

Data File : VV011586.D
Acq On : 18 Jun 2019 20:20
Operator : SY/MD
Sample : K3381-15
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC9

Quant Time: Jun 19 02:13:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 02:08:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	155959	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	140792	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	53983	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	52189	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.58	69	40250	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.12	63	84420	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	3.96	46	190664	57.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.08%
24) Chloroform-d	4.40	84	114696	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.08	65	70540	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.80%
32) Benzene-d6	5.09	84	230544	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.80%
36) 1,2-Dichloropropane-d6	6.12	67	73201	5.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.80%
41) Toluene-d8	7.36	98	191193	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
43) trans-1,3-Dichloropropene-	7.66	79	21739	4.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.00%
46) 2-Hexanone-d5	8.14	63	143300	55.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	51846	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	63192	5.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.40%

Target Compounds

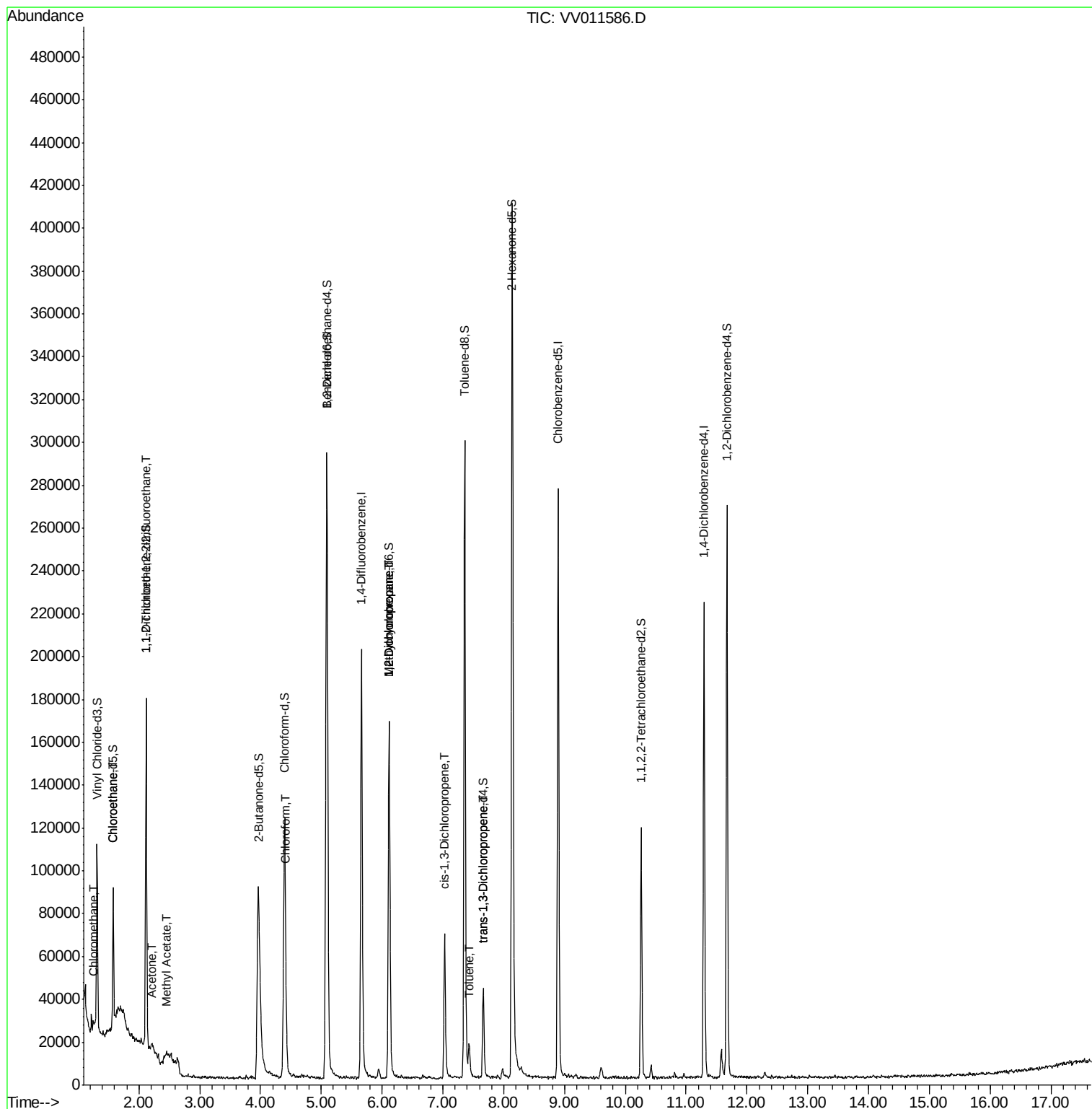
					Qvalue
3) Chloromethane	1.25	50	1933	0.128 ug/L	95
8) Chloroethane	1.59	64	1069	0.148 ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	752	0.080 ug/L #	23
13) Acetone	2.22	43	6894	3.087 ug/L	65
15) Methyl Acetate	2.47	43	2162	0.365 ug/L #	68
25) Chloroform	4.42	83	3901	0.171 ug/L	94
35) Methylcyclohexane	6.12	83	18413	1.101 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	9104	0.744 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1857	0.121 ug/L #	65
42) Toluene	7.43	91	9667	0.203 ug/L	100
44) trans-1,3-Dichloropropene	7.66	75	1083	0.092 ug/L	89

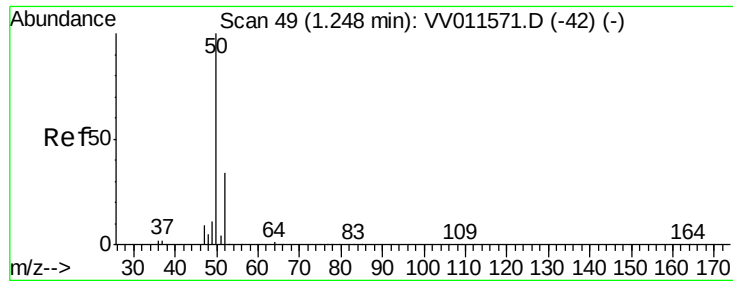
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.128 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011586.D

Acq: 18 Jun 2019 20:20

Instrument :

MSVOA_V

ClientSampleId :

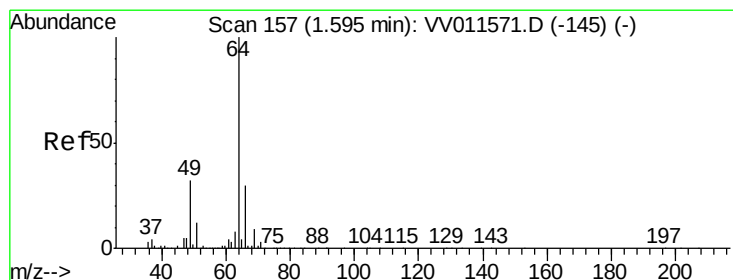
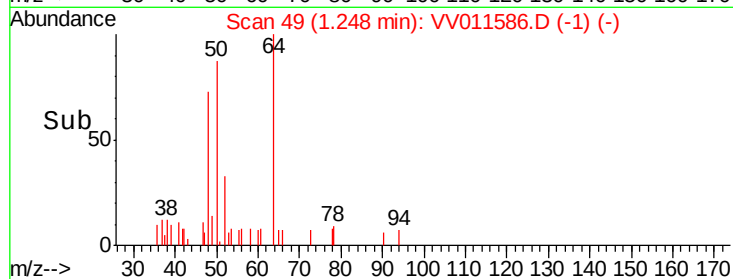
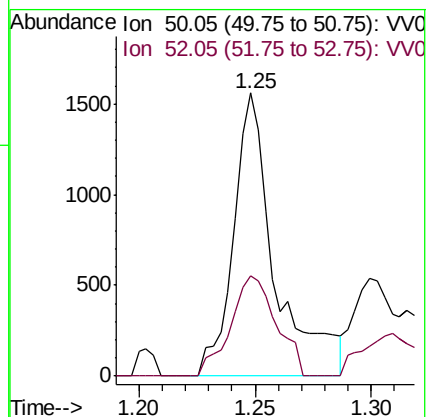
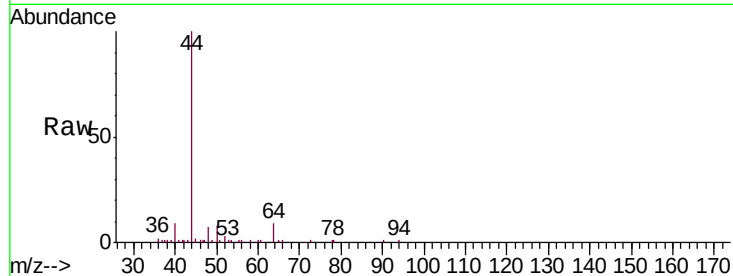
BFCS9

Tgt Ion: 50 Resp: 1933

Ion Ratio Lower Upper

50 100

52 35.3 22.7 42.1



#8

Chloroethane

Concen: 0.148 ug/L

RT: 1.59 min Scan# 155

Delta R.T. -0.01 min

Lab File: VV011586.D

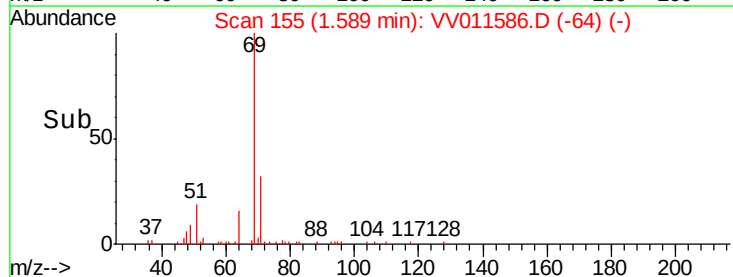
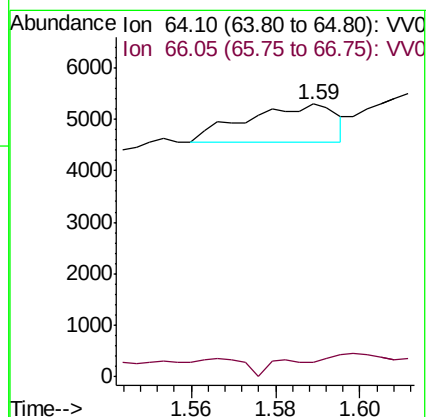
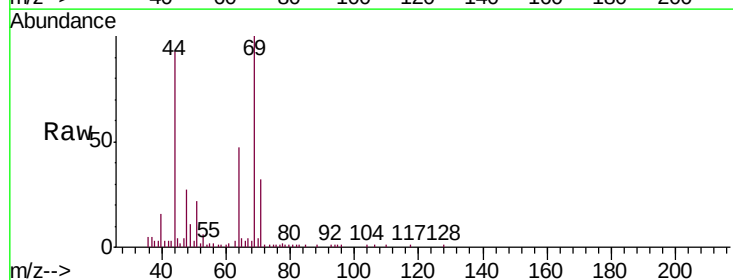
Acq: 18 Jun 2019 20:20

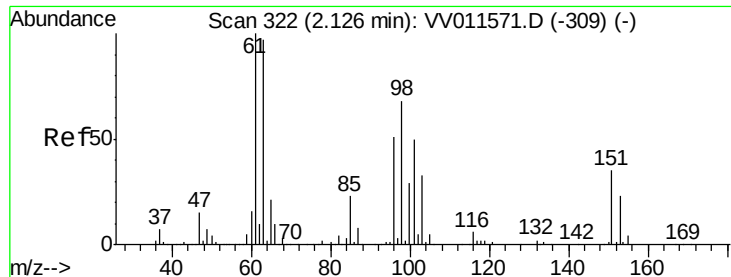
Tgt Ion: 64 Resp: 1069

Ion Ratio Lower Upper

64 100

66 5.0 21.6 40.2#





#10

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

Concen: 0.080 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV011586.D

Acq: 18 Jun 2019 20:20

Instrument :

MSVOA_V

ClientSampleId :

BFCS9

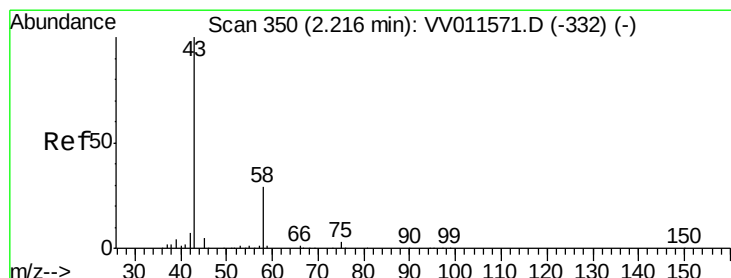
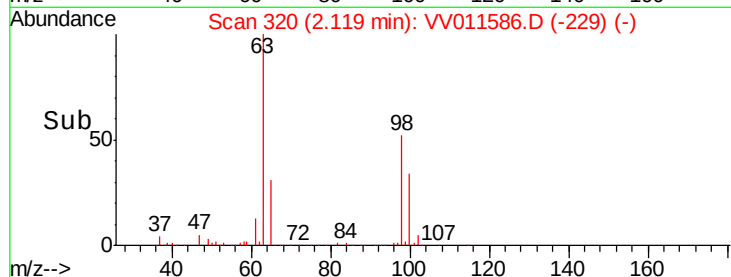
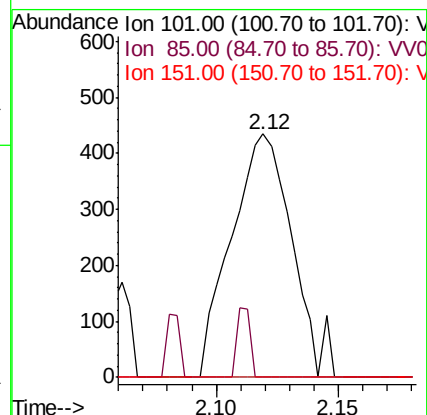
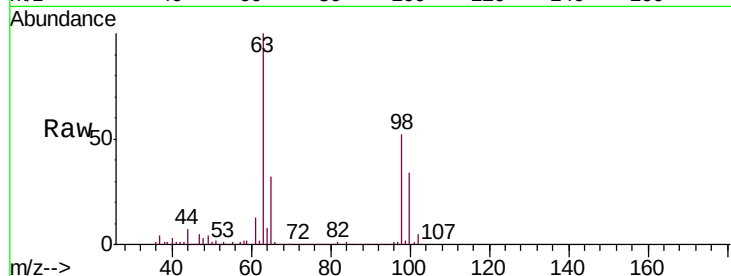
Tgt Ion: 101 Resp: 752

Ion Ratio Lower Upper

101 100

85 6.4 37.3 55.9#

151 0.0 59.4 89.2#



#13

Acetone

Concen: 3.087 ug/L

RT: 2.22 min Scan# 352

Delta R.T. 0.01 min

Lab File: VV011586.D

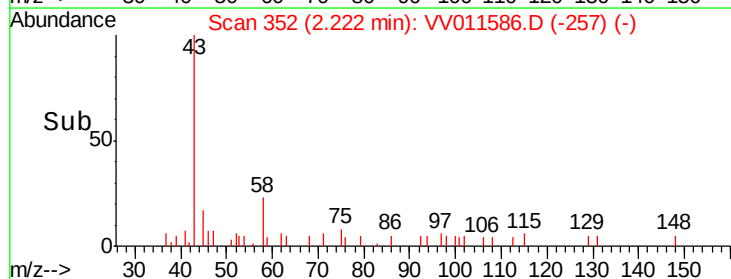
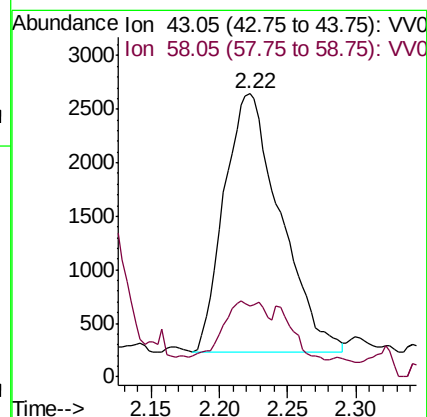
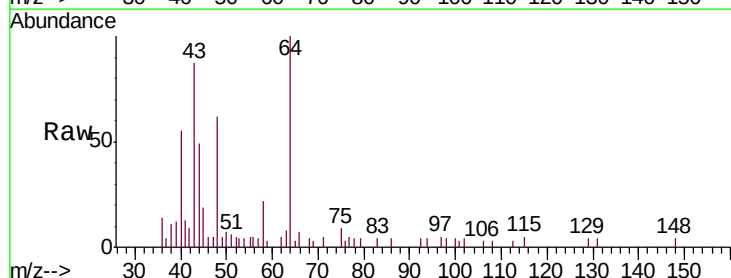
Acq: 18 Jun 2019 20:20

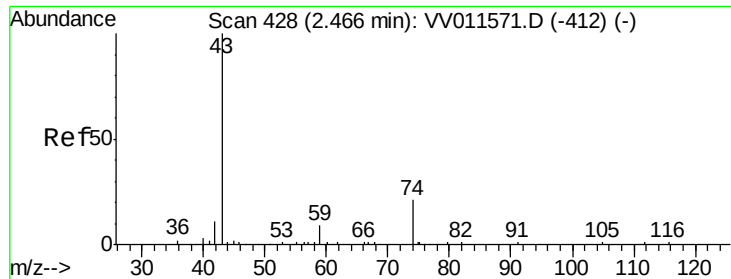
Tgt Ion: 43 Resp: 6894

Ion Ratio Lower Upper

43 100

58 10.1 0.0 57.8

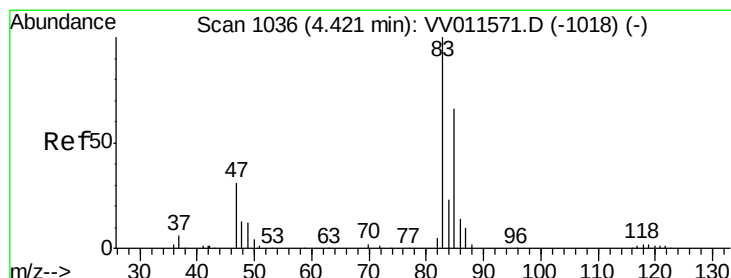
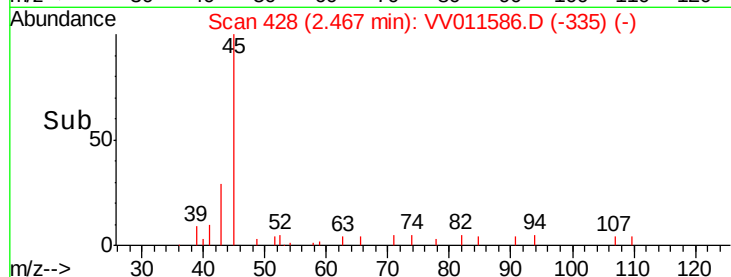
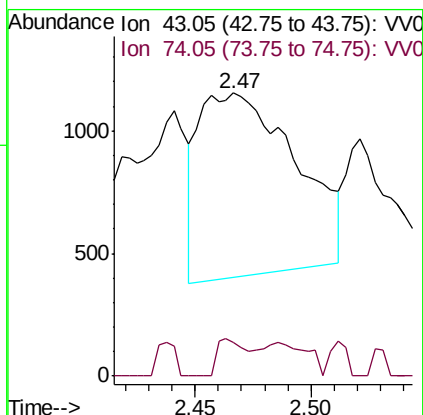
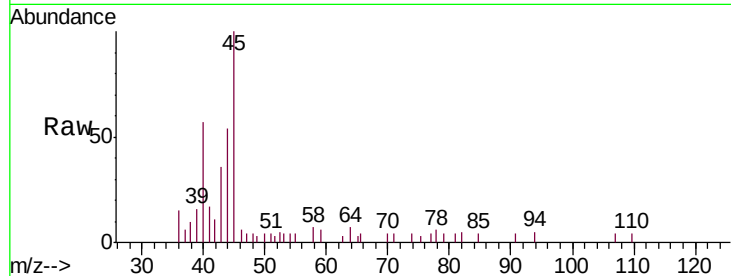




#15
Methyl Acetate
Concen: 0.365 ug/L
RT: 2.47 min Scan# 428
Delta R.T. 0.00 min
Lab File: VV011586.D
Acq: 18 Jun 2019 20:20

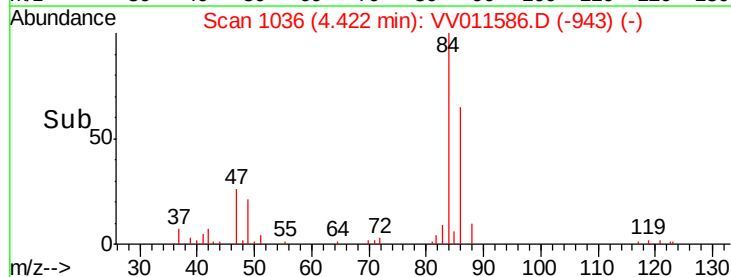
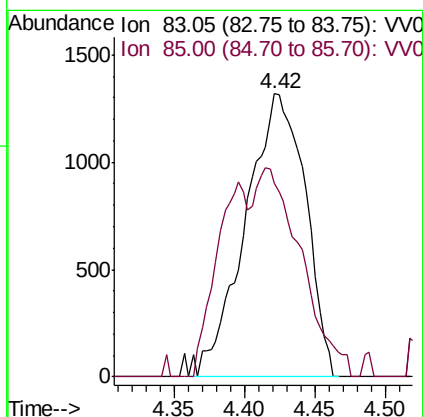
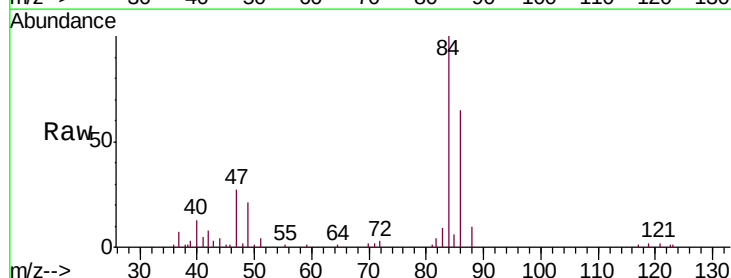
Instrument :
MSVOA_V
ClientSampled :
BFCS9

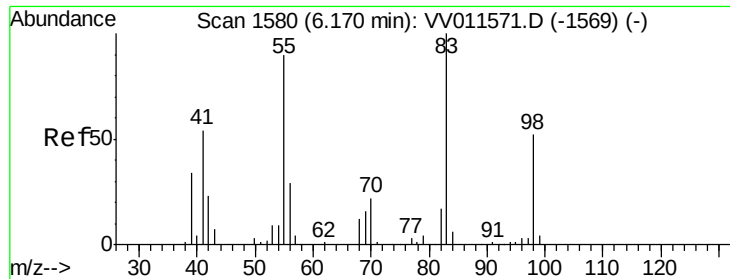
Tgt Ion: 43 Resp: 2162
Ion Ratio Lower Upper
43 100
74 5.8 16.5 24.7#



#25
Chloroform
Concen: 0.171 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV011586.D
Acq: 18 Jun 2019 20:20

Tgt Ion: 83 Resp: 3901
Ion Ratio Lower Upper
83 100
85 68.3 44.6 82.8

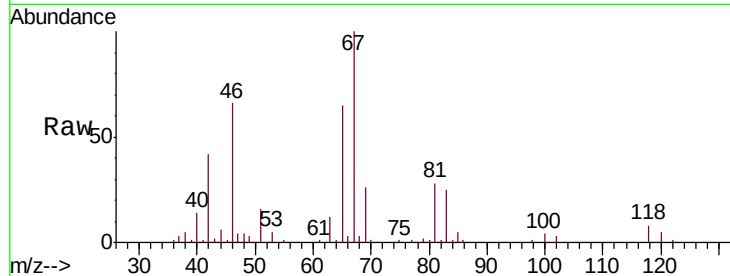




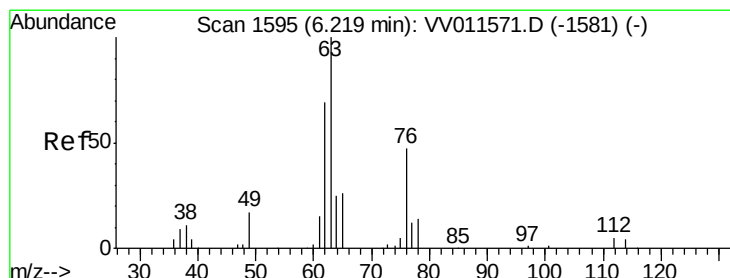
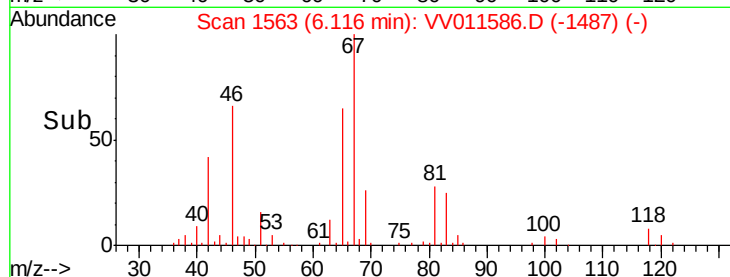
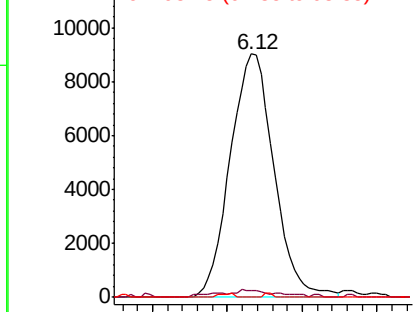
#35
Methylcyclohexane
Concen: 1.101 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011586.D
Acq: 18 Jun 2019 20:20

Instrument :
MSVOA_V
ClientSampleId :
BFC9

Tgt Ion: 83 Resp: 18413
Ion Ratio Lower Upper
83 100
55 3.2 67.9 101.9#
98 0.5 39.6 59.4#

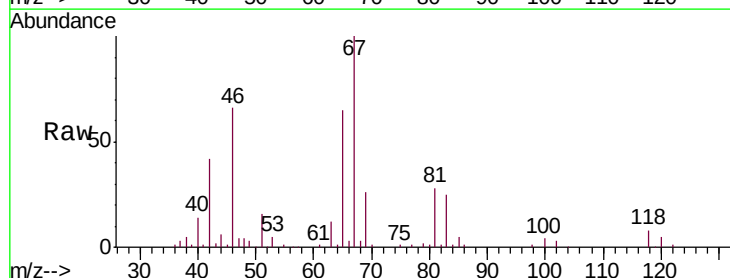


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

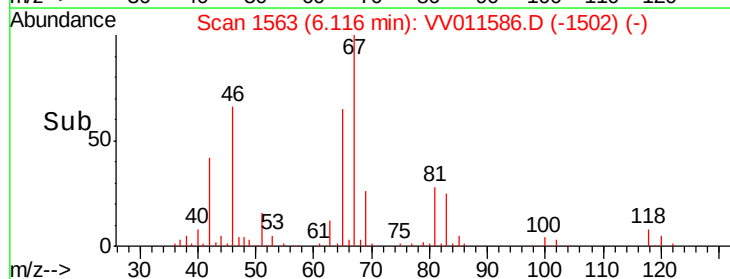
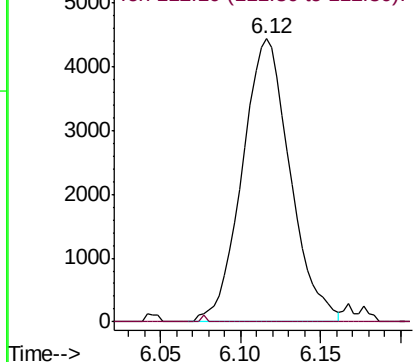


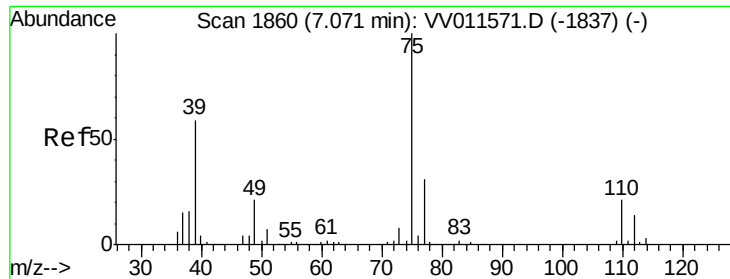
#37
1,2-Dichloropropane
Concen: 0.744 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011586.D
Acq: 18 Jun 2019 20:20

Tgt Ion: 63 Resp: 9104
Ion Ratio Lower Upper
63 100
112 0.2 3.7 5.5#



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: 0.121 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV011586.D

Acq: 18 Jun 2019 20:20

Instrument :

MSVOA_V

ClientSampleId :

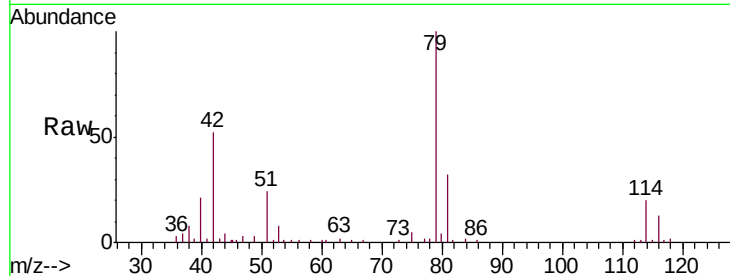
BFC9

Tgt Ion: 75 Resp: 1857

Ion Ratio Lower Upper

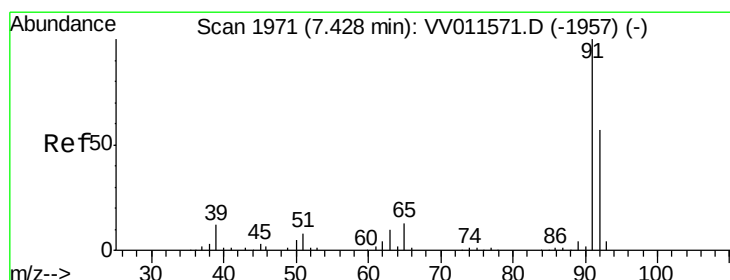
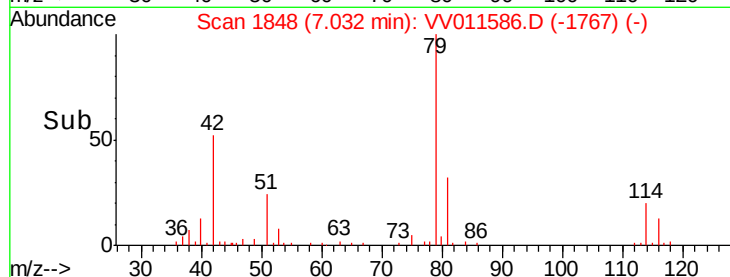
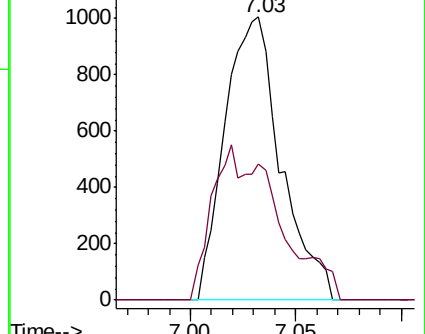
75 100

77 48.2 20.6 38.4#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#42

Toluene

Concen: 0.203 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV011586.D

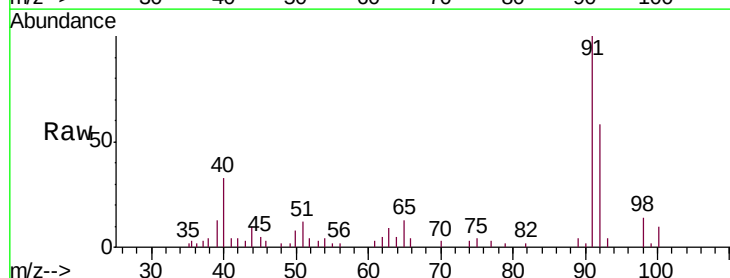
Acq: 18 Jun 2019 20:20

Tgt Ion: 91 Resp: 9667

Ion Ratio Lower Upper

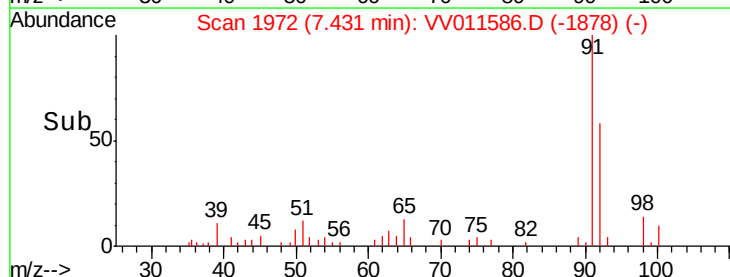
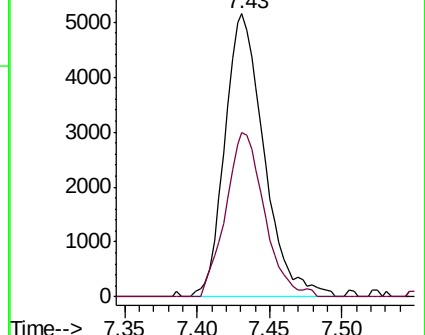
91 100

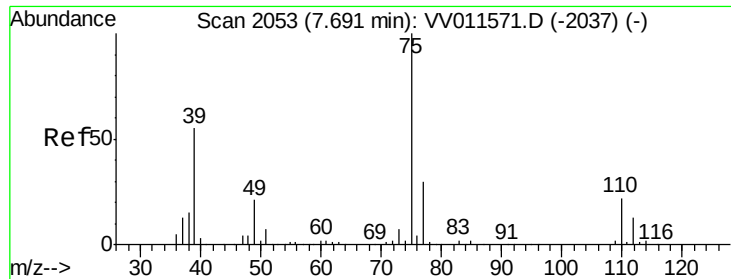
92 58.1 40.5 75.1



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#44

trans-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV011586.D

Acq: 18 Jun 2019 20:20

Instrument :

MSVOA_V

ClientSampleId :

BFCS9

Tgt Ion: 75 Resp: 1083

Ion Ratio Lower Upper

75 100

77 38.6 22.8 42.4

