

Data File : VV009900.D
Acq On : 26 Mar 2019 18:10
Operator : SY/MD
Sample : K2083-14
Misc : 5.55G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0J1

Quant Time: Mar 27 01:47:38 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	155326	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	153539	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63196	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79657	25.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.08%
7) Chloroethane-d5	1.58	69	84128	24.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.84%
10) 1,1-Dichloroethene-d2	2.13	63	171274	19.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.44%
20) 2-Butanone-d5	3.93	46	26131	44.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.98%
24) Chloroform-d	4.40	84	95286	24.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.32%
26) 1,2-Dichloroethane-d4	5.08	65	61115	25.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.64%
29) Benzene-d6	5.10	84	217087	26.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.68%
33) 1,2-Dichloropropane-d6	6.12	67	67586	28.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.60%
37) Toluene-d8	7.36	98	198599	26.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.08%
38) trans-1,3-Dichloropropene-	7.66	79	21744	22.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.12%
39) 2-Hexanone-d5	8.13	63	18554	42.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.28%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50921	21.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.20%
61) 1,2-Dichlorobenzene-d4	11.68	152	62243	25.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.48%

Target Compounds

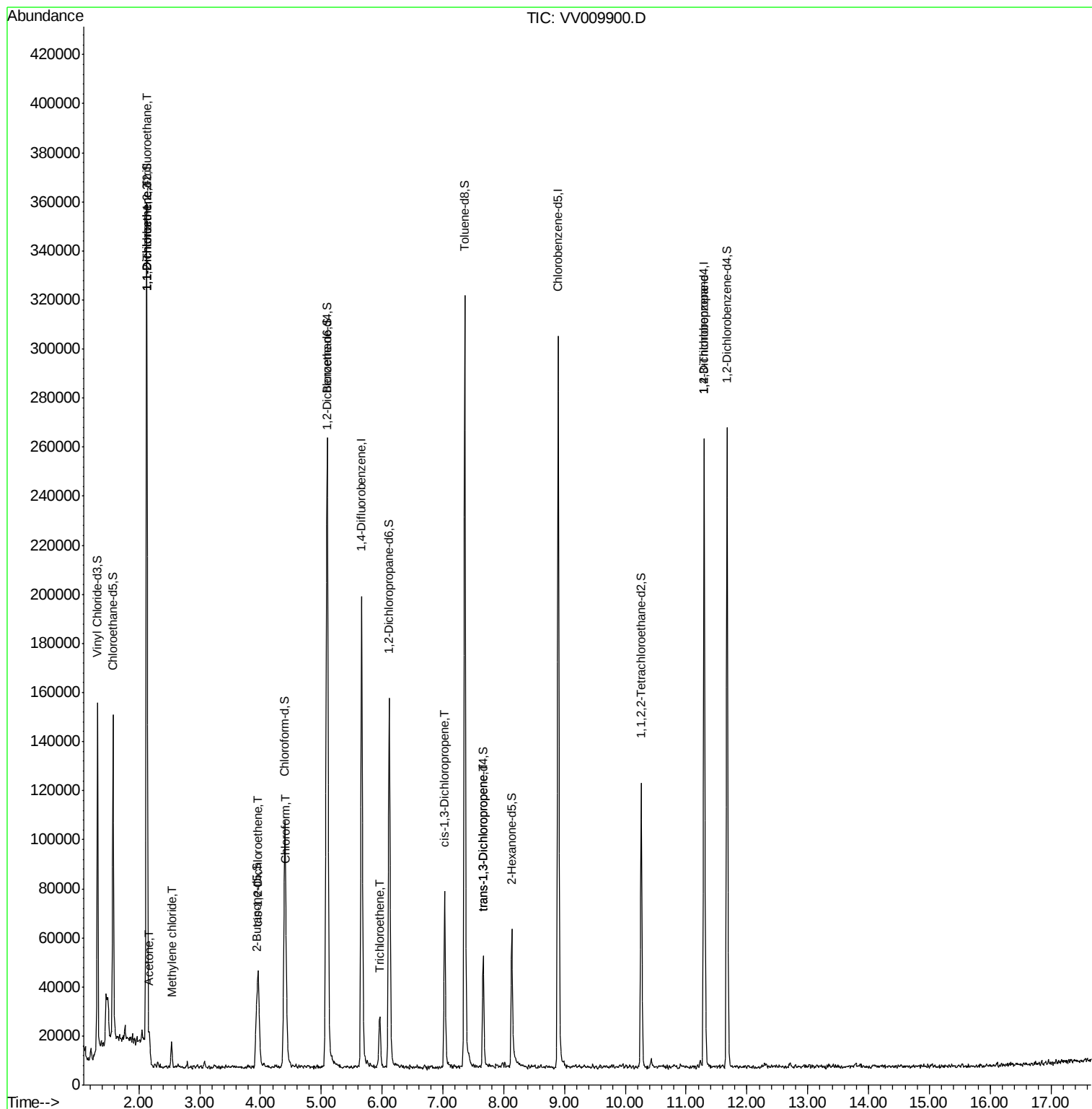
					Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3019	0.674 ug/L #	60
12) 1,1-Dichloroethene	2.13	96	1700	0.447 ug/L #	1
13) Acetone	2.18	43	1084	1.219 ug/L	84
16) Methylene chloride	2.54	84	3675	1.437 ug/L	91
22) cis-1,2-Dichloroethene	3.96	96	18015	8.017 ug/L	95
25) Chloroform	4.43	83	6194	1.505 ug/L #	43
35) Trichloroethene	5.96	95	6362	2.861 ug/L	97
42) cis-1,3-Dichloropropene	7.03	75	2074	0.675 ug/L #	77
45) trans-1,3-Dichloropropene	7.66	75	1699	0.676 ug/L	87
59) 1,2,3-Trichloropropane	11.30	75	10047	5.927 ug/L	98

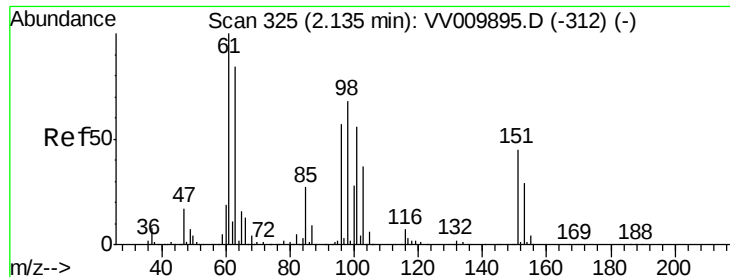
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV009900.D
Acq On : 26 Mar 2019 18:10
Operator : SY/MD
Sample : K2083-14
Misc : 5.55G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0J1

Quant Time: Mar 27 01:47:38 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





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.674 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV009900.D

Acq: 26 Mar 2019 18:10

Instrument :

MSVOA_V

ClientSampleId :

BF0J1

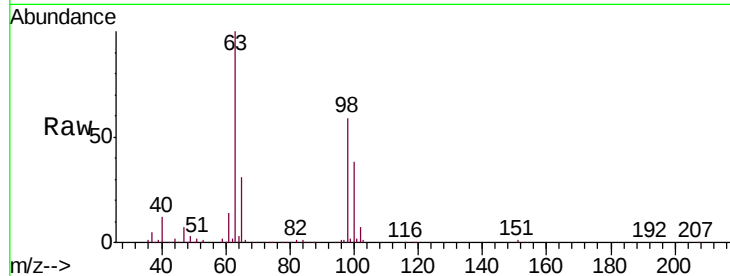
Tgt Ion:101 Resp: 3019

Ion Ratio Lower Upper

101 100

85 23.9 36.9 55.3#

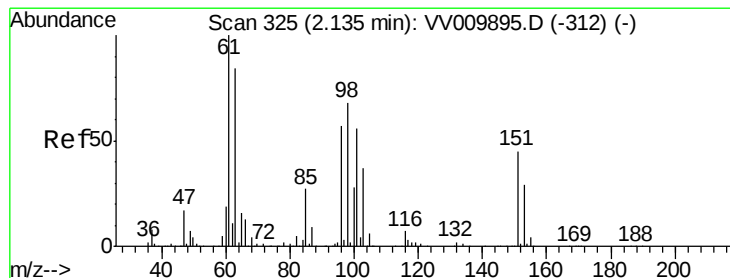
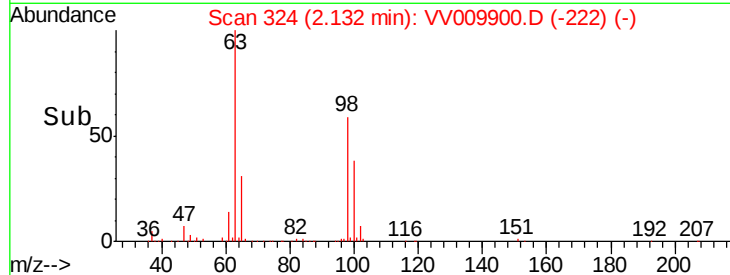
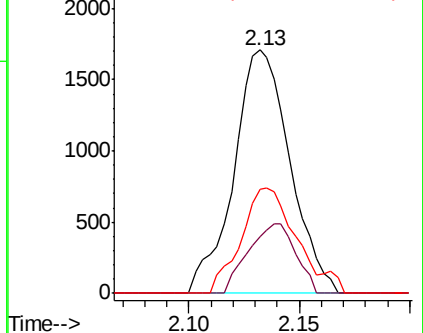
151 40.3 63.6 95.4#



Abundance Ion 101.00 (100.70 to 101.70): VV009895.D (-312) (-)

Ion 85.00 (84.70 to 85.70): VV009895.D (-312) (-)

Ion 151.00 (150.70 to 151.70): VV009895.D (-312) (-)



#12

1,1-Dichloroethene

Concen: 0.447 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV009900.D

Acq: 26 Mar 2019 18:10

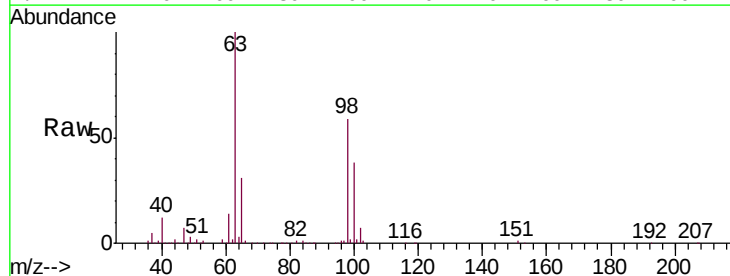
Tgt Ion: 96 Resp: 1700

Ion Ratio Lower Upper

96 100

61 1375.8 124.3 230.8#

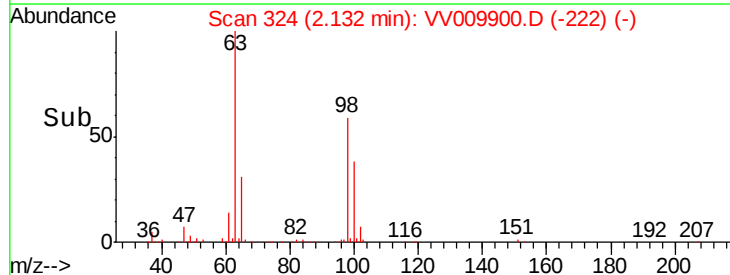
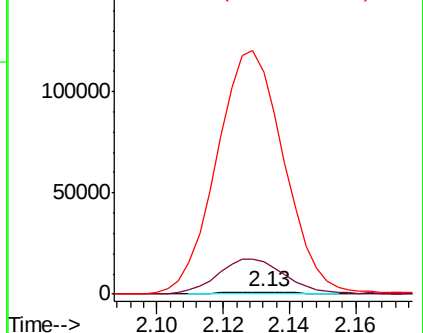
63 9583.2 88.2 163.8#

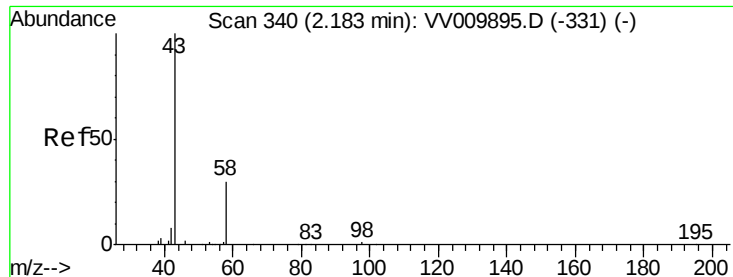


Abundance Ion 96.00 (95.70 to 96.70): VV009895.D (-312) (-)

Ion 61.00 (60.70 to 61.70): VV009895.D (-312) (-)

Ion 63.00 (62.70 to 63.70): VV009895.D (-312) (-)





#13

Acetone

Concen: 1.219 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.00 min

Lab File: VV009900.D

Acq: 26 Mar 2019 18:10

Instrument :

MSVOA_V

ClientSampled :

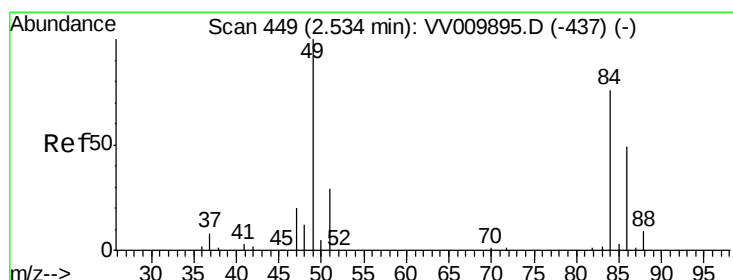
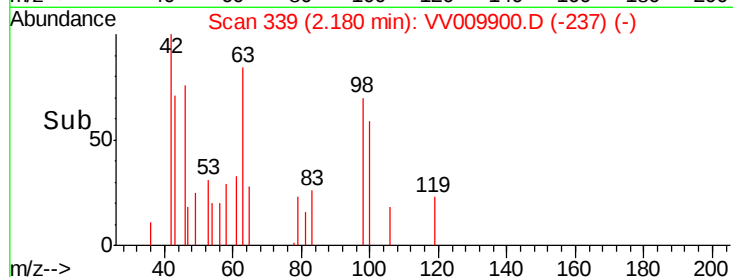
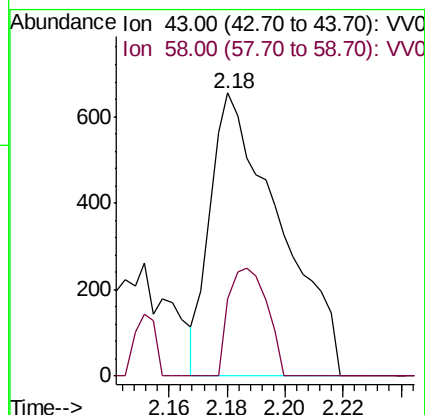
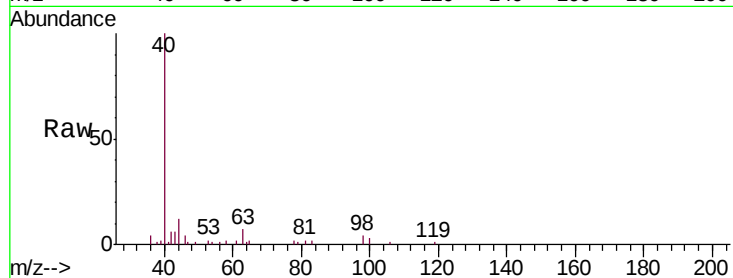
BF0J1

Tgt Ion: 43 Resp: 1084

Ion Ratio Lower Upper

43 100

58 20.9 0.0 59.4



#16

Methylene chloride

Concen: 1.437 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009900.D

Acq: 26 Mar 2019 18:10

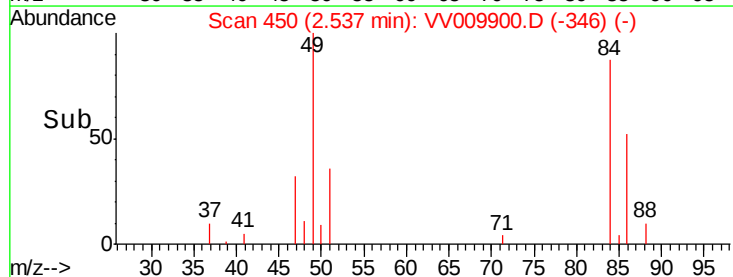
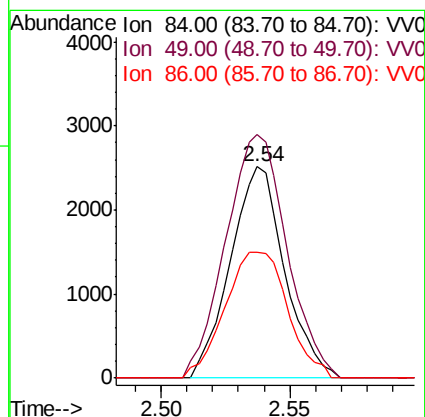
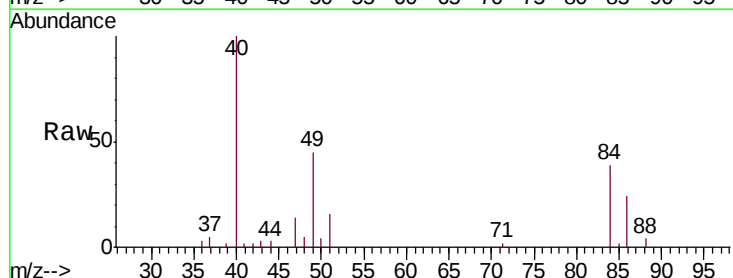
Tgt Ion: 84 Resp: 3675

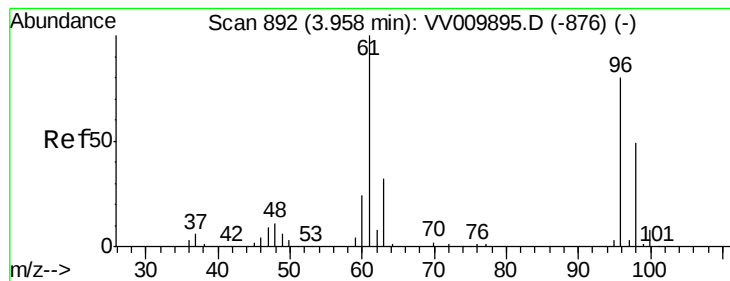
Ion Ratio Lower Upper

84 100

49 115.1 90.4 167.8

86 59.8 44.0 81.6



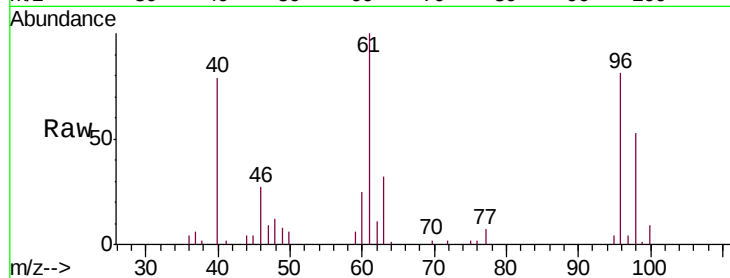


#22

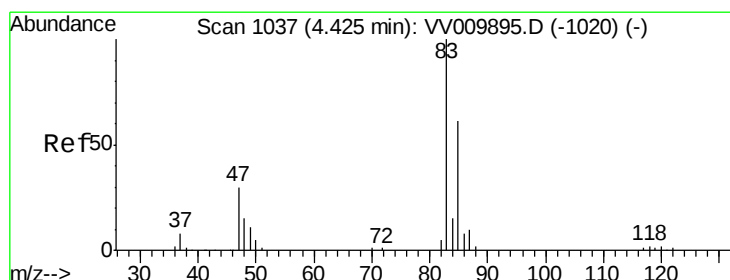
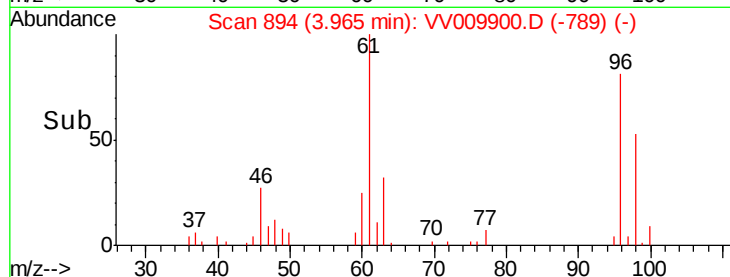
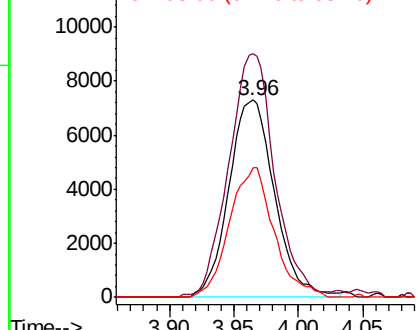
cis-1,2-Dichloroethene
 Concen: 8.017 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. 0.01 min
 Lab File: VV009900.D
 Acq: 26 Mar 2019 18:10

Instrument :
 MSVOA_V
 ClientSampled :
 BF0J1

Tgt Ion: 96 Resp: 18015
 Ion Ratio Lower Upper
 96 100
 61 123.5 91.4 169.8
 98 65.5 48.0 89.2



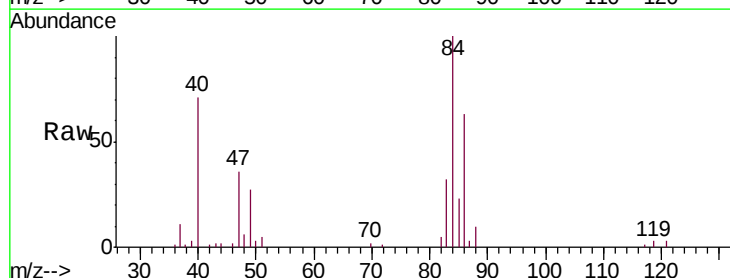
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 98.00 (97.70 to 98.70): VV0



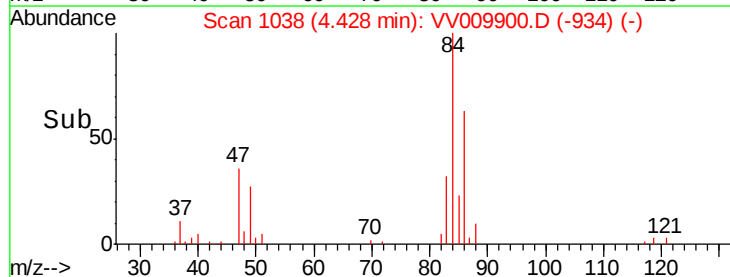
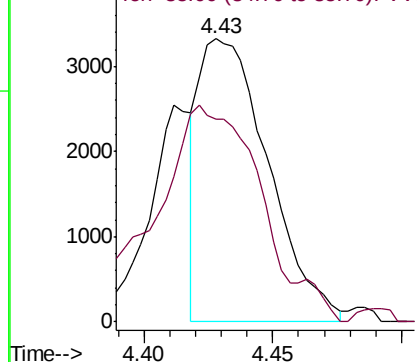
#25

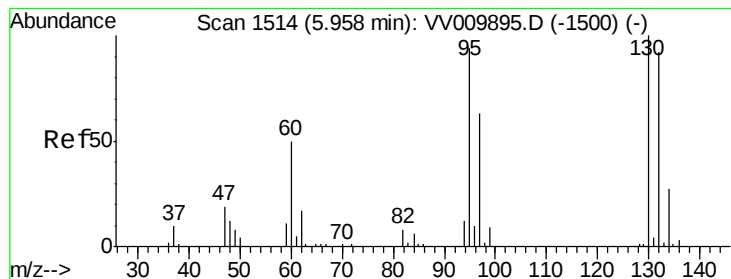
Chloroform
 Concen: 1.505 ug/L
 RT: 4.43 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: VV009900.D
 Acq: 26 Mar 2019 18:10

Tgt Ion: 83 Resp: 6194
 Ion Ratio Lower Upper
 83 100
 85 111.2 46.1 85.7#



Abundance Ion 83.00 (82.70 to 83.70): VV0
 Ion 85.00 (84.70 to 85.70): VV0





#35

Trichloroethene

Concen: 2.861 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.01 min

Lab File: VV009900.D

Acq: 26 Mar 2019 18:10

Instrument :

MSVOA_V

ClientSampleId :

BF0J1

Tgt Ion: 95 Resp: 6362

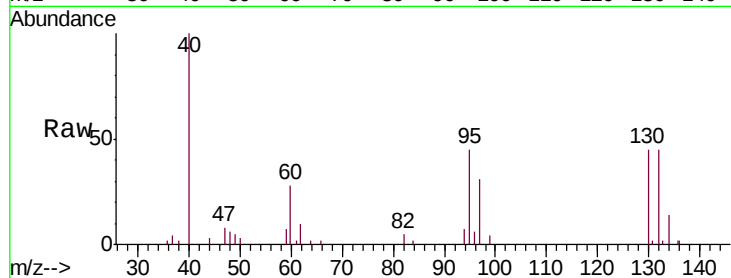
Ion Ratio Lower Upper

95 100

97 65.2 46.3 85.9

132 101.0 69.3 128.7

130 105.6 69.5 129.1

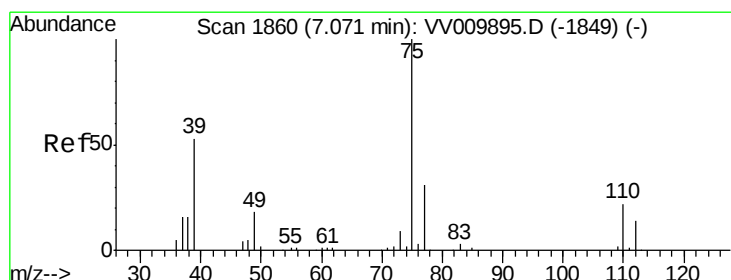
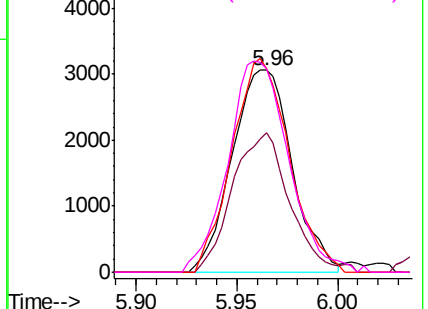
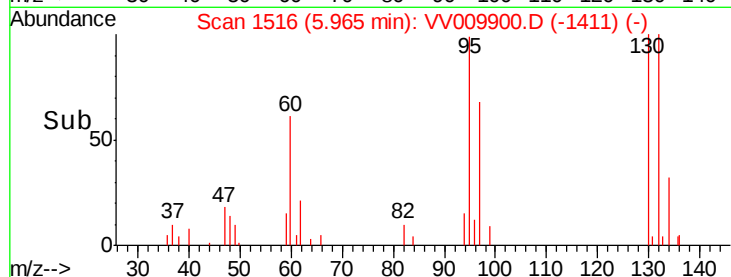


Abundance Ion 95.00 (94.70 to 95.70): VV009895.D (-1500) (-)

Ion 97.00 (96.70 to 97.70): VV009895.D (-1500) (-)

Ion 132.00 (131.70 to 132.70): VV009895.D (-1500) (-)

Ion 130.00 (129.70 to 130.70): VV009895.D (-1500) (-)



#42

cis-1,3-Dichloropropene

Concen: 0.675 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV009900.D

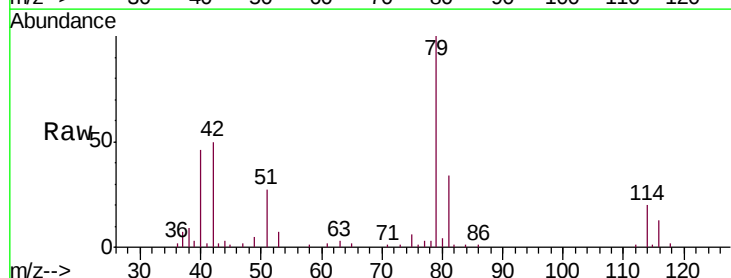
Acq: 26 Mar 2019 18:10

Tgt Ion: 75 Resp: 2074

Ion Ratio Lower Upper

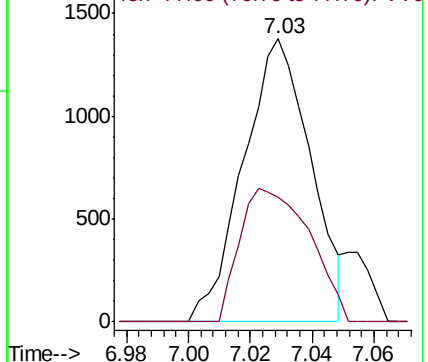
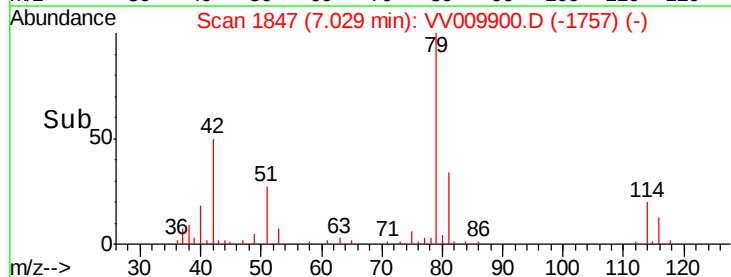
75 100

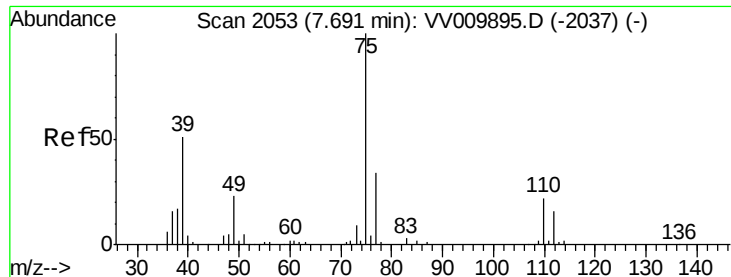
77 43.9 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VV009895.D (-1849) (-)

Ion 77.00 (76.70 to 77.70): VV009895.D (-1849) (-)





#45

trans-1,3-Dichloropropene

Concen: 0.676 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV009900.D

Acq: 26 Mar 2019 18:10

Instrument :

MSVOA_V

ClientSampled :

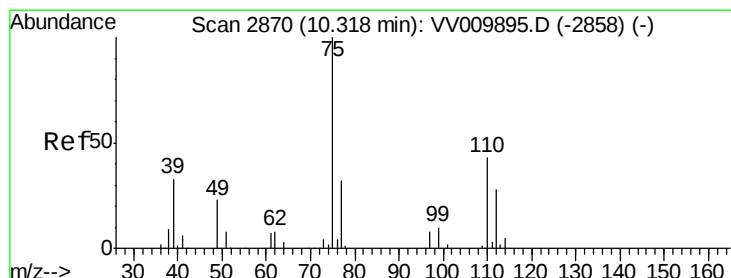
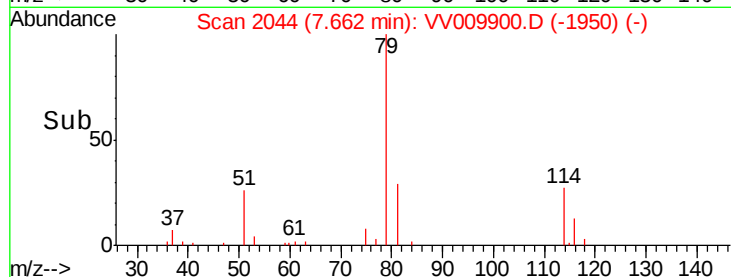
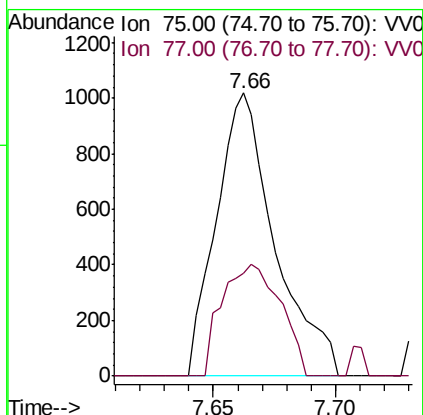
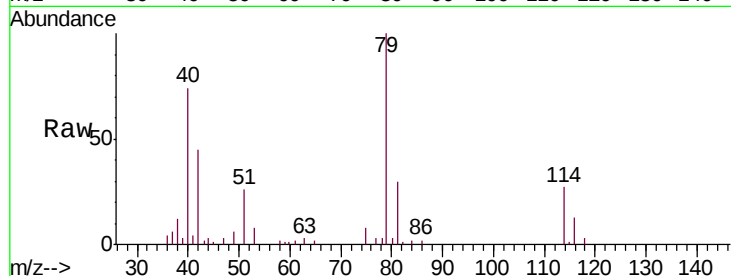
BF0J1

Tgt Ion: 75 Resp: 1699

Ion Ratio Lower Upper

75 100

77 36.5 20.7 38.5



#59

1,2,3-Trichloropropane

Concen: 5.927 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009900.D

Acq: 26 Mar 2019 18:10

Tgt Ion: 75 Resp: 10047

Ion Ratio Lower Upper

75 100

77 31.7 26.2 39.2

