

Data File : VV009101.D
Acq On : 20 Dec 2018 23:50
Operator : SY/MD
Sample : J6468-08
Misc : 3.30 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JG6RE

Quant Time: Dec 21 01:34:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 01:30:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	155561	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	83803	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	11953	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44190	27.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.80%
7) Chloroethane-d5	1.58	69	47550	39.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	159.92%#
10) 1,1-Dichloroethene-d2	2.13	63	83317	20.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.80%
20) 2-Butanone-d5	3.94	46	37744	64.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.80%
24) Chloroform-d	4.40	84	129670	34.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	138.68%
26) 1,2-Dichloroethane-d4	5.08	65	73457	35.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	143.96%#
29) Benzene-d6	5.10	84	214840	45.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	183.60%#
33) 1,2-Dichloropropane-d6	6.12	67	79409	60.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	242.40%#
37) Toluene-d8	7.36	98	153284	35.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	141.56%#
38) trans-1,3-Dichloropropene-	7.67	79	20217	35.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	140.48%#
39) 2-Hexanone-d5	8.14	63	16966	70.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	141.36%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	55498	50.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	201.96%#
61) 1,2-Dichlorobenzene-d4	11.68	152	13786	30.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	122.92%#

Target Compounds

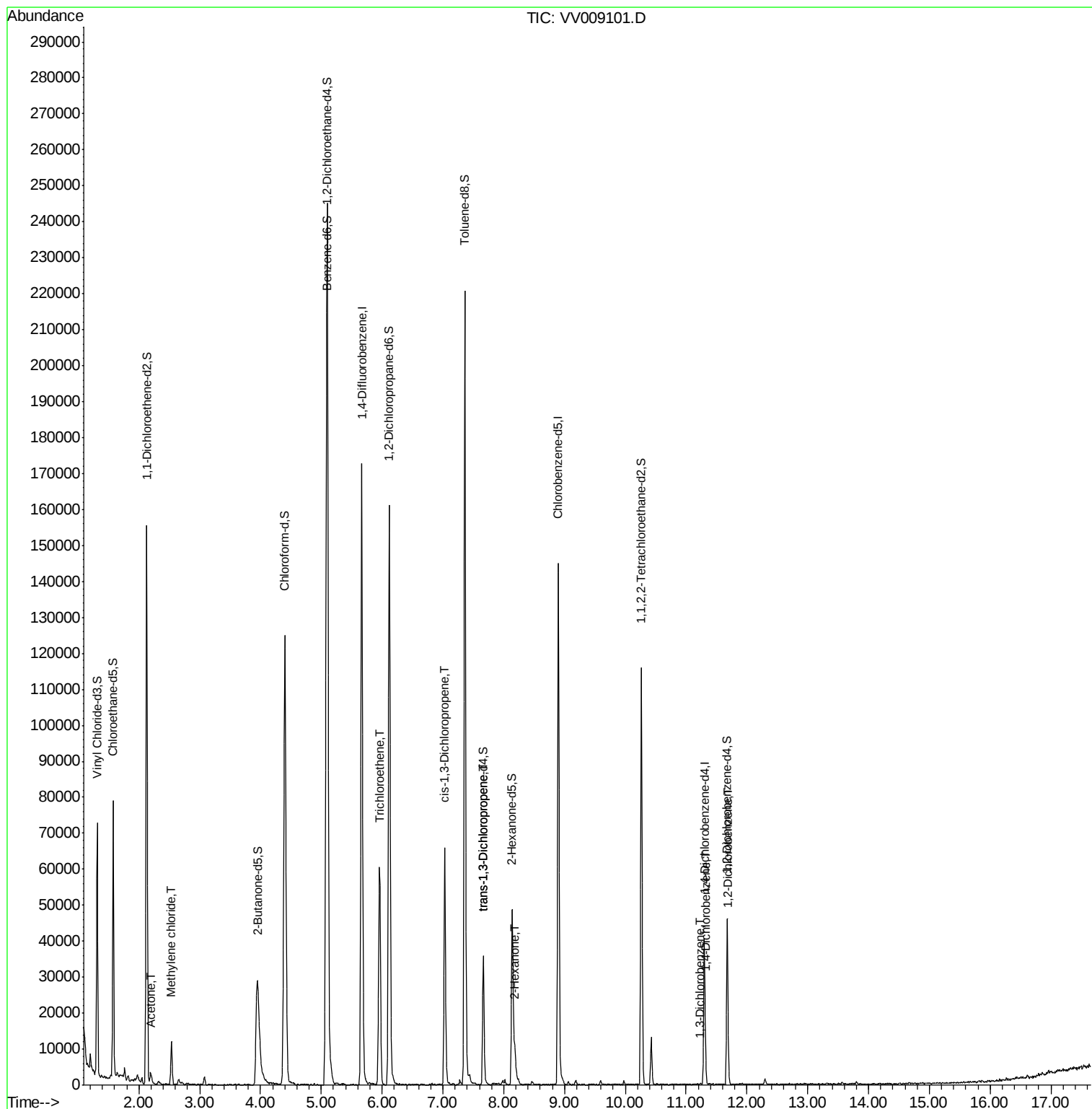
						Qvalue
13) Acetone	2.20	43	1565	1.812	ug/L	70
16) Methylene chloride	2.54	84	5385	2.056	ug/L	95
35) Trichloroethene	5.96	95	19088	12.610	ug/L	97
42) cis-1,3-Dichloropropene	7.03	75	1783	1.011	ug/L #	44
45) trans-1,3-Dichloropropene	7.67	75	962	0.626	ug/L	89
49) 2-Hexanone	8.19	43	4336	6.435	ug/L #	95
63) 1,3-Dichlorobenzene	11.23	146	283	0.367	ug/L #	46
64) 1,4-Dichlorobenzene	11.32	146	430	0.543	ug/L #	86
65) 1,2-Dichlorobenzene	11.69	146	392	0.552	ug/L #	65

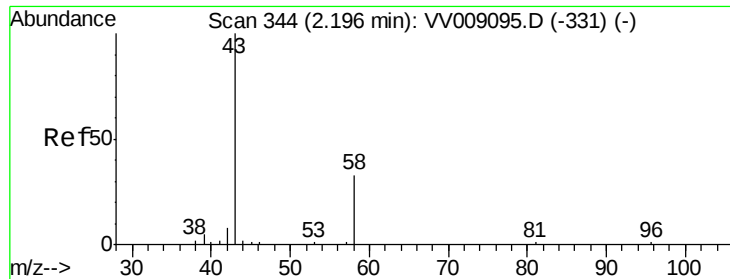
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV009101.D
Acq On : 20 Dec 2018 23:50
Operator : SY/MD
Sample : J6468-08
Misc : 3.30 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JG6RE

Quant Time: Dec 21 01:34:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 01:30:11 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.812 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV009101.D

Acq: 20 Dec 2018 23:50

Instrument :

MSVOA_V

ClientSampleId :

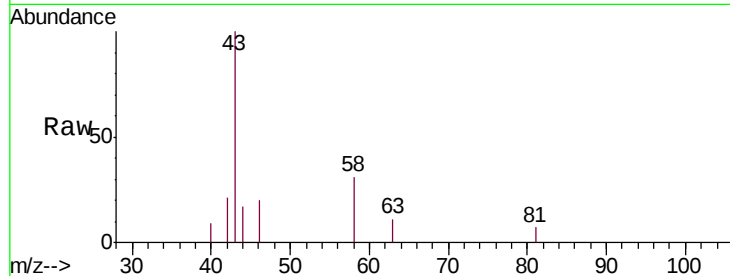
C0JG6RE

Tgt Ion: 43 Resp: 1565

Ion Ratio Lower Upper

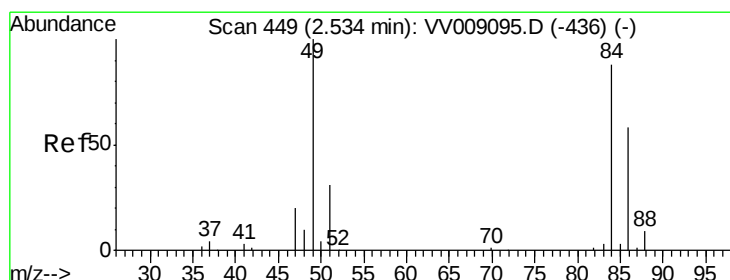
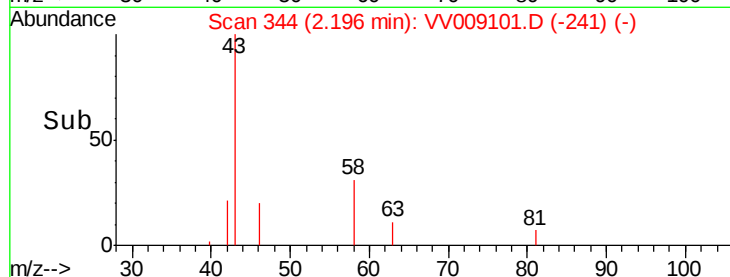
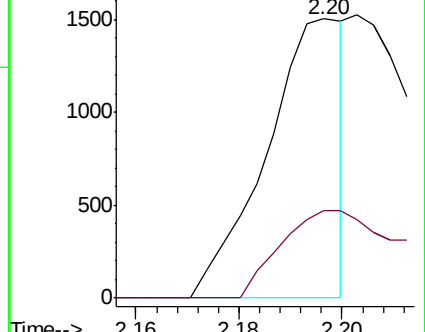
43 100

58 49.5 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VV009101.D (-241) (-)

Ion 58.00 (57.70 to 58.70): VV009101.D (-241) (-)



#16

Methylene chloride

Concen: 2.056 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009101.D

Acq: 20 Dec 2018 23:50

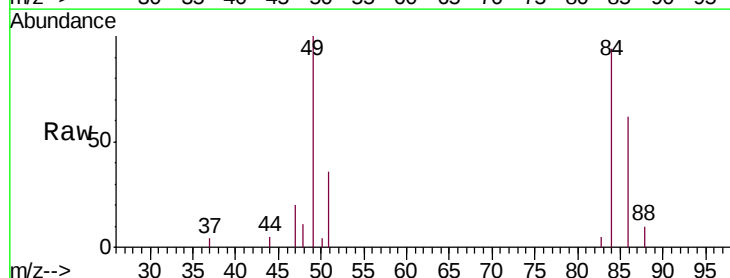
Tgt Ion: 84 Resp: 5385

Ion Ratio Lower Upper

84 100

49 106.9 80.5 149.5

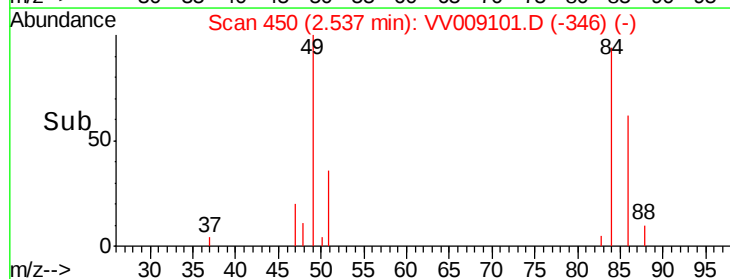
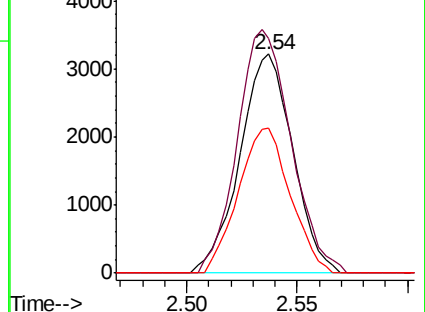
86 66.3 45.5 84.5

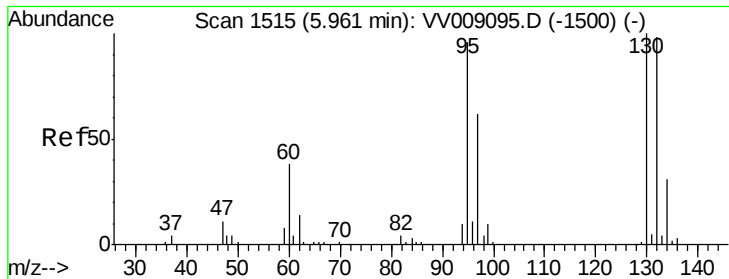


Abundance Ion 84.00 (83.70 to 84.70): VV009101.D (-346) (-)

Ion 49.00 (48.70 to 49.70): VV009101.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV009101.D (-346) (-)

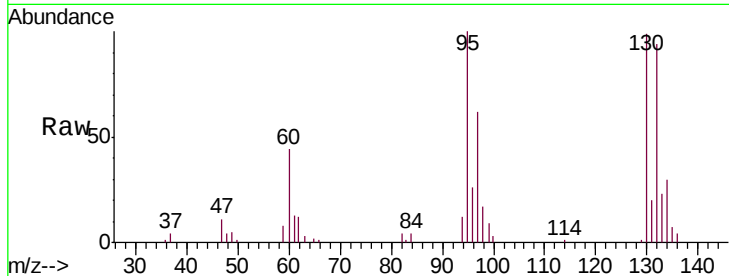




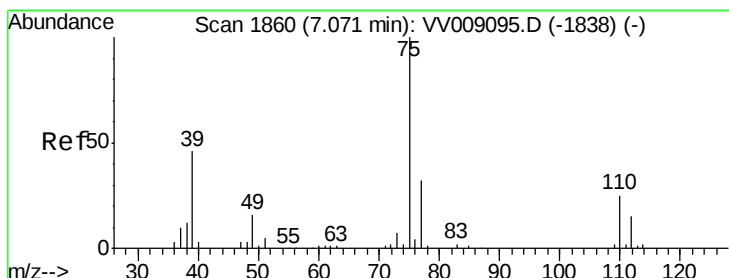
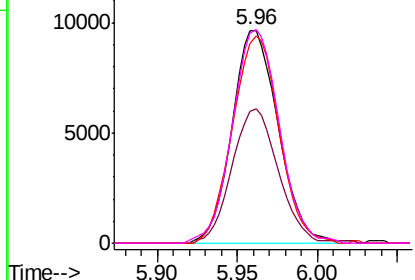
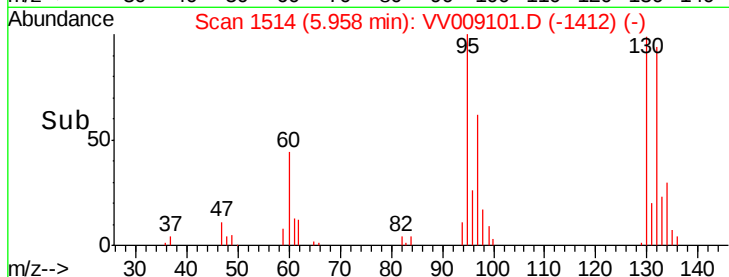
#35
 Trichloroethene
 Concen: 12.610 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: VV009101.D
 Acq: 20 Dec 2018 23:50

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JG6RE

Tgt Ion: 95 Resp: 19088
 Ion Ratio Lower Upper
 95 100
 97 63.1 45.3 84.1
 132 97.6 70.0 130.0
 130 101.7 73.4 136.4

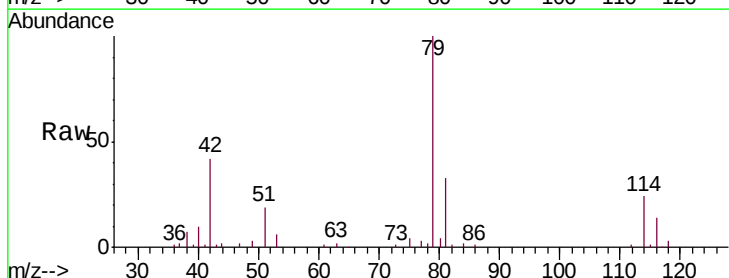


Abundance Ion 95.00 (94.70 to 95.70): VV0
 15000 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

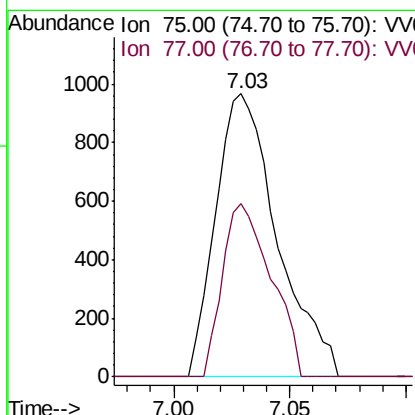
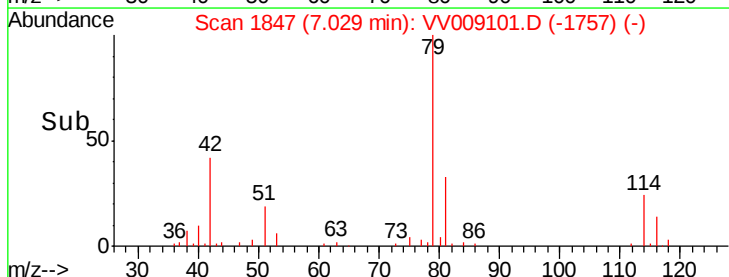


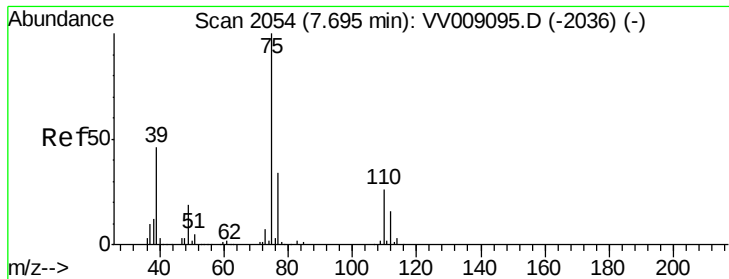
#42
 cis-1,3-Dichloropropene
 Concen: 1.011 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009101.D
 Acq: 20 Dec 2018 23:50

Tgt Ion: 75 Resp: 1783
 Ion Ratio Lower Upper
 75 100
 77 61.3 21.3 39.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0
 1000 Ion 77.00 (76.70 to 77.70): VV0





#45

trans-1,3-Dichloropropene

Concen: 0.626 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV009101.D

Acq: 20 Dec 2018 23:50

Instrument :

MSVOA_V

ClientSampleId :

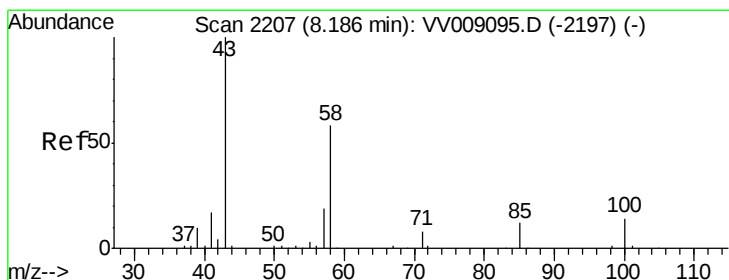
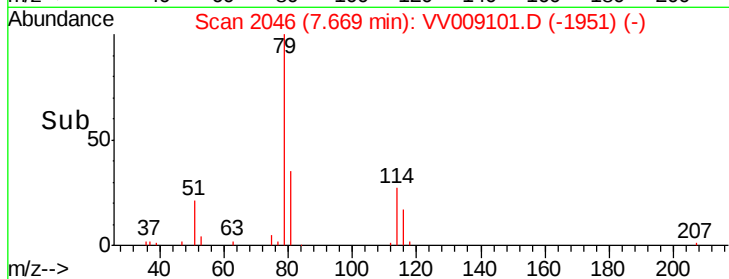
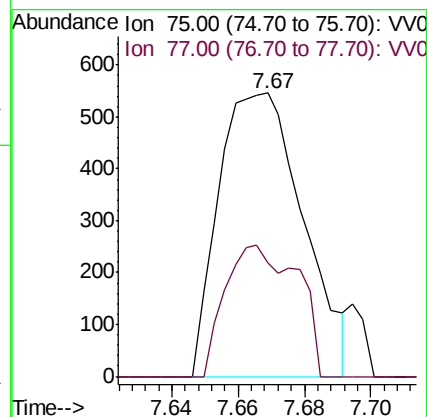
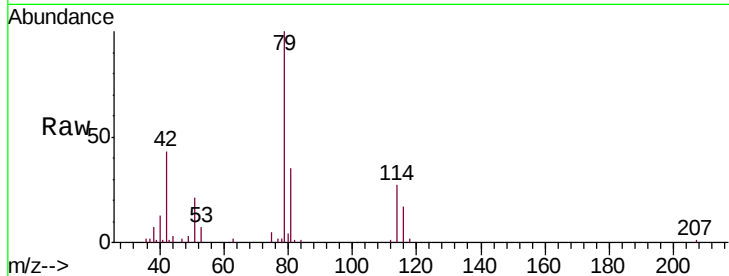
C0JG6RE

Tgt Ion: 75 Resp: 962

Ion Ratio Lower Upper

75 100

77 40.1 23.6 43.8



#49

2-Hexanone

Concen: 6.435 ug/L

RT: 8.19 min Scan# 2207

Delta R.T. 0.00 min

Lab File: VV009101.D

Acq: 20 Dec 2018 23:50

Tgt Ion: 43 Resp: 4336

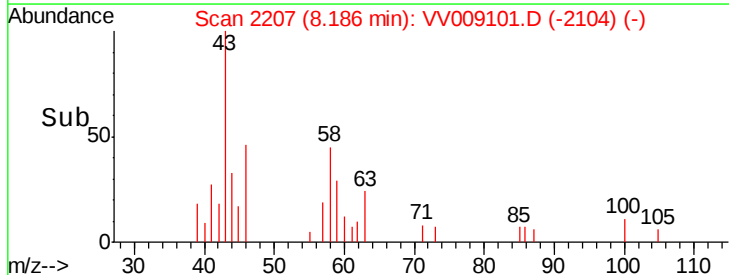
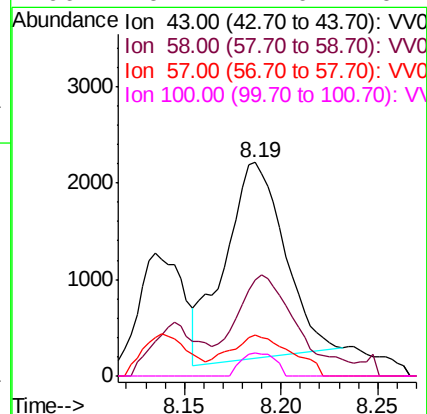
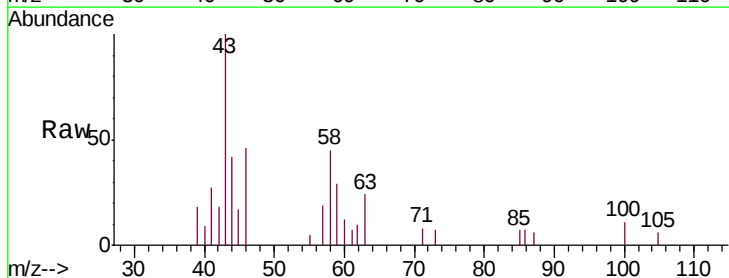
Ion Ratio Lower Upper

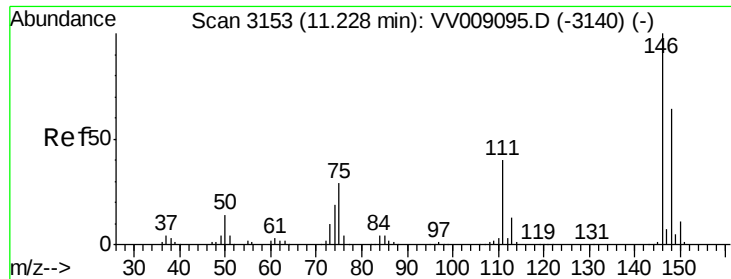
43 100

58 53.5 43.9 65.9

57 22.3 15.7 23.5

100 6.7 11.0 16.4#

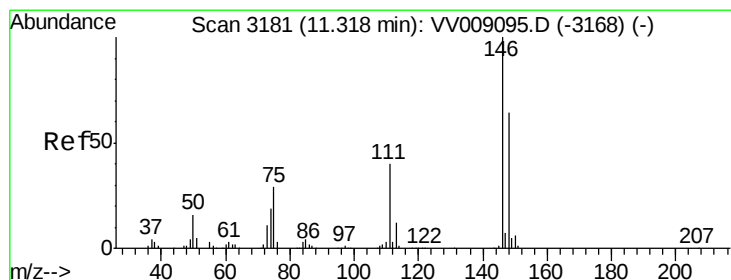
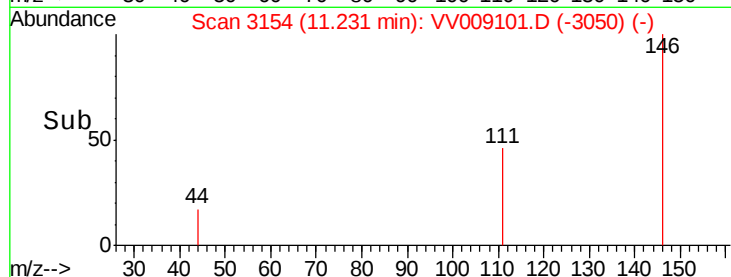
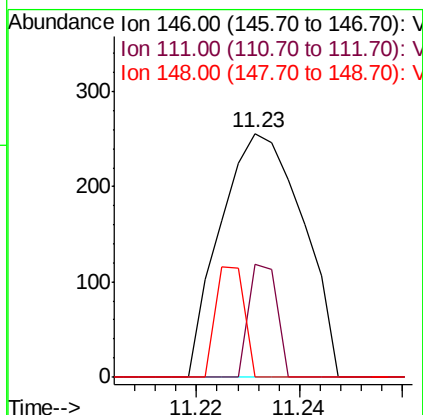
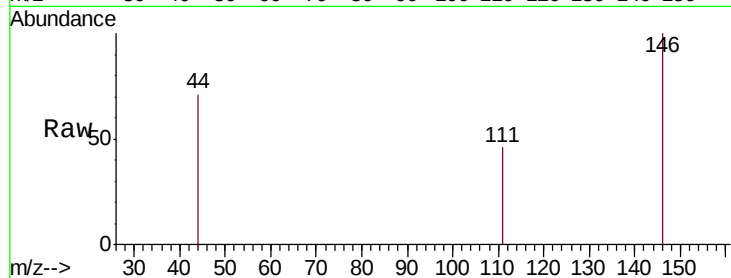




#63
 1,3-Dichlorobenzene
 Concen: 0.367 ug/L
 RT: 11.23 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: VV009101.D
 Acq: 20 Dec 2018 23:50

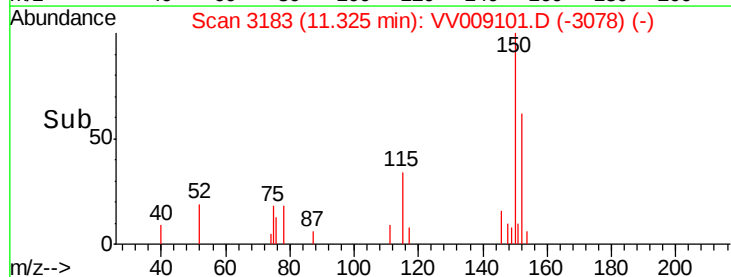
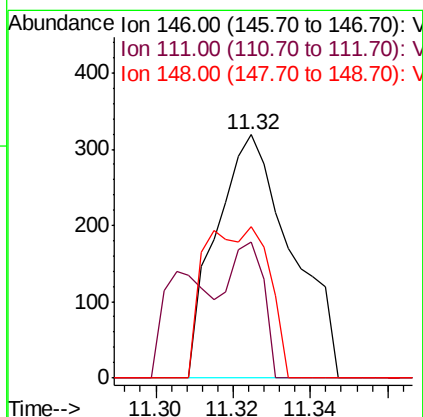
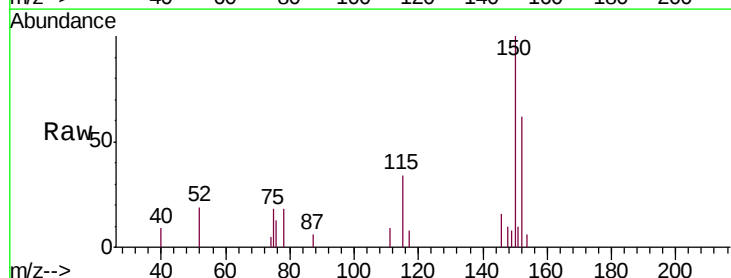
Instrument :
 MSVOA_V
 ClientSampleId :
 C0JG6RE

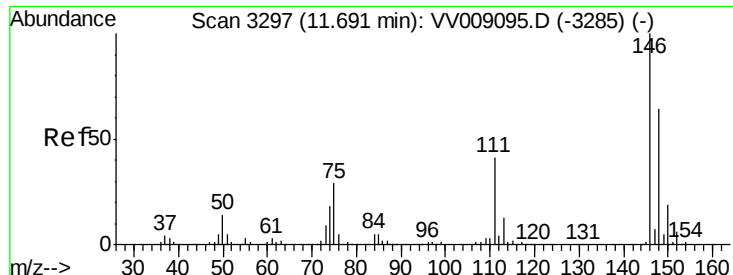
Tgt Ion:146 Resp: 283
 Ion Ratio Lower Upper
 146 100
 111 46.5 27.5 51.1
 148 0.0 44.0 81.8#



#64
 1,4-Dichlorobenzene
 Concen: 0.543 ug/L
 RT: 11.32 min Scan# 3183
 Delta R.T. 0.01 min
 Lab File: VV009101.D
 Acq: 20 Dec 2018 23:50

Tgt Ion:146 Resp: 430
 Ion Ratio Lower Upper
 146 100
 111 56.1 26.8 49.8#
 148 62.1 45.8 85.0





#65

1,2-Dichlorobenzene

Concen: 0.552 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VV009101.D

Acq: 20 Dec 2018 23:50

Instrument :

MSVOA_V

ClientSampleId :

C0JG6RE

Tgt Ion:146 Resp: 392

Ion Ratio Lower Upper

146 100

111 68.9 34.2 51.4#

148 39.3 51.0 76.6#

