

Data File : VV013708.D
Acq On : 21 Nov 2019 13:07
Operator : SY/MD
Sample : K5941-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
B0AA9

Quant Time: Nov 22 03:58:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 03:55:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	333105	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	330298	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	148910	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	129268	6.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	125.60%
7) Chloroethane-d5	1.58	69	121433	6.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	132.20%#
11) 1,1-Dichloroethene-d2	2.13	63	183807	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.60%
20) 2-Butanone-d5	3.95	46	247240	51.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.92%
24) Chloroform-d	4.40	84	270029	5.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.80%
26) 1,2-Dichloroethane-d4	5.08	65	133489	6.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.20%
32) Benzene-d6	5.10	84	547945	5.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.00%
36) 1,2-Dichloropropane-d6	6.12	67	163884	6.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	120.40%
41) Toluene-d8	7.36	98	477141	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.60%
43) trans-1,3-Dichloropropene-	7.66	79	56764	5.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.40%
46) 2-Hexanone-d5	8.14	63	204968	51.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.46%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	111275	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	192761	6.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	134.60%#

Target Compounds

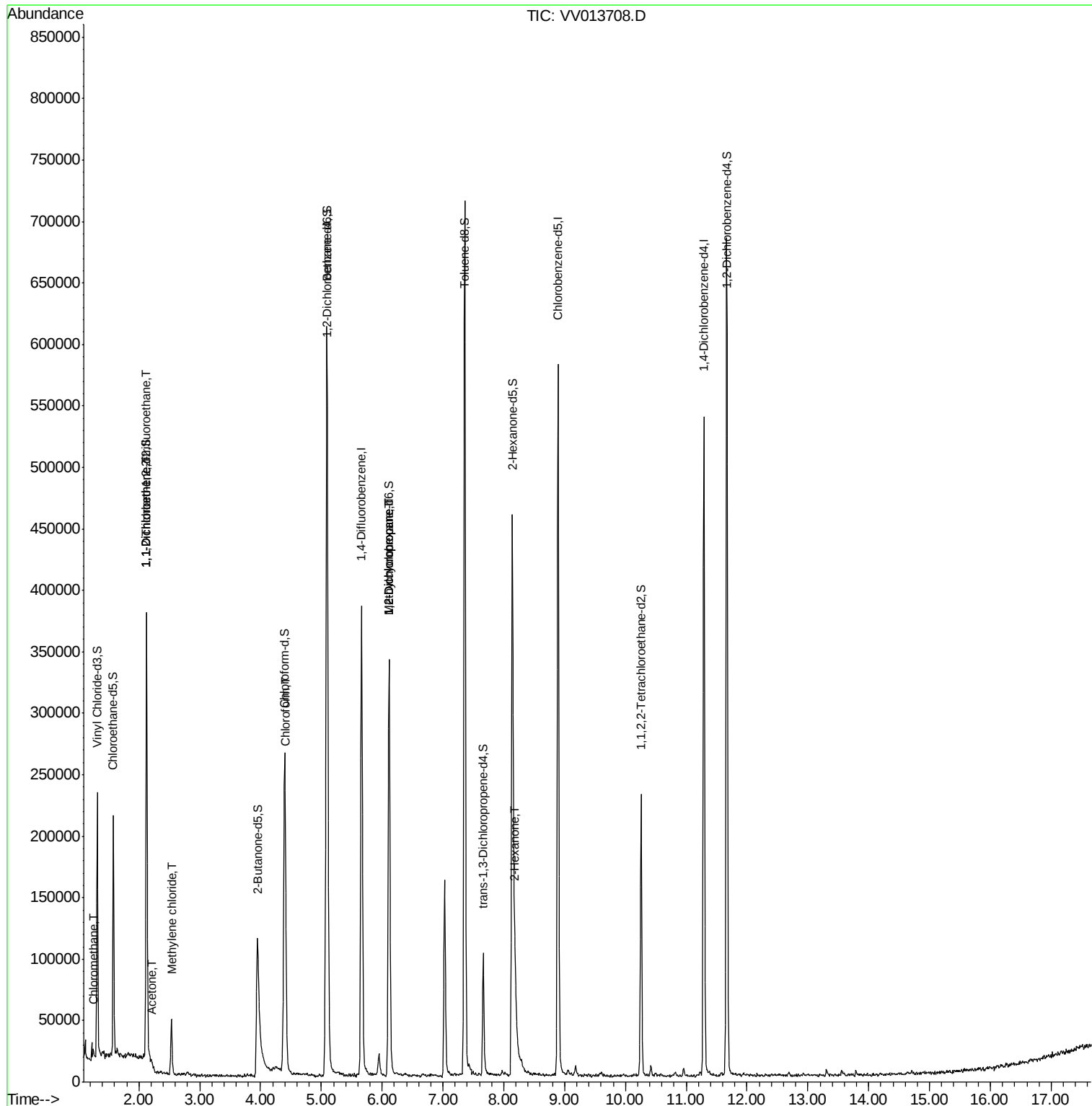
						Qvalue
3) Chloromethane	1.25	50	4874	0.165	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2335	0.114	ug/L #	28
12) 1,1-Dichloroethene	2.13	96	2648	0.133	ug/L #	1
13) Acetone	2.21	43	9640	3.211	ug/L #	28
16) Methylene chloride	2.53	84	17804	0.644	ug/L	99
25) Chloroform	4.41	83	7231	0.122	ug/L #	62
35) Methylcyclohexane	6.11	83	41376	1.014	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	18079	0.755	ug/L #	86
48) 2-Hexanone	8.19	43	17509	1.773	ug/L #	47

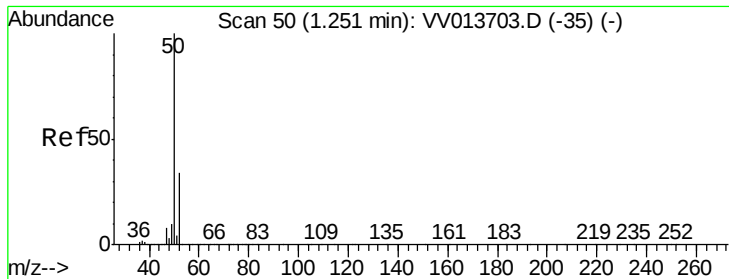
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV013708.D
Acq On : 21 Nov 2019 13:07
Operator : SY/MD
Sample : K5941-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
B0AA9

Quant Time: Nov 22 03:58:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 03:55:18 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.165 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV013708.D

Acq: 21 Nov 2019 13:07

Instrument :

MSVOA_V

ClientSampleId :

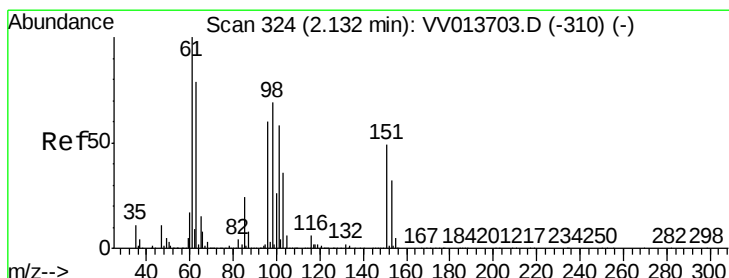
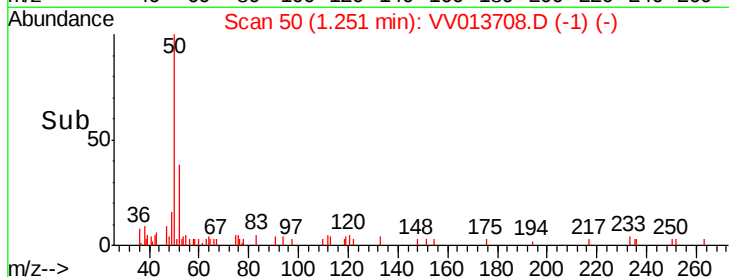
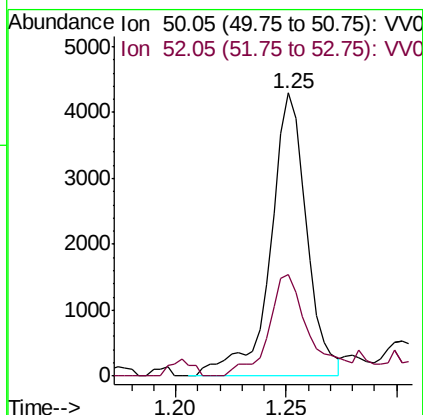
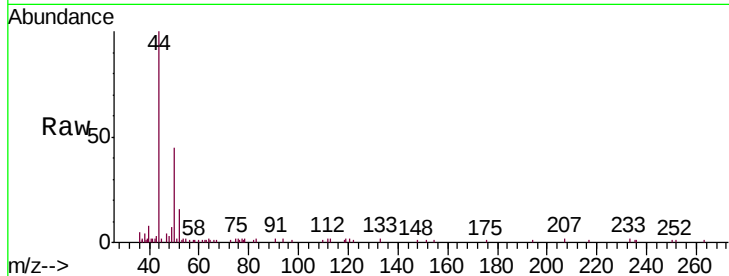
B0AA9

Tgt Ion: 50 Resp: 4874

Ion Ratio Lower Upper

50 100

52 36.1 23.4 43.4



#10

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

Concen: 0.114 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013708.D

Acq: 21 Nov 2019 13:07

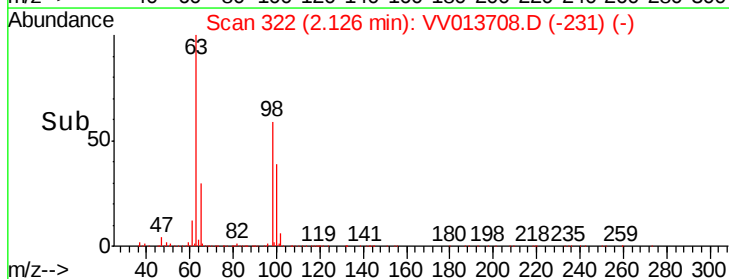
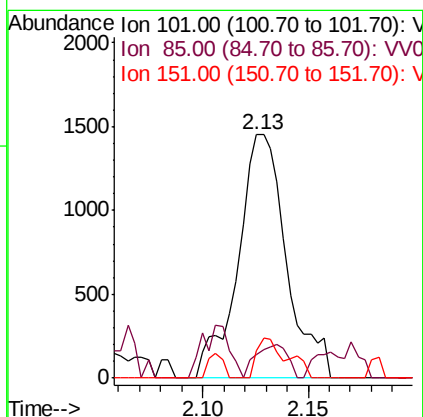
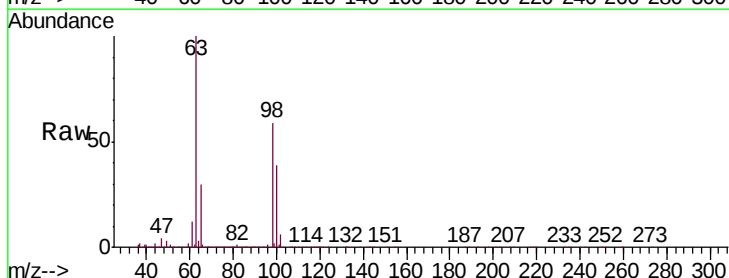
Tgt Ion: 101 Resp: 2335

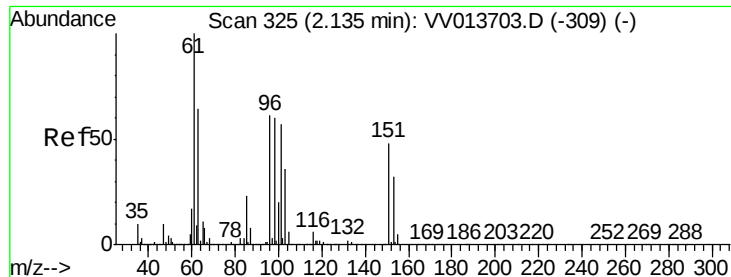
Ion Ratio Lower Upper

101 100

85 9.0 32.0 48.0#

151 10.1 69.0 103.6#





#12

1,1-Dichloroethene

Concen: 0.133 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013708.D

Acq: 21 Nov 2019 13:07

Instrument :

MSVOA_V

ClientSampleId :

B0AA9

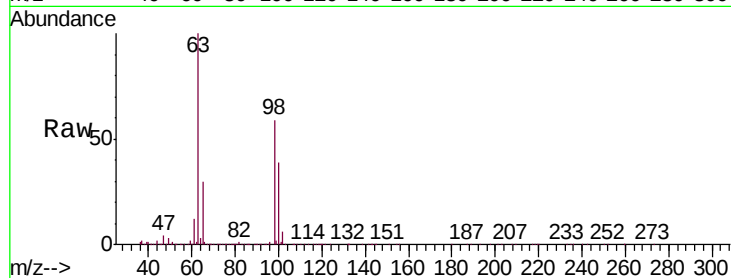
Tgt Ion: 96 Resp: 2648

Ion Ratio Lower Upper

96 100

61 1126.7 112.5 208.9#

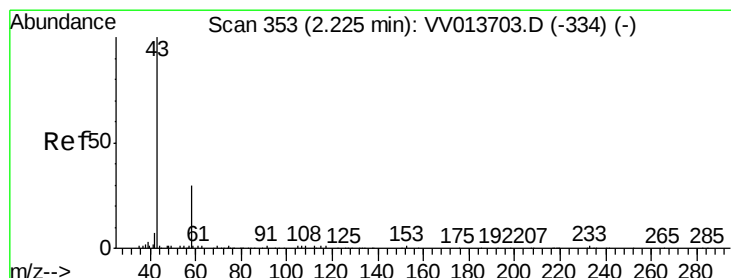
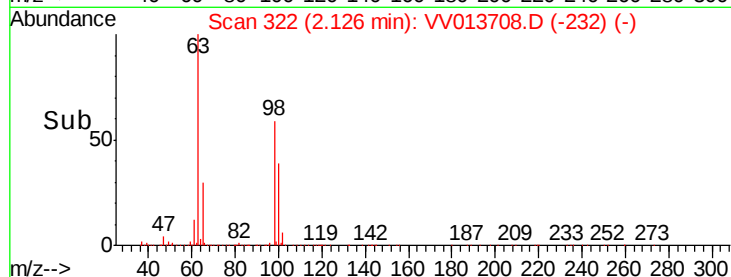
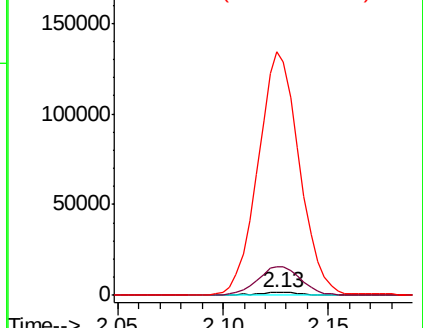
63 9464.6 76.9 142.7#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 3.211 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.02 min

Lab File: VV013708.D

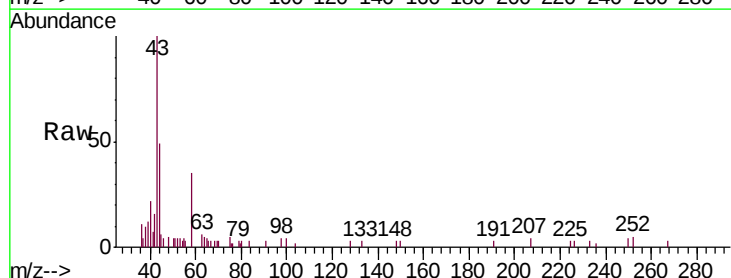
Acq: 21 Nov 2019 13:07

Tgt Ion: 43 Resp: 9640

Ion Ratio Lower Upper

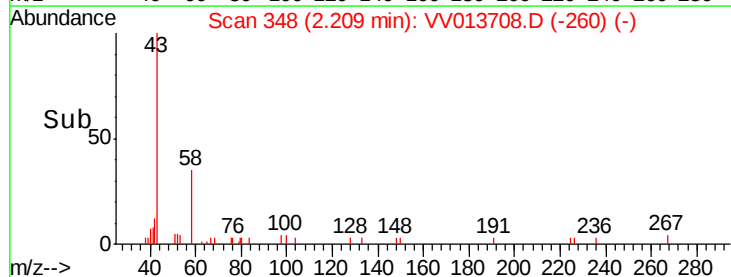
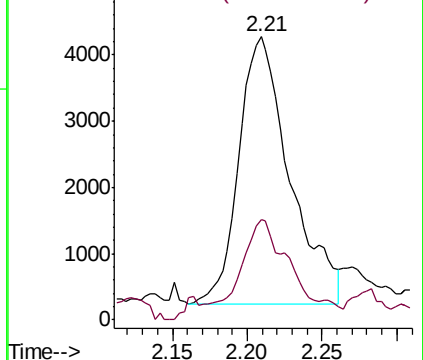
43 100

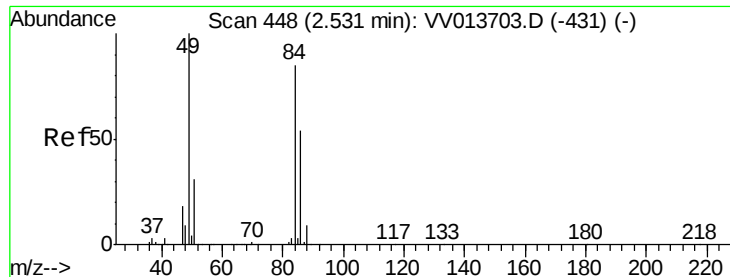
58 34.2 0.0 17.0#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

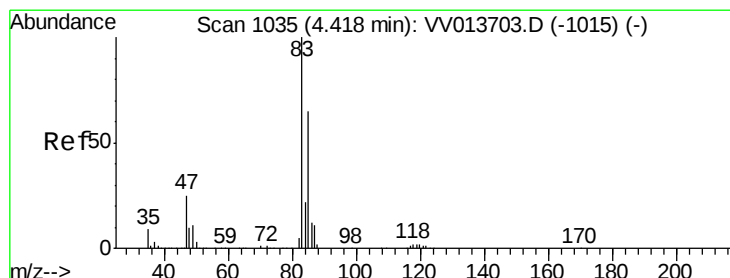
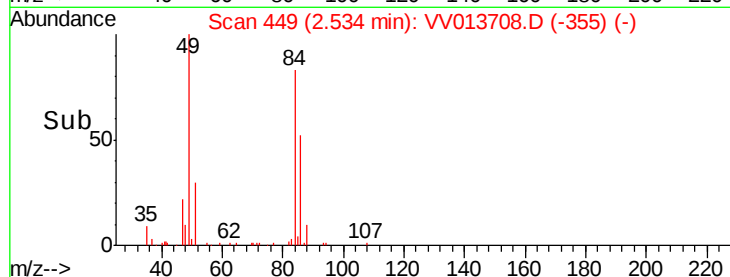
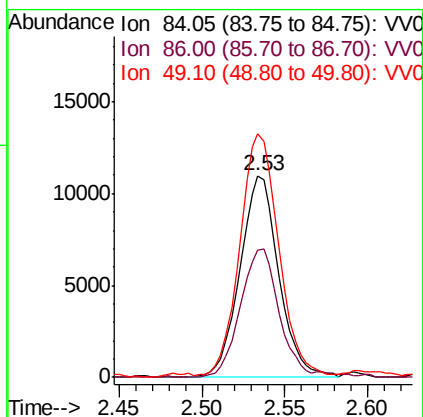
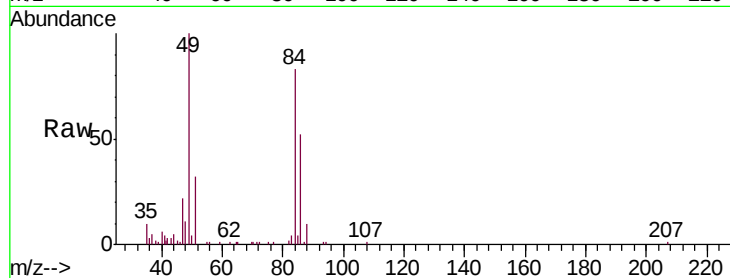




#16
Methylene chloride
Concen: 0.644 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV013708.D
Acq: 21 Nov 2019 13:07

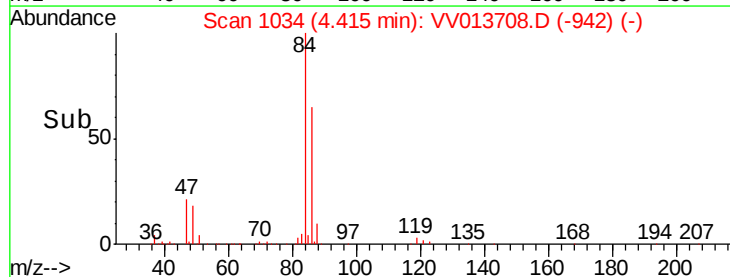
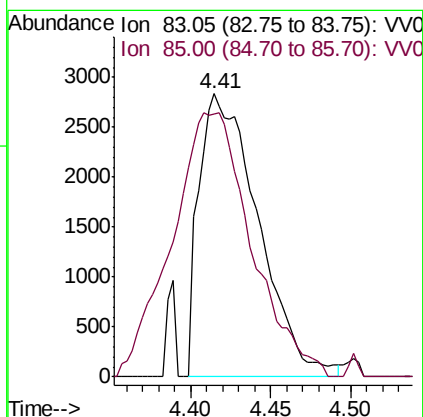
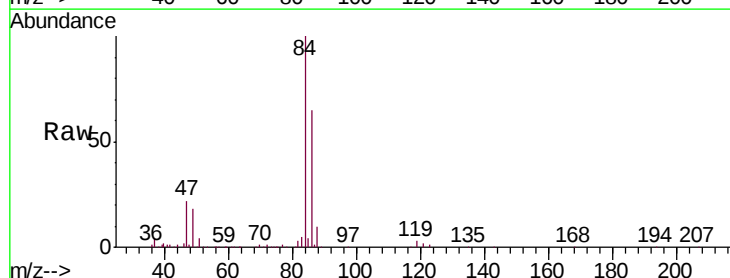
Instrument :
MSVOA_V
ClientSampleId :
B0AA9

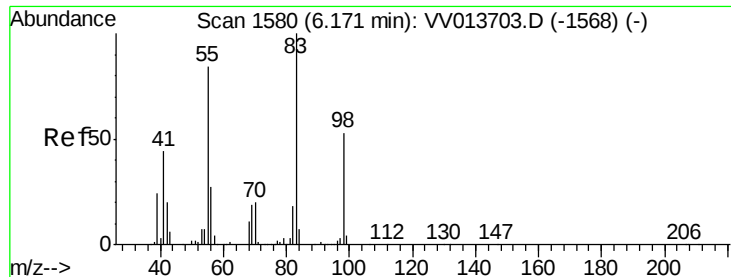
Tgt Ion: 84 Resp: 17804
Ion Ratio Lower Upper
84 100
86 62.9 44.1 81.9
49 120.8 83.4 155.0



#25
Chloroform
Concen: 0.122 ug/L
RT: 4.41 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VV013708.D
Acq: 21 Nov 2019 13:07

Tgt Ion: 83 Resp: 7231
Ion Ratio Lower Upper
83 100
85 92.8 44.4 82.5#

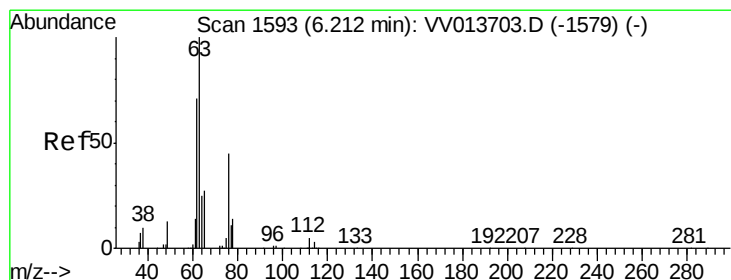
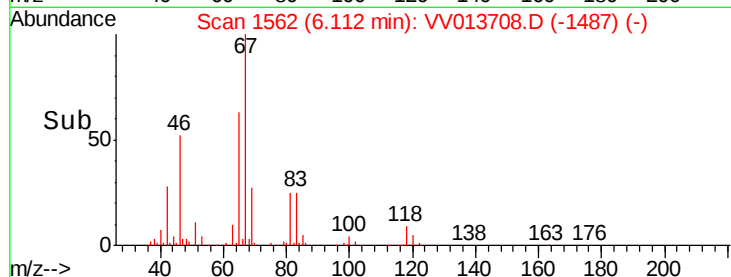
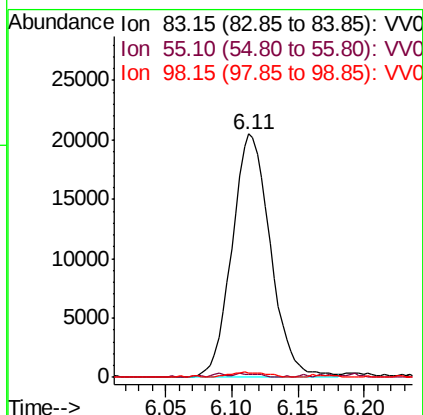
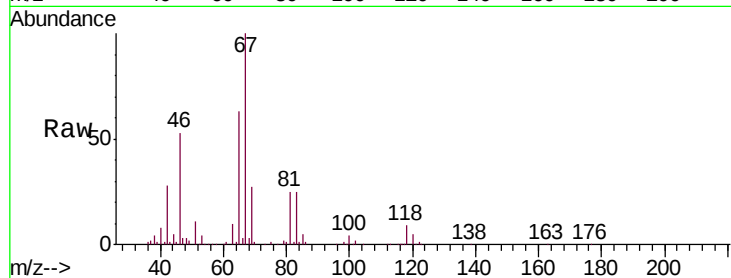




#35
Methylcyclohexane
Concen: 1.014 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV013708.D
Acq: 21 Nov 2019 13:07

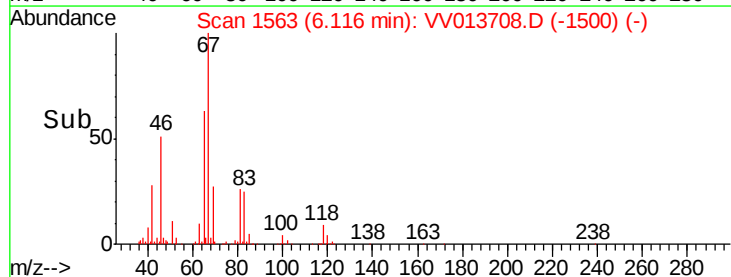
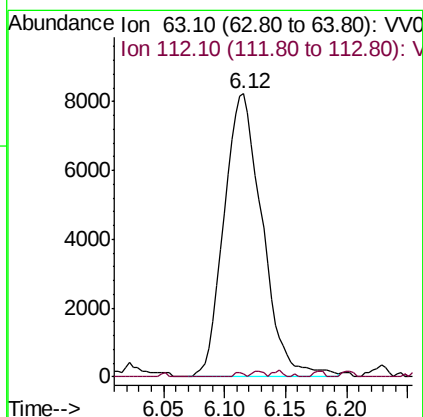
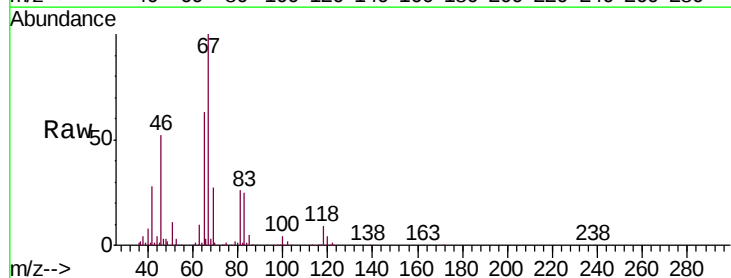
Instrument :
MSVOA_V
ClientSampled :
B0AA9

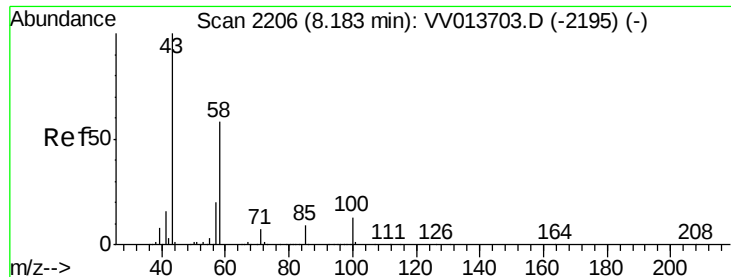
Tgt Ion: 83 Resp: 41376
Ion Ratio Lower Upper
83 100
55 1.0 64.1 96.1#
98 2.0 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.755 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV013708.D
Acq: 21 Nov 2019 13:07

Tgt Ion: 63 Resp: 18079
Ion Ratio Lower Upper
63 100
112 0.4 4.1 6.1#





#48

2-Hexanone

Concen: 1.773 ug/L

RT: 8.19 min Scan# 2207

Delta R.T. 0.00 min

Lab File: VV013708.D

Acq: 21 Nov 2019 13:07

Instrument :
MSVOA_V
ClientSampleId :
B0AA9

Tgt Ion: 43 Resp: 17509

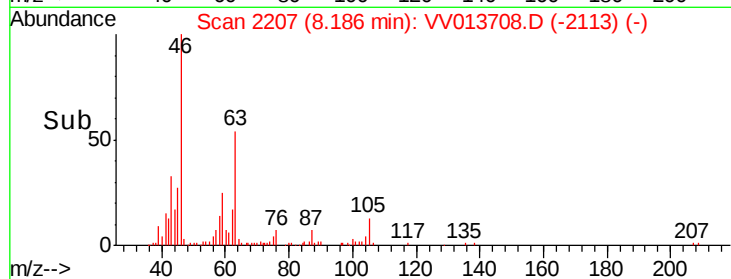
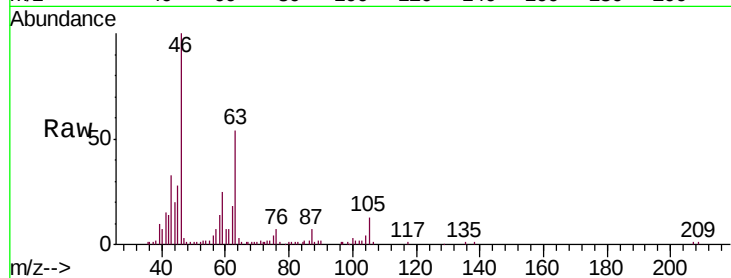
Ion Ratio Lower Upper

43 100

58 0.0 43.0 64.6#

57 15.2 15.4 23.2#

100 3.4 10.1 15.1#



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

