

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017027.D
 Acq On : 22 Jun 2020 19:21
 Operator : SY/MD
 Sample : L3067-06
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXG3

Quant Time: Jun 23 04:57:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 23 04:53:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	188633	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	179669	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	91257	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46224	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.58	69	37338	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.13	63	72347	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	3.93	46	135306	46.89	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.78%
24) Chloroform-d	4.38	84	109489	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.06	65	62040	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.08	84	215282	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.10	67	65017	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.34	98	204142	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
45) trans-1,3-Dichloropropene-	7.64	79	24227	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
48) 2-Hexanone-d5	8.11	63	89122	40.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.50%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	44685	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	80541	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

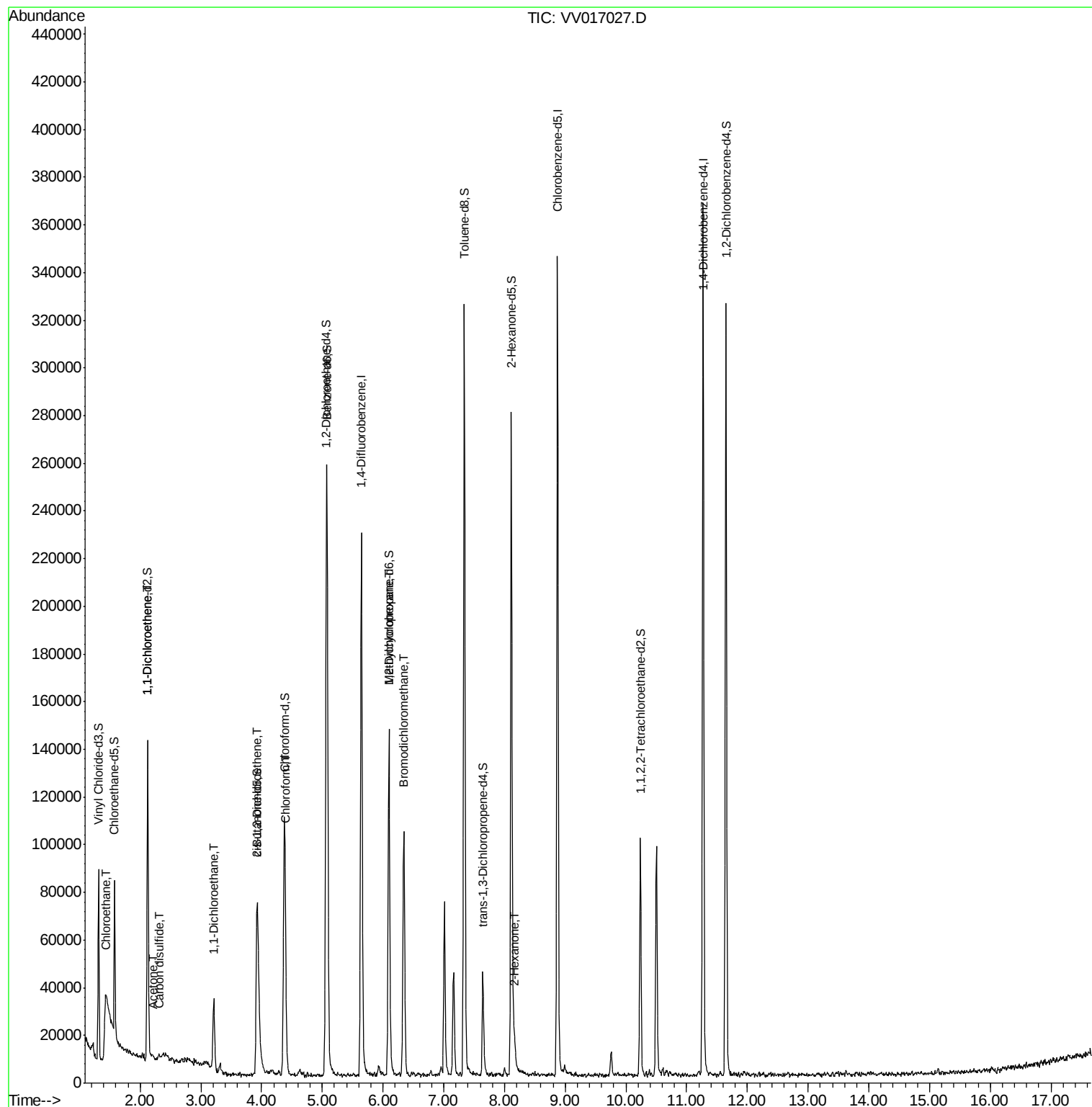
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.44	64	67013	9.796	ug/L #	52
12) 1,1-Dichloroethene	2.13	96	830	0.092	ug/L #	1
13) Acetone	2.21	43	2658	1.822	ug/L	85
14) Carbon disulfide	2.32	76	1795	0.066	ug/L #	79
19) 1,1-Dichloroethane	3.21	63	30124	1.398	ug/L	97
22) cis-1,2-Dichloroethene	3.94	96	1279	0.097	ug/L	87
25) Chloroform	4.40	83	4089	0.174	ug/L #	69
35) Methylcyclohexane	6.10	83	16063	0.750	ug/L #	17
38) Bromodichloromethane	6.34	83	3481	0.220	ug/L #	36
50) 2-Hexanone	8.17	43	6488	1.356	ug/L #	89

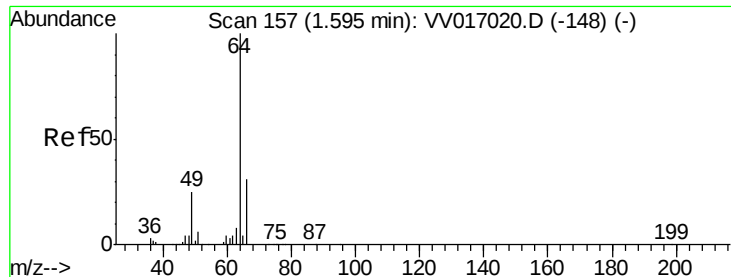
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 23 04:53:49 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 9.796 ug/L

RT: 1.44 min Scan# 109

Delta R.T. -0.15 min

Lab File: VV017027.D

Acq: 22 Jun 2020 19:21

Instrument :

MSVOA_V

ClientSampleId :

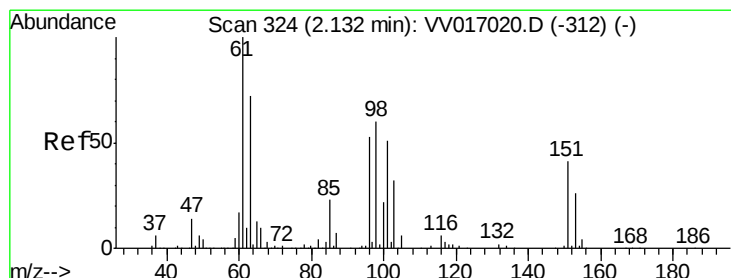
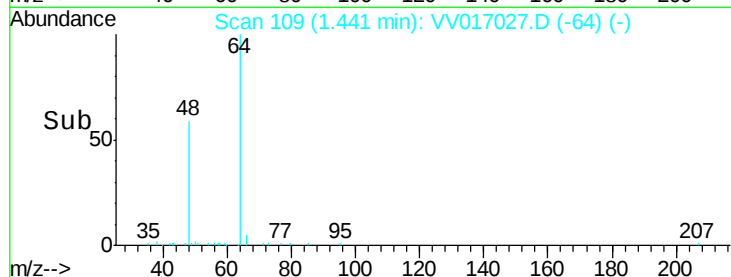
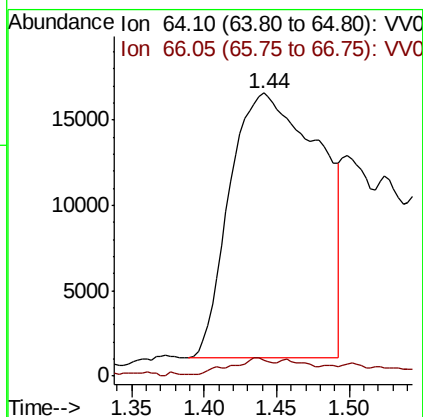
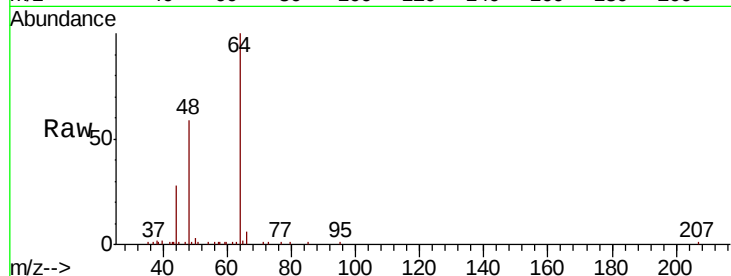
BFXG3

Tot Ion: 64 Resp: 67013

Ion Ratio Lower Upper

64 100

66 5.8 22.8 42.4#



#12

1,1-Dichloroethene

Concen: 0.092 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017027.D

Acq: 22 Jun 2020 19:21

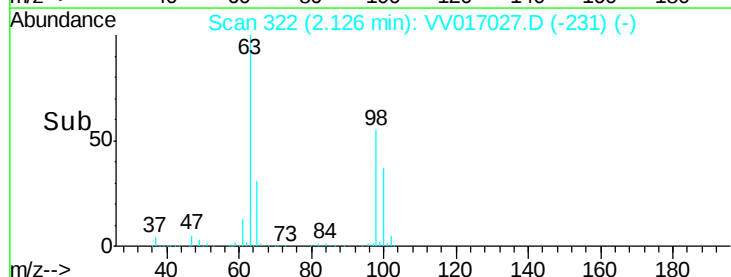
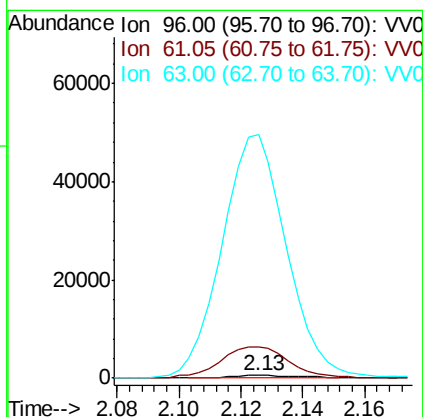
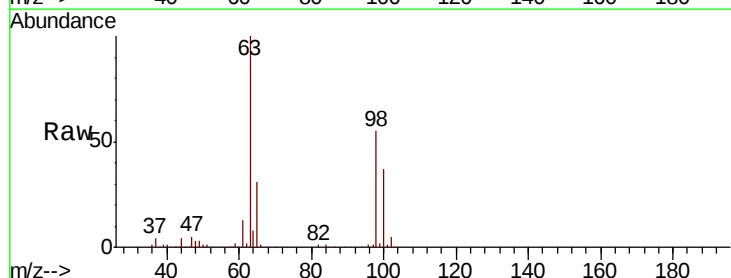
Tgt Ion: 96 Resp: 830

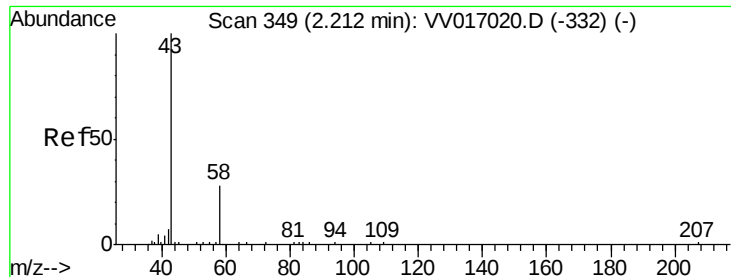
Ion Ratio Lower Upper

96 100

61 1209.0 125.0 232.2#

63 9301.3 109.8 203.8#





#13

Acetone

Concen: 1.822 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.00 min

Lab File: VV017027.D

Acq: 22 Jun 2020 19:21

Instrument :

MSVOA_V

ClientSampled :

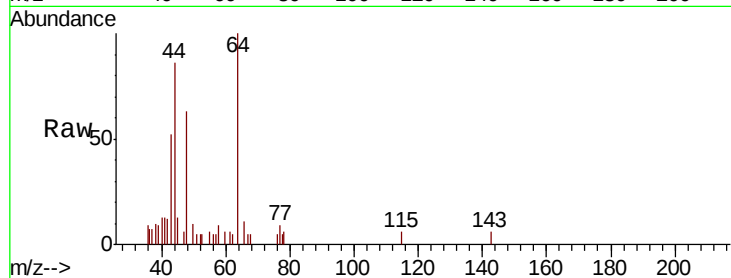
BFXG3

Tot Ion: 43 Resp: 2658

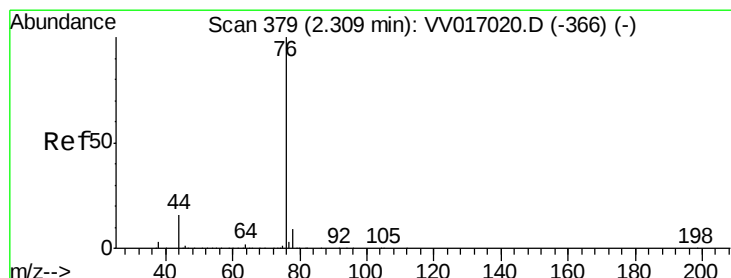
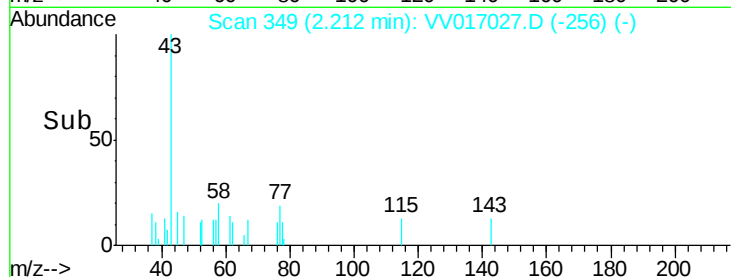
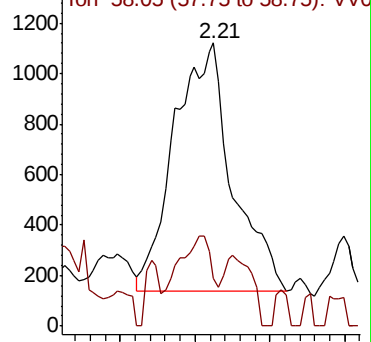
Ion Ratio Lower Upper

43 100

58 21.2 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV017027.D (-256) (-)



#14

Carbon disulfide

Concen: 0.066 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.01 min

Lab File: VV017027.D

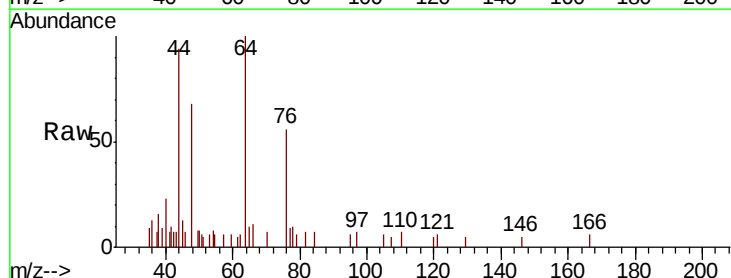
Acq: 22 Jun 2020 19:21

Tgt Ion: 76 Resp: 1795

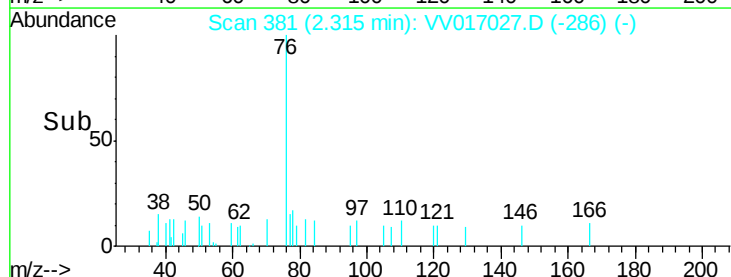
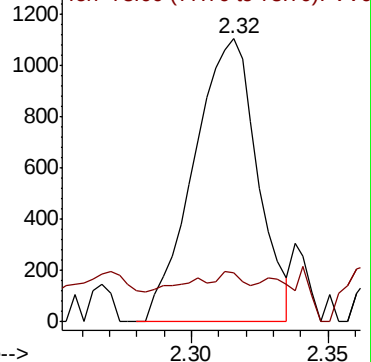
Ion Ratio Lower Upper

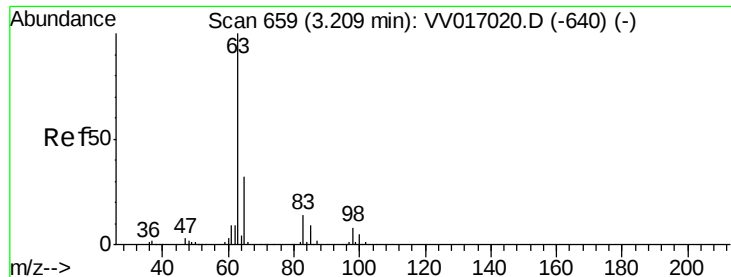
76 100

78 17.5 7.7 11.5#



Abundance Ion 76.05 (75.75 to 76.75): VV017027.D (-286) (-)





#19

1,1-Dichloroethane

Concen: 1.398 ug/L

RT: 3.21 min Scan# 660

Delta R.T. 0.00 min

Lab File: VV017027.D

Acq: 22 Jun 2020 19:21

Instrument :

MSVOA_V

ClientSampleId :

BFXG3

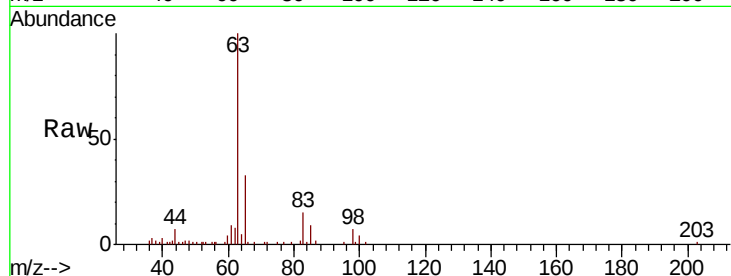
Tot Ion: 63 Resp: 30124

Ion Ratio Lower Upper

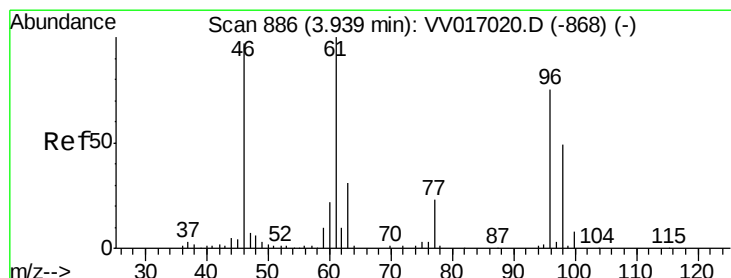
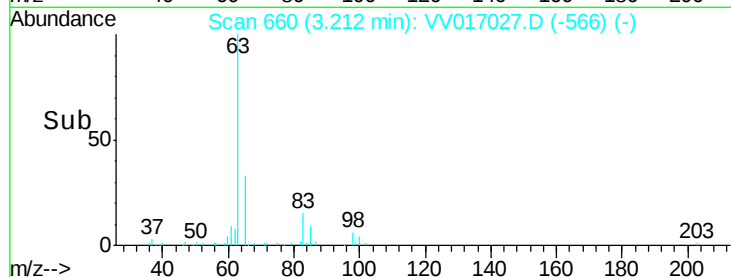
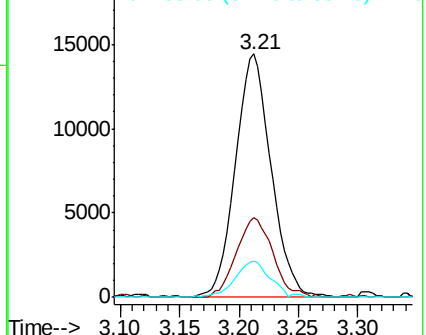
63 100

65 33.0 21.8 40.4

83 14.9 9.7 17.9



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 65.10 (64.80 to 65.80): VV0
Ion 83.05 (82.75 to 83.75): VV0



#22

cis-1,2-Dichloroethene

Concen: 0.097 ug/L

RT: 3.94 min Scan# 886

Delta R.T. -0.00 min

Lab File: VV017027.D

Acq: 22 Jun 2020 19:21

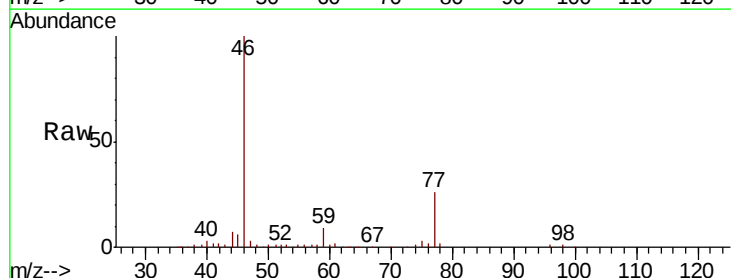
Tgt Ion: 96 Resp: 1279

Ion Ratio Lower Upper

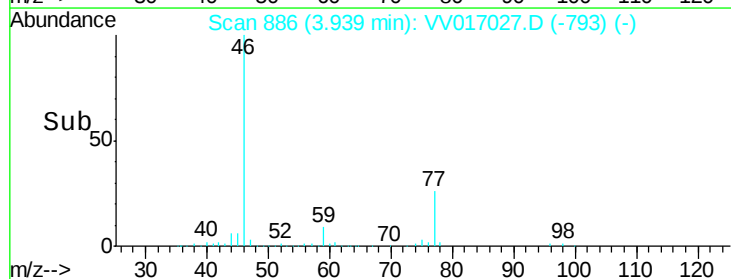
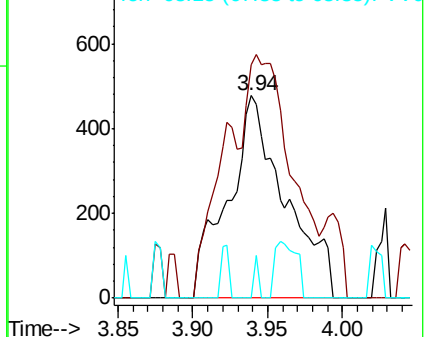
96 100

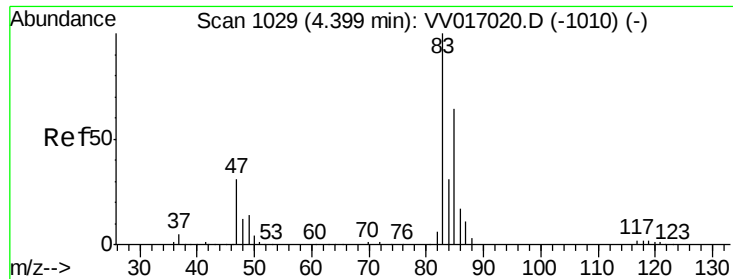
61 115.3 91.0 169.0

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

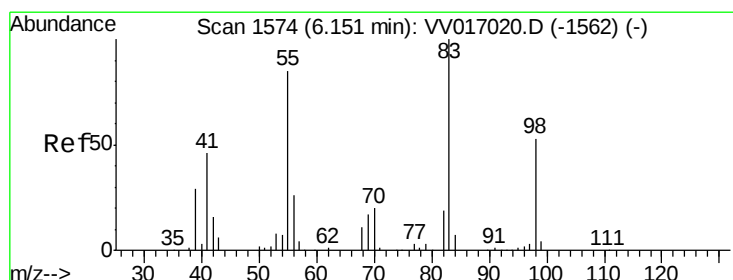
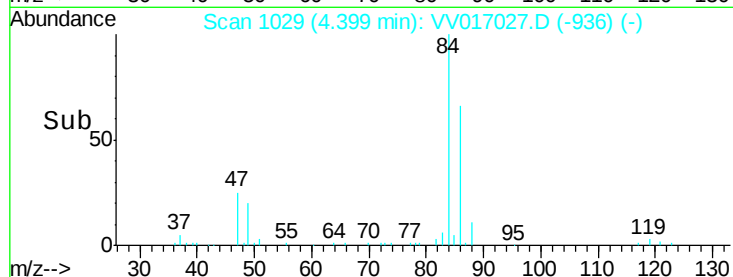
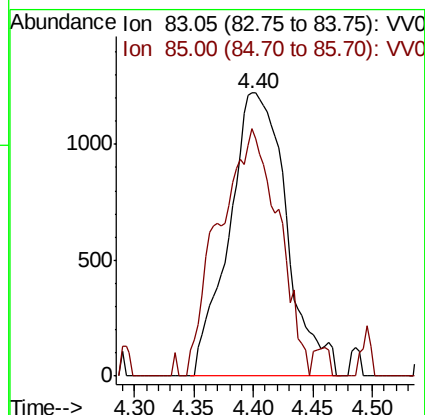
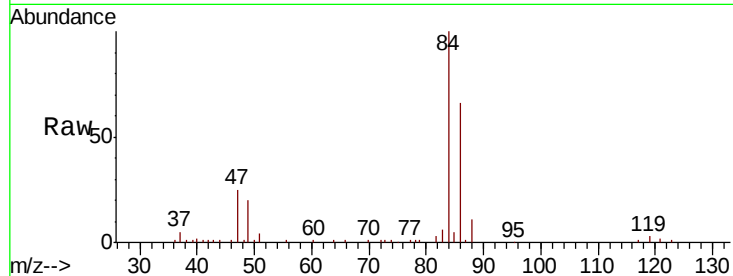




#25
Chloroform
Concen: 0.174 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VV017027.D
Acq: 22 Jun 2020 19:21

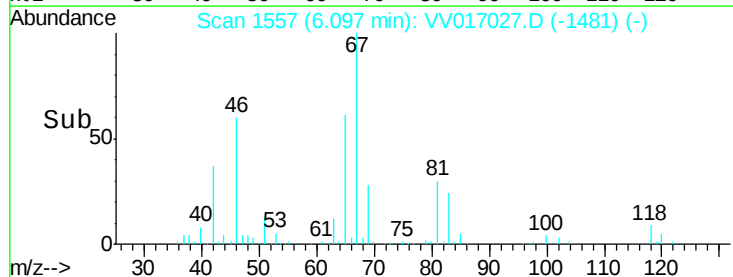
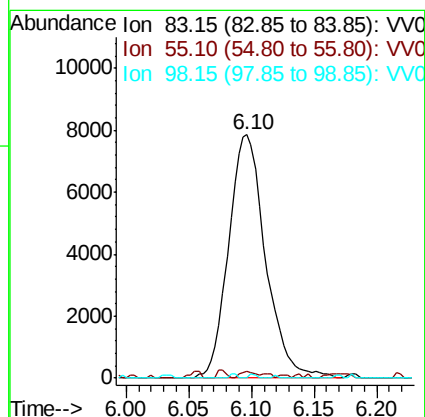
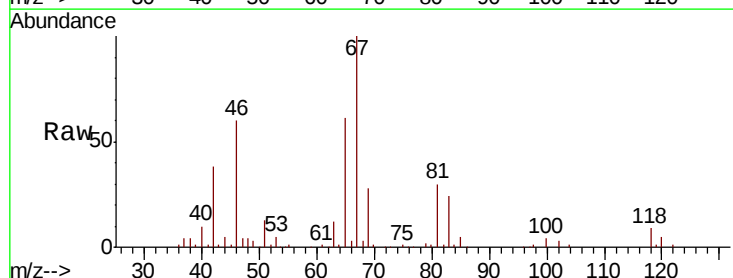
Instrument :
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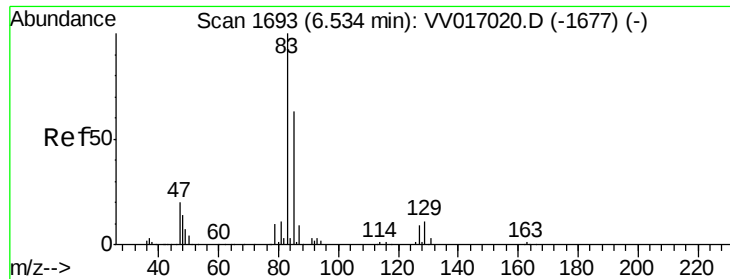
Tot Ion: 83 Resp: 4089
Ion Ratio Lower Upper
83 100
85 87.2 44.2 82.2#



#35
Methylcyclohexane
Concen: 0.750 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017027.D
Acq: 22 Jun 2020 19:21

Tgt Ion: 83 Resp: 16063
Ion Ratio Lower Upper
83 100
55 0.0 63.6 95.4#
98 0.3 38.8 58.2#





#38

Bromodichloromethane

Concen: 0.220 ug/L

RT: 6.34 min Scan# 1633

Delta R.T. -0.19 min

Lab File: VV017027.D

Acq: 22 Jun 2020 19:21

Instrument :

MSVOA_V

ClientSampleId :

BFXG3

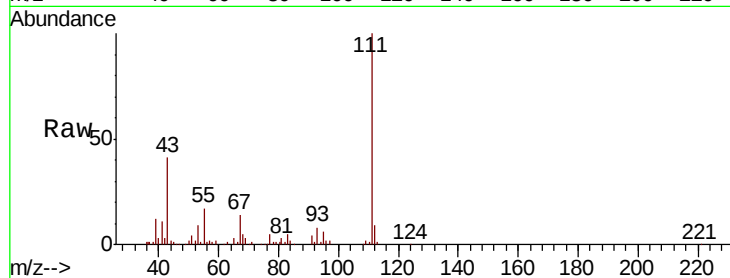
Tot Ion: 83 Resp: 3481

Ion Ratio Lower Upper

83 100

85 8.3 43.4 80.6#

127 0.0 7.9 11.9#



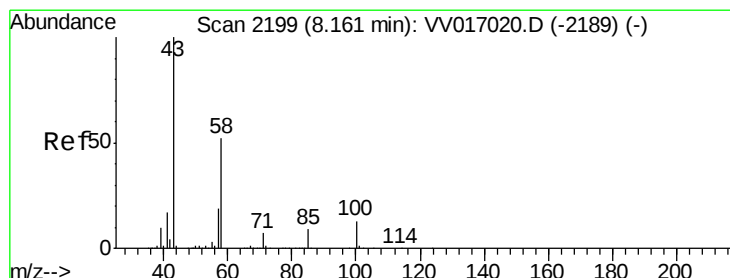
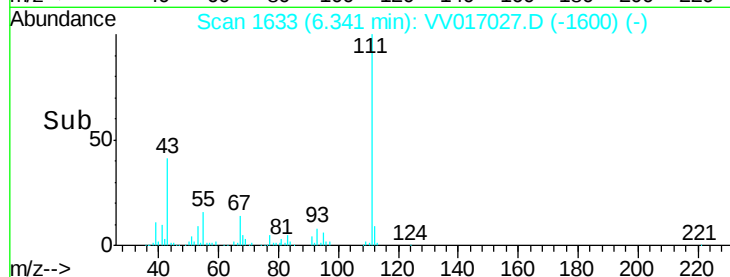
Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 126.90 (126.60 to 127.60): VV0

6.34

Time-->



#50

2-Hexanone

Concen: 1.356 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV017027.D

Acq: 22 Jun 2020 19:21

Tgt Ion: 43 Resp: 6488

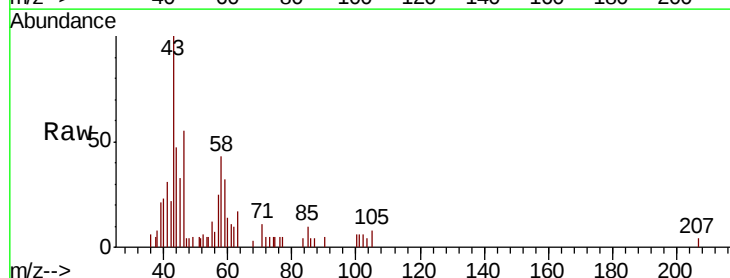
Ion Ratio Lower Upper

43 100

58 46.9 41.6 62.4

57 25.9 15.4 23.0#

100 4.2 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

8.17

Time-->

