

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017048.D
 Acq On : 23 Jun 2020 12:11
 Operator : SY/MD
 Sample : L3067-08
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXG5

Quant Time: Jun 24 05:30:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 24 05:01:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	189769	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	180820	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	91217	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47771	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.58	69	39836	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.12	63	75171	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	3.94	46	123983	42.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.42%
24) Chloroform-d	4.37	84	117808	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.06	65	64988	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.07	84	233460	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.10	67	69813	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.34	98	216155	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
45) trans-1,3-Dichloropropene-	7.64	79	25468	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
48) 2-Hexanone-d5	8.11	63	81891	36.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.48%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	45486	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	84341	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

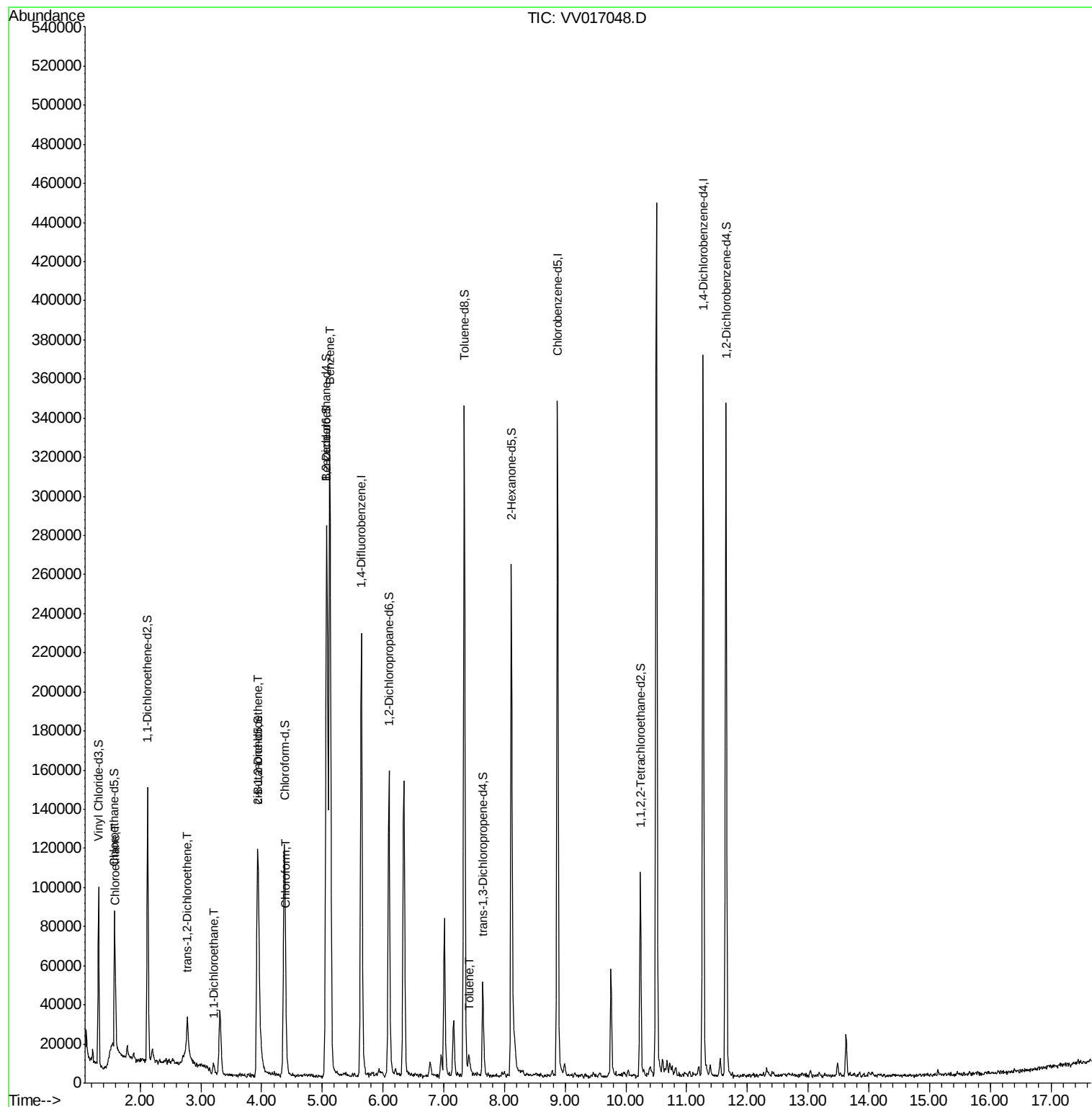
					Ovalue
8) Chloroethane	1.60	64	18736	2.722 ug/L	83
18) trans-1,2-Dichloroethene	2.78	96	6246	0.647 ug/L	95
19) 1,1-Dichloroethane	3.21	63	5455	0.252 ug/L	94
22) cis-1,2-Dichloroethene	3.94	96	31911	2.418 ug/L	99
25) Chloroform	4.41	83	4799	0.203 ug/L	89
33) Benzene	5.12	78	322309	6.806 ug/L	100
42) Toluene	7.42	91	6203	0.113 ug/L	92

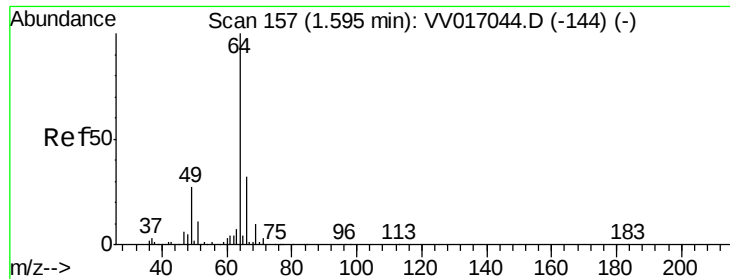
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 24 05:01:54 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 2.722 ug/L

RT: 1.60 min Scan# 157

Delta R.T. -0.00 min

Lab File: VV017048.D

Acq: 23 Jun 2020 12:11

Instrument :

MSVOA_V

ClientSampled :

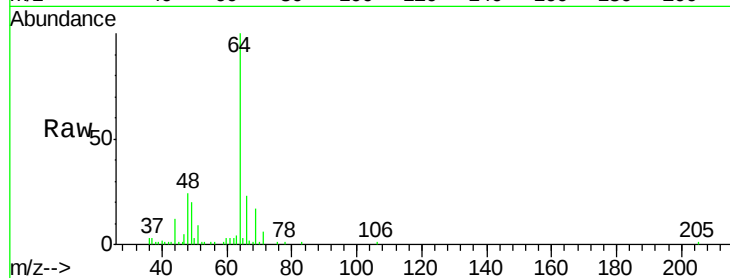
BFXG5

Tot Ion: 64 Resp: 18736

Ion Ratio Lower Upper

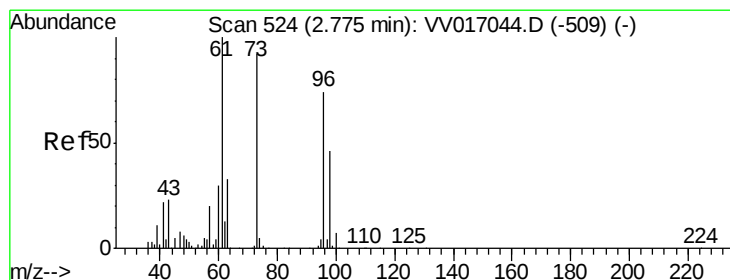
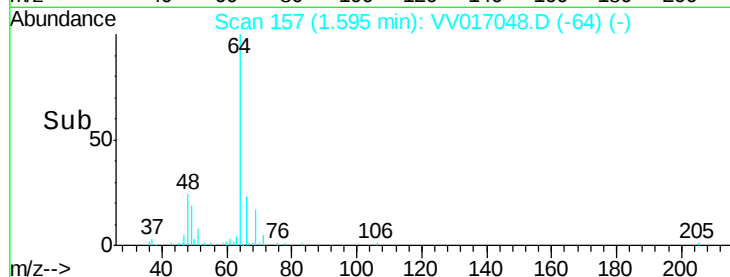
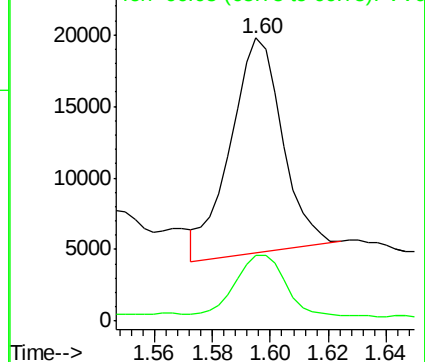
64 100

66 23.0 22.8 42.4



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#18

trans-1,2-Dichloroethene

Concen: 0.647 ug/L

RT: 2.78 min Scan# 524

Delta R.T. -0.00 min

Lab File: VV017048.D

Acq: 23 Jun 2020 12:11

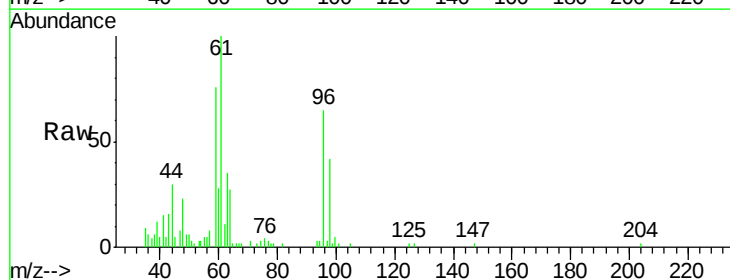
Tgt Ion: 96 Resp: 6246

Ion Ratio Lower Upper

96 100

61 153.9 102.3 189.9

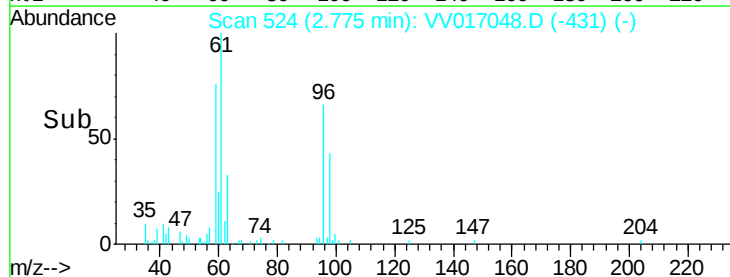
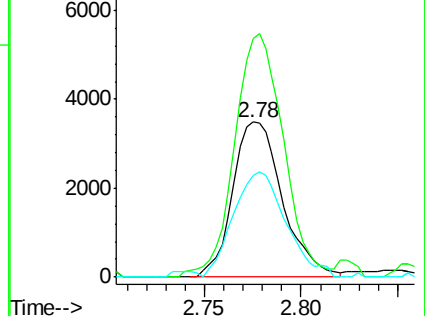
98 65.2 44.7 82.9

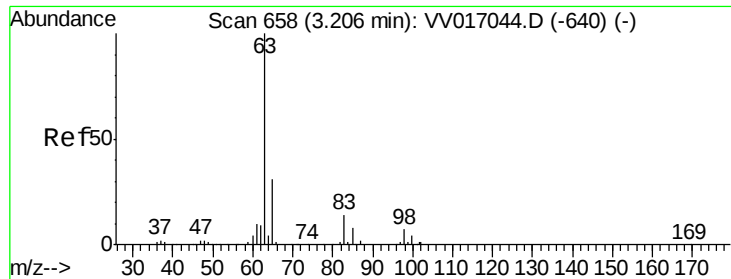


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0





#19

1,1-Dichloroethane

Concen: 0.252 ug/L

RT: 3.21 min Scan# 658

Delta R.T. -0.00 min

Lab File: VV017048.D

Acq: 23 Jun 2020 12:11

Instrument :

MSVOA_V

ClientSampleId :

BFXG5

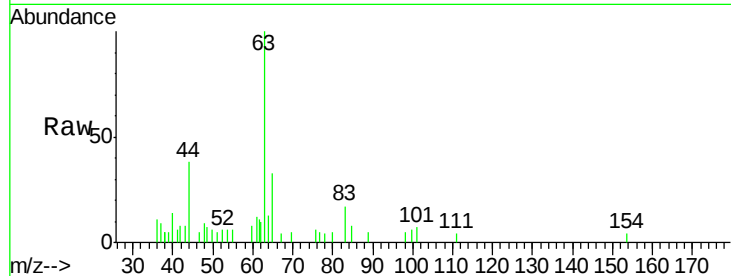
Tot Ion: 63 Resp: 5455

Ion Ratio Lower Upper

63 100

65 33.4 21.8 40.4

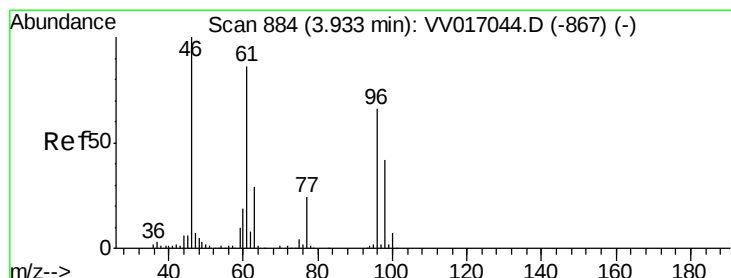
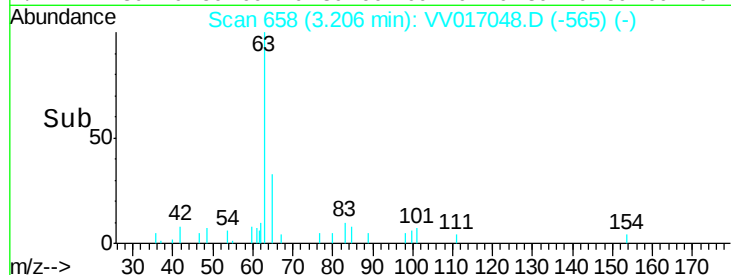
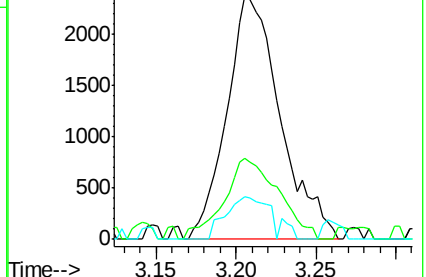
83 17.3 9.7 17.9



Abundance Ion 63.10 (62.80 to 63.80): VV017048.D (-640) (-)

Ion 65.10 (64.80 to 65.80): VV017048.D (-640) (-)

Ion 83.05 (82.75 to 83.75): VV017048.D (-640) (-)



#22

cis-1,2-Dichloroethene

Concen: 2.418 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV017048.D

Acq: 23 Jun 2020 12:11

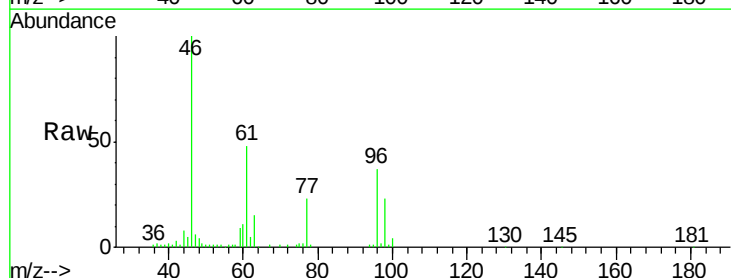
Tgt Ion: 96 Resp: 31911

Ion Ratio Lower Upper

96 100

61 128.8 91.0 169.0

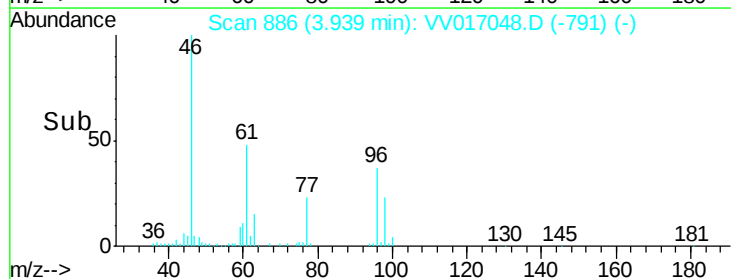
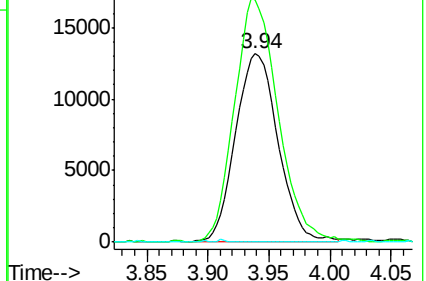
68 0.0 0.0 0.0

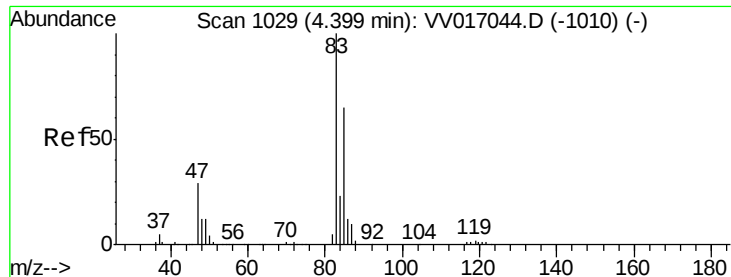


Abundance Ion 96.00 (95.70 to 96.70): VV017048.D (-867) (-)

Ion 61.05 (60.75 to 61.75): VV017048.D (-867) (-)

Ion 68.15 (67.85 to 68.85): VV017048.D (-867) (-)





#25

Chloroform

Concen: 0.203 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV017048.D

Acq: 23 Jun 2020 12:11

Instrument :

MSVOA_V

ClientSampleId :

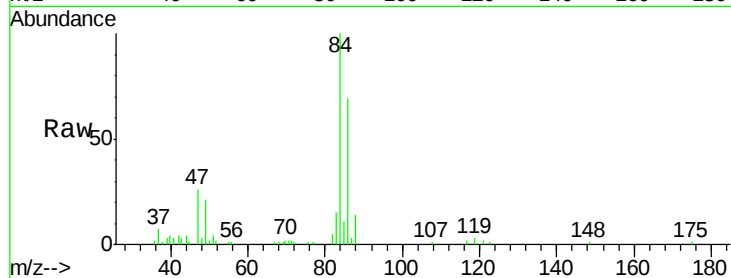
BFXG5

Tot Ion: 83 Resp: 4799

Ion Ratio Lower Upper

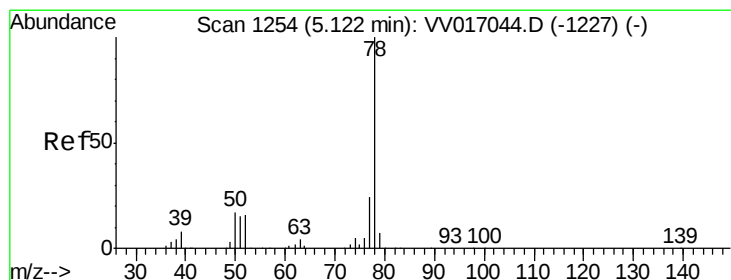
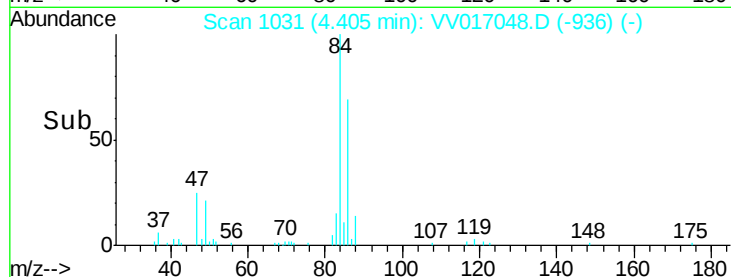
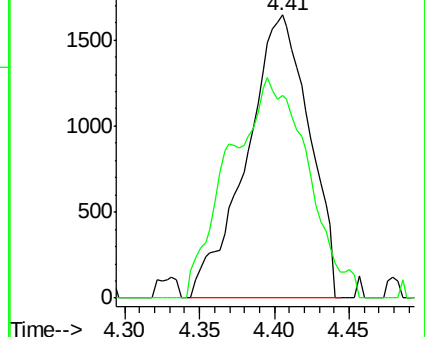
83 100

85 71.7 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VV017048.D (-1010) (-)

Ion 85.00 (84.70 to 85.70): VV017048.D (-1010) (-)



#33

Benzene

Concen: 6.806 ug/L

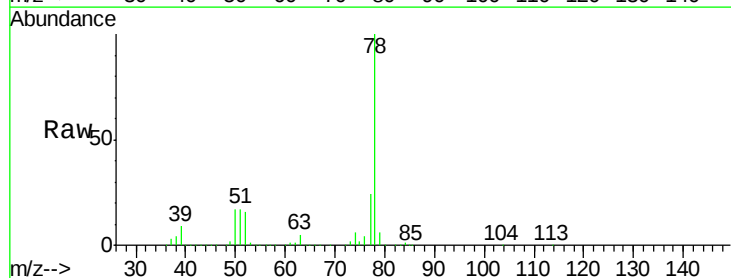
RT: 5.12 min Scan# 1254

Delta R.T. -0.00 min

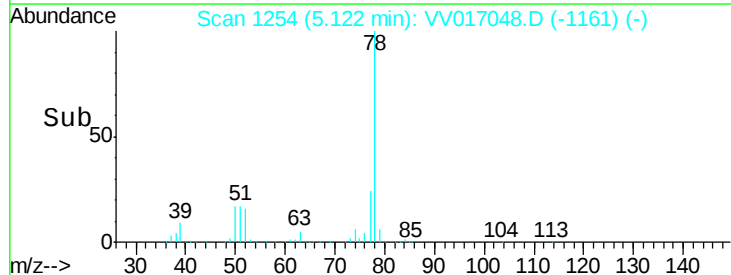
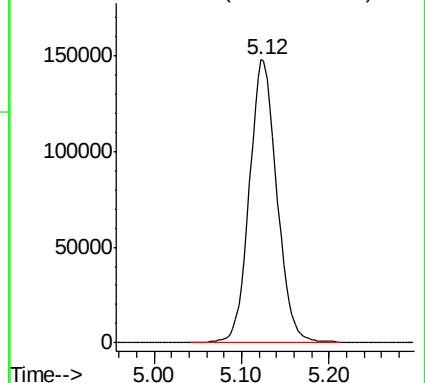
Lab File: VV017048.D

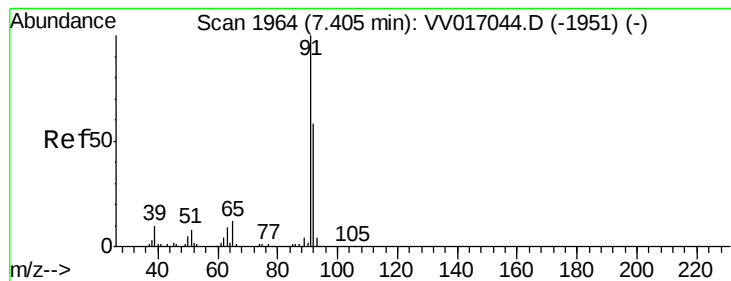
Acq: 23 Jun 2020 12:11

Tgt Ion: 78 Resp: 322309



Abundance Ion 78.10 (77.80 to 78.80): VV017048.D (-1227) (-)





#42

Toluene

Concen: 0.113 ug/L

RT: 7.42 min Scan# 1968

Delta R.T. 0.01 min

Lab File: VV017048.D

Acq: 23 Jun 2020 12:11

Instrument :
MSVOA_V
ClientSampleId :
BFXG5

Tot Ion: 91 Resp: 6203

Ion Ratio Lower Upper

91 100

92 51.2 39.9 74.1

