

Data File : VV009904.D
Acq On : 26 Mar 2019 19:54
Operator : SY/MD
Sample : K2083-18
Misc : 5.43G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0J5

Quant Time: Mar 27 01:48:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:42:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	155931	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	155185	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66487	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79003	24.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.88%
7) Chloroethane-d5	1.57	69	87986	25.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.00%
10) 1,1-Dichloroethene-d2	2.13	63	169013	19.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.12%
20) 2-Butanone-d5	3.93	46	27015	45.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.64%
24) Chloroform-d	4.40	84	98500	24.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.16%
26) 1,2-Dichloroethane-d4	5.08	65	61515	25.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.92%
29) Benzene-d6	5.10	84	221201	27.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.56%
33) 1,2-Dichloropropane-d6	6.12	67	66843	28.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.12%
37) Toluene-d8	7.36	98	203408	26.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.48%
38) trans-1,3-Dichloropropene-	7.66	79	21003	21.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.12%
39) 2-Hexanone-d5	8.13	63	19110	42.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.88%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	52684	22.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.28%
61) 1,2-Dichlorobenzene-d4	11.68	152	66880	26.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.68%

Target Compounds

					Qvalue
12) 1,1-Dichloroethene	2.13	96	1801	0.472 ug/L #	1
13) Acetone	2.18	43	894	1.001 ug/L	82
16) Methylene chloride	2.54	84	2644	1.030 ug/L	87
22) cis-1,2-Dichloroethene	3.96	96	9453	4.190 ug/L	85
25) Chloroform	4.42	83	7408	1.793 ug/L #	39
35) Trichloroethene	5.96	95	6622	2.946 ug/L	96
59) 1,2,3-Trichloropropane	11.30	75	11133	6.498 ug/L	97

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

Data File : VV009904.D

Acq On : 26 Mar 2019 19:54

Operator : SY/MD

Sample : K2083-18

Misc : 5.43G/10mL/MSVOA_V/SOIL

```
ALS Vial      : 1      Sample Multiplier: 1
```

Instrument :
MSVOA_V
ClientSampleId :
BF0J5

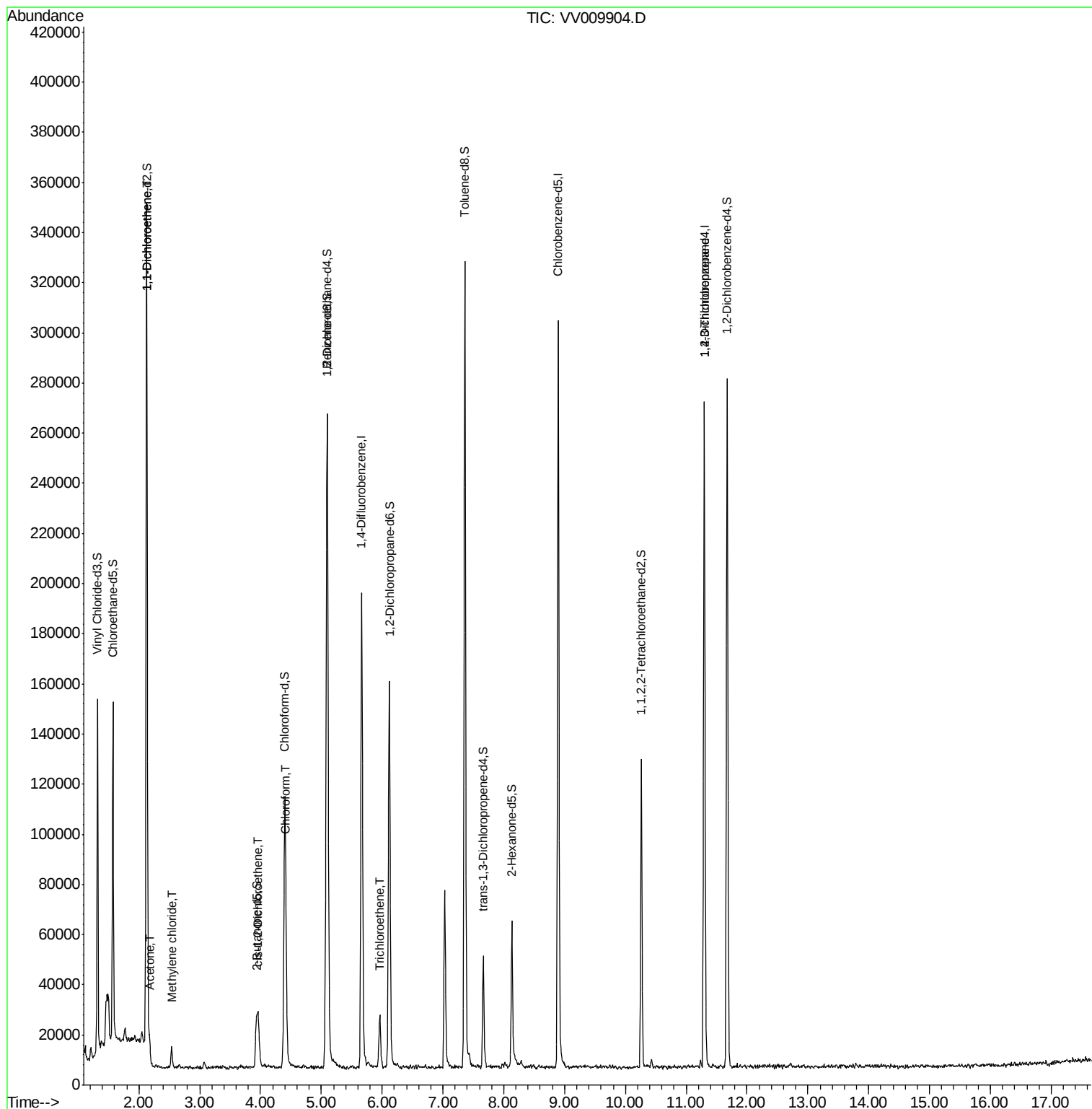
Quant Time: Mar 27 01:48:27 2019

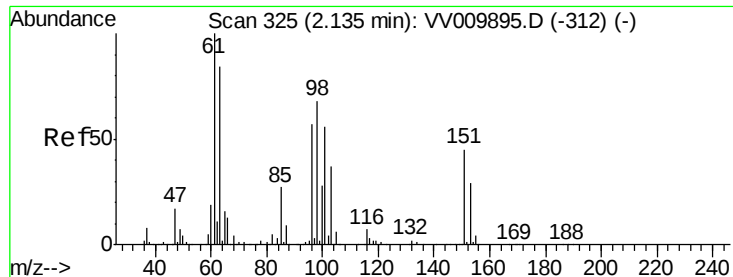
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\S0M2VLM032619S.M

Quant Title : VOC Analysis

QLast Update : Wed Mar 27 01:42:27 2019

Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.472 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV009904.D

Acq: 26 Mar 2019 19:54

Instrument :

MSVOA_V

ClientSampleId :

BF0J5

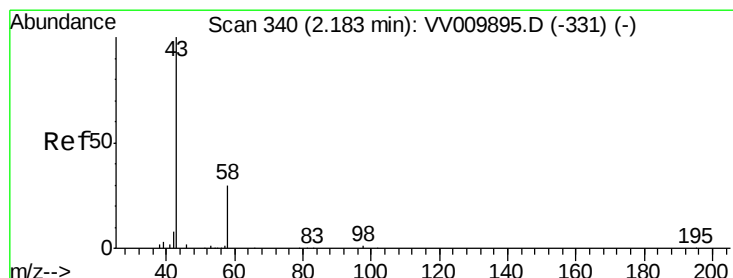
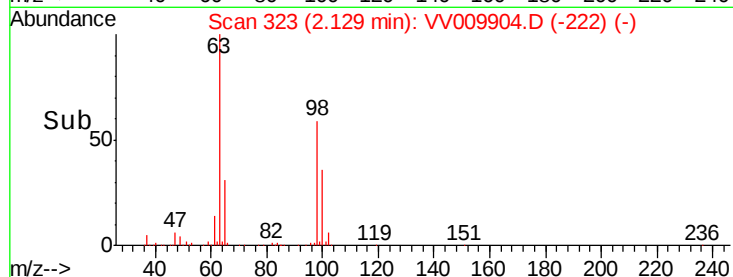
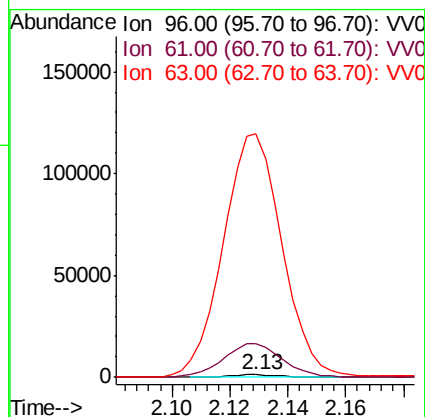
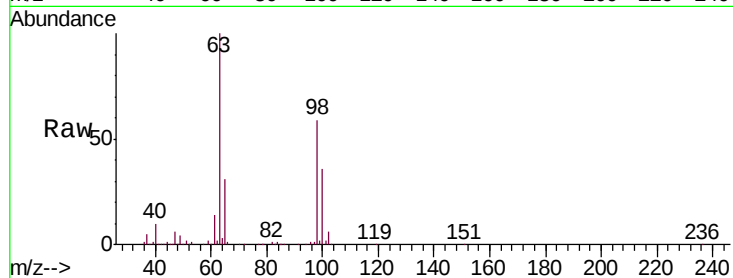
Tgt Ion: 96 Resp: 1801

Ion Ratio Lower Upper

96 100

61 1239.3 124.3 230.8#

63 8953.4 88.2 163.8#



#13

Acetone

Concen: 1.001 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.00 min

Lab File: VV009904.D

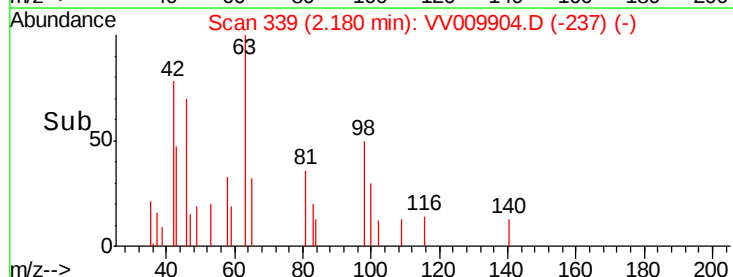
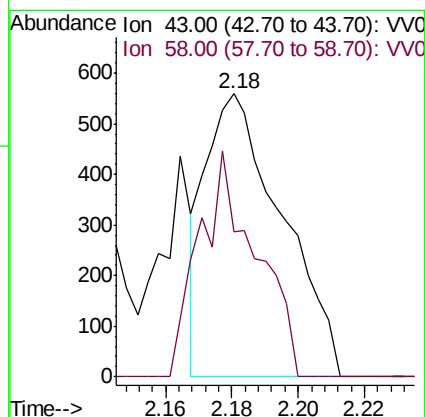
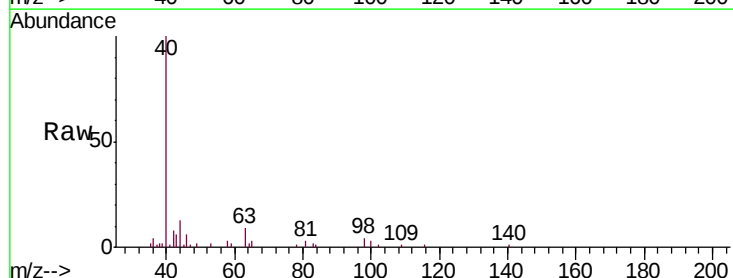
Acq: 26 Mar 2019 19:54

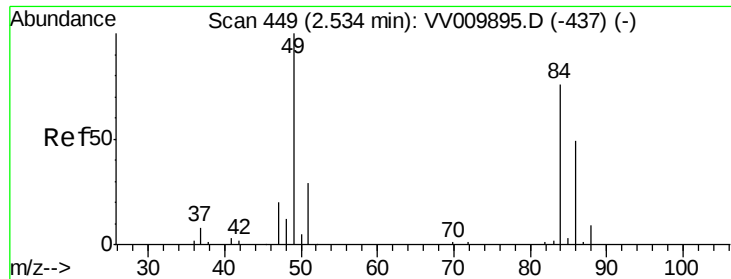
Tgt Ion: 43 Resp: 894

Ion Ratio Lower Upper

43 100

58 39.5 0.0 59.4

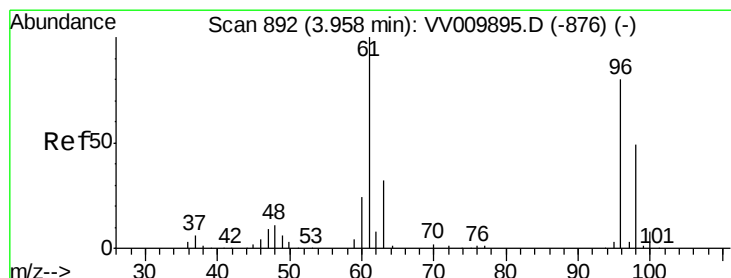
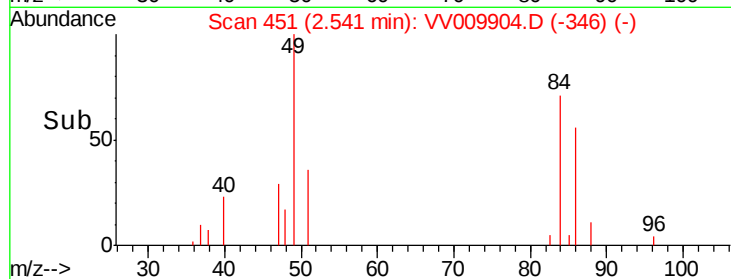
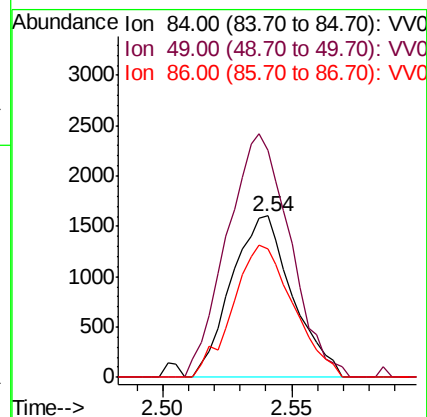
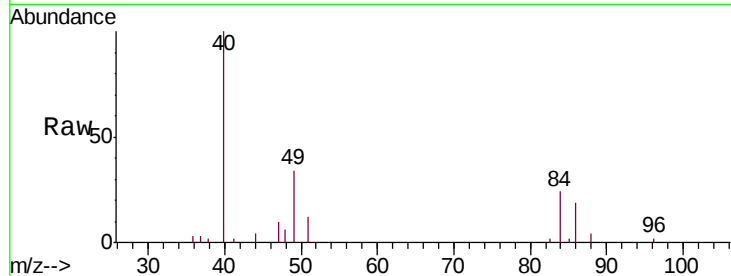




#16
Methylene chloride
Concen: 1.030 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.01 min
Lab File: VV009904.D
Acq: 26 Mar 2019 19:54

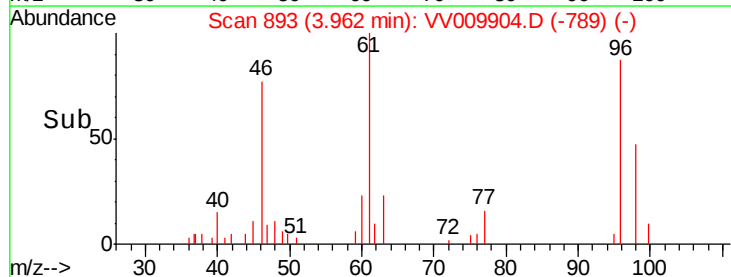
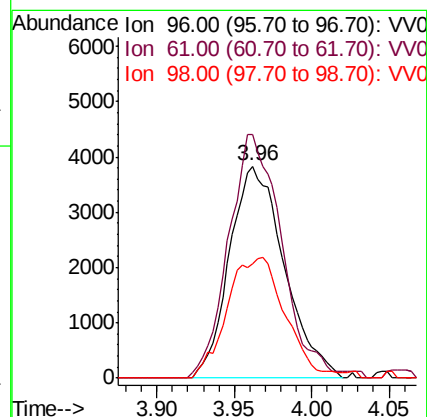
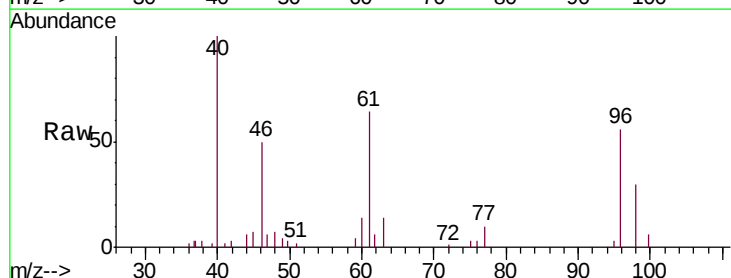
Instrument :
MSVOA_V
ClientSampled :
BF0J5

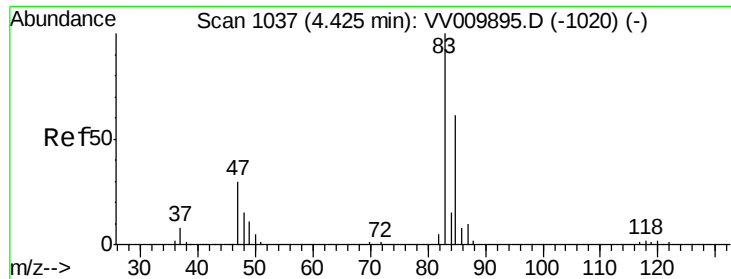
Tgt Ion: 84 Resp: 2644
Ion Ratio Lower Upper
84 100
49 140.3 90.4 167.8
86 79.2 44.0 81.6



#22
cis-1,2-Dichloroethene
Concen: 4.190 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV009904.D
Acq: 26 Mar 2019 19:54

Tgt Ion: 96 Resp: 9453
Ion Ratio Lower Upper
96 100
61 114.7 91.4 169.8
98 53.7 48.0 89.2

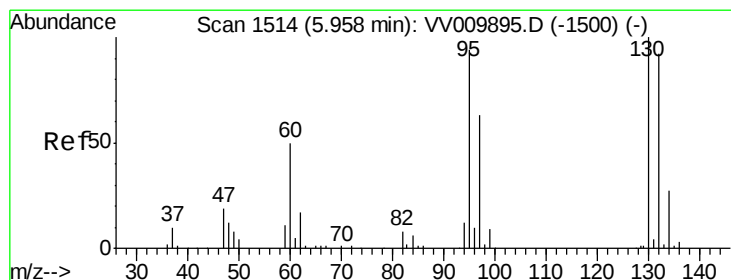
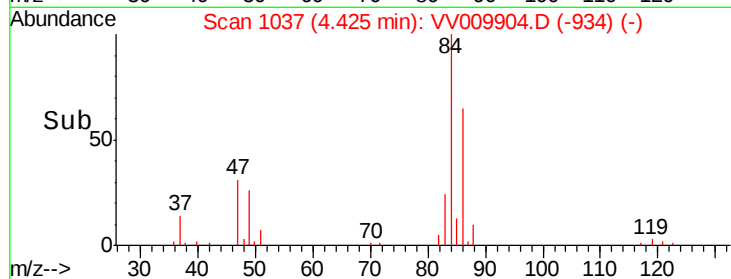
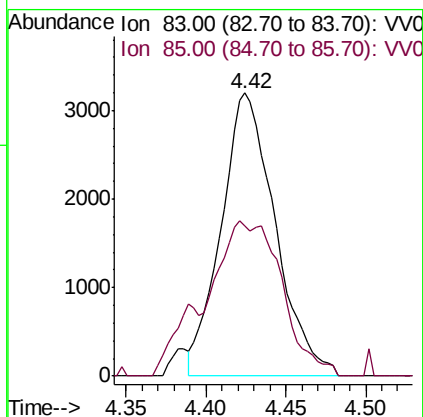
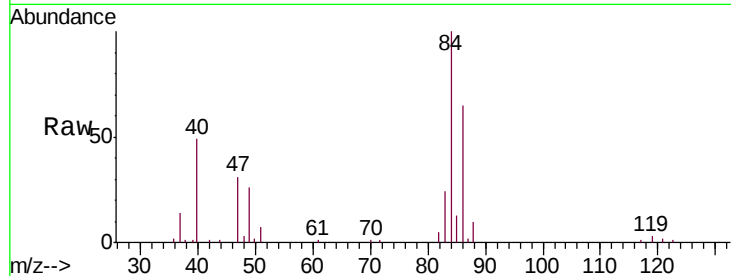




#25
Chloroform
Concen: 1.793 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV009904.D
Acq: 26 Mar 2019 19:54

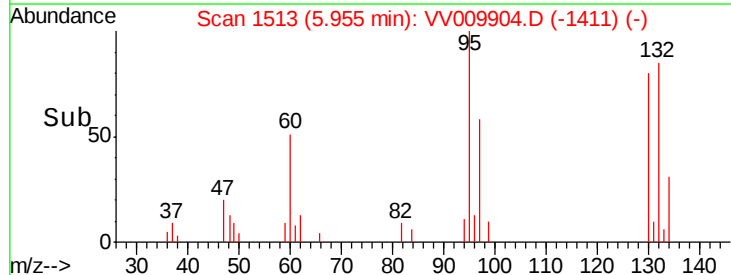
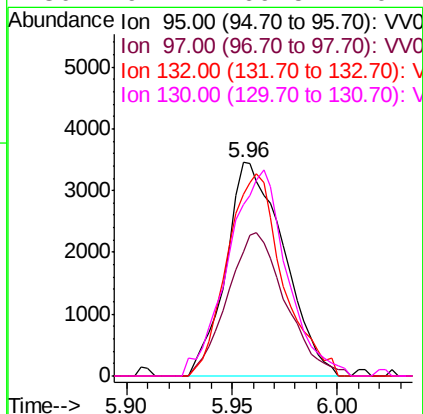
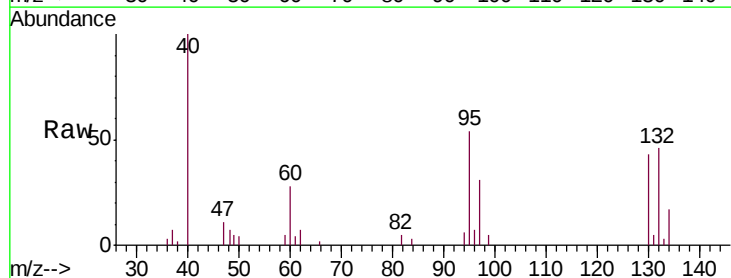
Instrument :
MSVOA_V
ClientSampleId :
BF0J5

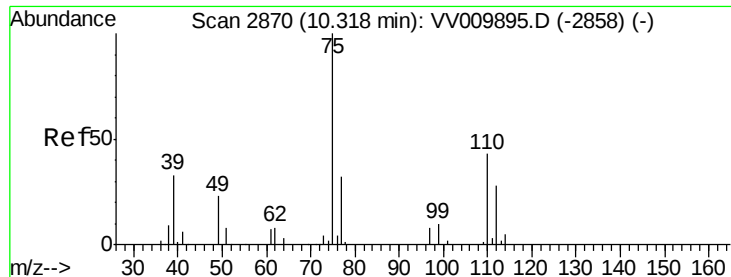
Tgt Ion: 83 Resp: 7408
Ion Ratio Lower Upper
83 100
85 17.3 46.1 85.7#



#35
Trichloroethene
Concen: 2.946 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV009904.D
Acq: 26 Mar 2019 19:54

Tgt Ion: 95 Resp: 6622
Ion Ratio Lower Upper
95 100
97 66.9 46.3 85.9
132 90.2 69.3 128.7
130 97.1 69.5 129.1





#59

1,2,3-Trichloropropane

Concen: 6.498 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009904.D

Acq: 26 Mar 2019 19:54

Instrument :

MSVOA_V

ClientSampleId :

BF0J5

Tgt Ion: 75 Resp: 11133

Ion Ratio Lower Upper

75 100

77 34.2 26.2 39.2

