

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
 Data File : VV017088.D
 Acq On : 24 Jun 2020 21:53
 Operator : SY/MD
 Sample : L3105-12
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXL5

Quant Time: Jun 25 01:23:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 01:16:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	166655	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	160788	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	74713	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39173	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.58	69	33011	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.13	63	60803	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	3.93	46	123696	48.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.04%
24) Chloroform-d	4.38	84	105090	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.06	65	57061	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.08	84	195049	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.09	67	58991	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.34	98	177753	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
45) trans-1,3-Dichloropropene-	7.64	79	22147	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
48) 2-Hexanone-d5	8.11	63	90581	45.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.42%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	41774	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	71739	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

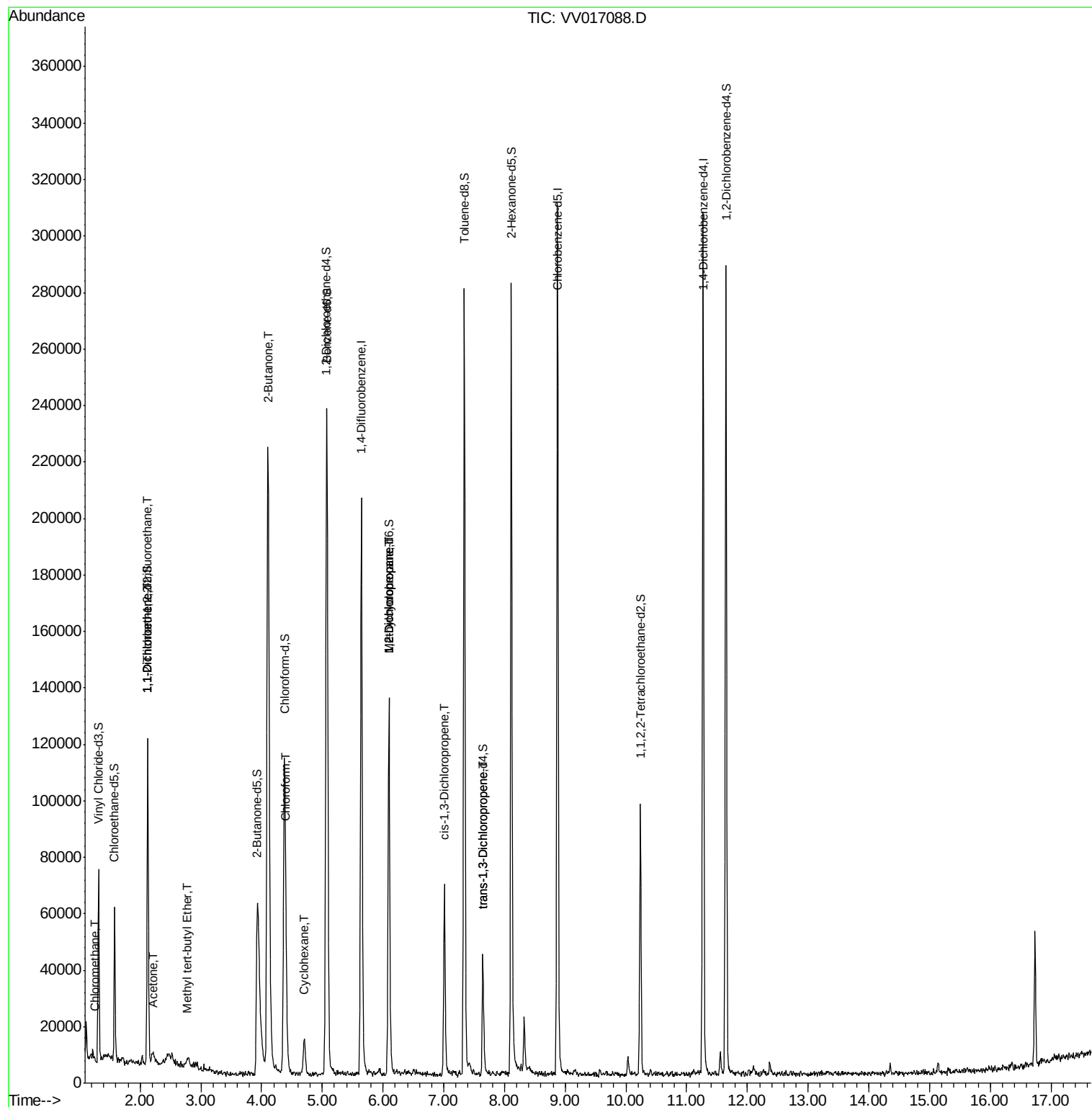
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	920	0.082	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	653	0.074	ug/L #	26
12) 1,1-Dichloroethene	2.13	96	665	0.083	ug/L #	1
13) Acetone	2.22	43	8818	6.843	ug/L	71
17) Methyl tert-butyl Ether	2.78	73	1502	0.075	ug/L #	48
21) 2-Butanone	4.11	43	373203	153.635	ug/L #	50
25) Chloroform	4.41	83	18878	0.908	ug/L	99
30) Cyclohexane	4.70	56	6300	0.344	ug/L	94
35) Methylcyclohexane	6.10	83	15306	0.799	ug/L #	18
37) 1,2-Dichloropropane	6.10	63	7118	0.683	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2131	0.138	ug/L #	54
46) trans-1,3-Dichloropropene	7.64	75	1107	0.083	ug/L	85

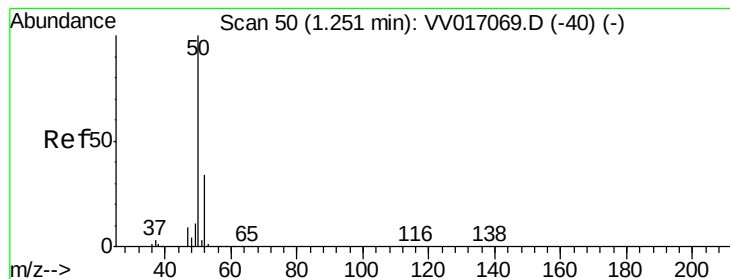
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV062420\
Data File : VV017088.D
Acq On : 24 Jun 2020 21:53
Operator : SY/MD
Sample : L3105-12
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
BFXL5

Quant Time: Jun 25 01:23:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 25 01:16:55 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.082 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV017088.D

Acq: 24 Jun 2020 21:53

Instrument :

MSVOA_V

ClientSampleId :

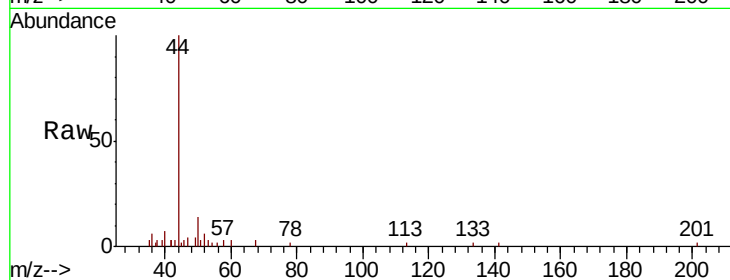
BFXL5

Tot Ion: 50 Resp: 920

Ion Ratio Lower Upper

50 100

52 36.9 22.5 41.9



Abundance Ion 50.05 (49.75 to 50.75): VV017069.D (-40) (-)

Ion 52.05 (51.75 to 52.75): VV017069.D (-40) (-)

1.25

800

600

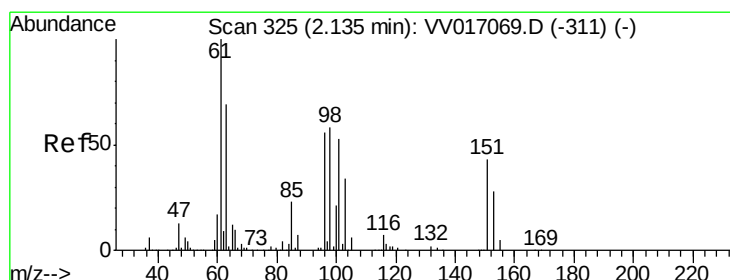
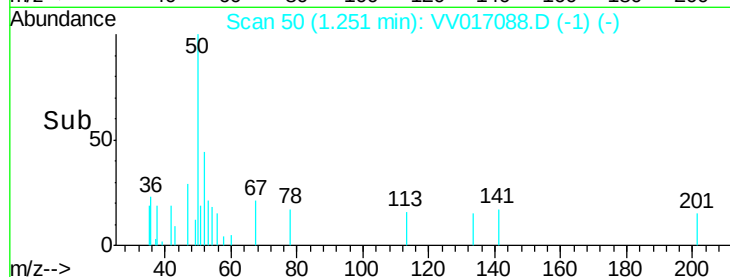
400

200

0

1.22 1.24 1.26 1.28

Time-->



#10

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

Concen: 0.074 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017088.D

Acq: 24 Jun 2020 21:53

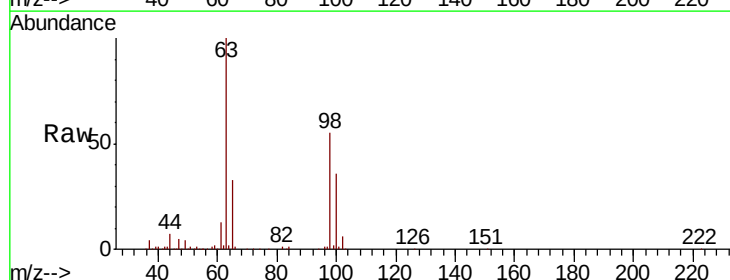
Tgt Ion: 101 Resp: 653

Ion Ratio Lower Upper

101 100

85 6.4 35.4 53.2#

151 6.7 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): VV017069.D (-311) (-)

Ion 85.00 (84.70 to 85.70): VV017069.D (-311) (-)

Ion 151.00 (150.70 to 151.70): VV017069.D (-311) (-)

2.13

400

300

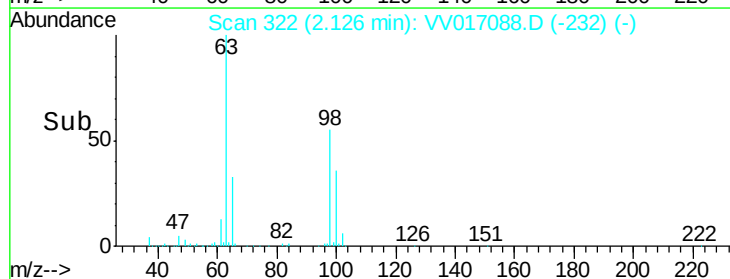
200

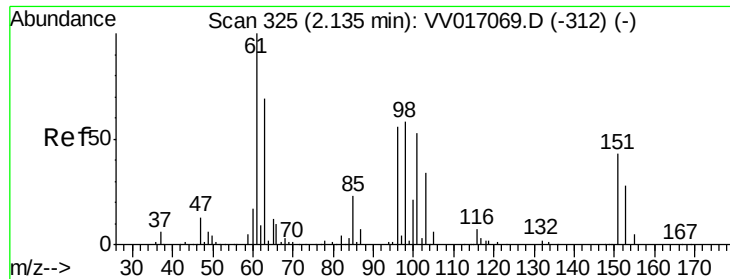
100

0

2.08 2.10 2.12 2.14 2.16

Time-->

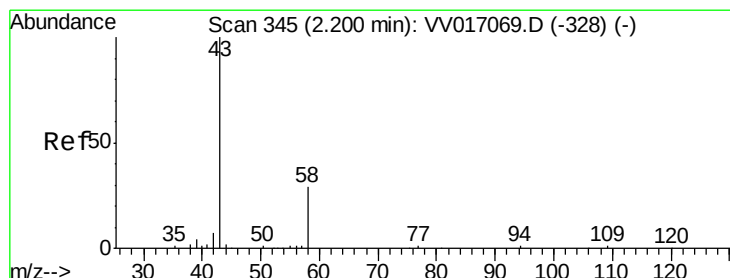
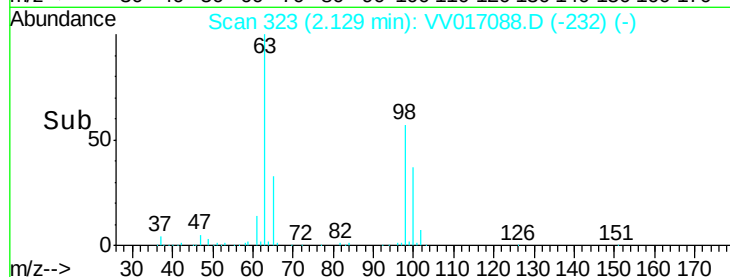
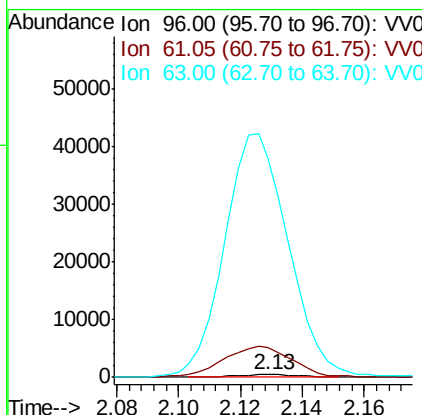
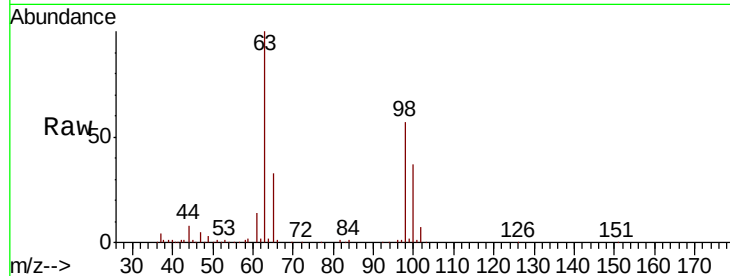




#12
 1,1-Dichloroethene
 Concen: 0.083 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV017088.D
 Acq: 24 Jun 2020 21:53

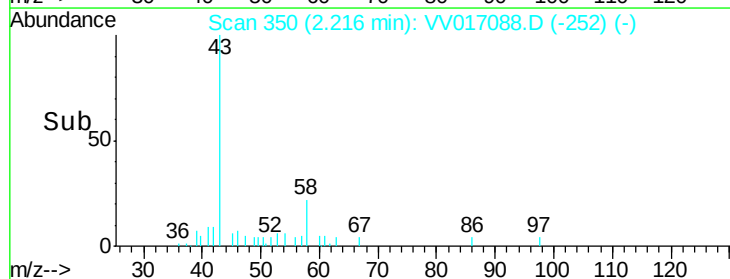
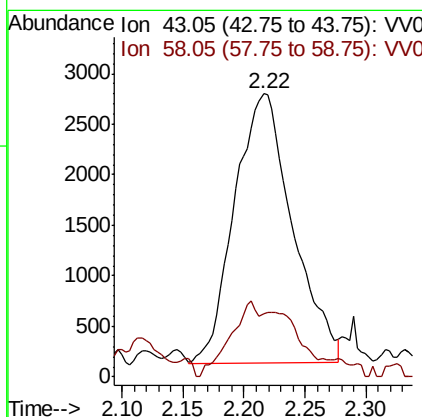
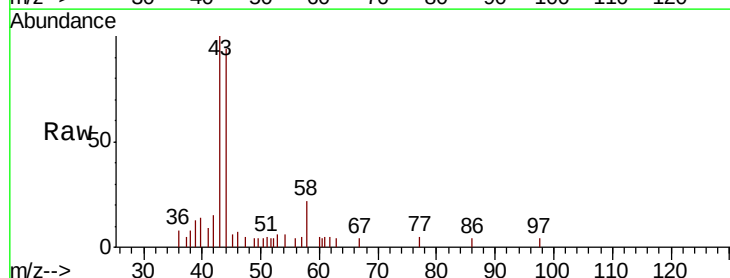
Instrument :
 MSVOA_V
 ClientSampled :
 BFXL5

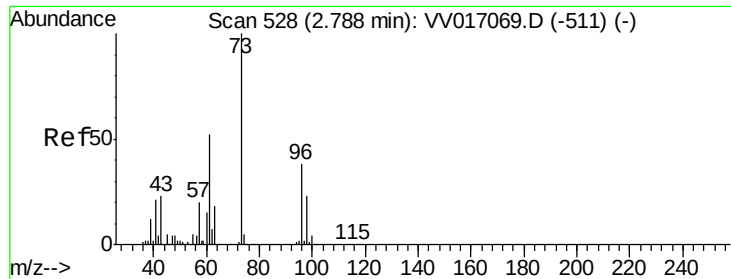
Tot Ion: 96 Resp: 665
 Ion Ratio Lower Upper
 96 100
 61 1199.5 125.0 232.2#
 63 8743.0 109.8 203.8#



#13
 Acetone
 Concen: 6.843 ug/L
 RT: 2.22 min Scan# 350
 Delta R.T. 0.02 min
 Lab File: VV017088.D
 Acq: 24 Jun 2020 21:53

Tgt Ion: 43 Resp: 8818
 Ion Ratio Lower Upper
 43 100
 58 13.7 0.0 58.4

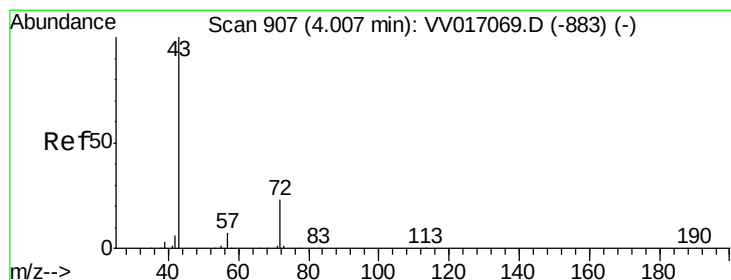
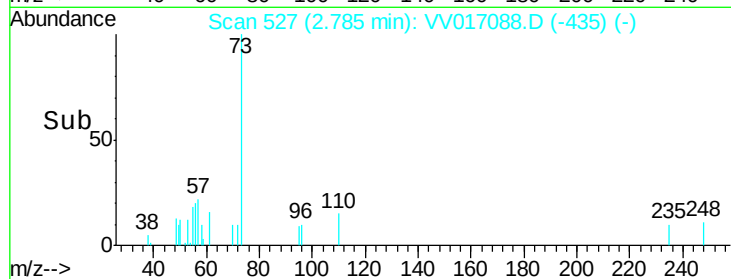
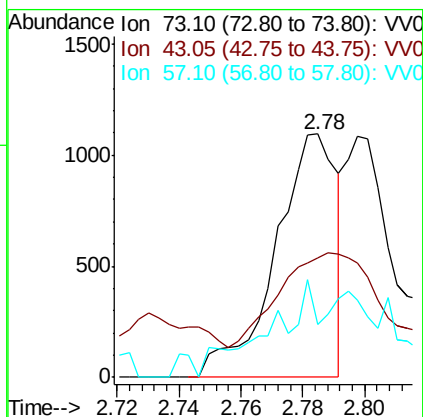
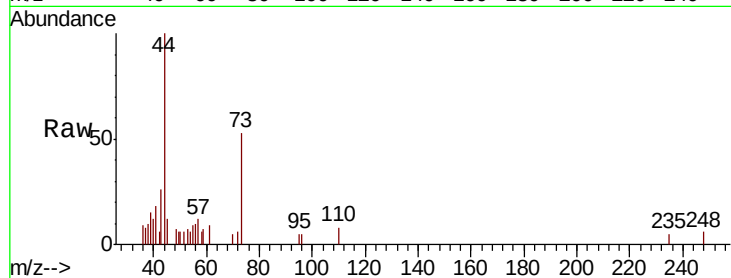




#17
Methyl tert-butyl Ether
Concen: 0.075 ug/L
RT: 2.78 min Scan# 527
Delta R.T. -0.00 min
Lab File: VV017088.D
Acq: 24 Jun 2020 21:53

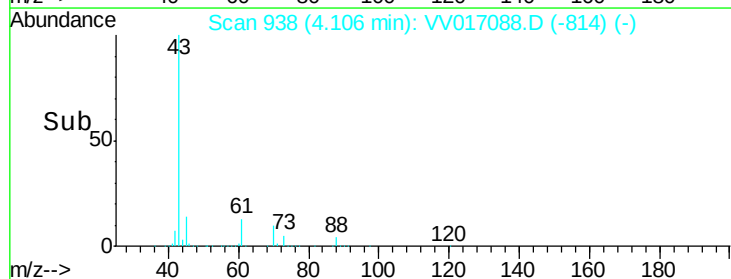
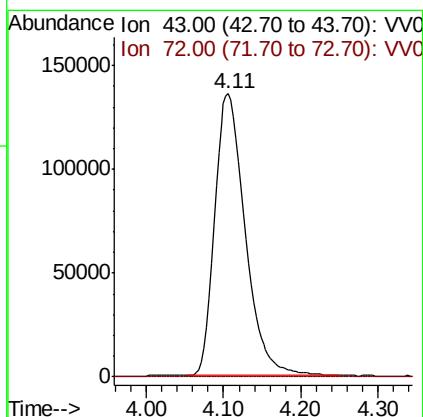
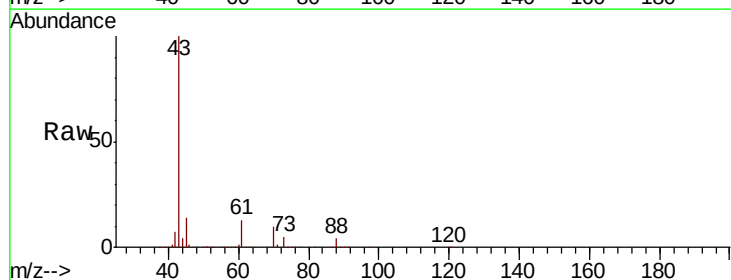
Instrument :
MSVOA_V
ClientSampled :
BFXL5

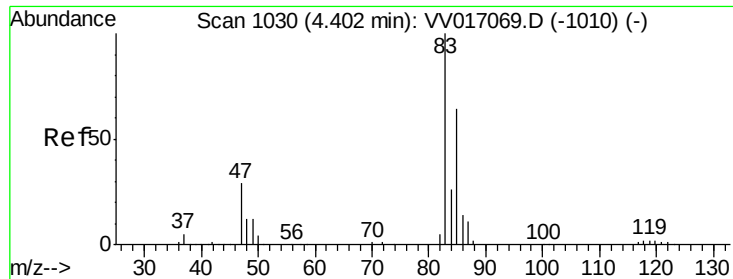
Tot Ion: 73 Resp: 1502
Ion Ratio Lower Upper
73 100
43 60.6 18.6 28.0#
57 31.6 16.4 24.6#



#21
2-Butanone
Concen: 153.635 ug/L
RT: 4.11 min Scan# 938
Delta R.T. 0.10 min
Lab File: VV017088.D
Acq: 24 Jun 2020 21:53

Tgt Ion: 43 Resp: 373203
Ion Ratio Lower Upper
43 100
72 0.1 12.4 37.4#

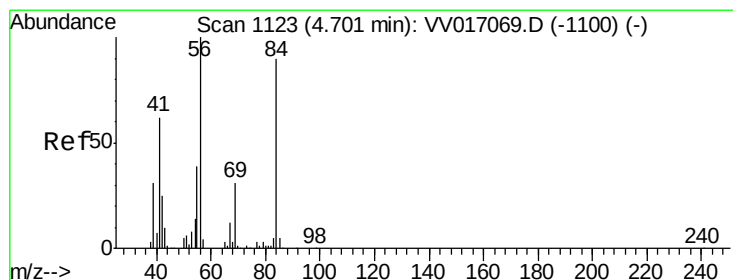
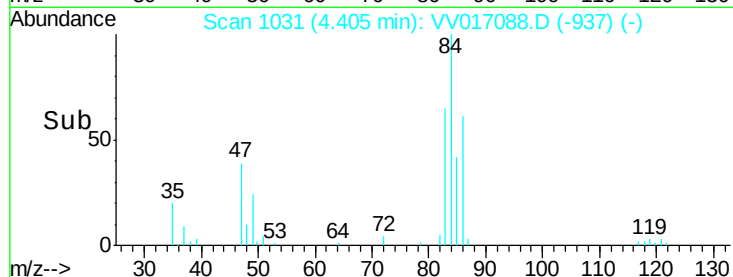
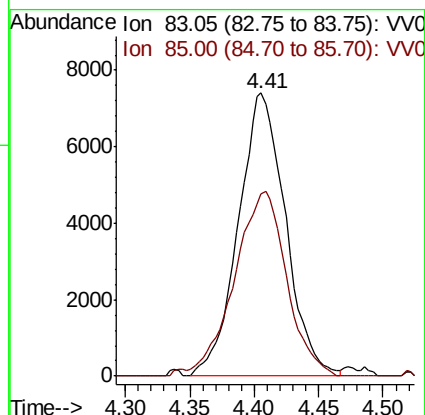
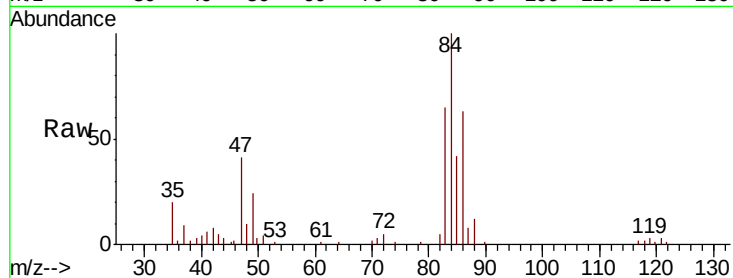




#25
Chloroform
Concen: 0.908 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV017088.D
Acq: 24 Jun 2020 21:53

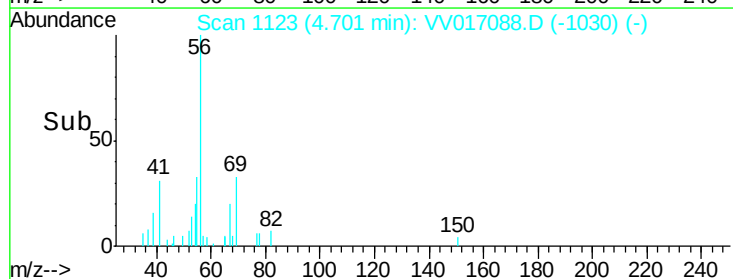
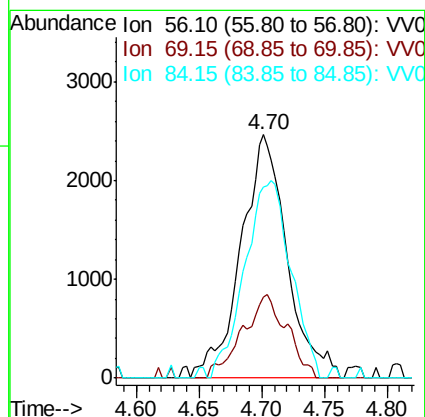
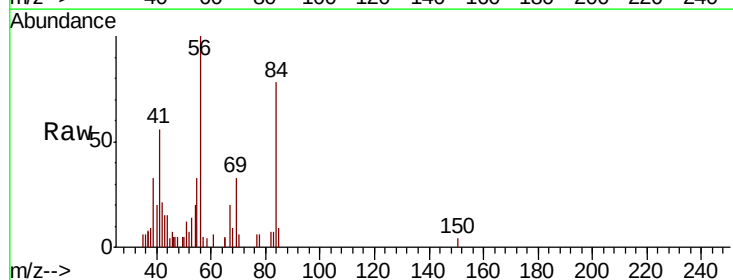
Instrument :
MSVOA_V
ClientSampled :
BFXL5

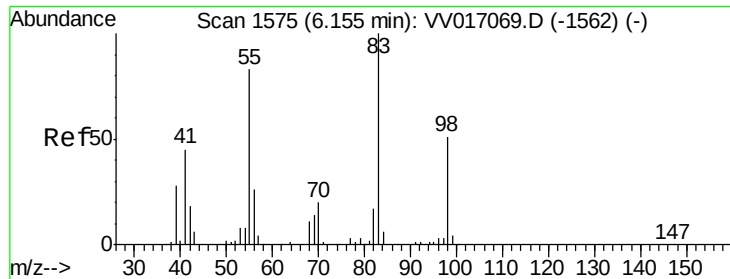
Tot Ion: 83 Resp: 18878
Ion Ratio Lower Upper
83 100
85 64.2 44.2 82.2



#30
Cyclohexane
Concen: 0.344 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VV017088.D
Acq: 24 Jun 2020 21:53

Tgt Ion: 56 Resp: 6300
Ion Ratio Lower Upper
56 100
69 33.1 24.4 36.6
84 81.0 69.9 104.9

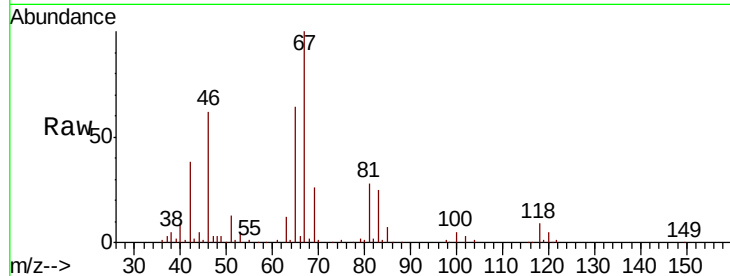




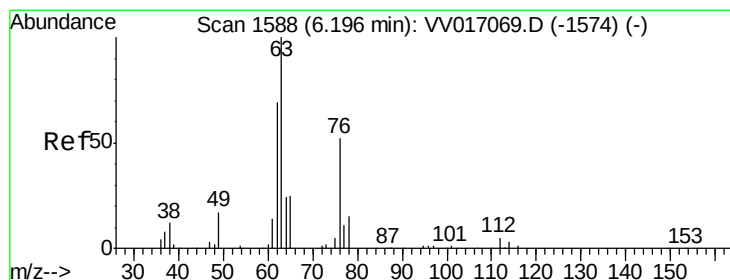
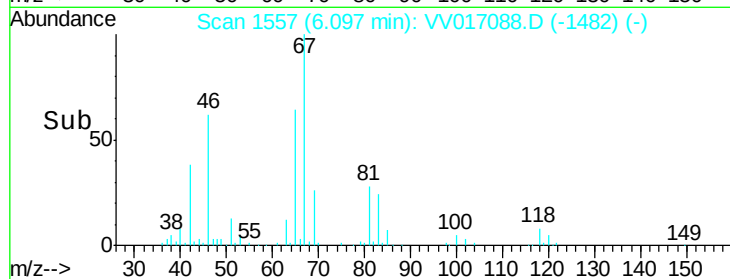
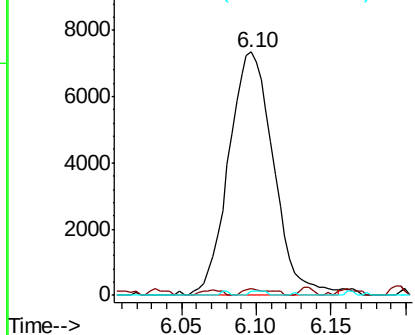
#35
Methvlcvclohexane
Concen: 0.799 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV017088.D
Acq: 24 Jun 2020 21:53

Instrument :
MSVOA_V
ClientSampleId :
BFXL5

Tot Ion	83	Resp	15306
Ion Ratio	Lower	Upper	
83	100		
55	1.7	63.6	95.4#
98	0.7	38.8	58.2#

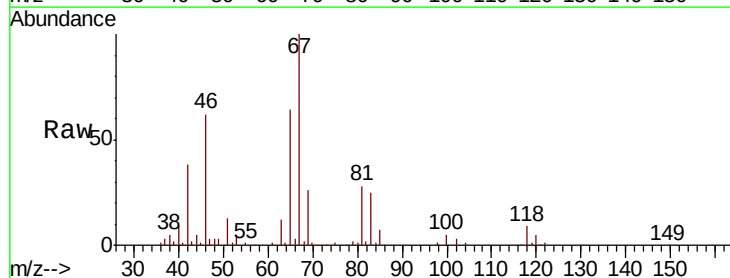


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

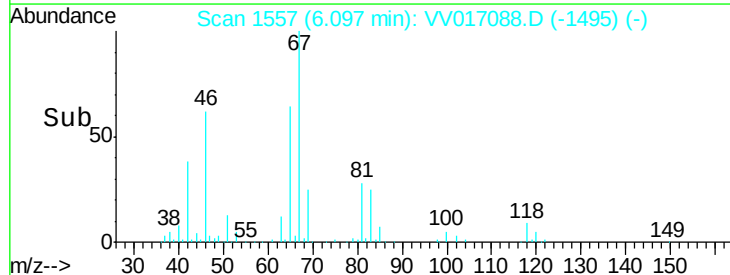
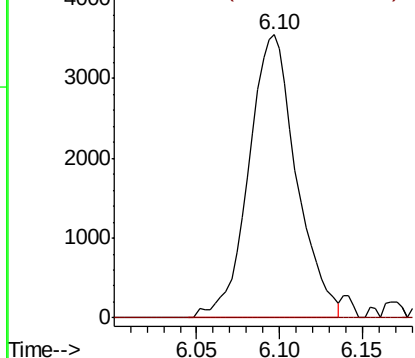


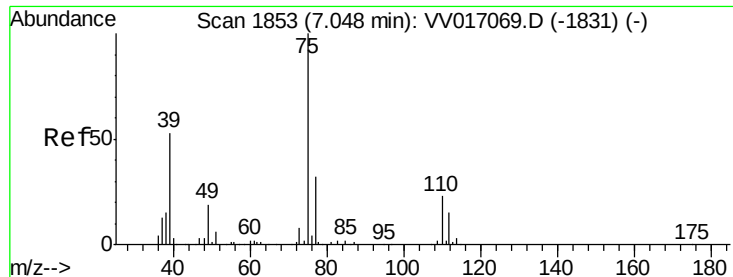
#37
1,2-Dichloropropane
Concen: 0.683 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017088.D
Acq: 24 Jun 2020 21:53

Tgt Ion	63	Resp	7118
Ion Ratio	Lower	Upper	
63	100		
112	1.0	4.4	6.6#



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: 0.138 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV017088.D

Acq: 24 Jun 2020 21:53

Instrument :

MSVOA_V

ClientSampleId :

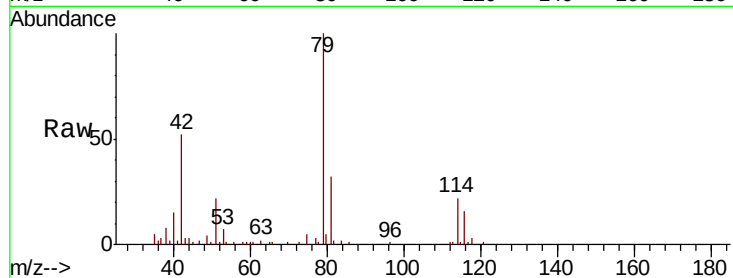
BFXL5

Tot Ion: 75 Resp: 2131

Ion Ratio Lower Upper

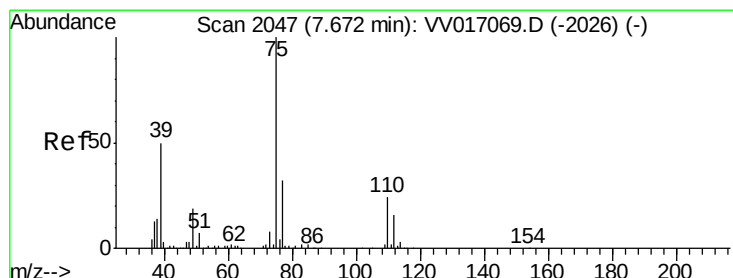
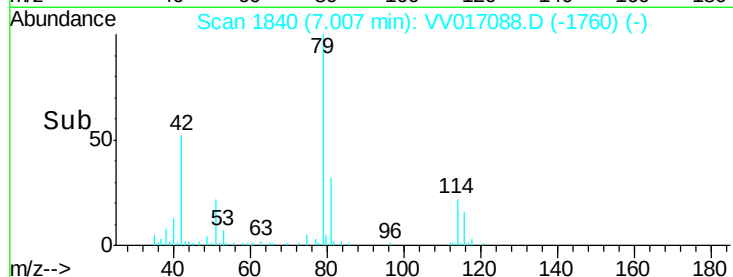
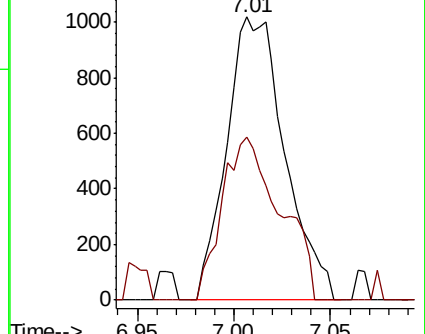
75 100

77 57.6 22.3 41.5#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#46

trans-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV017088.D

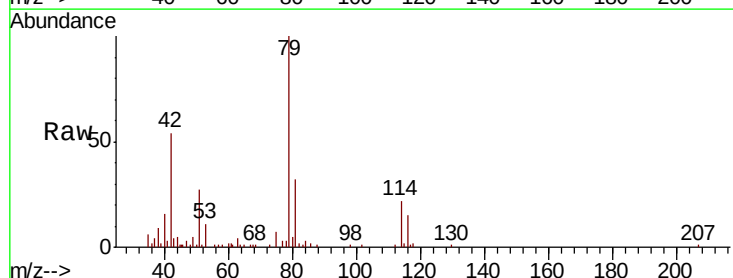
Acq: 24 Jun 2020 21:53

Tgt Ion: 75 Resp: 1107

Ion Ratio Lower Upper

75 100

77 39.9 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

