

Data File : VV011719.D
Acq On : 22 Jun 2019 06:45
Operator : SY/MD
Sample : K3462-02 500X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCM0

Quant Time: Jun 24 05:50:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 24 05:42:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	153764	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	142183	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	57549	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42321	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.57	69	31834	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.12	63	64627	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	3.95	46	167345	62.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.50%
24) Chloroform-d	4.40	84	91246	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.08	65	58965	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.10	84	189900	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.12	67	60964	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.36	98	153578	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.67	79	16795	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.14	63	121760	60.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46427	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	51401	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

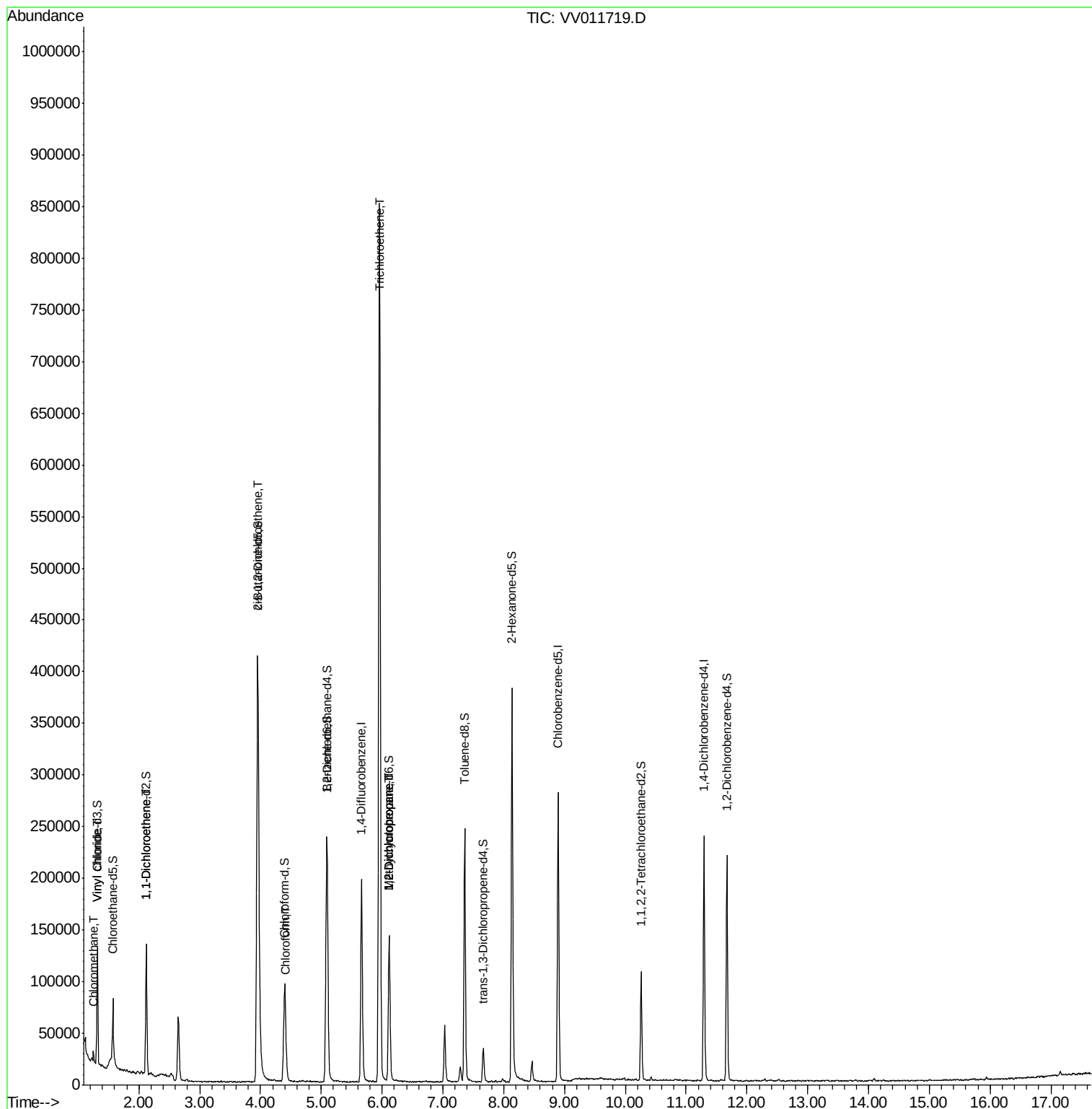
					Qvalue
3) Chloromethane	1.25	50	6219	0.429 ug/L	100
5) Vinyl chloride	1.32	62	30187	2.123 ug/L	99
12) 1,1-Dichloroethene	2.13	96	1403	0.147 ug/L #	1
22) cis-1,2-Dichloroethene	3.96	96	171420	13.943 ug/L	97
25) Chloroform	4.42	83	6523	0.267 ug/L	95
34) Trichloroethene	5.96	95	286710	22.937 ug/L	100
35) Methylcyclohexane	6.12	83	14861	0.736 ug/L #	14
37) 1,2-Dichloropropane	6.12	63	7741	0.647 ug/L #	87

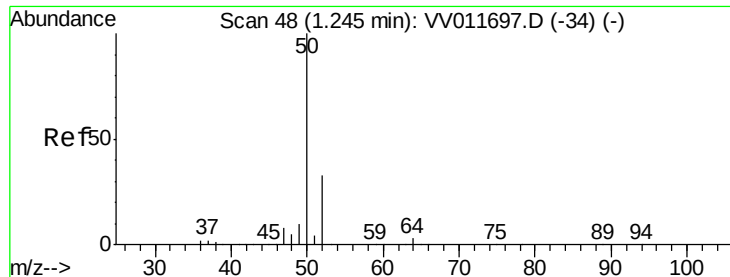
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 24 05:42:24 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.429 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.01 min

Lab File: VV011719.D

Acq: 22 Jun 2019 06:45

Instrument :

MSVOA_V

ClientSampleId :

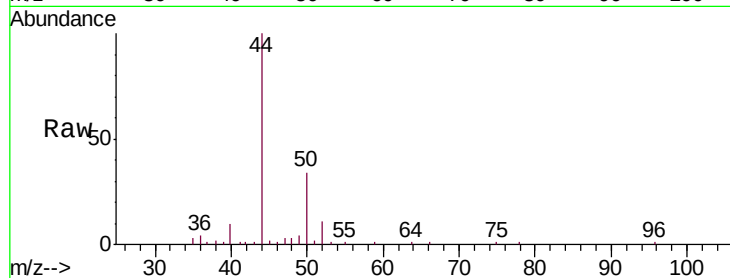
BFCM0

Tgt Ion: 50 Resp: 6219

Ion Ratio Lower Upper

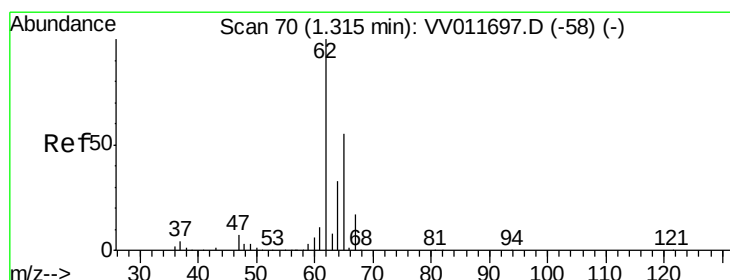
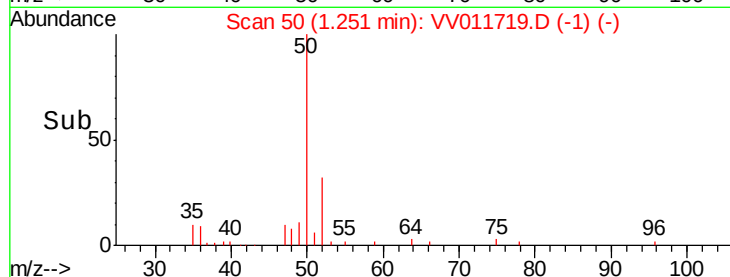
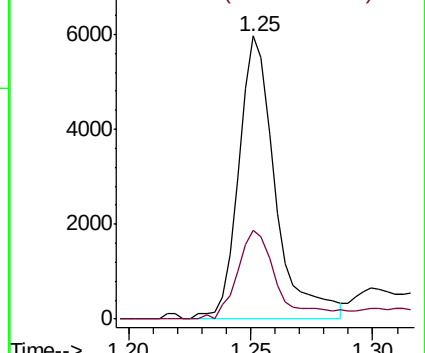
50 100

52 31.6 22.0 40.8



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#5

Vinyl chloride

Concen: 2.123 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.01 min

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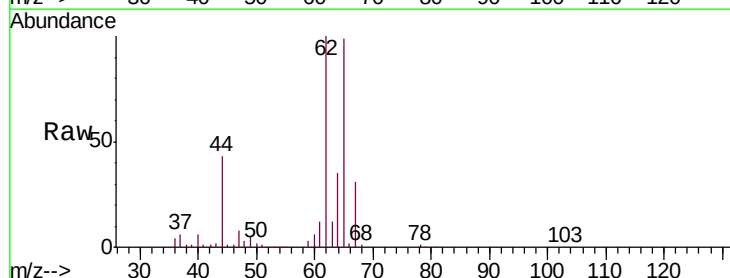
Acq: 22 Jun 2019 06:45

Tgt Ion: 62 Resp: 30187

Ion Ratio Lower Upper

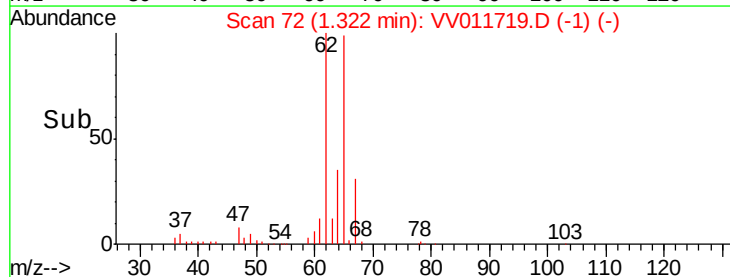
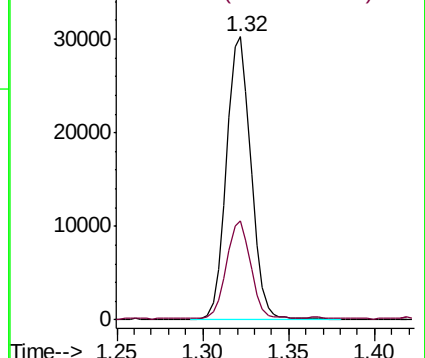
62 100

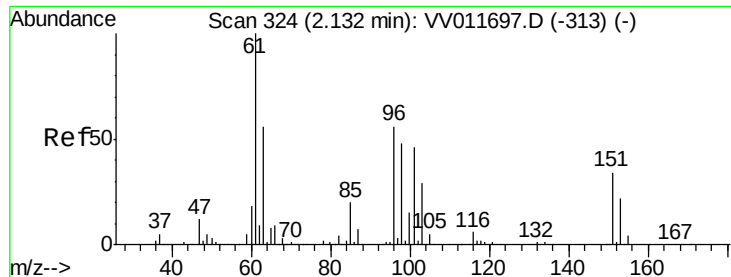
64 34.8 24.1 44.7



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

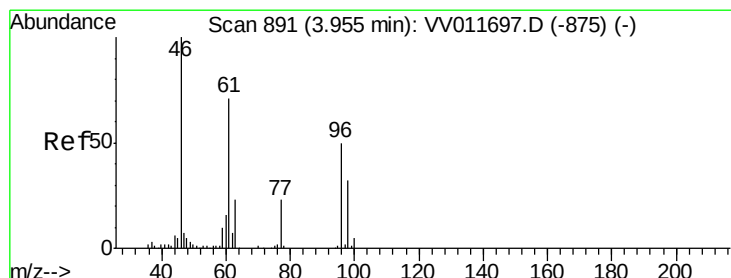
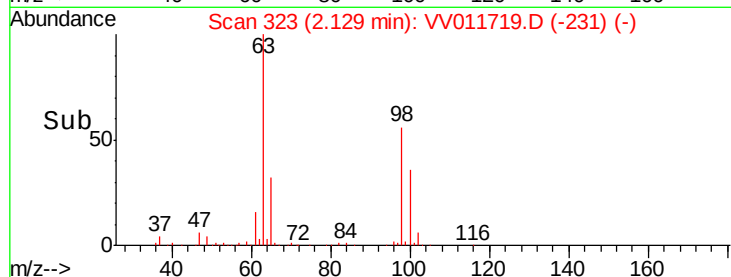
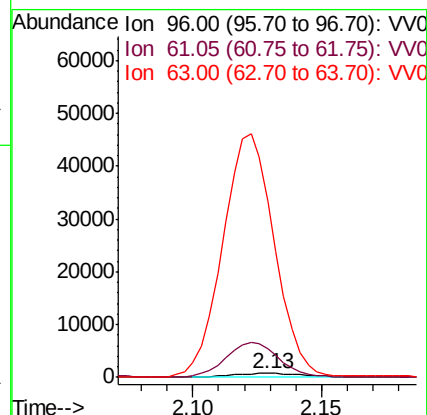
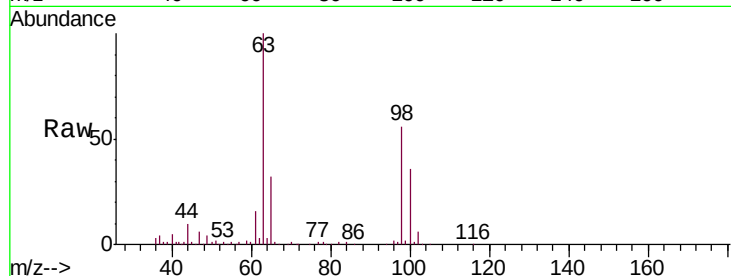




#12
 1,1-Dichloroethene
 Concen: 0.147 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.00 min
 Lab File: VV011719.D
 Acq: 22 Jun 2019 06:45

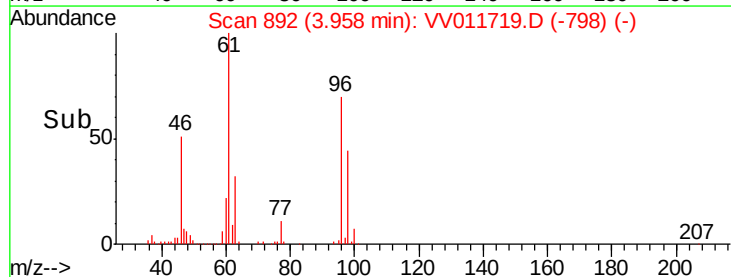
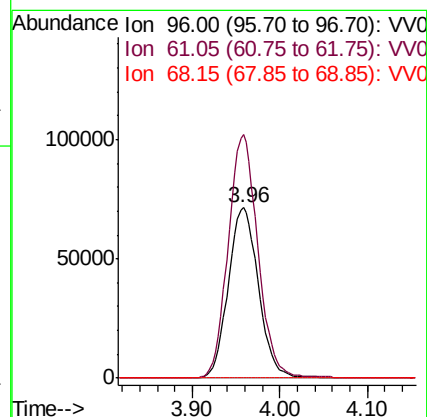
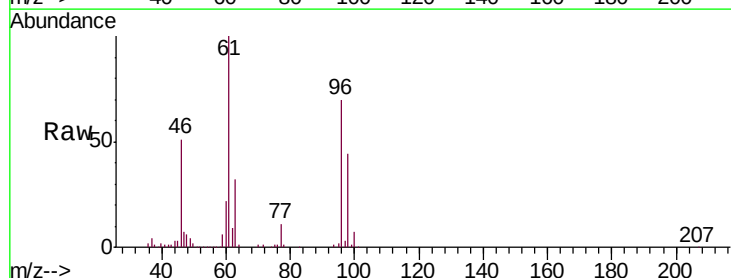
Instrument :
 MSVOA_V
 ClientSampled :
 BFCM0

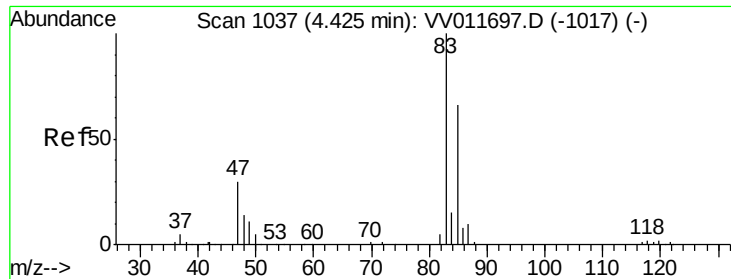
Tgt Ion: 96 Resp: 1403
 Ion Ratio Lower Upper
 96 100
 61 712.3 131.5 244.1#
 63 4352.5 91.8 170.4#



#22
 cis-1,2-Dichloroethene
 Concen: 13.943 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: VV011719.D
 Acq: 22 Jun 2019 06:45

Tgt Ion: 96 Resp: 171420
 Ion Ratio Lower Upper
 96 100
 61 143.1 97.9 181.7
 68 0.0 0.0 0.0

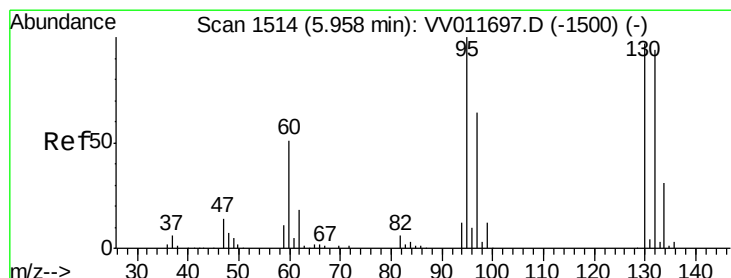
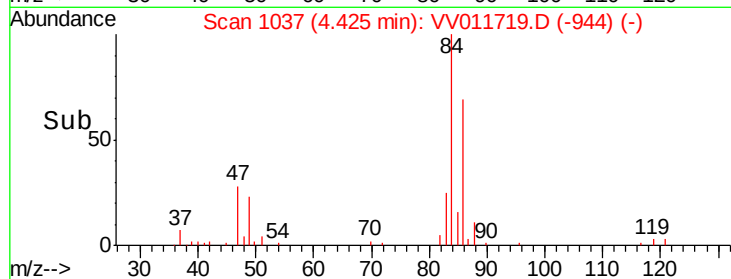
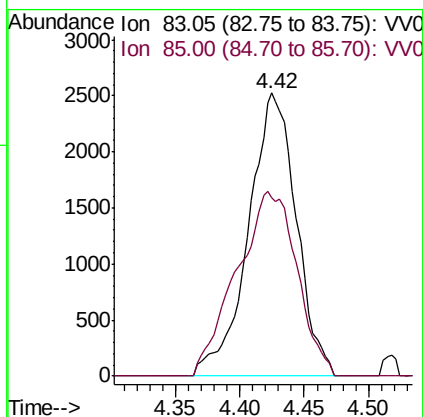
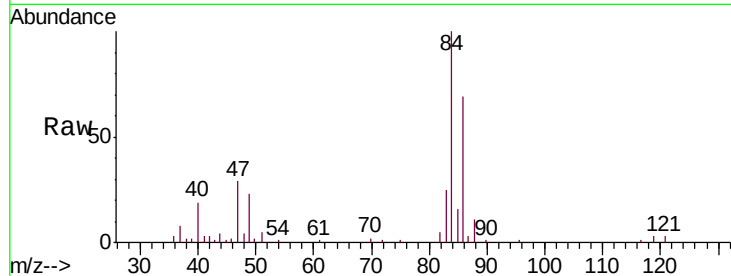




#25
Chloroform
Concen: 0.267 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV011719.D
Acq: 22 Jun 2019 06:45

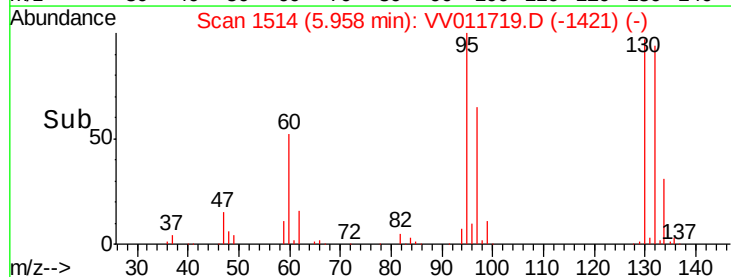
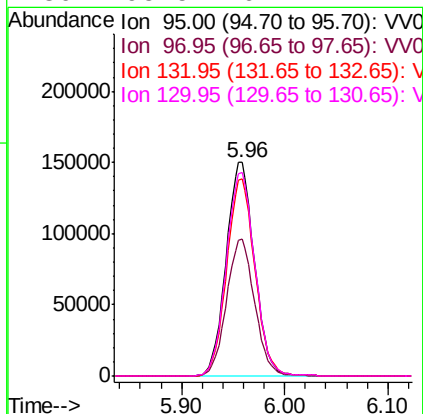
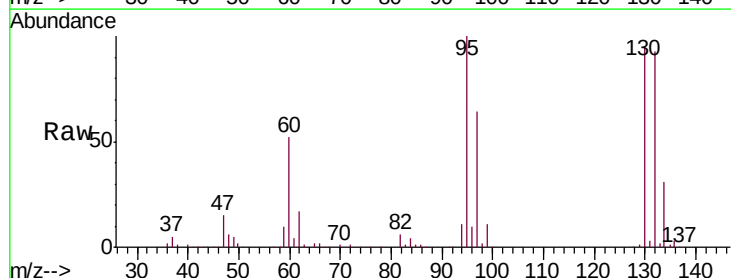
Instrument :
MSVOA_V
ClientSampleId :
BFCM0

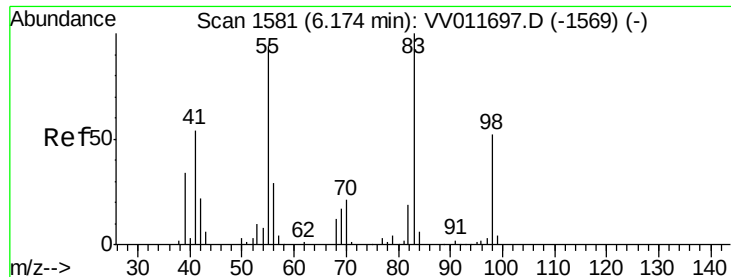
Tgt Ion: 83 Resp: 6523
Ion Ratio Lower Upper
83 100
85 62.8 47.0 87.2



#34
Trichloroethene
Concen: 22.937 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV011719.D
Acq: 22 Jun 2019 06:45

Tgt Ion: 95 Resp: 286710
Ion Ratio Lower Upper
95 100
97 64.0 44.4 82.5
132 92.5 65.0 120.6
130 95.5 67.1 124.7

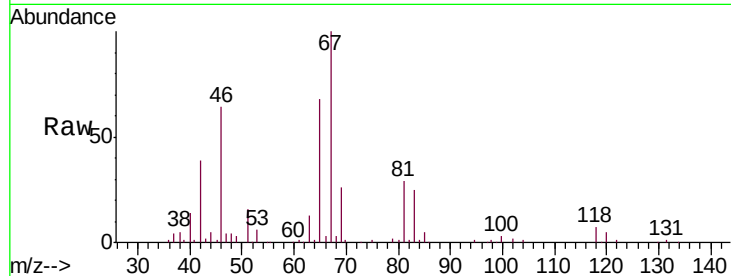




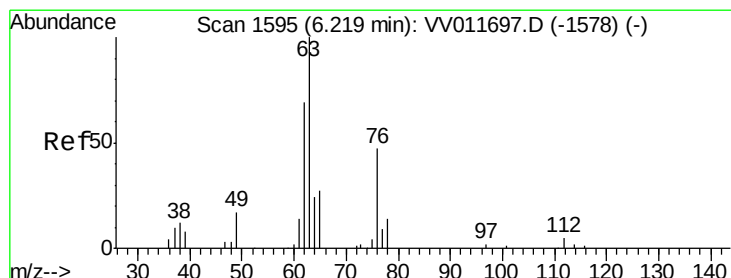
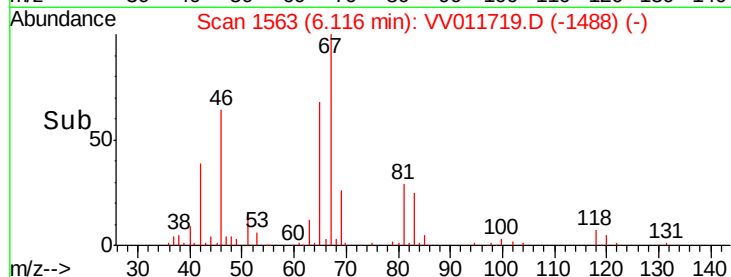
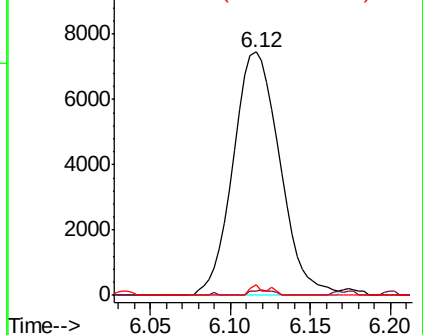
#35
Methylcyclohexane
Concen: 0.736 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011719.D
Acq: 22 Jun 2019 06:45

Instrument :
MSVOA_V
ClientSampleId :
BFCM0

Tgt Ion: 83 Resp: 14861
Ion Ratio Lower Upper
83 100
55 1.0 69.4 104.2#
98 0.0 40.2 60.4#

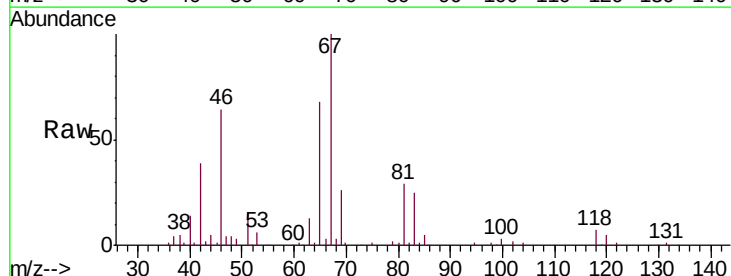


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0



#37
1,2-Dichloropropane
Concen: 0.647 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011719.D
Acq: 22 Jun 2019 06:45

Tgt Ion: 63 Resp: 7741
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

