

Data File : VV011296.D
Acq On : 07 Jun 2019 19:02
Operator : SY/MD
Sample : K3226-07RE
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCS2

Quant Time: Jun 08 00:44:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 08 00:40:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	153170	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	142092	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	55380	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47789	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.55	69	41621	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.12	63	77072	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	3.94	46	127978	48.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.96%
24) Chloroform-d	4.40	84	93542	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.08	65	54259	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.09	84	188740	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.12	67	59149	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.36	98	168025	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.66	79	17671	3.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.80%
46) 2-Hexanone-d5	8.13	63	101718	48.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.48%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39994	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	53872	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

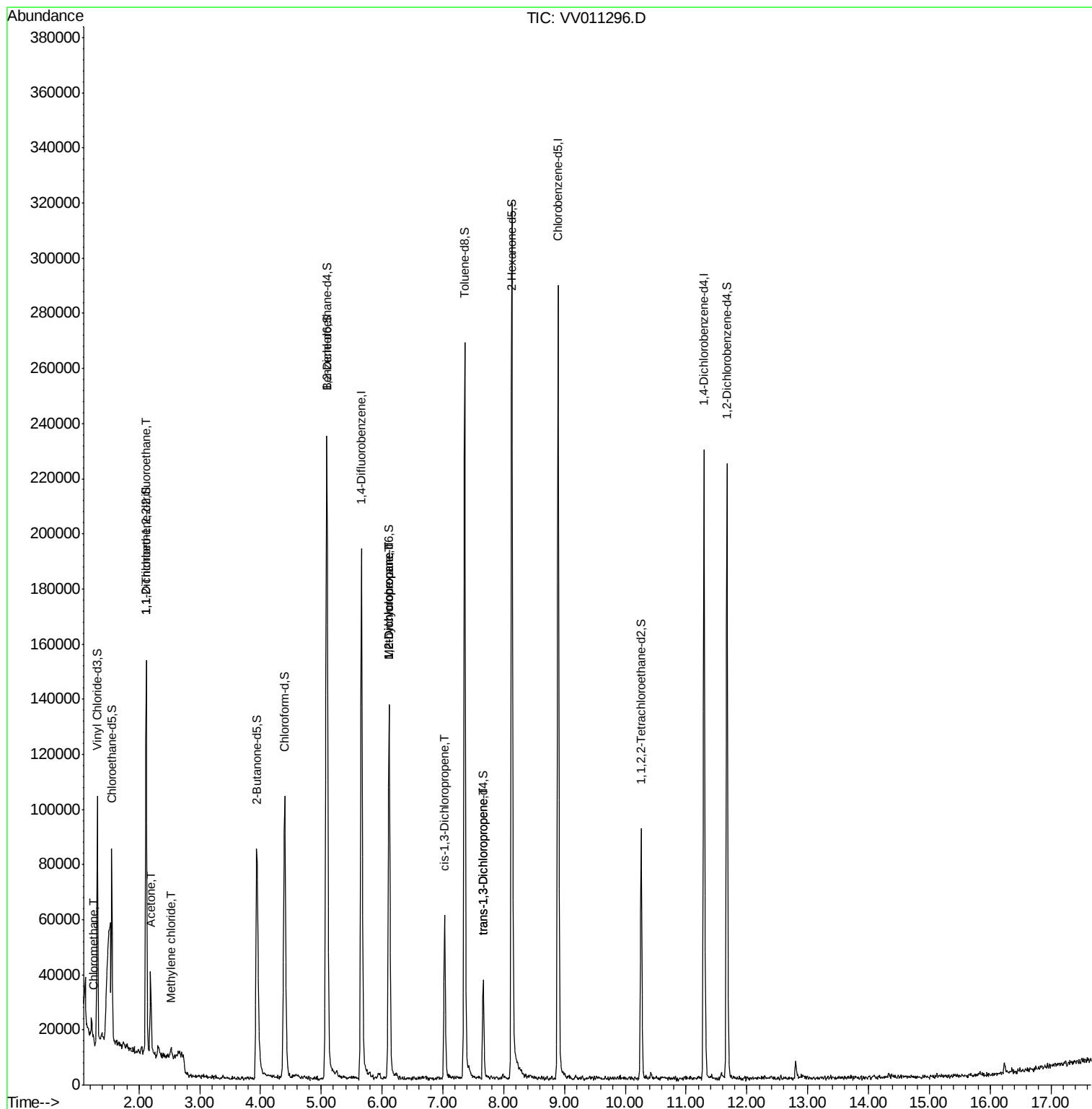
					Qvalue	
3) Chloromethane	1.25	50	1785	0.122	ug/L #	81
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	872	0.088	ug/L #	28
13) Acetone	2.19	43	2855	1.630	ug/L	86
16) Methylene chloride	2.52	84	1335	0.134	ug/L	83
35) Methylcyclohexane	6.11	83	13468	0.697	ug/L #	16
37) 1,2-Dichloropropane	6.11	63	7813	0.694	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1584	0.096	ug/L #	80
44) trans-1,3-Dichloropropene	7.66	75	1105	0.088	ug/L	98

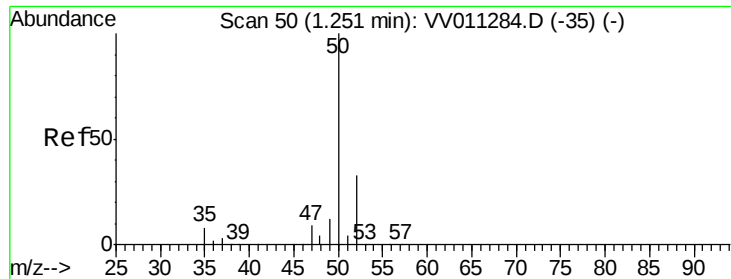
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.122 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV011296.D

Acq: 07 Jun 2019 19:02

Instrument :

MSVOA_V

ClientSampleId :

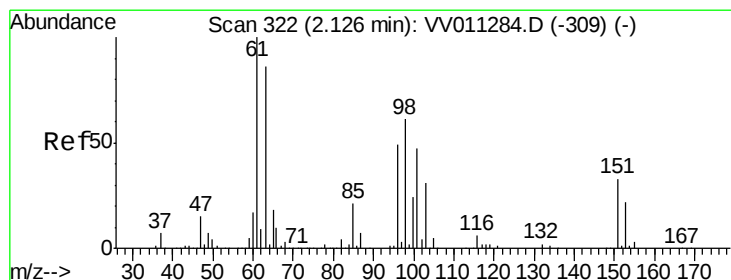
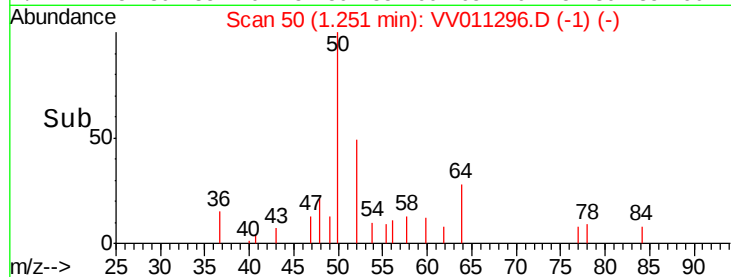
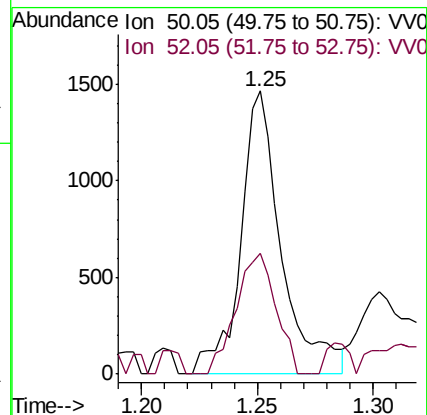
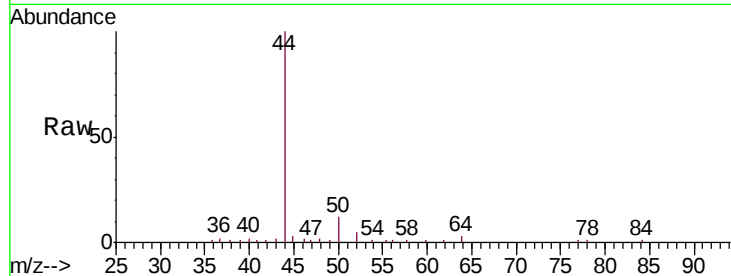
BFCS2

Tgt Ion: 50 Resp: 1785

Ion Ratio Lower Upper

50 100

52 42.7 22.3 41.5#



#10

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

Concen: 0.088 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV011296.D

Acq: 07 Jun 2019 19:02

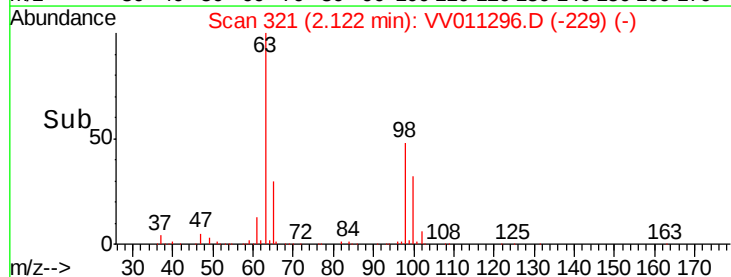
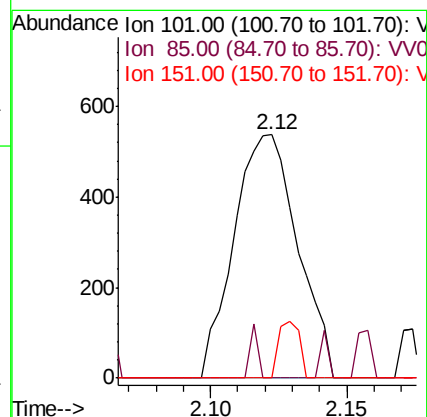
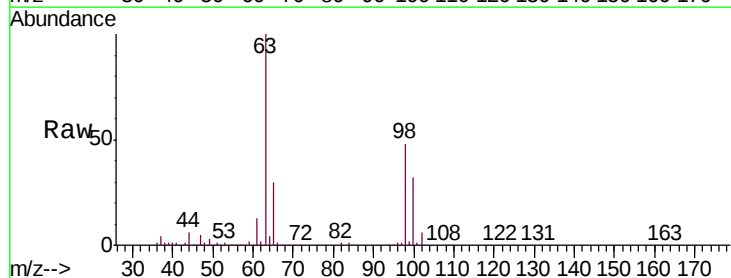
Tgt Ion: 101 Resp: 872

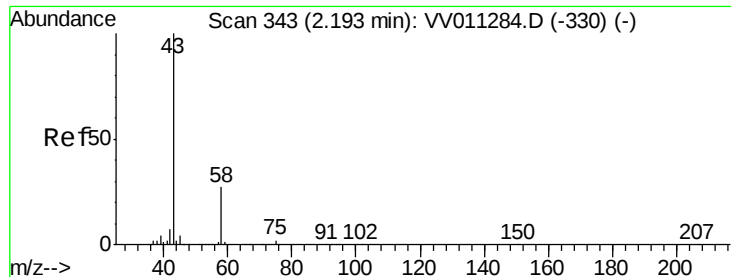
Ion Ratio Lower Upper

101 100

85 2.6 35.5 53.3#

151 7.7 56.9 85.3#





#13

Acetone

Concen: 1.630 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV011296.D

Acq: 07 Jun 2019 19:02

Instrument :

MSVOA_V

ClientSampleId :

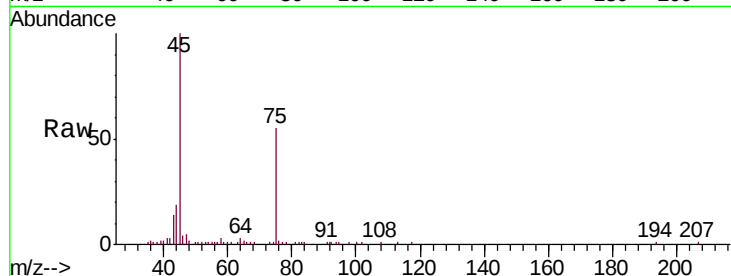
BFCS2

Tgt Ion: 43 Resp: 2855

Ion Ratio Lower Upper

43 100

58 20.5 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV011284.D (-330) (-)

Ion 58.05 (57.75 to 58.75): VV011284.D (-330) (-)

2.19

2500

2000

1500

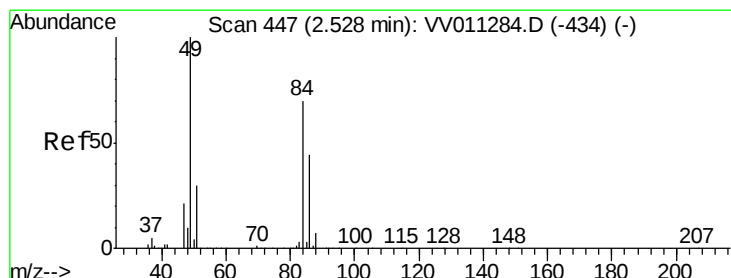
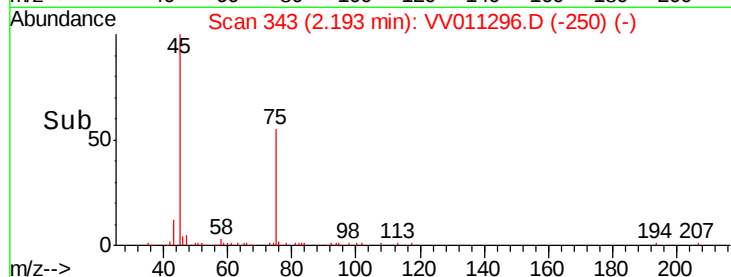
1000

500

0

Time-->

2.15 2.20 2.25



#16

Methylene chloride

Concen: 0.134 ug/L

RT: 2.52 min Scan# 446

Delta R.T. -0.00 min

Lab File: VV011296.D

Acq: 07 Jun 2019 19:02

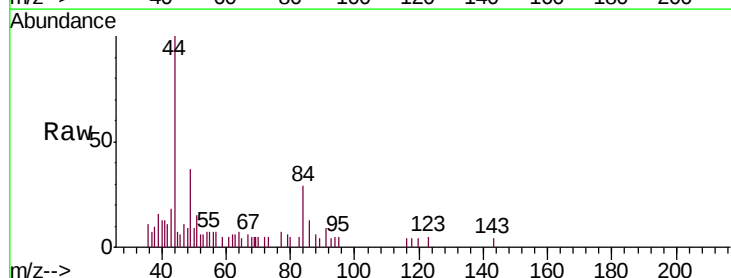
Tgt Ion: 84 Resp: 1335

Ion Ratio Lower Upper

84 100

86 46.9 44.9 83.3

49 128.2 102.1 189.5



Abundance Ion 84.05 (83.75 to 84.75): VV011284.D (-434) (-)

Ion 86.00 (85.70 to 86.70): VV011284.D (-434) (-)

Ion 49.10 (48.80 to 49.80): VV011284.D (-434) (-)

2.52

1200

1000

800

600

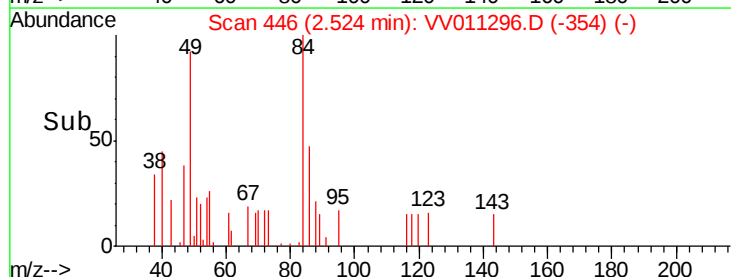
400

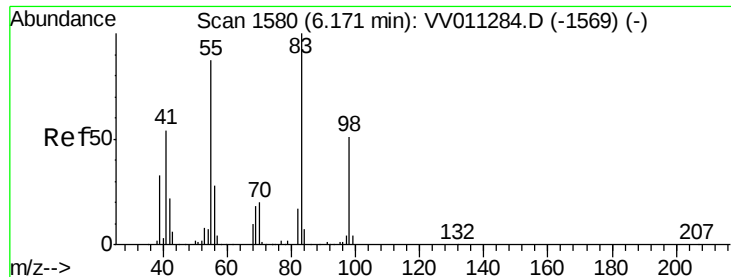
200

0

Time-->

2.50 2.55 2.60





#35

Methylcyclohexane

Concen: 0.697 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV011296.D

Acq: 07 Jun 2019 19:02

Instrument :

MSVOA_V

ClientSampleId :

BFCS2

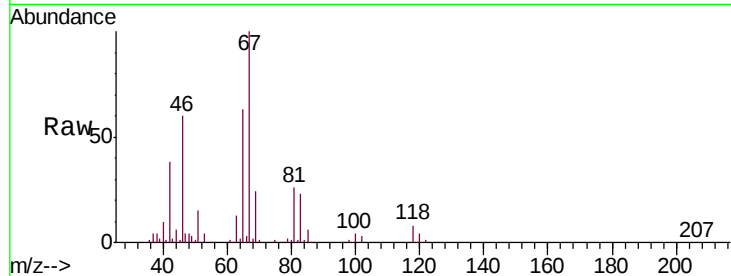
Tgt Ion: 83 Resp: 13468

Ion Ratio Lower Upper

83 100

55 1.0 67.0 100.6#

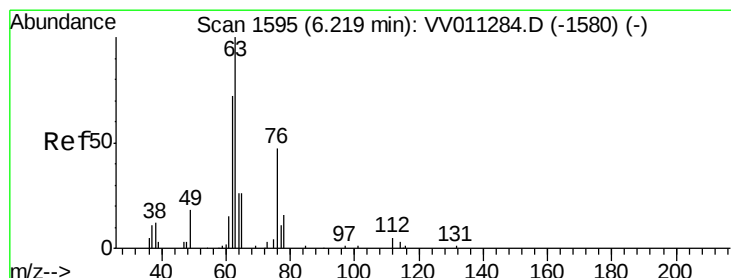
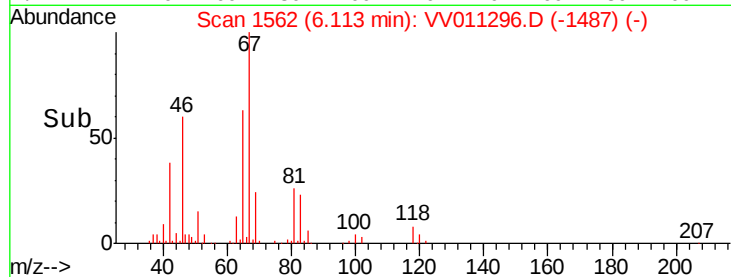
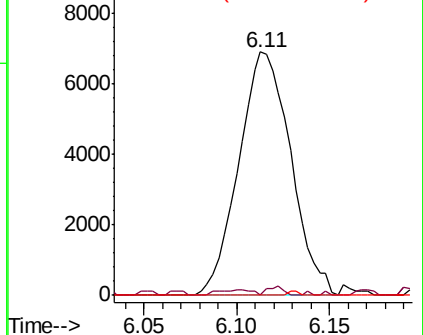
98 0.3 40.0 60.0#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0



#37

1,2-Dichloropropane

Concen: 0.694 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

Lab File: VV011296.D

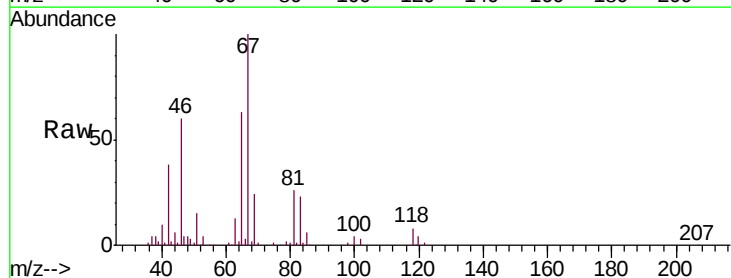
Acq: 07 Jun 2019 19:02

Tgt Ion: 63 Resp: 7813

Ion Ratio Lower Upper

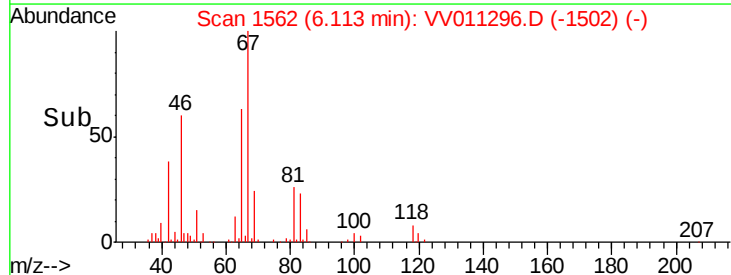
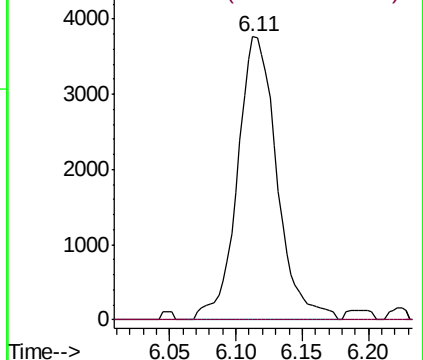
63 100

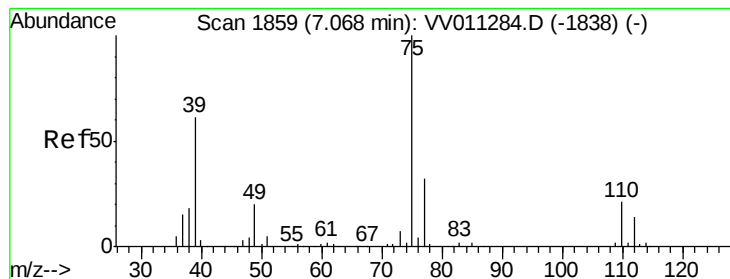
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V



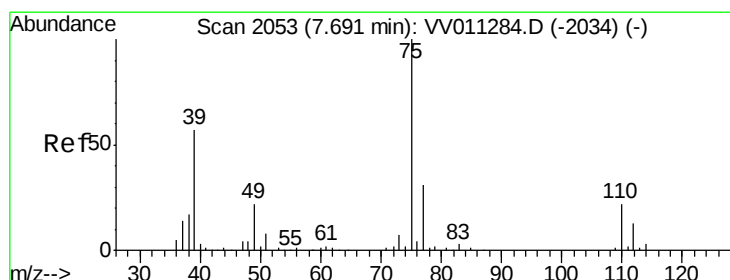
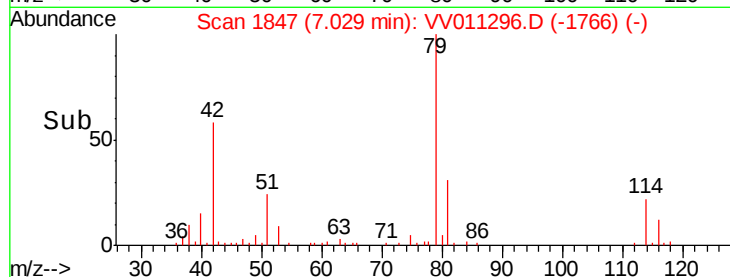
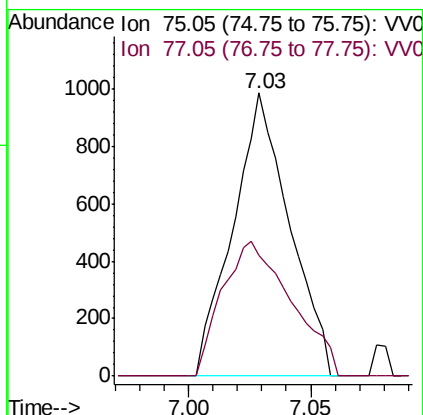
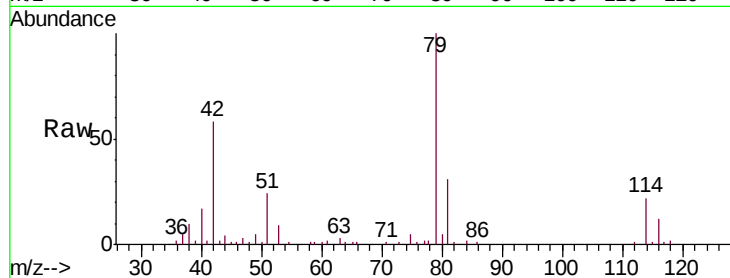


#39

cis-1,3-Dichloropropene
Concen: 0.096 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV011296.D
Acq: 07 Jun 2019 19:02

Instrument :
MSVOA_V
ClientSampled :
BFCS2

Tgt Ion: 75 Resp: 1584
Ion Ratio Lower Upper
75 100
77 42.7 22.2 41.2#



#44

trans-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV011296.D
Acq: 07 Jun 2019 19:02

Tgt Ion: 75 Resp: 1105
Ion Ratio Lower Upper
75 100
77 32.0 23.1 42.9

