

Data File : VV011702.D
Acq On : 21 Jun 2019 23:38
Operator : SY/MD
Sample : K3462-04
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCN2

Quant Time: Jun 24 05:47:56 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	153977	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	141663	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57553	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42840	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.57	69	31902	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.12	63	67988	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	3.95	46	149790	55.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.28%
24) Chloroform-d	4.40	84	73162	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.40%
26) 1,2-Dichloroethane-d4	5.08	65	55836	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.09	84	187702	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.12	67	59895	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.36	98	155678	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.67	79	17231	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.13	63	108425	54.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.66%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43203	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	53849	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

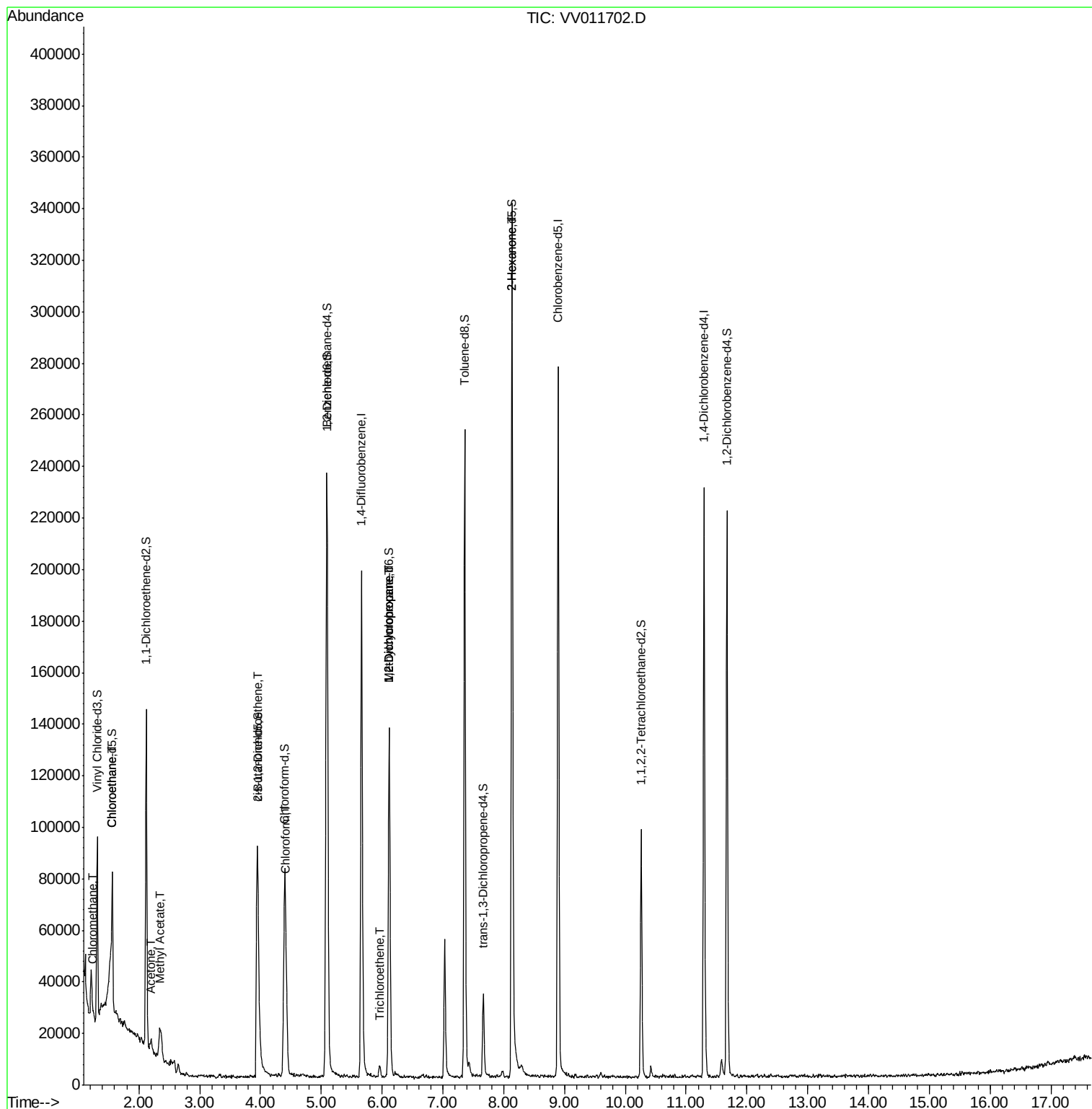
						Qvalue
3) Chloromethane	1.25	50	1389	0.096	ug/L	90
8) Chloroethane	1.56	64	1506	0.202	ug/L #	55
13) Acetone	2.20	43	4853	2.496	ug/L	85
15) Methyl Acetate	2.35	43	6393	1.320	ug/L #	58
22) cis-1,2-Dichloroethene	3.96	96	1124	0.091	ug/L	95
25) Chloroform	4.42	83	22449	0.918	ug/L	99
34) Trichloroethene	5.95	95	1417	0.114	ug/L	93
35) Methylcyclohexane	6.12	83	14495	0.721	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	7455	0.625	ug/L #	87
48) 2-Hexanone	8.13	43	16038	3.050	ug/L #	72

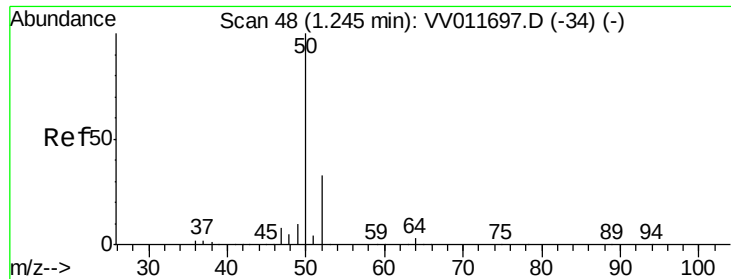
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.096 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

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Acq: 21 Jun 2019 23:38

Instrument :

MSVOA_V

ClientSampleId :

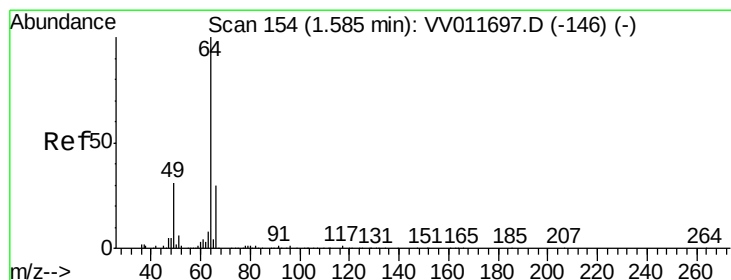
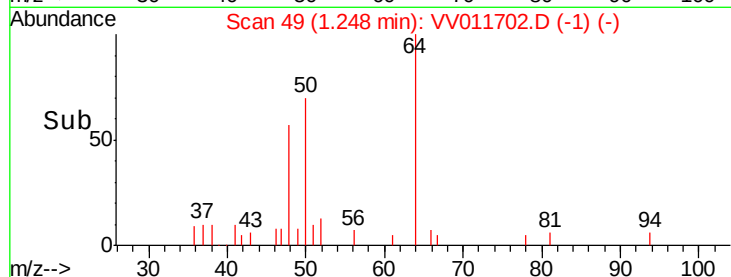
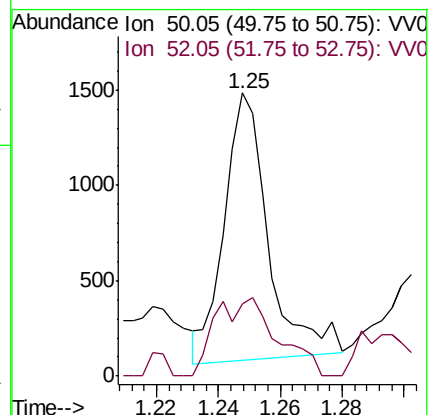
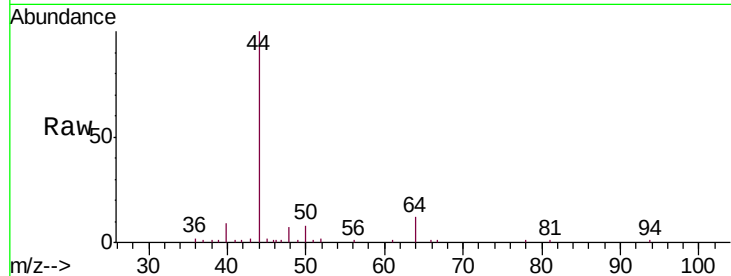
BFCN2

Tgt Ion: 50 Resp: 1389

Ion Ratio Lower Upper

50 100

52 25.6 22.0 40.8



#8

Chloroethane

Concen: 0.202 ug/L

RT: 1.56 min Scan# 146

Delta R.T. -0.03 min

Lab File: VV011702.D

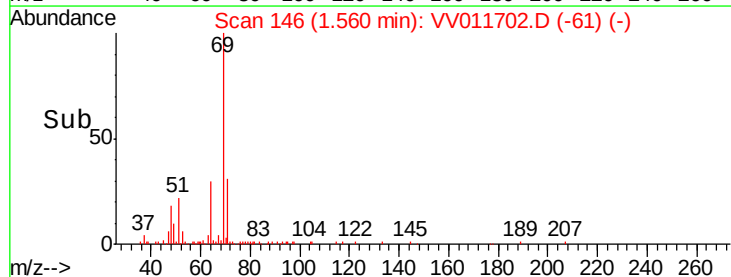
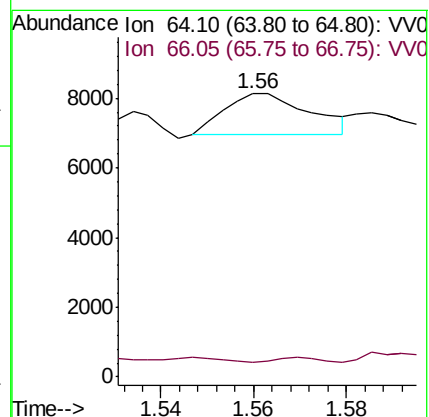
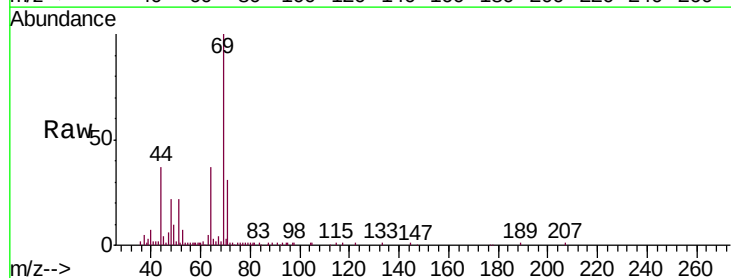
Acq: 21 Jun 2019 23:38

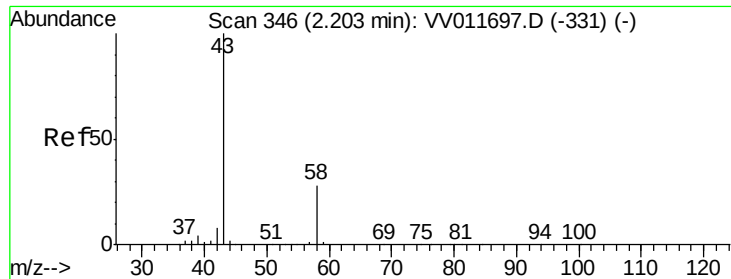
Tgt Ion: 64 Resp: 1506

Ion Ratio Lower Upper

64 100

66 5.1 20.6 38.4#





#13

Acetone

Concen: 2.496 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.00 min

Lab File: VV011702.D

Acq: 21 Jun 2019 23:38

Instrument :

MSVOA_V

ClientSampleId :

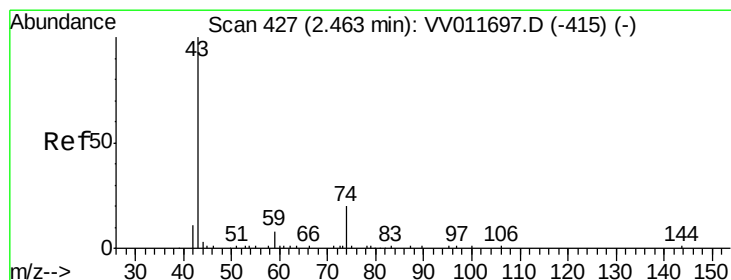
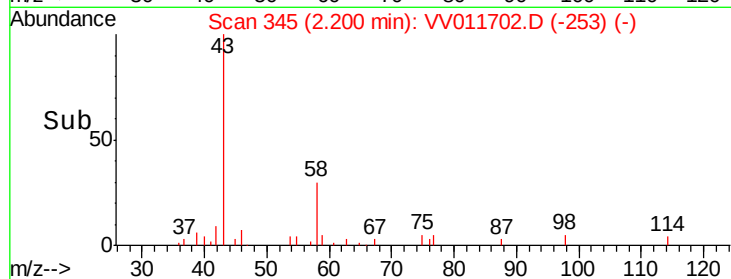
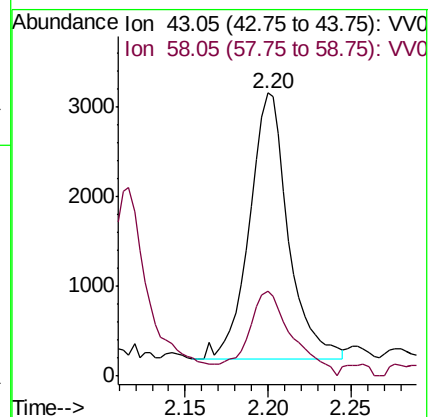
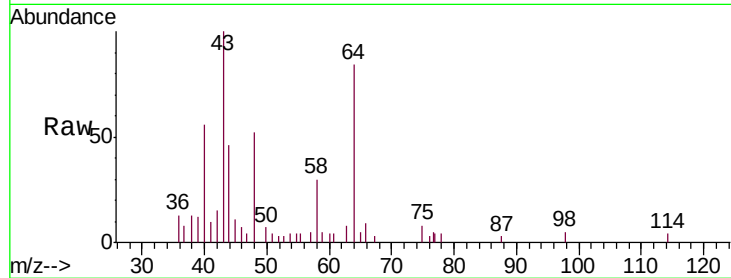
BFCN2

Tgt Ion: 43 Resp: 4853

Ion Ratio Lower Upper

43 100

58 36.3 0.0 56.6



#15

Methyl Acetate

Concen: 1.320 ug/L

RT: 2.35 min Scan# 391

Delta R.T. -0.12 min

Lab File: VV011702.D

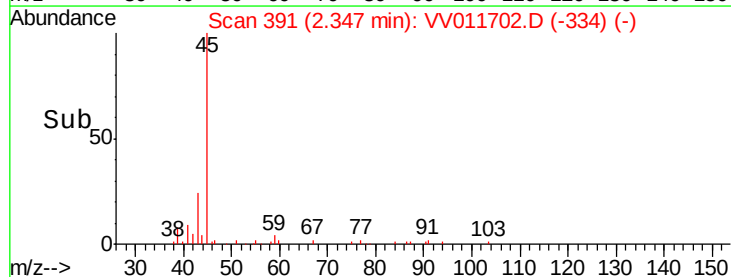
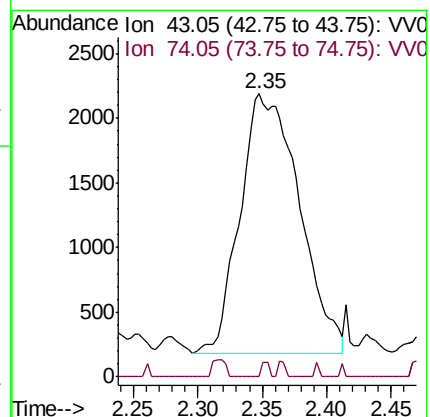
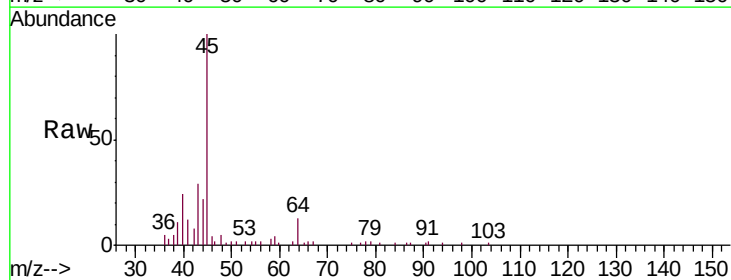
Acq: 21 Jun 2019 23:38

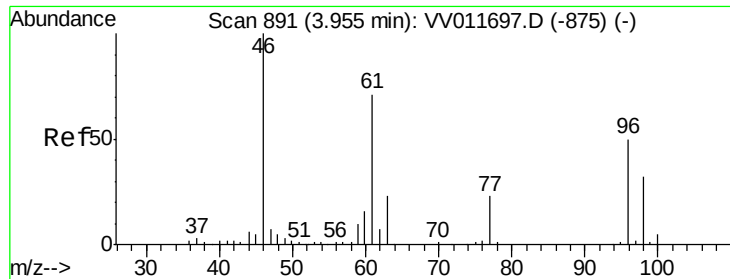
Tgt Ion: 43 Resp: 6393

Ion Ratio Lower Upper

43 100

74 0.7 16.2 24.2#



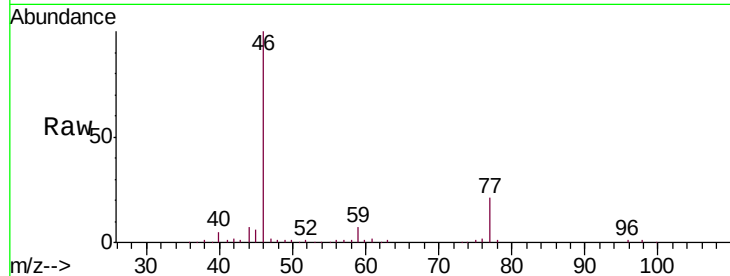


#22

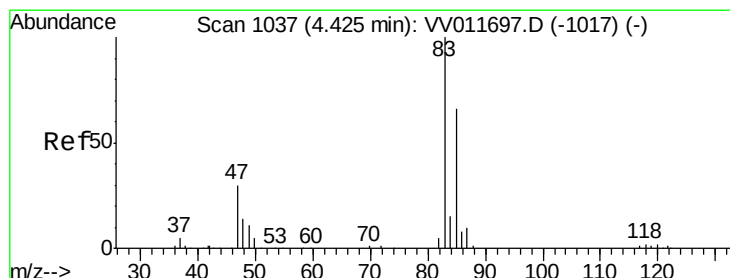
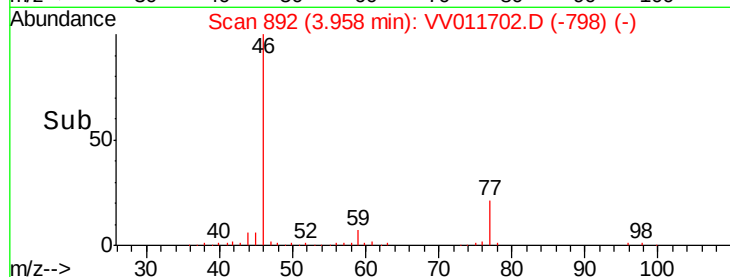
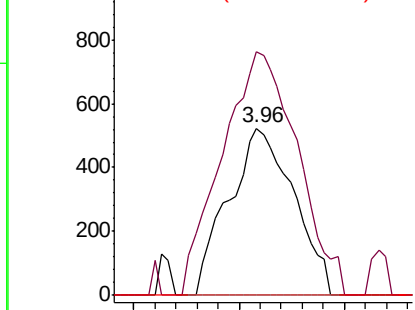
cis-1,2-Dichloroethene
 Concen: 0.091 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: VV011702.D
 Acq: 21 Jun 2019 23:38

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCN2

Tgt Ion: 96 Resp: 1124
 Ion Ratio Lower Upper
 96 100
 61 145.4 97.9 181.7
 68 0.0 0.0 0.0



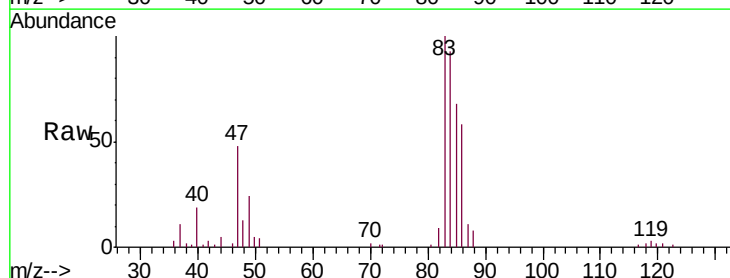
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



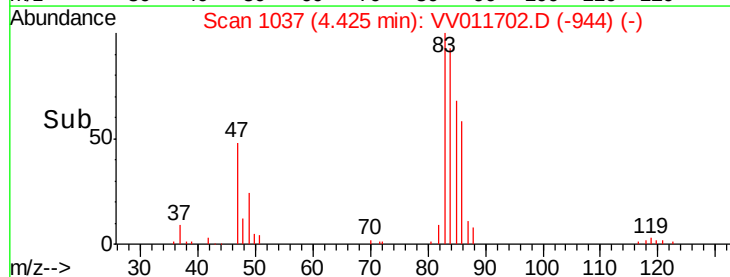
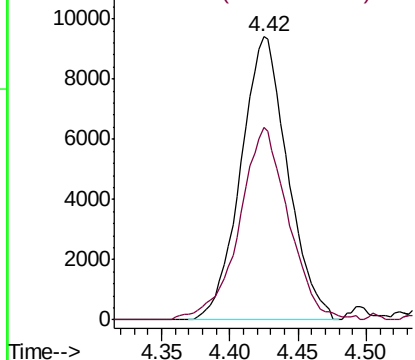
#25

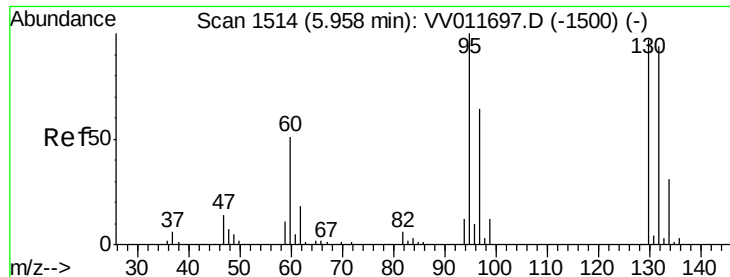
Chloroform
 Concen: 0.918 ug/L
 RT: 4.42 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VV011702.D
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Tgt Ion: 83 Resp: 22449
 Ion Ratio Lower Upper
 83 100
 85 67.8 47.0 87.2



Abundance Ion 83.05 (82.75 to 83.75): VV0
 Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 0.114 ug/L

RT: 5.95 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VV011702.D

Acq: 21 Jun 2019 23:38

Instrument :

MSVOA_V

ClientSampleId :

BFCN2

Tgt Ion: 95 Resp: 1417

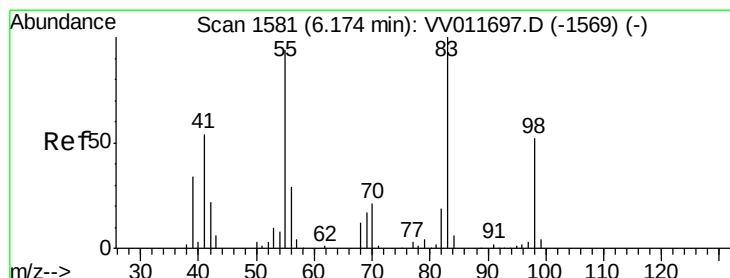
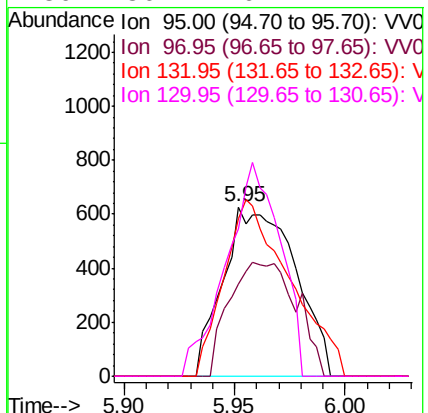
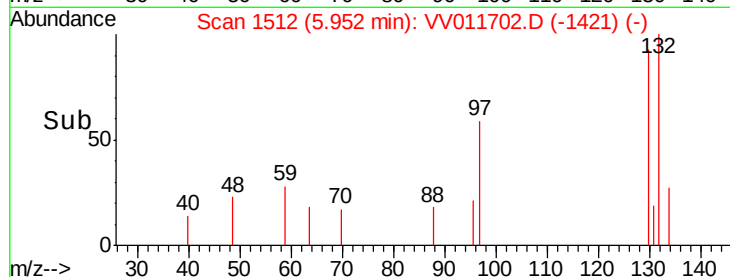
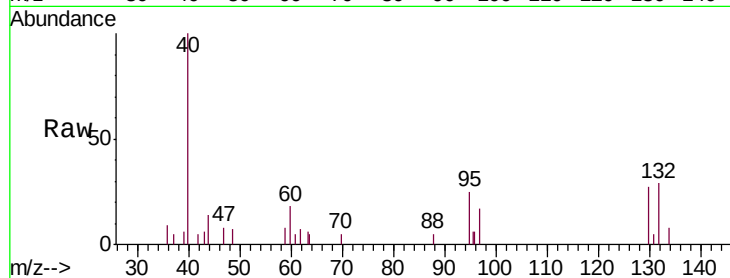
Ion Ratio Lower Upper

95 100

97 54.3 44.4 82.5

132 92.8 65.0 120.6

130 86.7 67.1 124.7



#35

Methylcyclohexane

Concen: 0.721 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV011702.D

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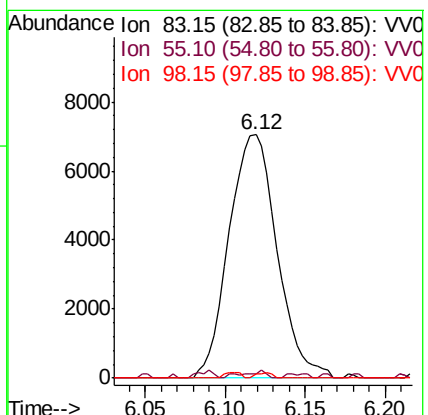
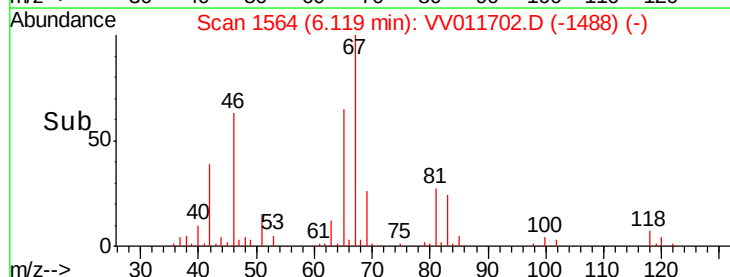
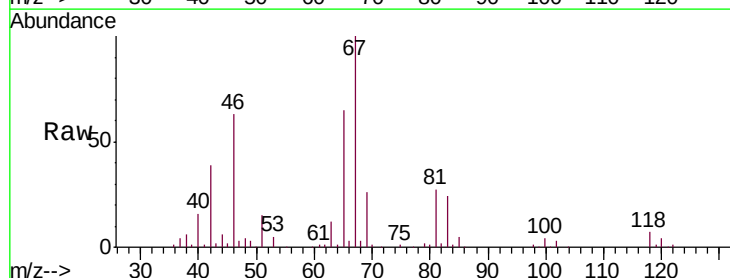
Tgt Ion: 83 Resp: 14495

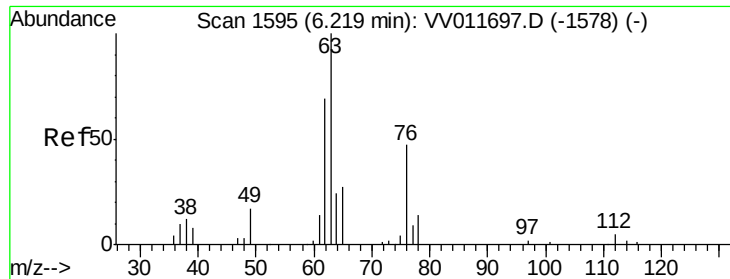
Ion Ratio Lower Upper

83 100

55 1.0 69.4 104.2#

98 0.7 40.2 60.4#

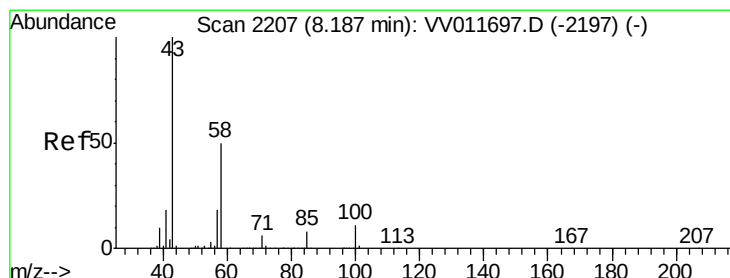
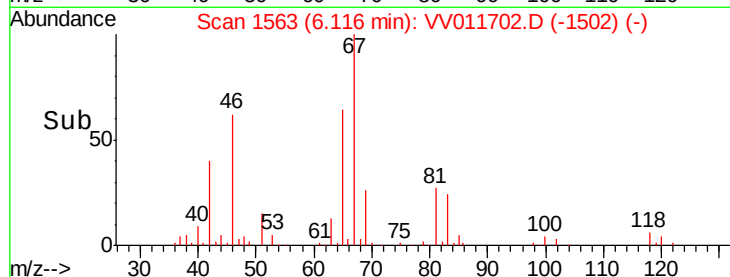
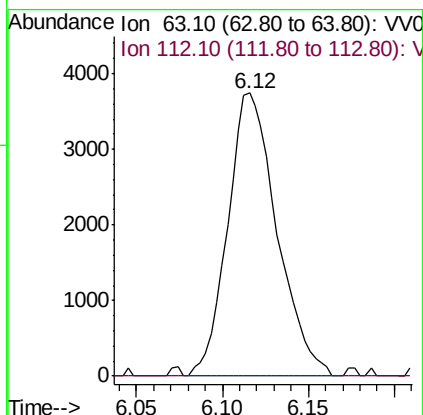
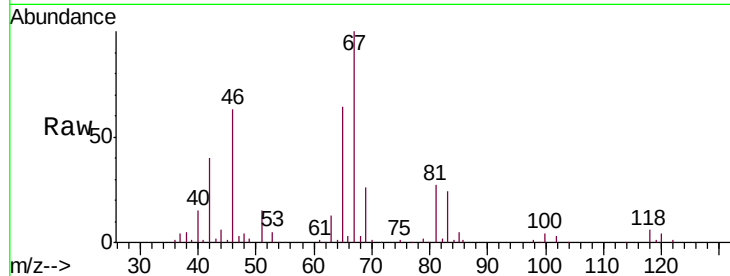




#37
 1,2-Dichloropropane
 Concen: 0.625 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011702.D
 Acq: 21 Jun 2019 23:38

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCN2

Tgt Ion: 63 Resp: 7455
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#48
 2-Hexanone
 Concen: 3.050 ug/L
 RT: 8.13 min Scan# 2191
 Delta R.T. -0.05 min
 Lab File: VV011702.D
 Acq: 21 Jun 2019 23:38

Tgt Ion: 43 Resp: 16038
 Ion Ratio Lower Upper
 43 100
 58 28.0 40.1 60.1#
 57 26.8 14.4 21.6#
 100 1.8 8.6 12.8#

