

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
 Data File : VV017142.D
 Acq On : 25 Jun 2020 21:12
 Operator : SY/MD
 Sample : L3106-12
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXN4

Quant Time: Jun 26 01:39:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 01:31:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	165223	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	162380	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	72974	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48832	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.58	69	38954	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.00%
11) 1,1-Dichloroethene-d2	2.13	63	72360	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	3.94	46	115568	45.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.46%
24) Chloroform-d	4.38	84	108758	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.06	65	57529	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.07	84	193384	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.10	67	56829	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.34	98	169262	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
45) trans-1,3-Dichloropropene-	7.64	79	21554	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
48) 2-Hexanone-d5	8.11	63	83263	41.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.20%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39723	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	66126	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

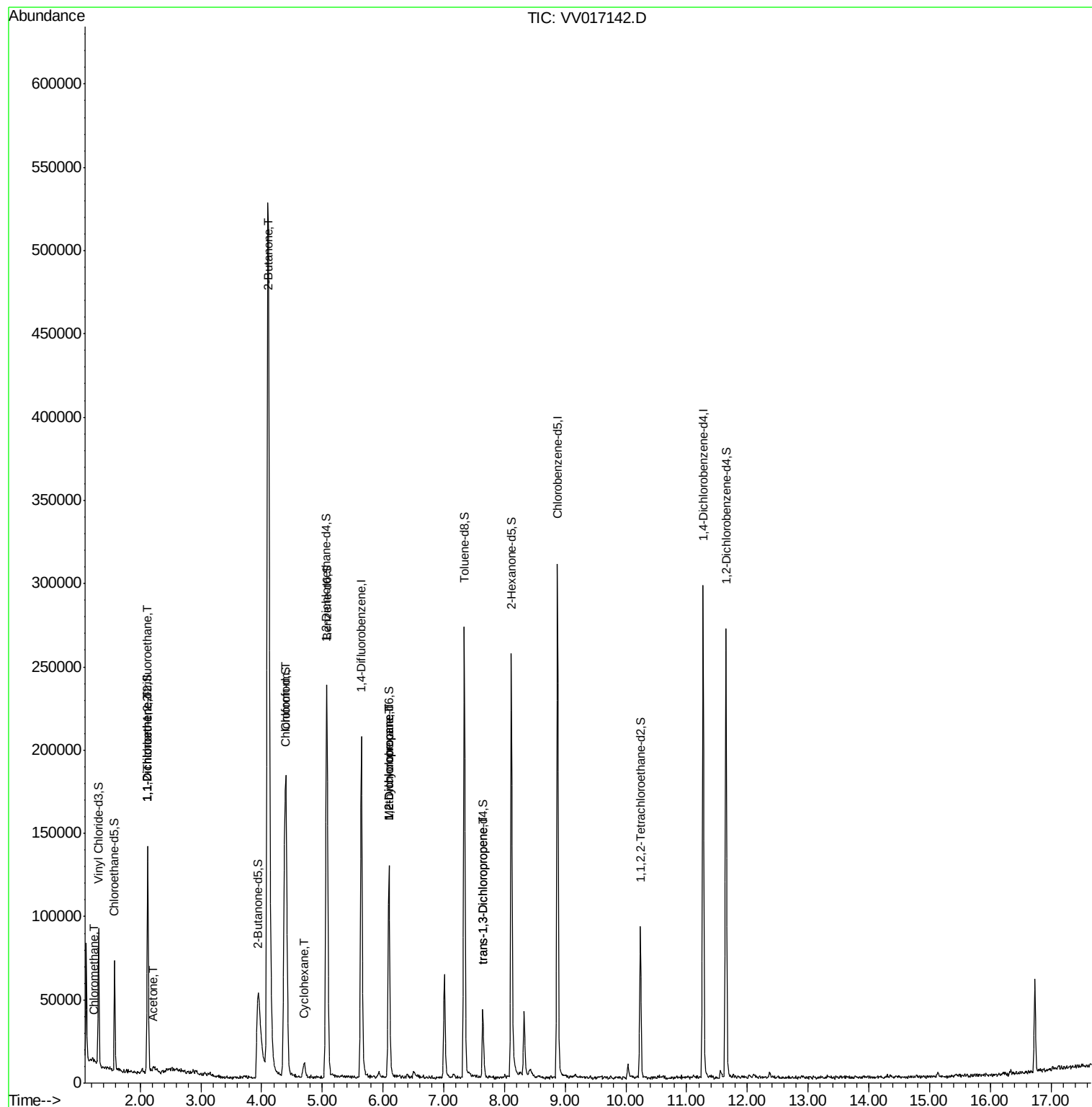
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	843	0.075	ug/L	87
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	761	0.087	ug/L #	17
12) 1,1-Dichloroethene	2.13	96	701	0.088	ug/L #	1
13) Acetone	2.23	43	3450	2.700	ug/L	55
21) 2-Butanone	4.11	43	920434	382.195	ug/L #	50
25) Chloroform	4.40	83	131704	6.386	ug/L	100
30) Cyclohexane	4.69	56	4234	0.229	ug/L #	81
35) Methylcyclohexane	6.10	83	15004	0.775	ug/L #	19
37) 1,2-Dichloropropane	6.10	63	7510	0.713	ug/L #	86
46) trans-1,3-Dichloropropene	7.64	75	1279	0.095	ug/L	84

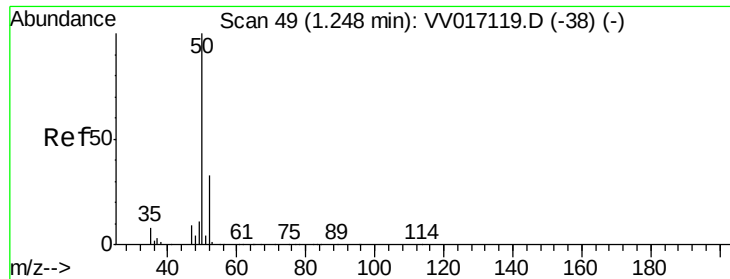
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.075 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV017142.D

Acq: 25 Jun 2020 21:12

Instrument :

MSVOA_V

ClientSampleId :

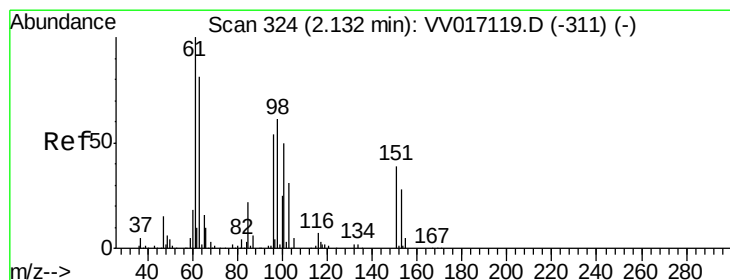
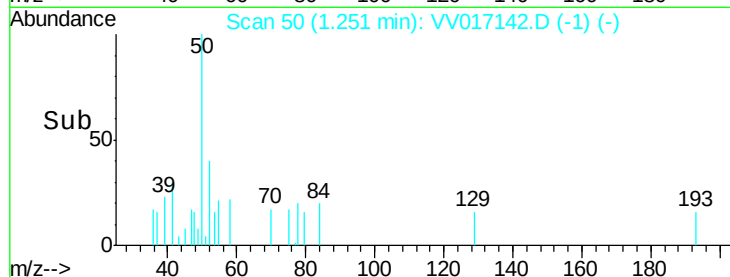
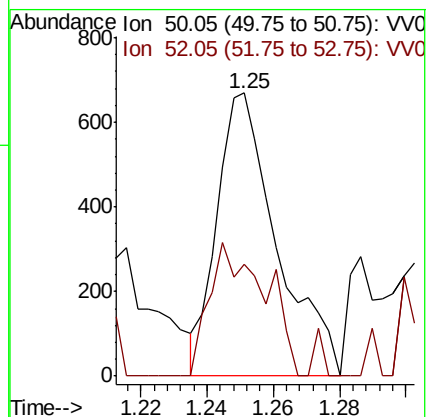
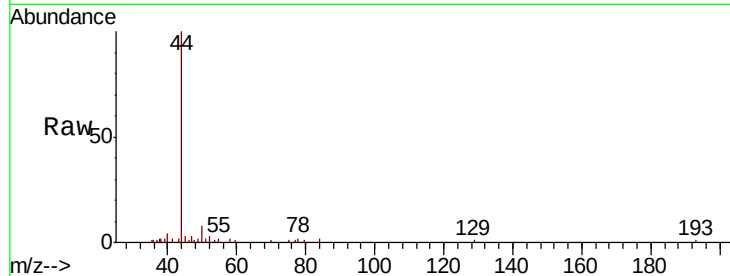
BFXN4

Tot Ion: 50 Resp: 843

Ion Ratio Lower Upper

50 100

52 39.6 22.5 41.9



#10

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

Concen: 0.087 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017142.D

Acq: 25 Jun 2020 21:12

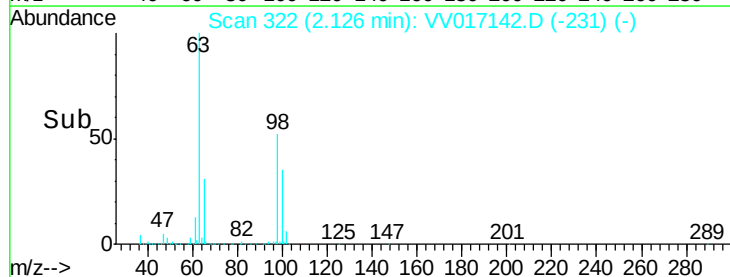
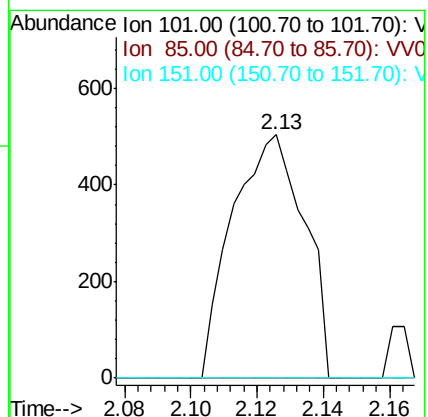
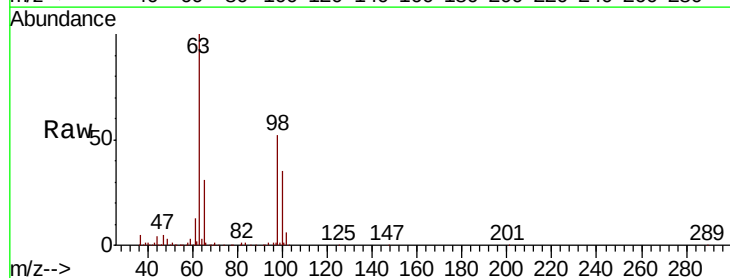
Tgt Ion: 101 Resp: 761

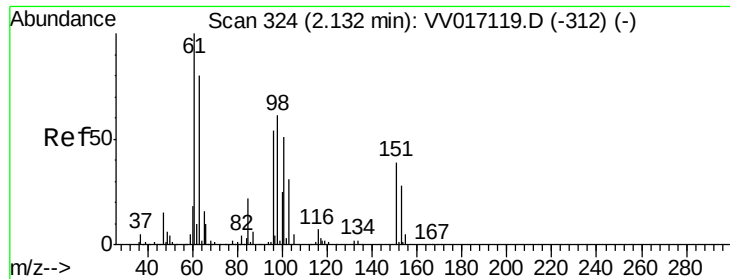
Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.2#

151 0.0 63.9 95.9#

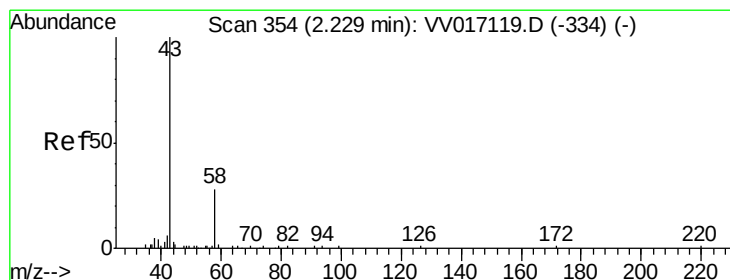
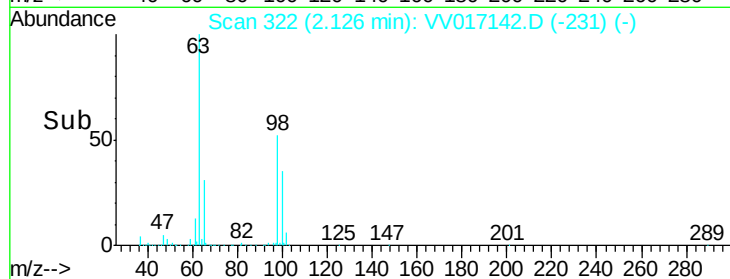
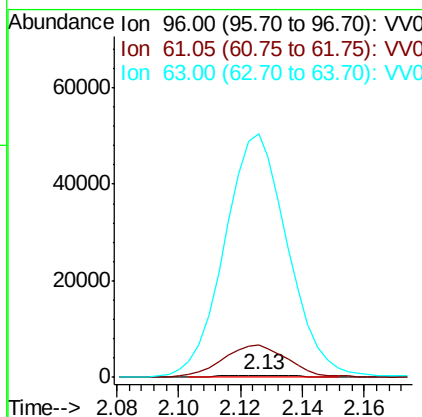
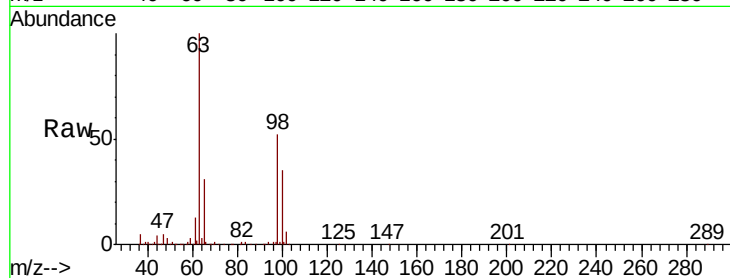




#12
 1,1-Dichloroethene
 Concen: 0.088 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV017142.D
 Acq: 25 Jun 2020 21:12

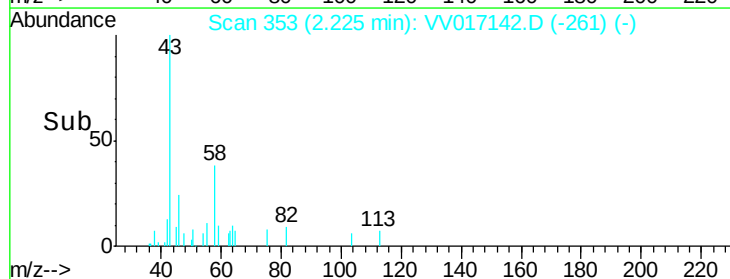
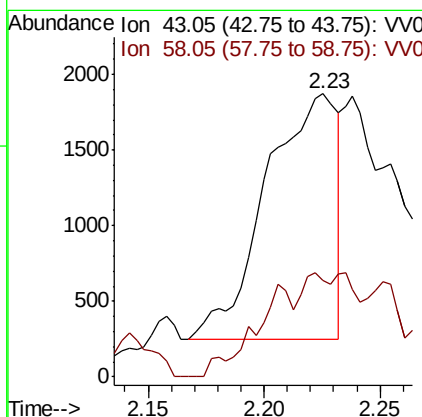
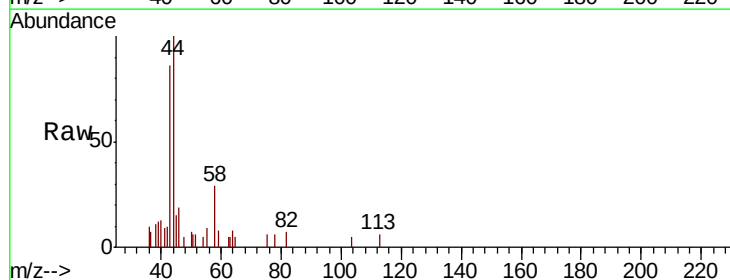
Instrument :
 MSVOA_V
 ClientSampleId :
 BFXN4

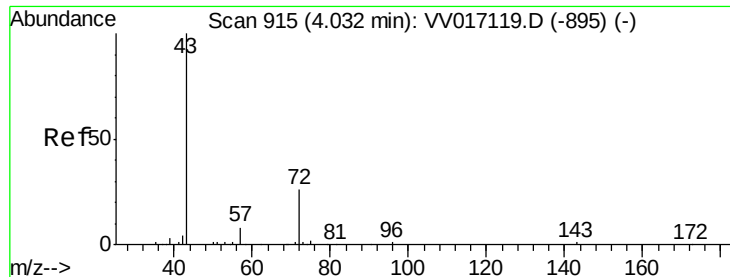
Tot Ion: 96 Resp: 701
 Ion Ratio Lower Upper
 96 100
 61 1502.9 125.0 232.2#
 63 11435.8 109.8 203.8#



#13
 Acetone
 Concen: 2.700 ug/L
 RT: 2.23 min Scan# 353
 Delta R.T. -0.00 min
 Lab File: VV017142.D
 Acq: 25 Jun 2020 21:12

Tgt Ion: 43 Resp: 3450
 Ion Ratio Lower Upper
 43 100
 58 5.3 0.0 58.4





#21

2-Butanone

Concen: 382.195 ug/L

RT: 4.11 min Scan# 939

Delta R.T. 0.08 min

Lab File: VV017142.D

Acq: 25 Jun 2020 21:12

Instrument :

MSVOA_V

ClientSampleId :

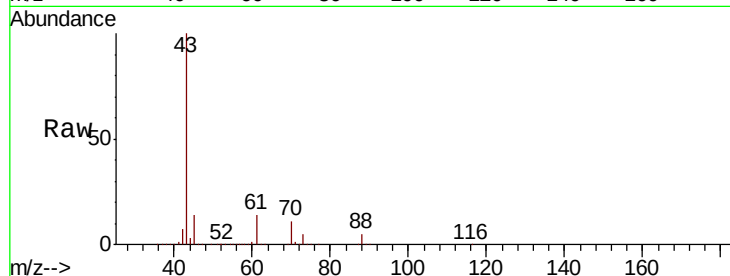
BFXN4

Tot Ion: 43 Resp: 920434

Ion Ratio Lower Upper

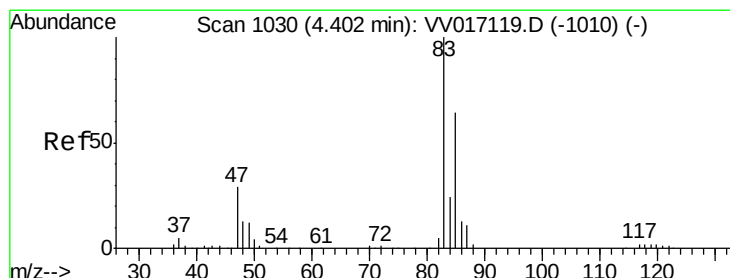
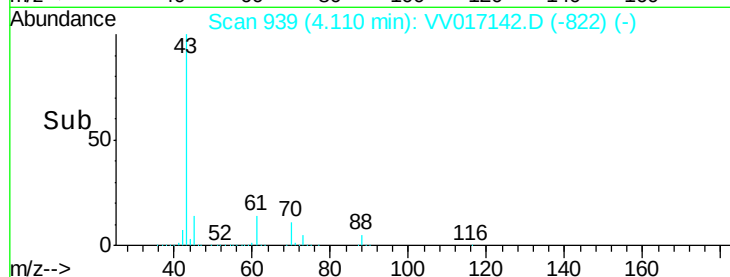
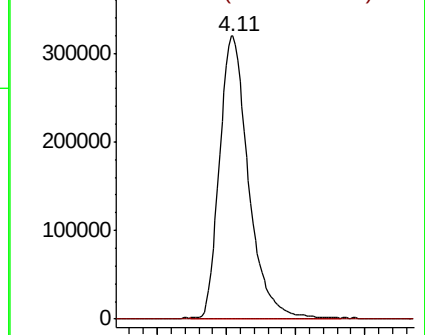
43 100

72 0.0 12.4 37.4#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0



#25

Chloroform

Concen: 6.386 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VV017142.D

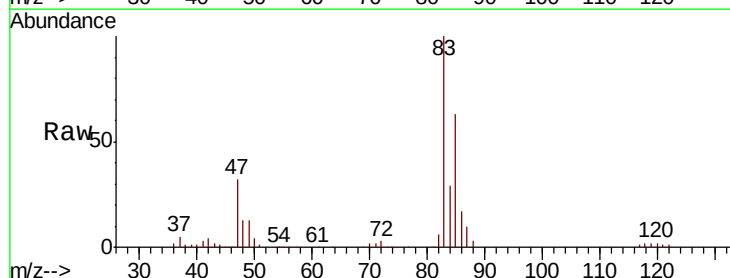
Acq: 25 Jun 2020 21:12

Tgt Ion: 83 Resp: 131704

Ion Ratio Lower Upper

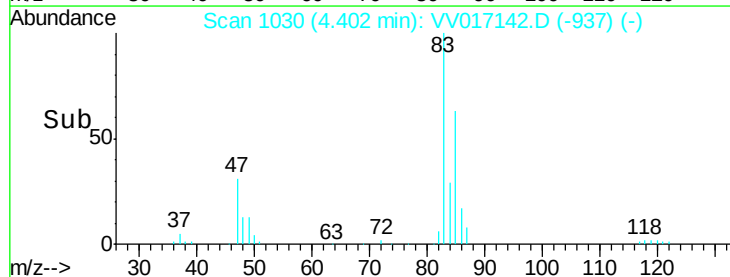
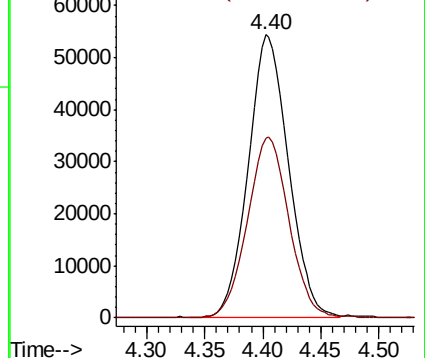
83 100

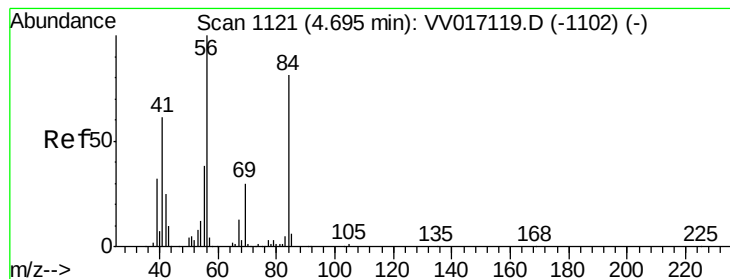
85 63.3 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#30

Cyclohexane

Concen: 0.229 ug/L

RT: 4.69 min Scan# 1121

Delta R.T. -0.00 min

Lab File: VV017142.D

Acq: 25 Jun 2020 21:12

Instrument :

MSVOA_V

ClientSampleId :

BFXN4

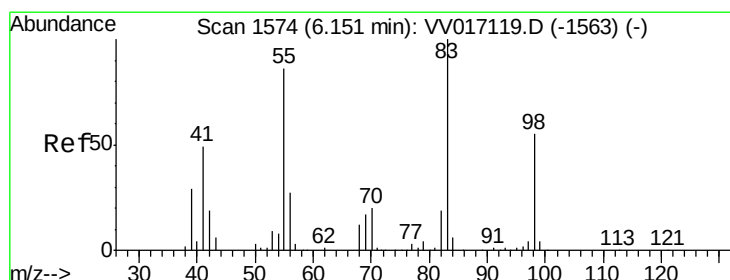
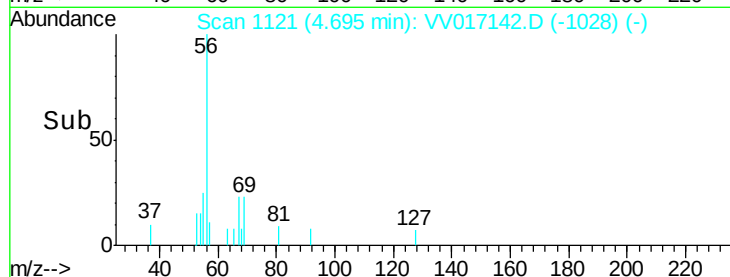
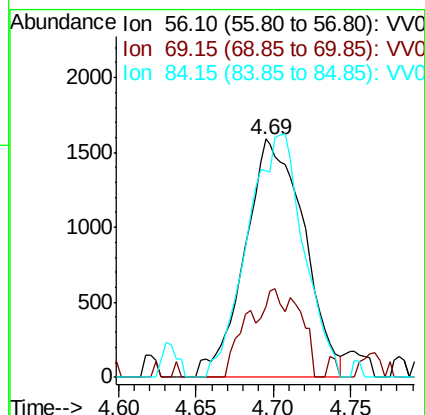
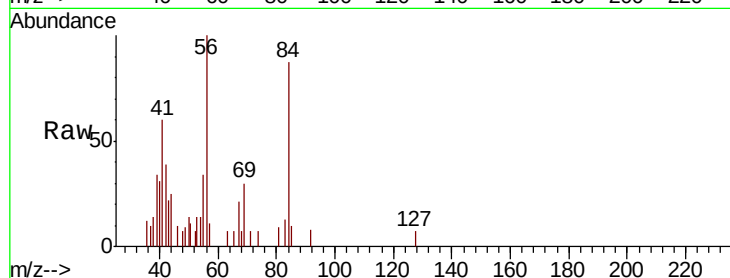
Tot Ion: 56 Resp: 4234

Ion Ratio Lower Upper

56 100

69 5.4 24.4 36.6#

84 96.6 69.9 104.9



#35

Methylcyclohexane

Concen: 0.775 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV017142.D

Acq: 25 Jun 2020 21:12

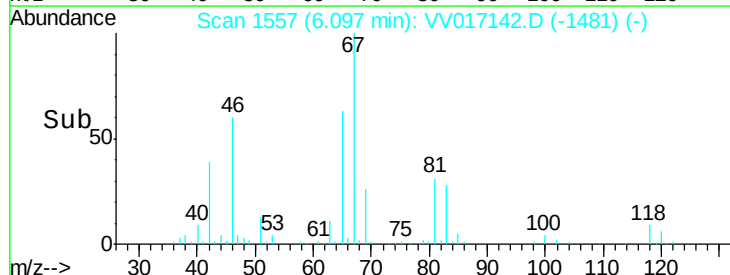
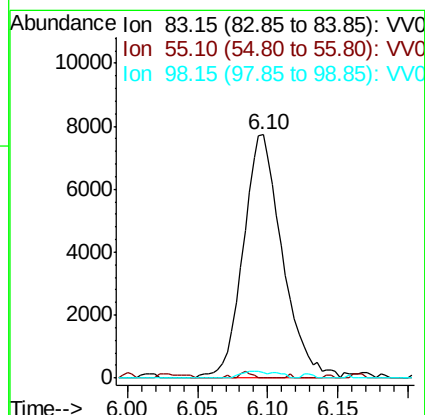
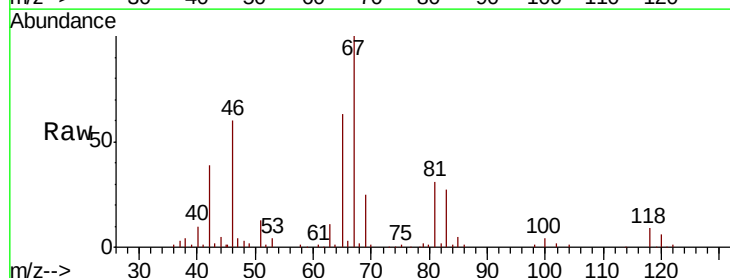
Tgt Ion: 83 Resp: 15004

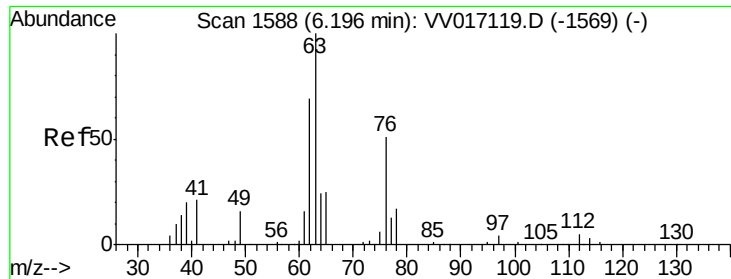
Ion Ratio Lower Upper

83 100

55 0.7 63.6 95.4#

98 2.5 38.8 58.2#

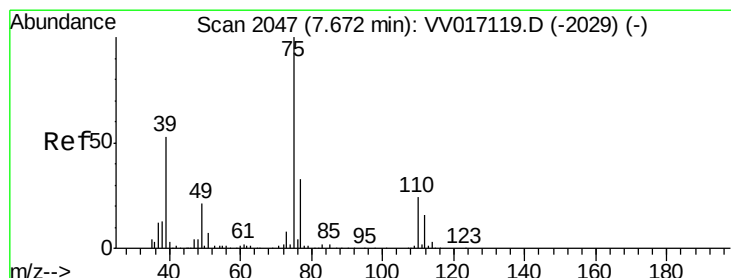
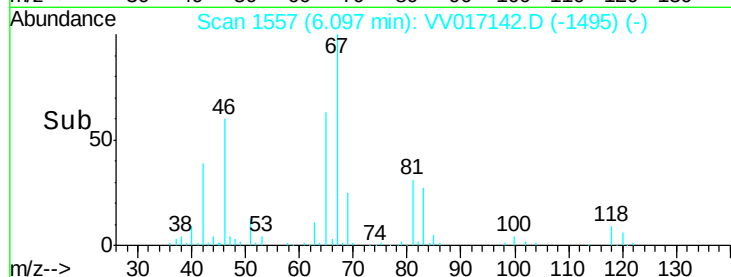
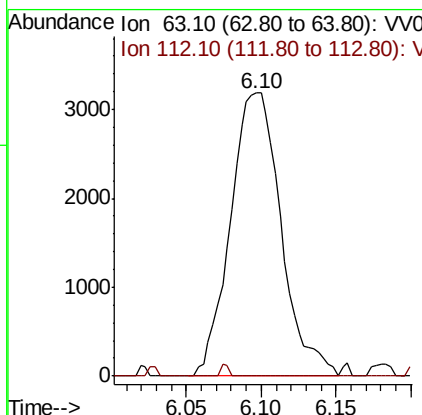
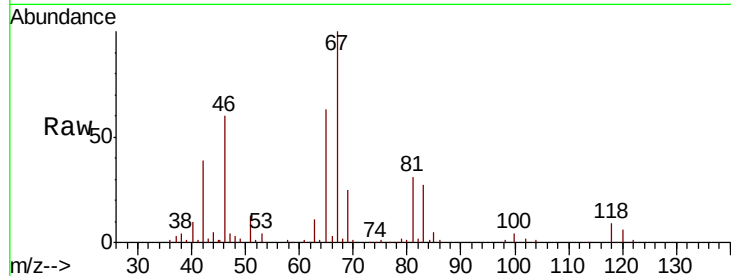




#37
 1,2-Dichloropropane
 Concen: 0.713 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV017142.D
 Acq: 25 Jun 2020 21:12

Instrument :
 MSVOA_V
 ClientSampled :
 BFXN4

Tot Ion: 63 Resp: 7510
 Ion Ratio Lower Upper
 63 100
 112 0.7 4.4 6.6#



#46
 trans-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV017142.D
 Acq: 25 Jun 2020 21:12

Tgt Ion: 75 Resp: 1279
 Ion Ratio Lower Upper
 75 100
 77 40.6 22.3 41.3

