

Data File : VV010796.D
Acq On : 10 May 2019 05:36
Operator : SY/MD
Sample : K2737-04MSD
Misc : 4.53G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB850MSD

Quant Time: May 10 07:59:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 07:54:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	99246	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	92902	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	36328	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	28668	18.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.36%
7) Chloroethane-d5	1.56	69	28497	22.46	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.84%
10) 1,1-Dichloroethene-d2	2.12	63	55137	16.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.96%
20) 2-Butanone-d5	3.92	46	15824	34.20	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.40%
24) Chloroform-d	4.39	84	46219	17.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	68.32%
26) 1,2-Dichloroethane-d4	5.07	65	38182	22.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.40%
29) Benzene-d6	5.09	84	122180	24.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.96%
33) 1,2-Dichloropropane-d6	6.11	67	40706	26.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.48%
37) Toluene-d8	7.35	98	109068	23.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.16%
38) trans-1,3-Dichloropropene-	7.66	79	14934	21.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.08%
39) 2-Hexanone-d5	8.13	63	11657	35.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.50%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	29633	20.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	34964	24.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.40%

Target Compounds

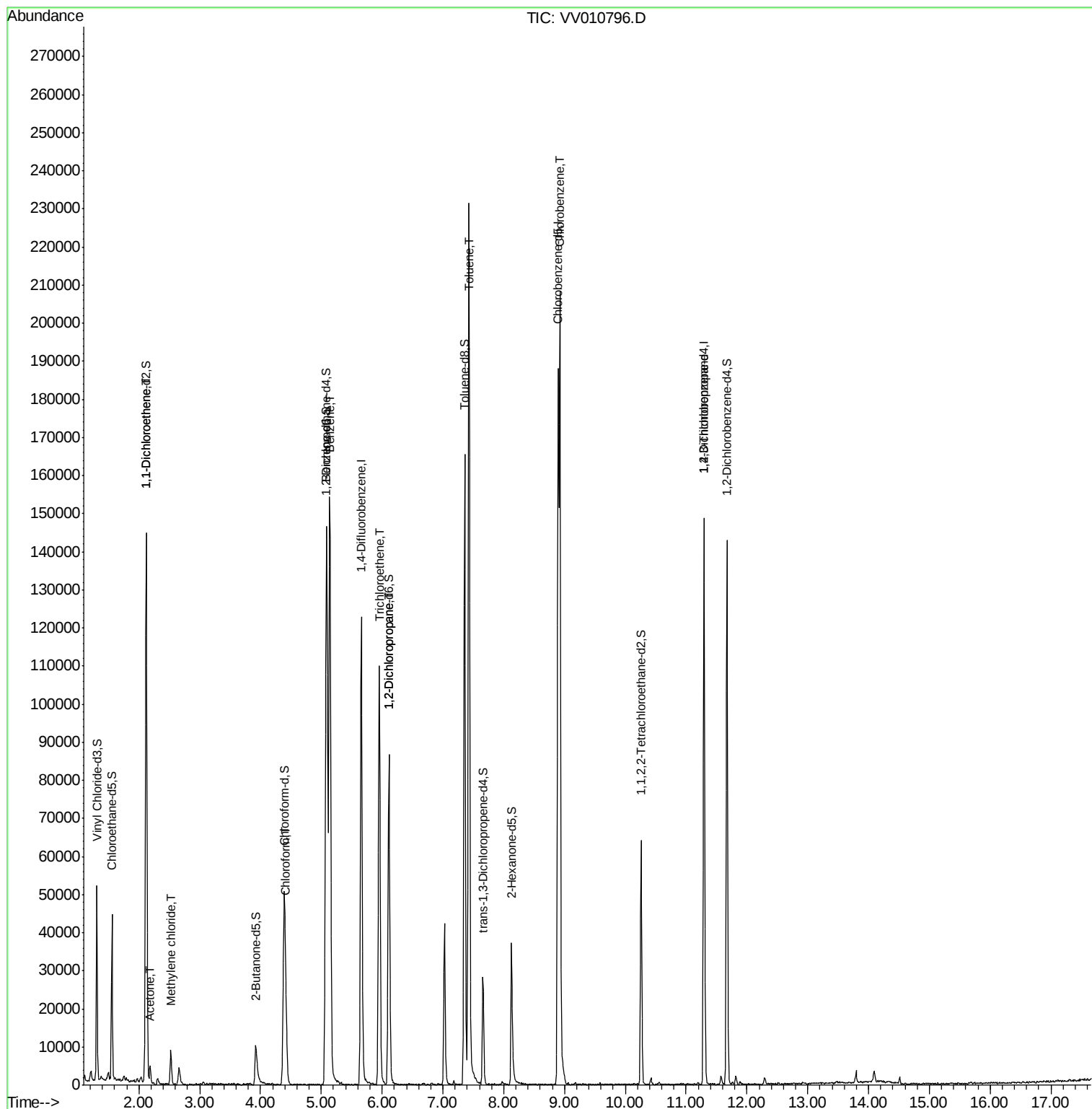
						Qvalue
12) 1,1-Dichloroethene	2.13	96	29020	18.574	ug/L	94
13) Acetone	2.18	43	4351	6.075	ug/L	96
16) Methylene chloride	2.52	84	3628	2.364	ug/L	94
25) Chloroform	4.42	83	16588	5.523	ug/L	97
34) Benzene	5.14	78	143994	26.403	ug/L	100
35) Trichloroethene	5.96	95	37142	24.313	ug/L	97
40) 1,2-Dichloropropane	6.11	63	4733	3.262	ug/L #	87
44) Toluene	7.43	91	163325	26.368	ug/L	100
52) Chlorobenzene	8.92	112	99759	24.652	ug/L	96
59) 1,2,3-Trichloropropane	11.29	75	4933	4.048	ug/L	89

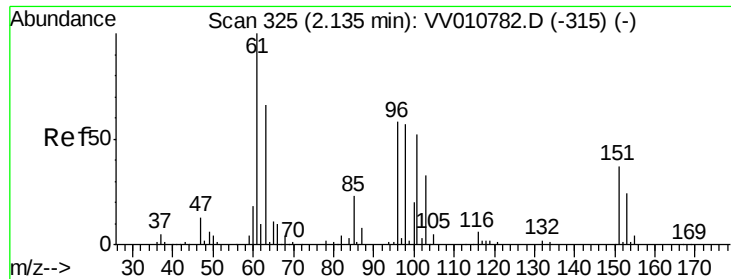
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV010796.D
Acq On : 10 May 2019 05:36
Operator : SY/MD
Sample : K2737-04MSD
Misc : 4.53G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB850MSD

Quant Time: May 10 07:59:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 07:54:34 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 18.574 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV010796.D

Acq: 10 May 2019 05:36

Instrument :

MSVOA_V

ClientSampleId :

DB850MSD

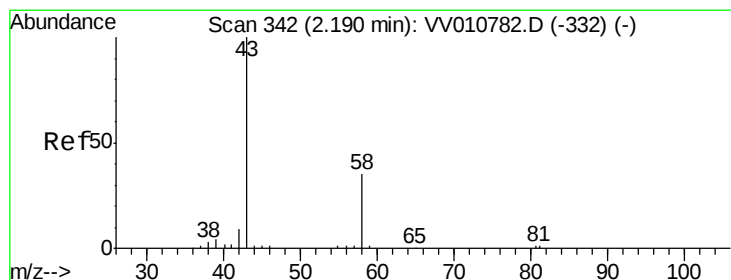
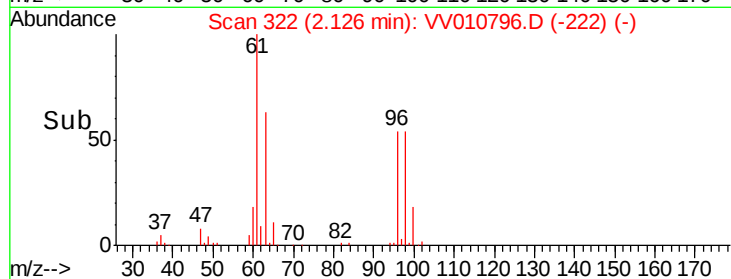
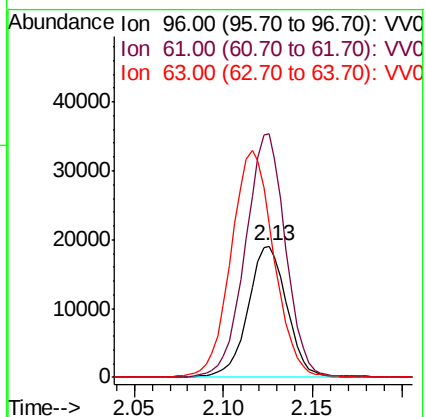
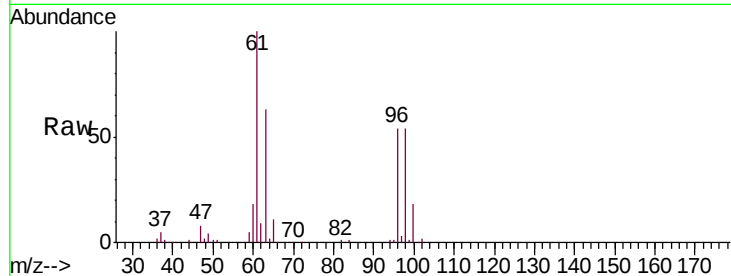
Tgt Ion: 96 Resp: 29020

Ion Ratio Lower Upper

96 100

61 185.2 120.3 223.3

63 117.1 82.9 153.9



#13

Acetone

Concen: 6.075 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

Lab File: VV010796.D

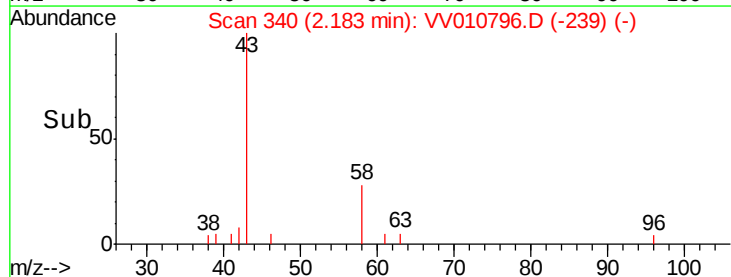
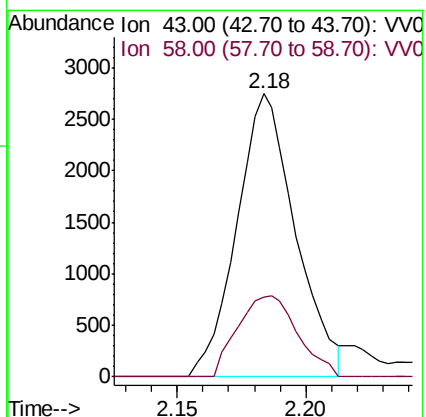
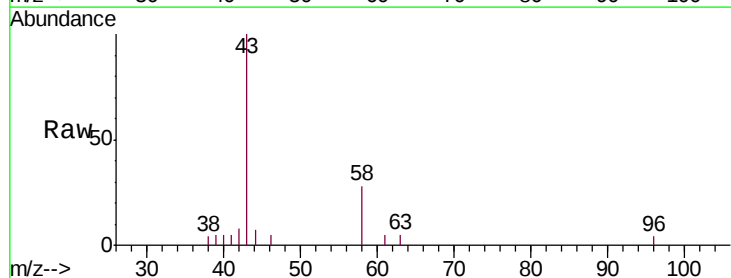
Acq: 10 May 2019 05:36

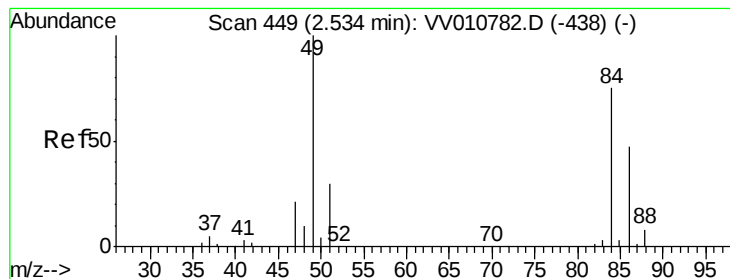
Tgt Ion: 43 Resp: 4351

Ion Ratio Lower Upper

43 100

58 29.3 0.0 63.4





#16

Methylene chloride

Concen: 2.364 ug/L

RT: 2.52 min Scan# 446

Delta R.T. -0.01 min

Lab File: VV010796.D

Acq: 10 May 2019 05:36

Instrument :

MSVOA_V

ClientSampleId :

DB850MSD

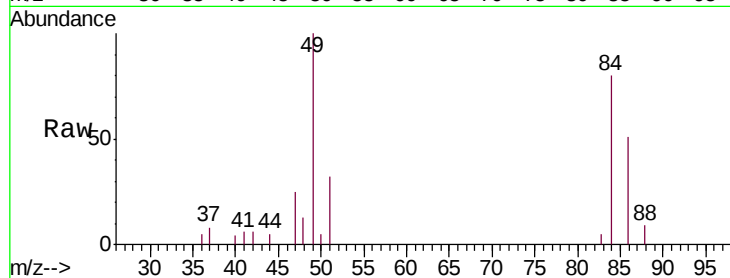
Tgt Ion: 84 Resp: 3628

Ion Ratio Lower Upper

84 100

49 124.3 92.9 172.5

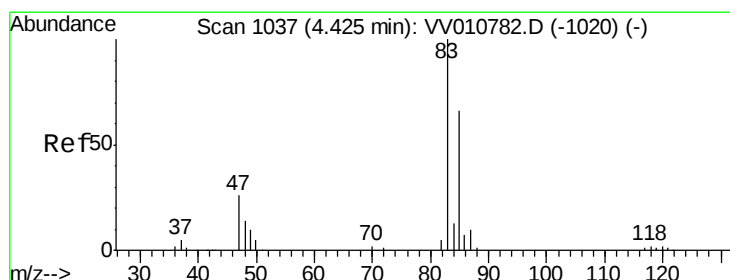
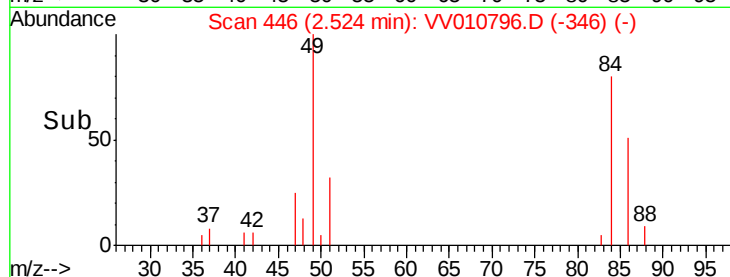
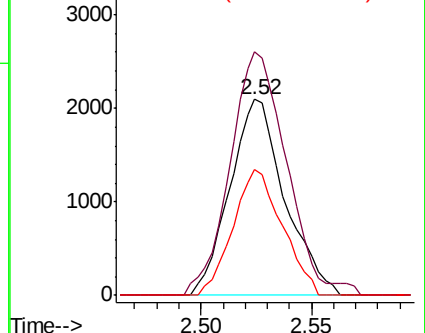
86 64.0 46.5 86.5



Abundance Ion 84.00 (83.70 to 84.70): VV010796.D (-346) (-)

Ion 49.00 (48.70 to 49.70): VV010796.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV010796.D (-346) (-)



#25

Chloroform

Concen: 5.523 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. -0.01 min

Lab File: VV010796.D

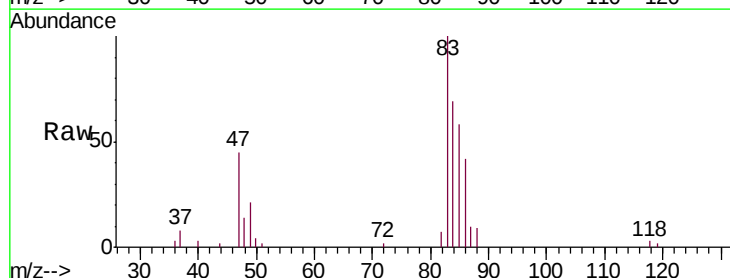
Acq: 10 May 2019 05:36

Tgt Ion: 83 Resp: 16588

Ion Ratio Lower Upper

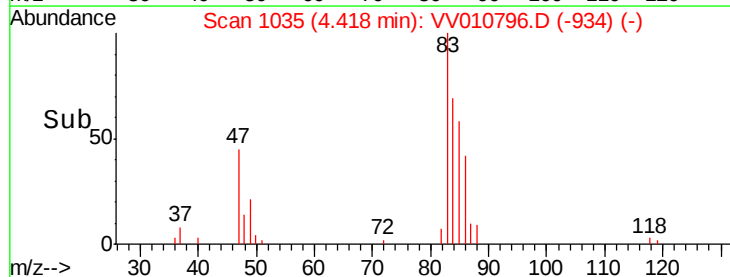
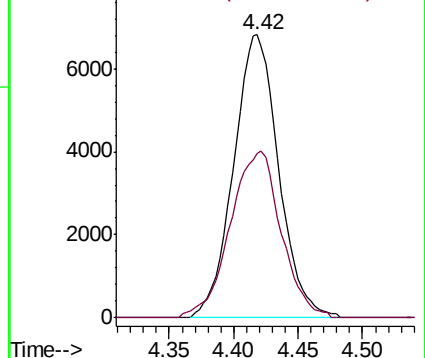
83 100

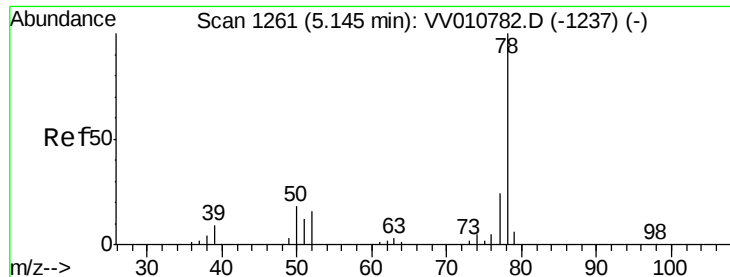
85 66.3 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV010796.D (-934) (-)

Ion 85.00 (84.70 to 85.70): VV010796.D (-934) (-)





#34

Benzene

Concen: 26.403 ug/L

RT: 5.14 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VV010796.D

Acq: 10 May 2019 05:36

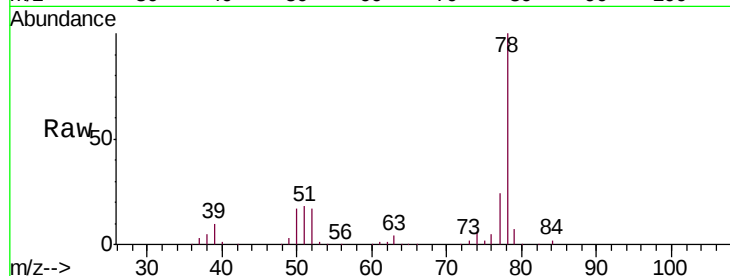
Instrument :

MSVOA_V

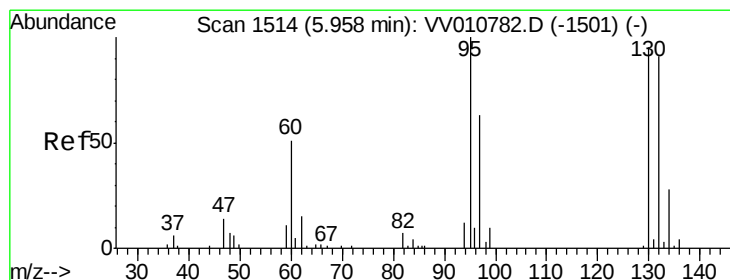
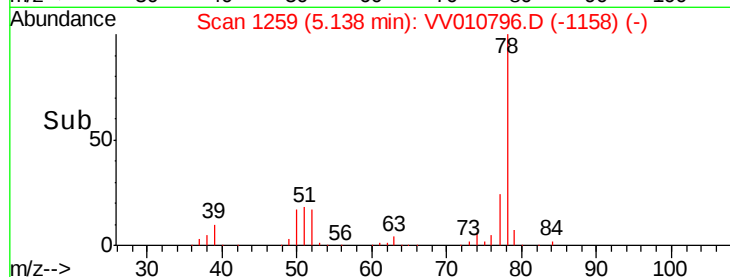
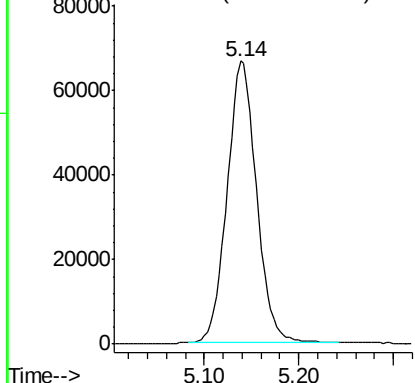
ClientSampleId :

DB850MSD

Tgt Ion: 78 Resp: 143994



Abundance Ion 78.00 (77.70 to 78.70): VV0



#35

Trichloroethene

Concen: 24.313 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV010796.D

Acq: 10 May 2019 05:36

Tgt Ion: 95 Resp: 37142

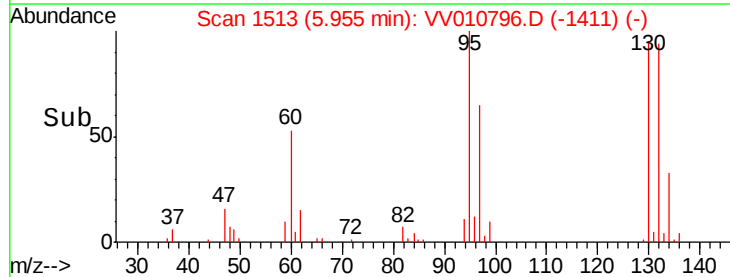
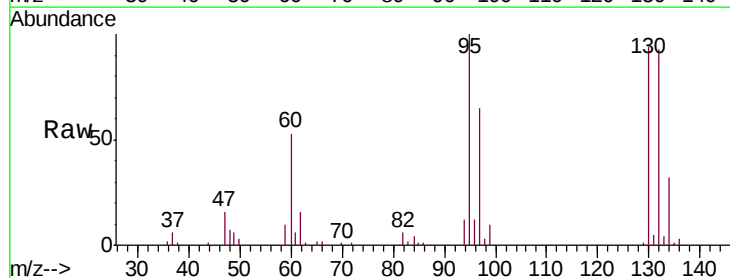
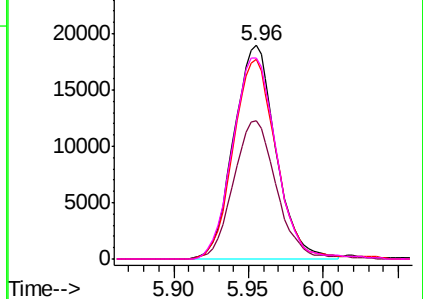
Ion	Ratio	Lower	Upper
95	100		
97	66.1	44.3	82.3
132	94.8	62.4	115.8
130	97.9	68.5	127.3

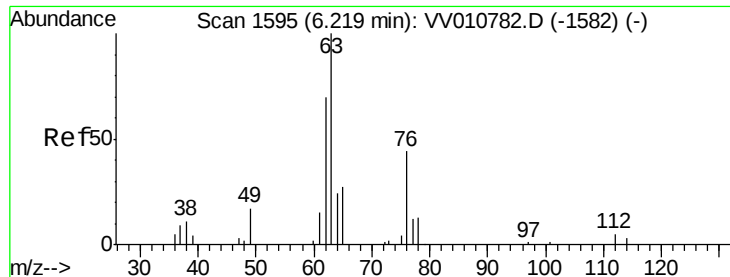
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

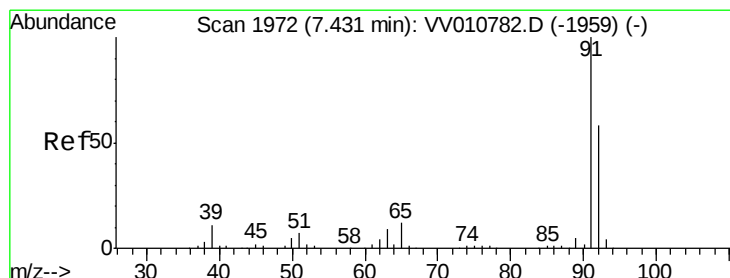
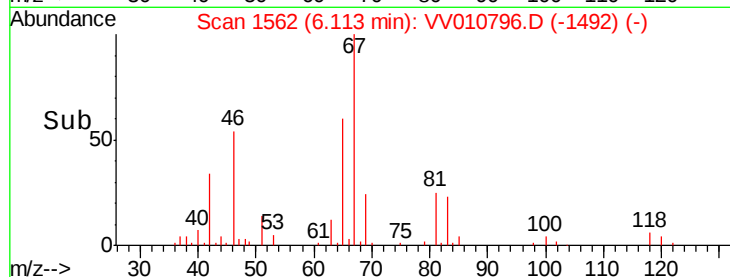
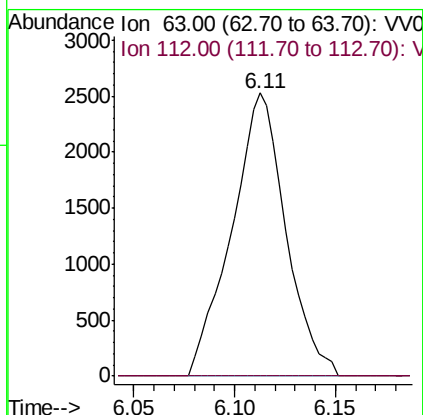
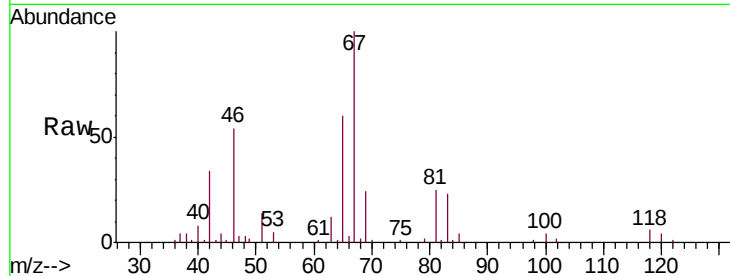




#40
 1,2-Dichloropropane
 Concen: 3.262 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV010796.D
 Acq: 10 May 2019 05:36

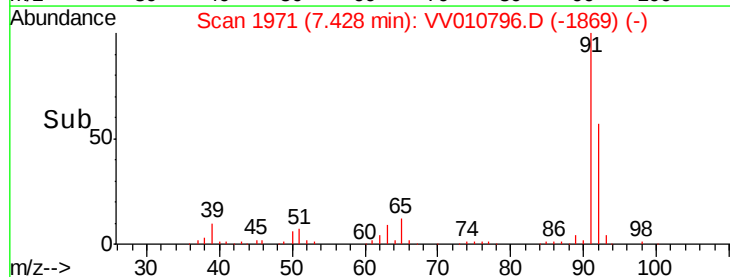
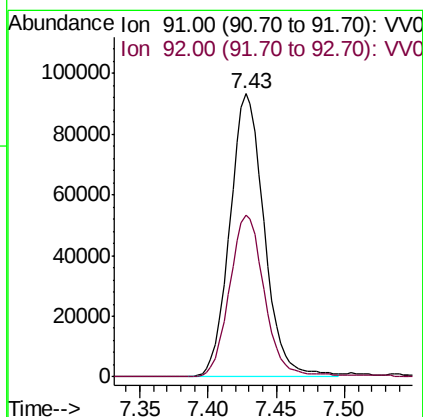
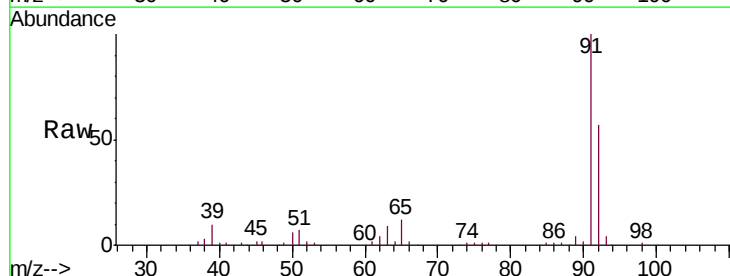
Instrument :
 MSVOA_V
 ClientSampleId :
 DB850MSD

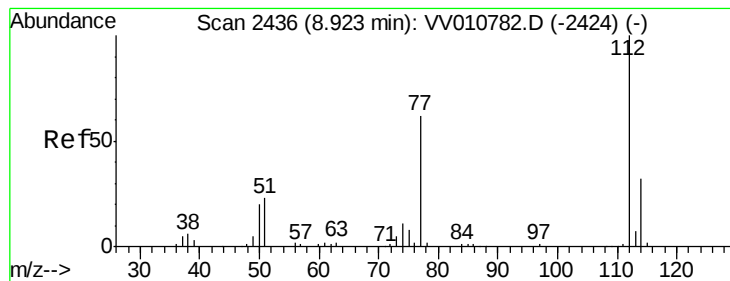
Tgt Ion: 63 Resp: 4733
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#44
 Toluene
 Concen: 26.368 ug/L
 RT: 7.43 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: VV010796.D
 Acq: 10 May 2019 05:36

Tgt Ion: 91 Resp: 163325
 Ion Ratio Lower Upper
 91 100
 92 57.3 40.1 74.5





#52

Chlorobenzene

Concen: 24.652 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. -0.00 min

Lab File: VV010796.D

Acq: 10 May 2019 05:36

Instrument :

MSVOA_V

ClientSampleId :

DB850MSD

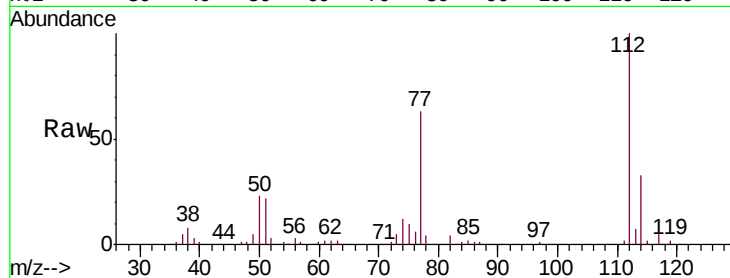
Tgt Ion: 112 Resp: 99759

Ion Ratio Lower Upper

112 100

77 62.7 47.7 71.5

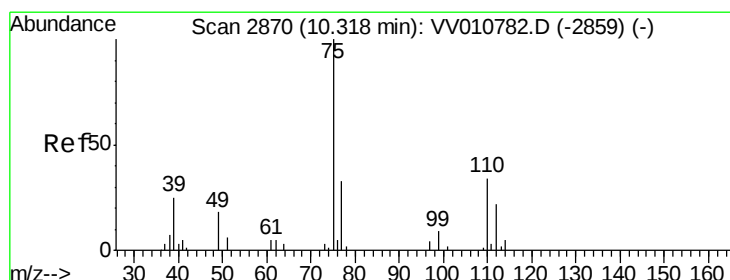
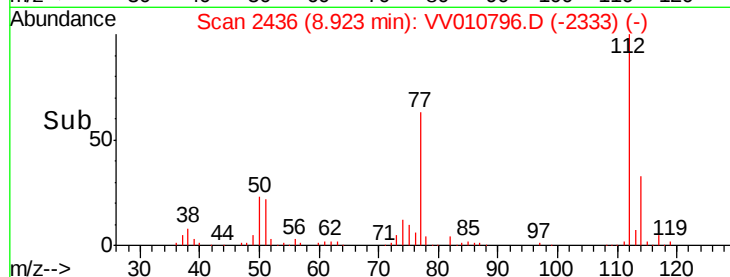
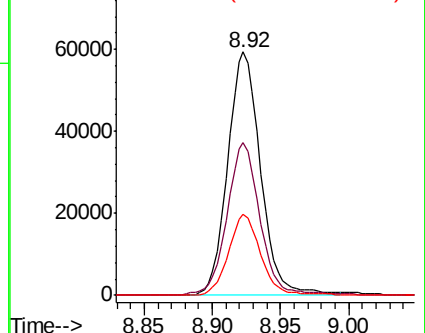
114 33.1 22.1 41.1



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



#59

1,2,3-Trichloropropane

Concen: 4.048 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV010796.D

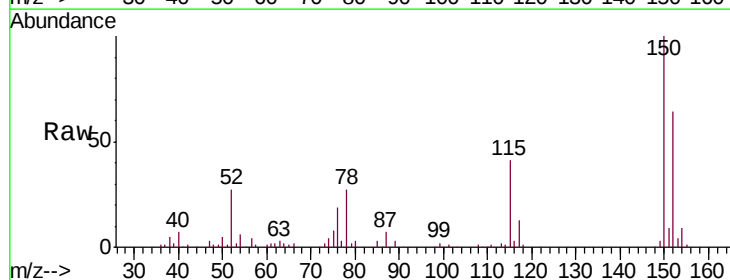
Acq: 10 May 2019 05:36

Tgt Ion: 75 Resp: 4933

Ion Ratio Lower Upper

75 100

77 37.1 25.0 37.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

