

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
 Data File : VV017094.D
 Acq On : 25 Jun 2020 00:17
 Operator : SY/MD
 Sample : L3105-18
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXM1

Quant Time: Jun 25 01:24:26 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	171465	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	163990	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	78216	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36666	3.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.20%
7) Chloroethane-d5	1.58	69	31178	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	2.13	63	60106	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	3.92	46	113074	43.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.22%
24) Chloroform-d	4.38	84	98468	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.06	65	52522	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
32) Benzene-d6	5.08	84	187634	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.10	67	54210	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.20%
41) Toluene-d8	7.34	98	164785	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
45) trans-1,3-Dichloropropene-	7.65	79	21125	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
48) 2-Hexanone-d5	8.11	63	81575	40.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.72%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40403	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	66779	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

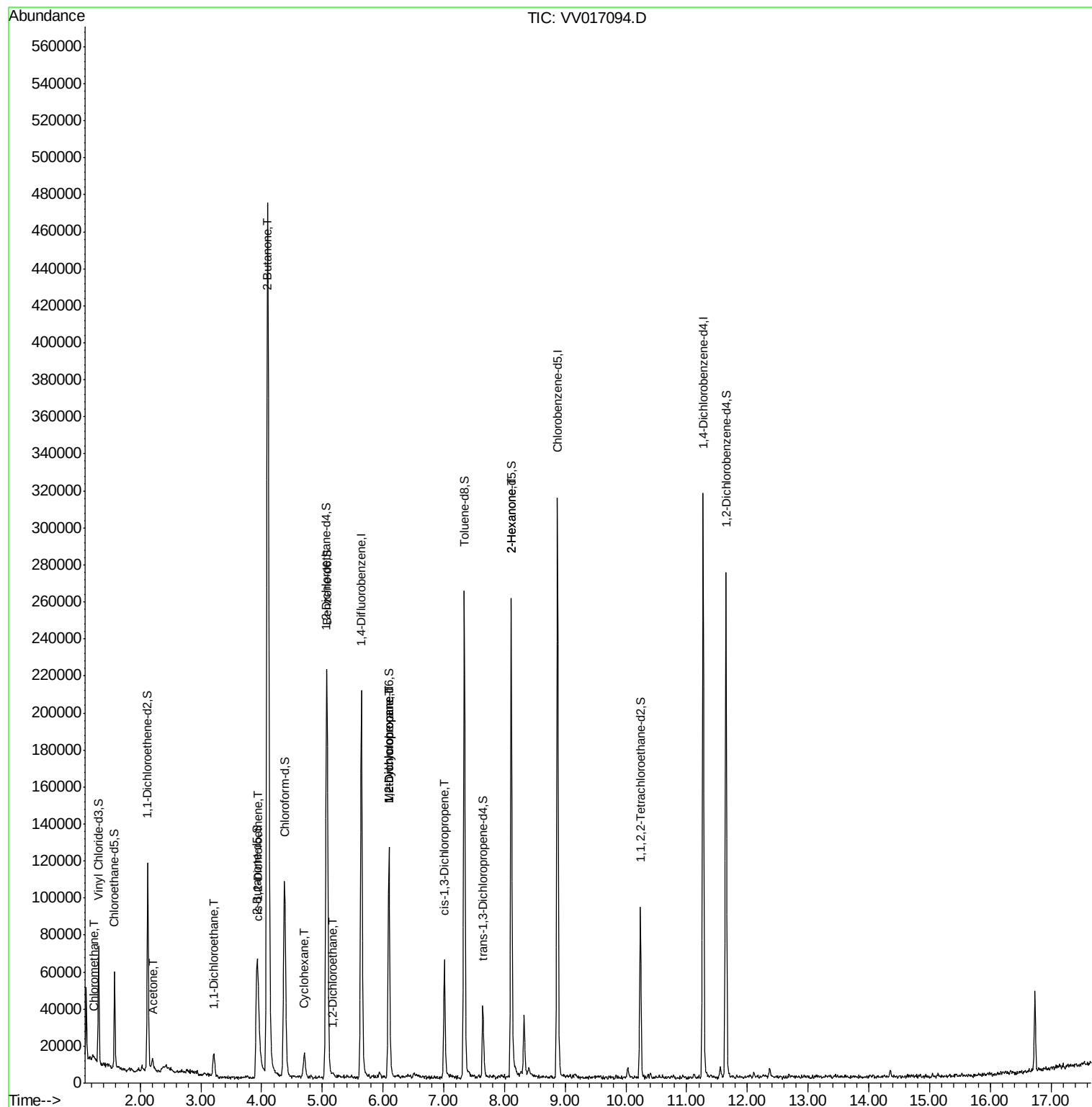
					Ovalue
3) Chloromethane	1.25	50	872	0.075 ug/L	91
13) Acetone	2.20	43	11314	8.534 ug/L	85
19) 1,1-Dichloroethane	3.22	63	11323	0.578 ug/L	98
21) 2-Butanone	4.10	43	734306	293.809 ug/L #	50
22) cis-1,2-Dichloroethene	3.95	96	2780	0.233 ug/L	94
27) 1,2-Dichloroethane	5.17	62	1522	0.114 ug/L #	76
30) Cyclohexane	4.70	56	6204	0.332 ug/L #	88
35) Methylcyclohexane	6.09	83	14402	0.737 ug/L #	19
37) 1,2-Dichloropropane	6.10	63	6632	0.624 ug/L #	85
39) cis-1,3-Dichloropropene	7.00	75	1638	0.104 ug/L #	73
50) 2-Hexanone	8.11	43	10770	2.466 ug/L #	71

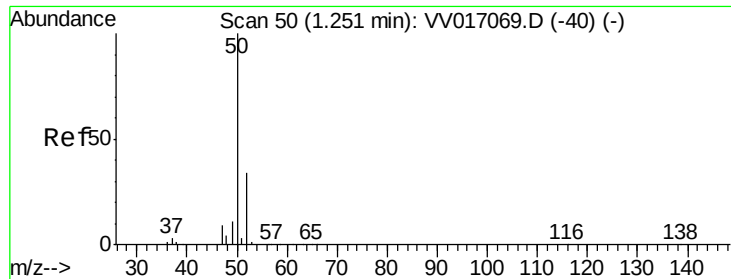
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VV017094.D

Acq: 25 Jun 2020 00:17

Instrument :

MSVOA_V

ClientSampleId :

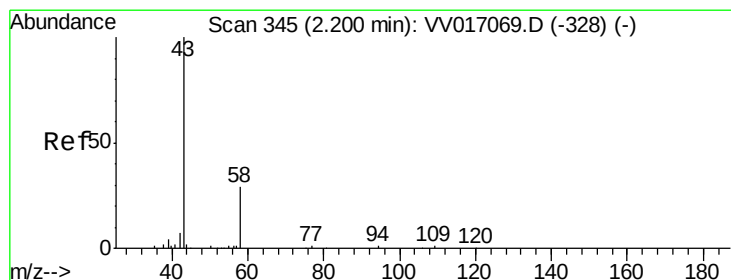
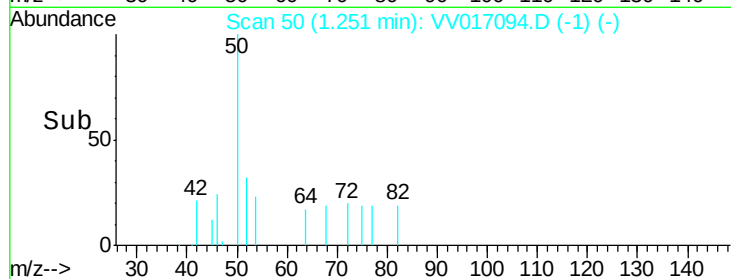
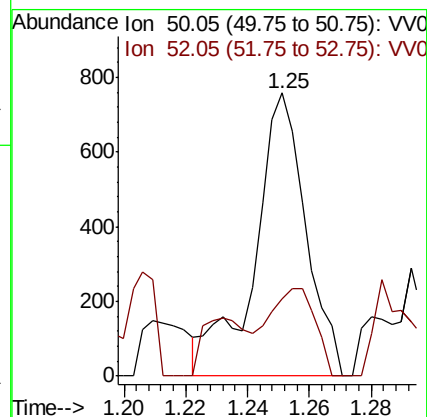
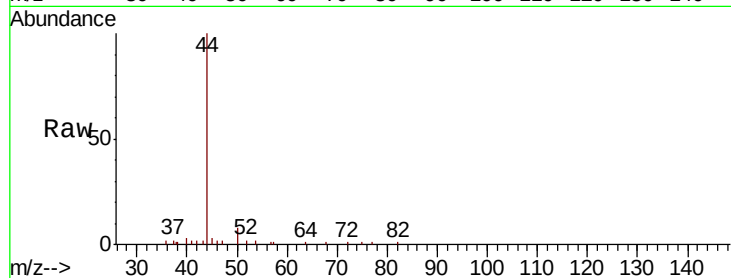
BFXM1

Tot Ion: 50 Resp: 872

Ion Ratio Lower Upper

50 100

52 27.3 22.5 41.9



#13

Acetone

Concen: 8.534 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.00 min

Lab File: VV017094.D

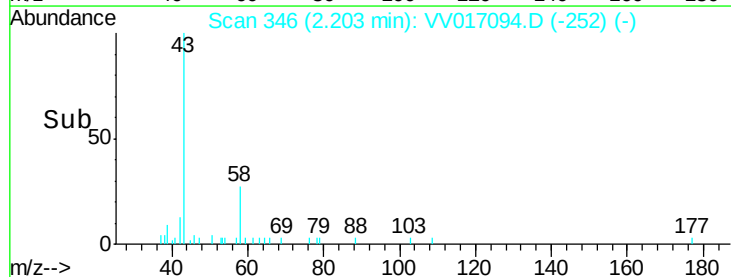
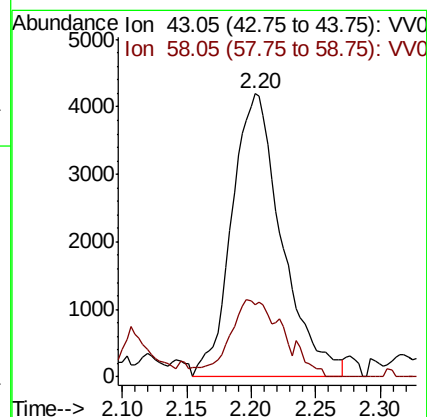
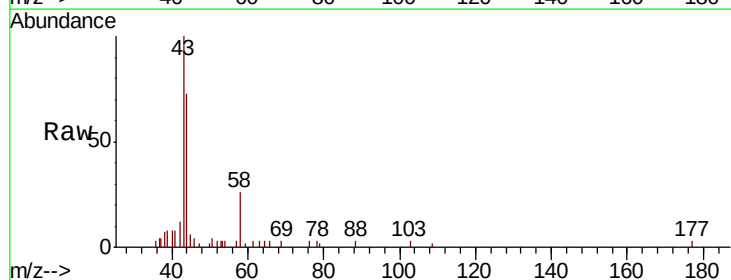
Acq: 25 Jun 2020 00:17

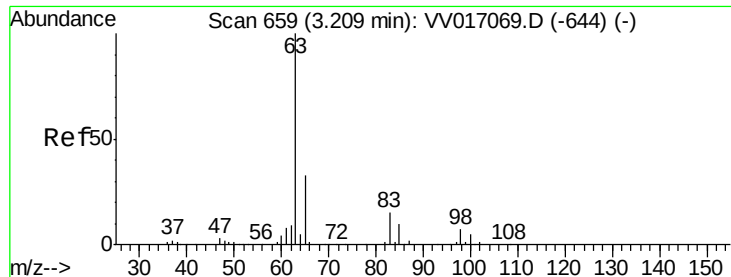
Tgt Ion: 43 Resp: 11314

Ion Ratio Lower Upper

43 100

58 21.1 0.0 58.4

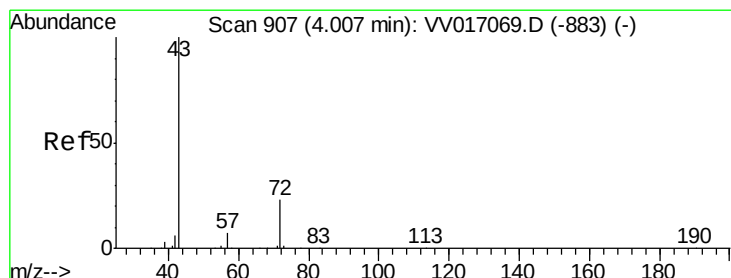
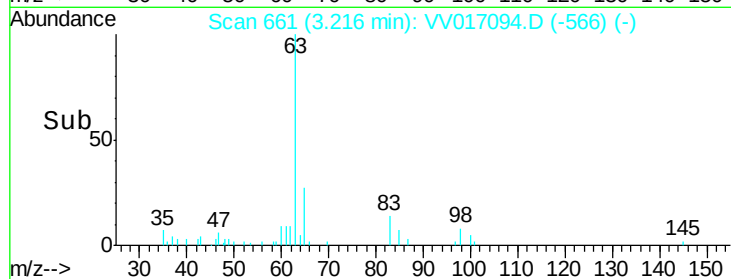
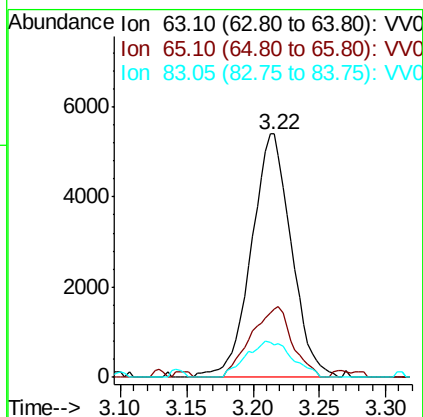
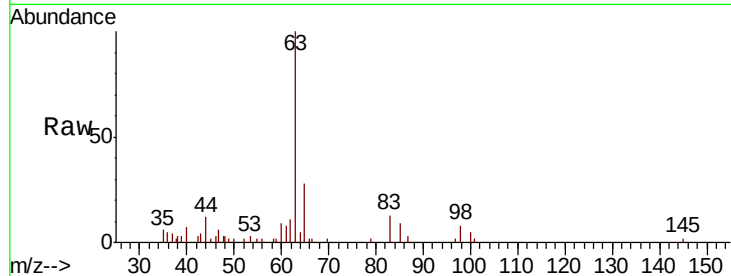




#19
 1,1-Dichloroethane
 Concen: 0.578 ug/L
 RT: 3.22 min Scan# 661
 Delta R.T. 0.01 min
 Lab File: VV017094.D
 Acq: 25 Jun 2020 00:17

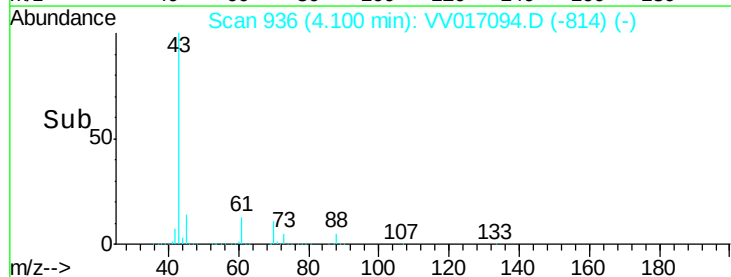
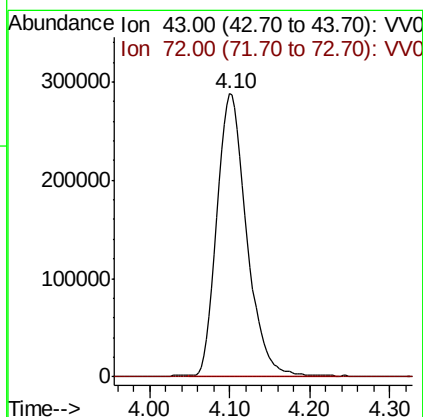
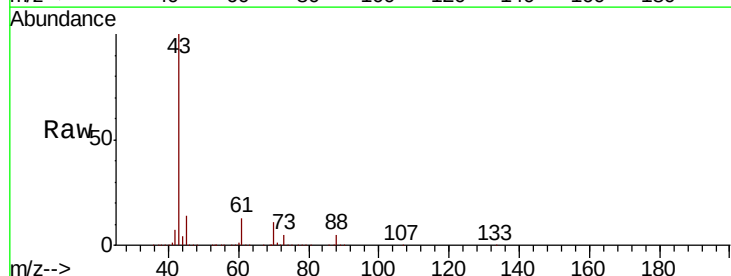
Instrument :
 MSVOA_V
 ClientSampleId :
 BFXM1

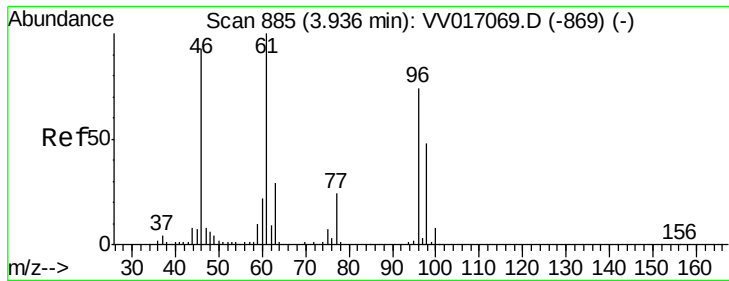
Tot Ion: 63 Resp: 11323
 Ion Ratio Lower Upper
 63 100
 65 30.1 21.8 40.4
 83 13.5 9.7 17.9



#21
 2-Butanone
 Concen: 293.809 ug/L
 RT: 4.10 min Scan# 936
 Delta R.T. 0.09 min
 Lab File: VV017094.D
 Acq: 25 Jun 2020 00:17

Tgt Ion: 43 Resp: 734306
 Ion Ratio Lower Upper
 43 100
 72 0.1 12.4 37.4#





#22

cis-1,2-Dichloroethene

Concen: 0.233 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV017094.D

Acq: 25 Jun 2020 00:17

Instrument :

MSVOA_V

ClientSampled :

BFXM1

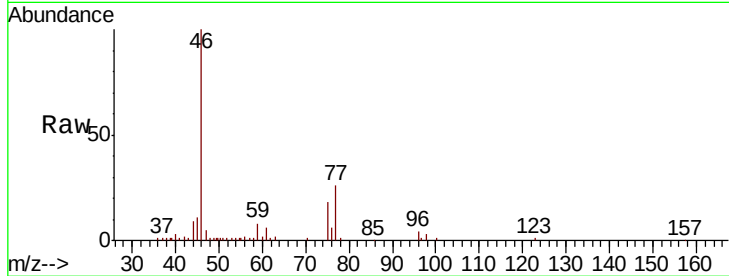
Tot Ion: 96 Resp: 2780

Ion Ratio Lower Upper

96 100

61 122.7 91.0 169.0

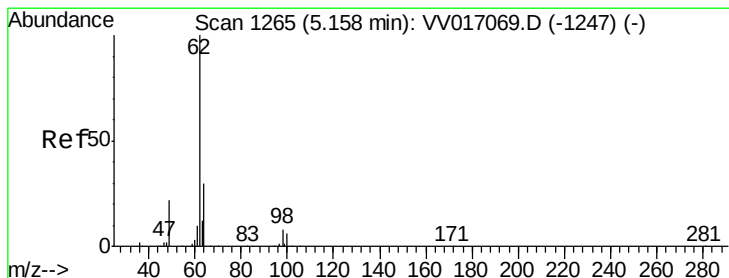
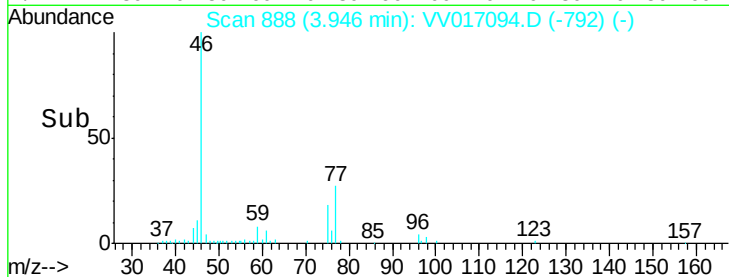
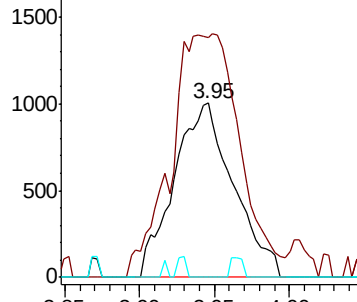
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV017069.D (-869) (-)

Ion 61.05 (60.75 to 61.75): VV017069.D (-869) (-)

Ion 68.15 (67.85 to 68.85): VV017069.D (-869) (-)



#27

1,2-Dichloroethane

Concen: 0.114 ug/L

RT: 5.17 min Scan# 1270

Delta R.T. 0.02 min

Lab File: VV017094.D

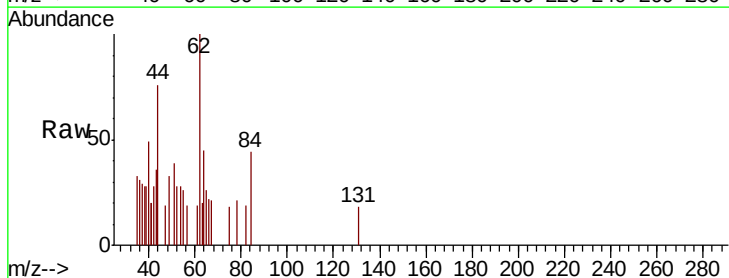
Acq: 25 Jun 2020 00:17

Tgt Ion: 62 Resp: 1522

Ion Ratio Lower Upper

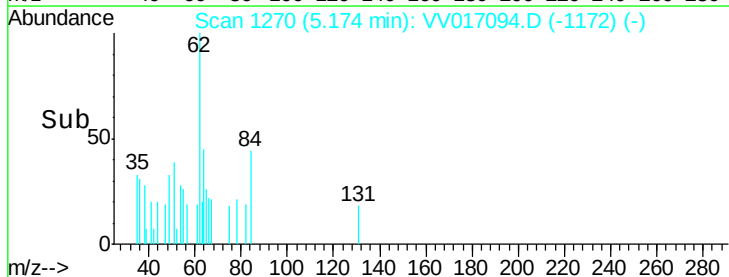
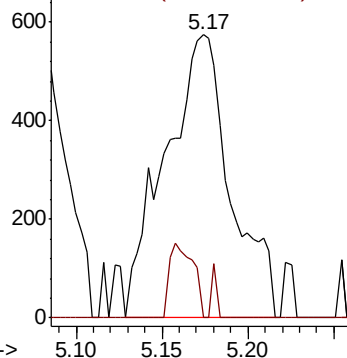
62 100

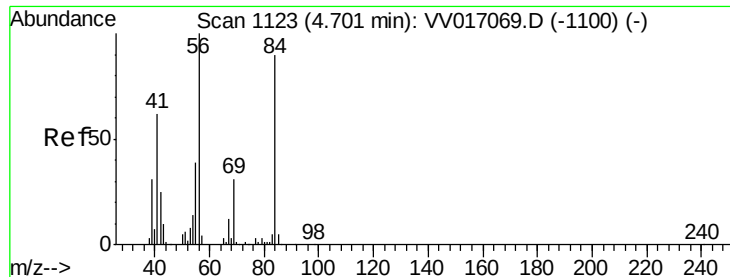
98 0.0 6.7 10.1#



Abundance Ion 62.00 (61.70 to 62.70): VV017069.D (-1247) (-)

Ion 98.05 (97.75 to 98.75): VV017069.D (-1247) (-)

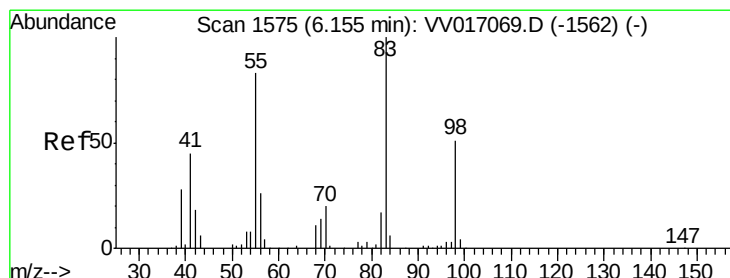
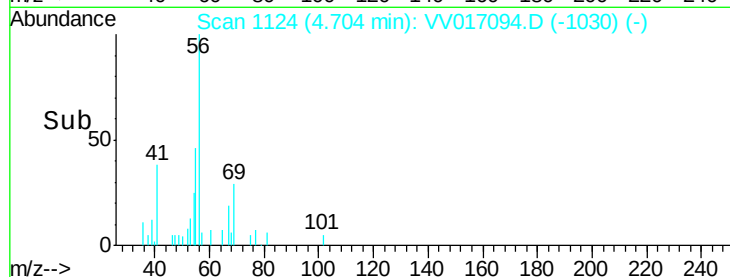
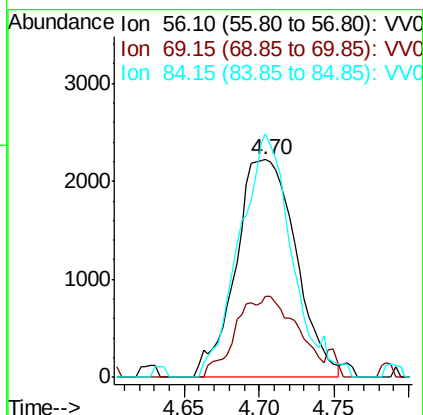
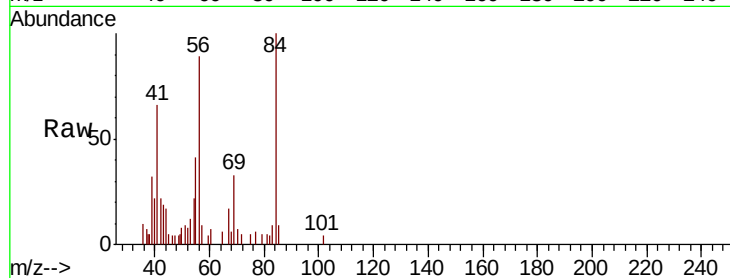




#30
Cyclohexane
Concen: 0.332 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VV017094.D
Acq: 25 Jun 2020 00:17

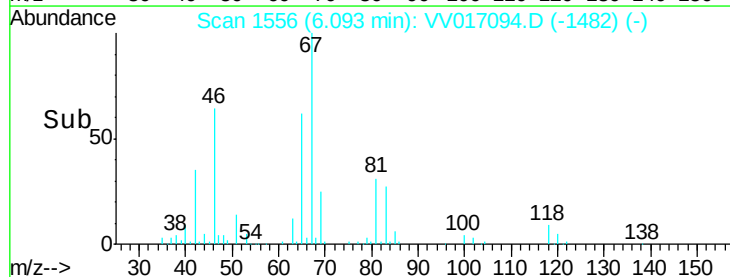
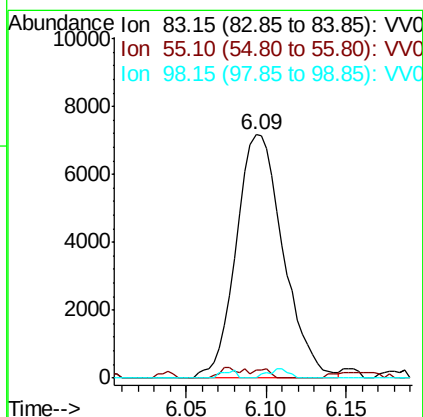
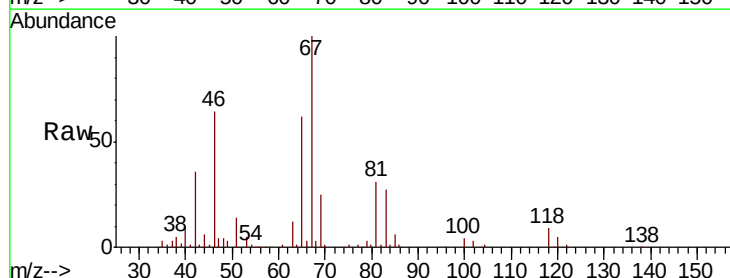
Instrument :
MSVOA_V
ClientSampled :
BFXM1

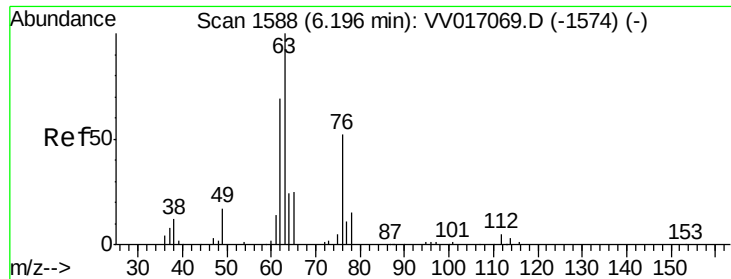
Tot Ion: 56 Resp: 6204
Ion Ratio Lower Upper
56 100
69 38.0 24.4 36.6#
84 97.5 69.9 104.9



#35
Methylcyclohexane
Concen: 0.737 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017094.D
Acq: 25 Jun 2020 00:17

Tgt Ion: 83 Resp: 14402
Ion Ratio Lower Upper
83 100
55 1.2 63.6 95.4#
98 1.7 38.8 58.2#

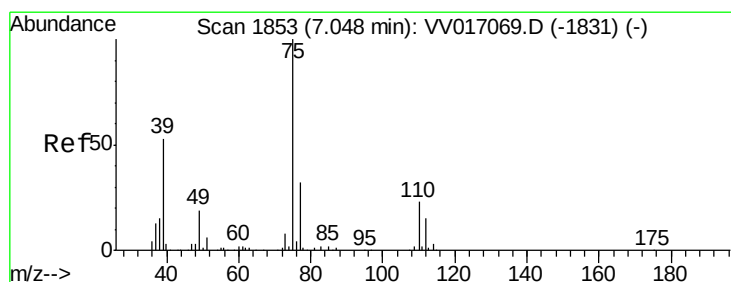
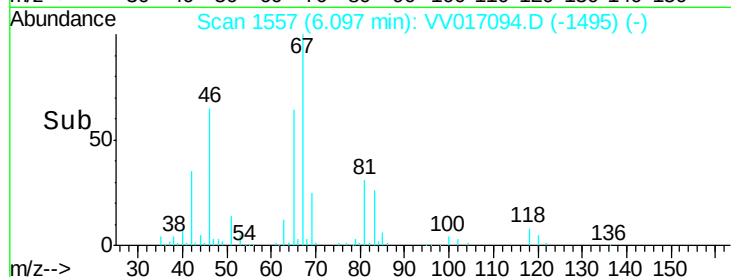
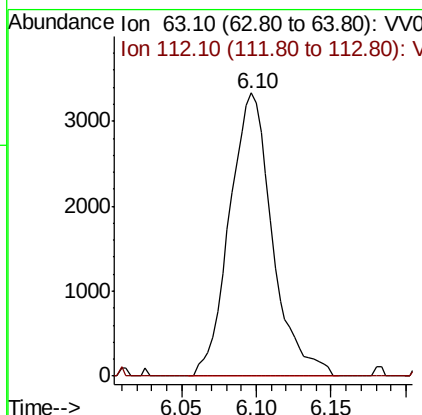
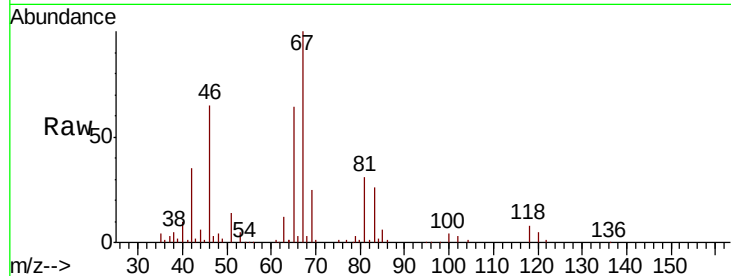




#37
 1,2-Dichloropropane
 Concen: 0.624 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV017094.D
 Acq: 25 Jun 2020 00:17

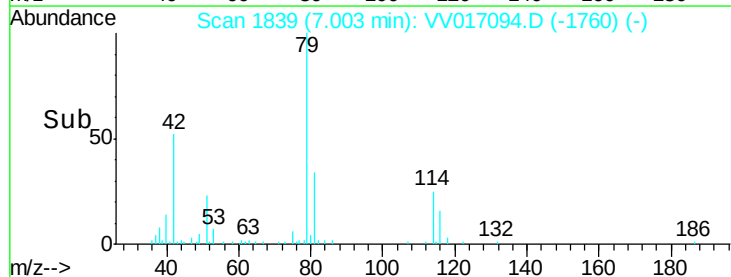
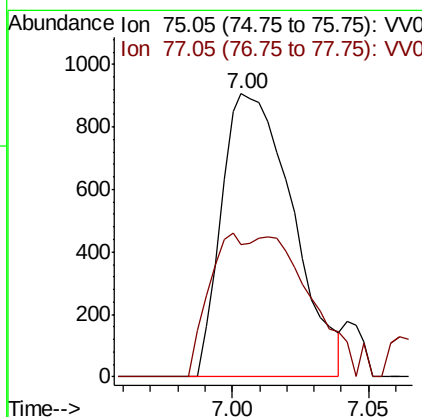
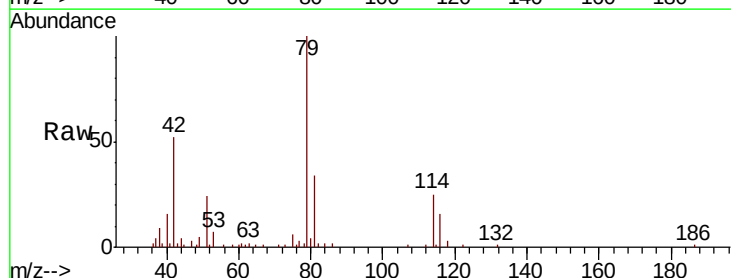
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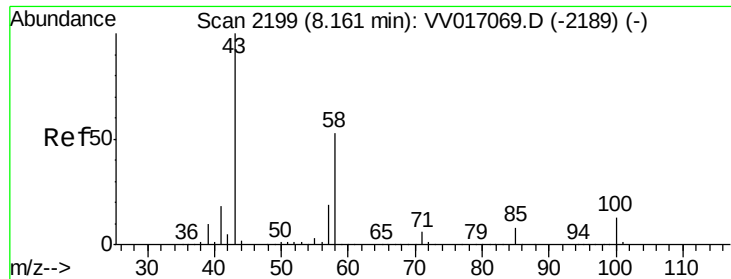
Tot Ion: 63 Resp: 6632
 Ion Ratio Lower Upper
 63 100
 112 0.3 4.4 6.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.00 min Scan# 1839
 Delta R.T. -0.05 min
 Lab File: VV017094.D
 Acq: 25 Jun 2020 00:17

Tgt Ion: 75 Resp: 1638
 Ion Ratio Lower Upper
 75 100
 77 46.7 22.3 41.5#





#50

2-Hexanone

Concen: 2.466 ug/L

RT: 8.11 min Scan# 2183

Delta R.T. -0.05 min

Lab File: VV017094.D

Acq: 25 Jun 2020 00:17

Instrument :
MSVOA_V
ClientSampleId :
BFXM1

Tot Ion: 43 Resp: 10770

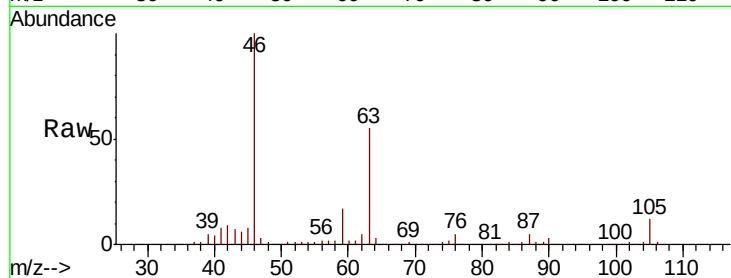
Ion Ratio Lower Upper

43 100

58 31.8 41.6 62.4#

57 33.2 15.4 23.0#

100 1.2 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

