 7.30 7.43 7.50 7.60



#52

Chlorobenzene

Concen: 26.674 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. 0.00 min

Lab File: VV010359.D

Acq: 18 Apr 2019 20:02

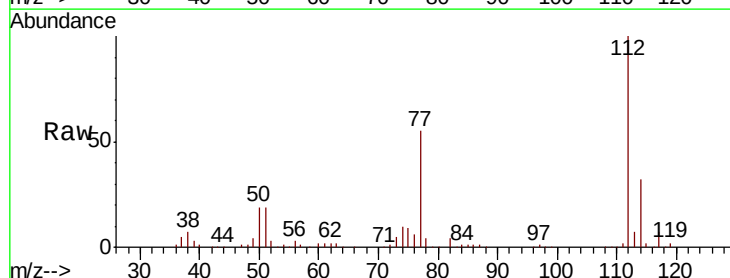
Tgt Ion: 112 Resp: 311063

Ion Ratio Lower Upper

112 100

77 54.6 43.0 64.4

114 31.8 22.5 41.9



Abundance Ion 112.00 (111.70 to 112.70): VV010349.D (-2423) (-)

Ion 77.00 (76.70 to 77.70): VV010349.D (-2423) (-)

Ion 114.00 (113.70 to 114.70): VV010349.D (-2423) (-)

8.93

250000

200000

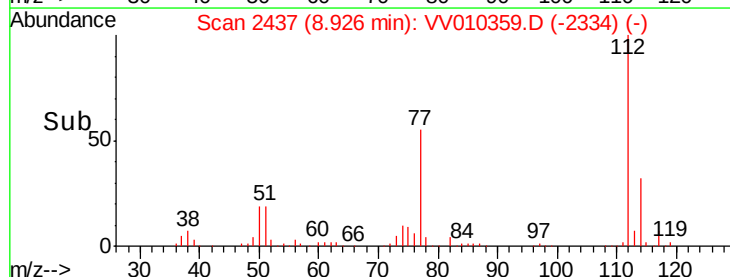
150000

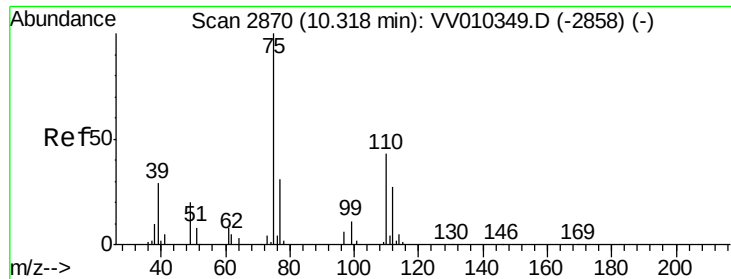
100000

50000

0

Time--> 8.80 8.93 9.00 9.10





#59

1,2,3-Trichloropropane

Concen: 5.756 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010359.D

Acq: 18 Apr 2019 20:02

Instrument :

MSVOA_V

ClientSampleId :

A5131MS

Tgt Ion: 75 Resp: 18514

Ion Ratio Lower Upper

75 100

77 37.2 25.8 38.8

