

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017025.D
 Acq On : 22 Jun 2020 18:34
 Operator : SY/MD
 Sample : L3067-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXG1

Manual Integrations
 APPROVED

MMDadoda
 6/24/2020 8:57:40 AM

Quant Time: Jun 23 05:37:35 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	192180	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	180411	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	93353	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64922	5.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.60%
7) Chloroethane-d5	1.58	69	49592	5.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.20%
11) 1,1-Dichloroethene-d2	2.12	63	91403	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.20%
20) 2-Butanone-d5	3.93	46	133670	45.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.94%
24) Chloroform-d	4.38	84	132199	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	5.06	65	71498	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.40%
32) Benzene-d6	5.08	84	256301	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
36) 1,2-Dichloropropane-d6	6.09	67	74806	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.34	98	232217	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
45) trans-1,3-Dichloropropene-	7.64	79	21459	3.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.60%
48) 2-Hexanone-d5	8.11	63	100856	45.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.72%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	49905	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	93738	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

				Ovalue
13) Acetone	2.20	43	10657m	7.172 ug/L
14) Carbon disulfide	2.31	76	4630	0.168 ug/L # 89
19) 1,1-Dichloroethane	3.21	63	18353	0.836 ug/L 97
29) 1,1,1-Trichloroethane	4.63	97	1972	0.091 ug/L # 74
30) Cyclohexane	4.70	56	7576	0.368 ug/L 96
33) Benzene	5.13	78	44899	0.950 ug/L 100
54) Ethylbenzene	9.03	91	22281	0.380 ug/L 96
58) Isopropylbenzene	9.95	105	34455	0.583 ug/L 97

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

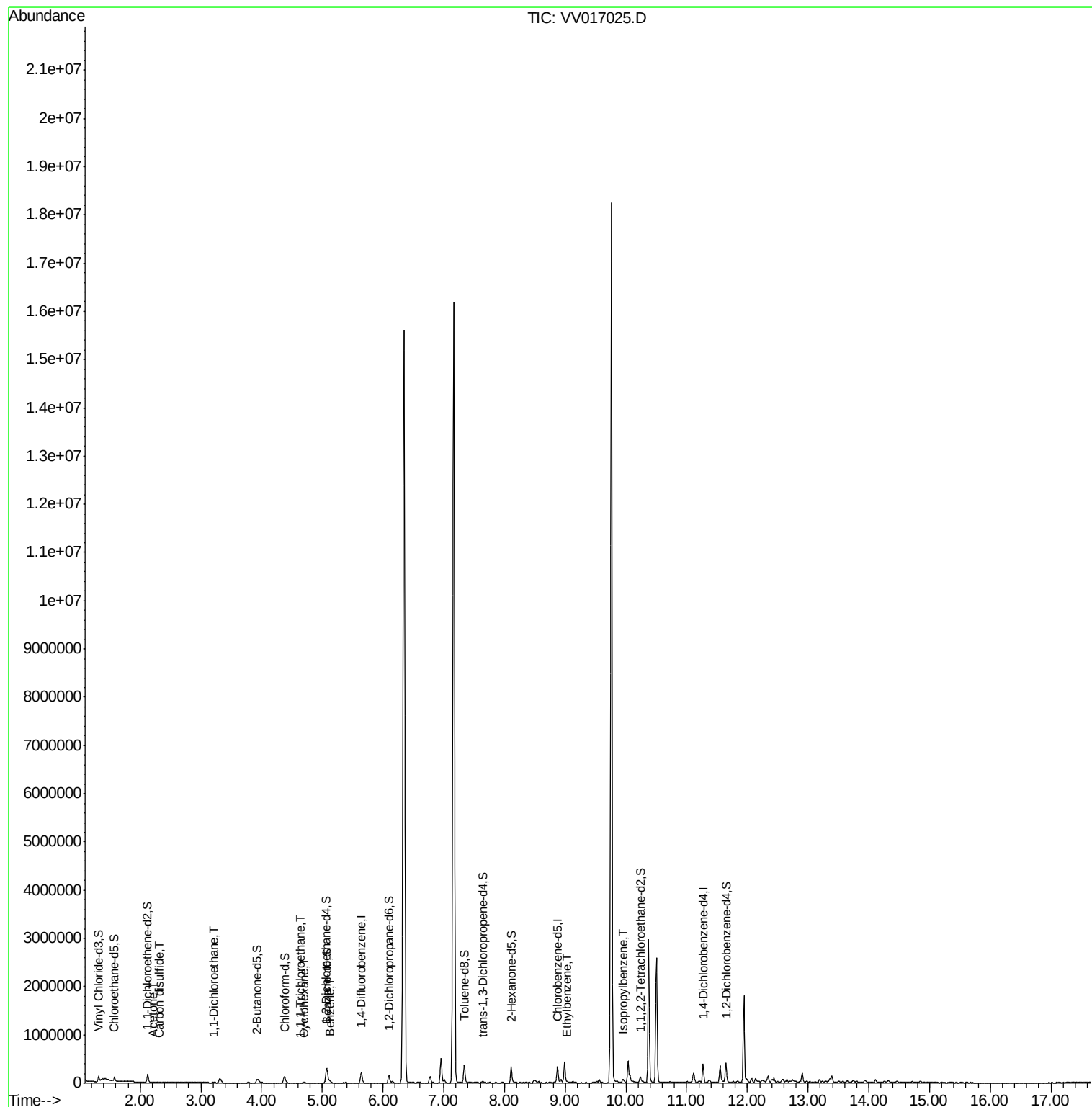
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV062320\
Data File : VV017025.D
Acq On : 22 Jun 2020 18:34
Operator : SY/MD
Sample : L3067-04
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 7 Sample Multiplier: 1

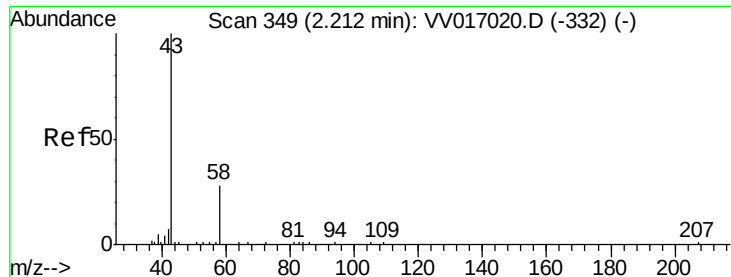
Instrument :
MSVOA_V
ClientSampleId :
BFXG1

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Quant Time: Jun 23 05:37:35 2020
Quant Method : Z:\V0ASRV\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





#13

Acetone

Concen: 7.172 ug/L m

RT: 2.20 min Scan# 344

Delta R.T. -0.02 min

Lab File: VV017025.D

Acq: 22 Jun 2020 18:34

Instrument :

MSVOA_V

ClientSampleId :

BFXG1

Tot Ion: 43 Resp: 10657

Ion Ratio Lower Upper

43 100

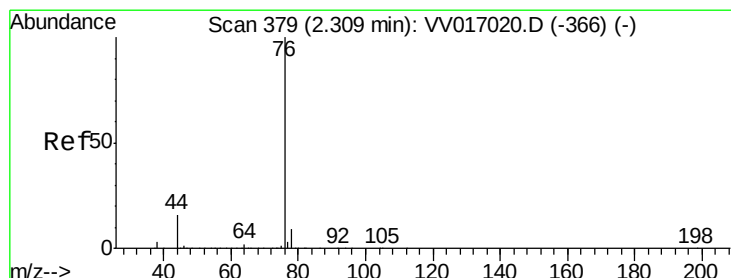
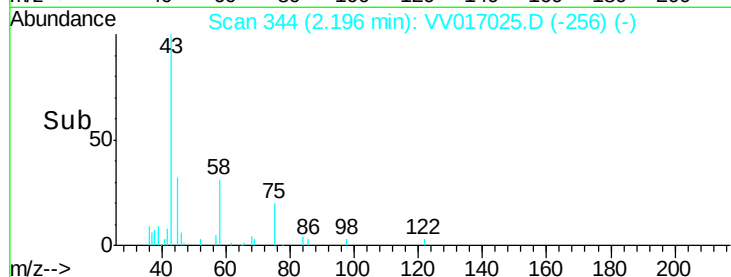
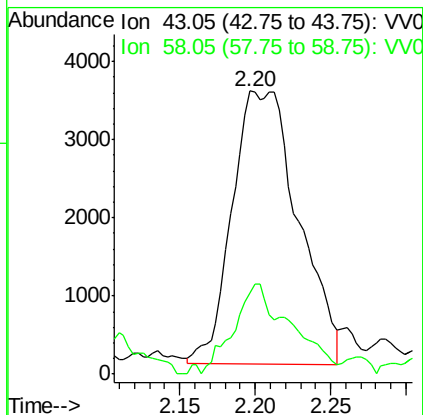
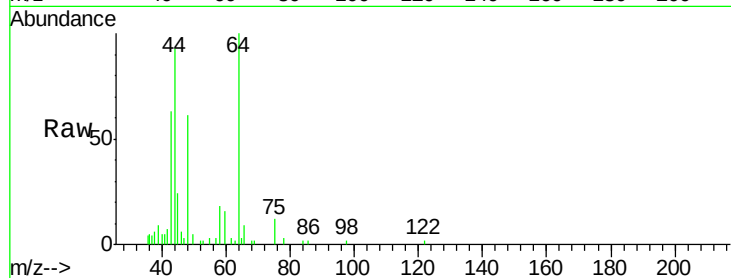
58 1.0 0.0 58.4

Manual Integrations

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#14

Carbon disulfide

Concen: 0.168 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV017025.D

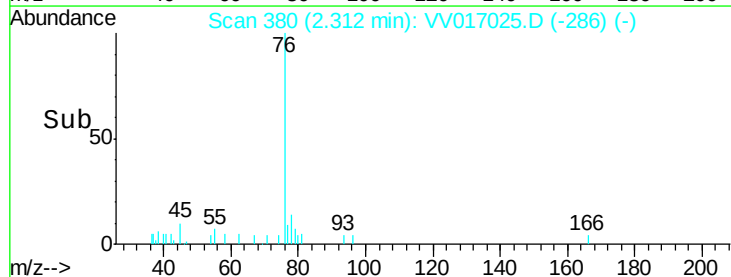
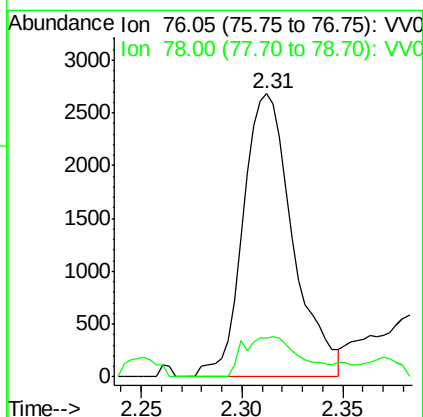
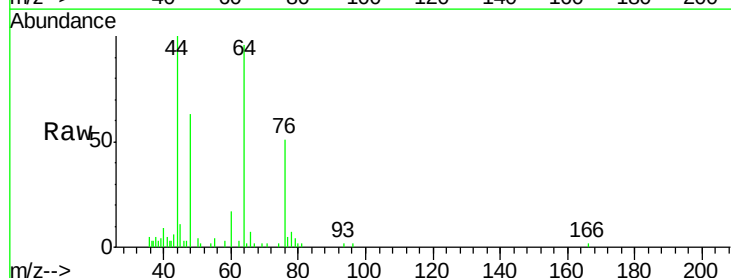
Acq: 22 Jun 2020 18:34

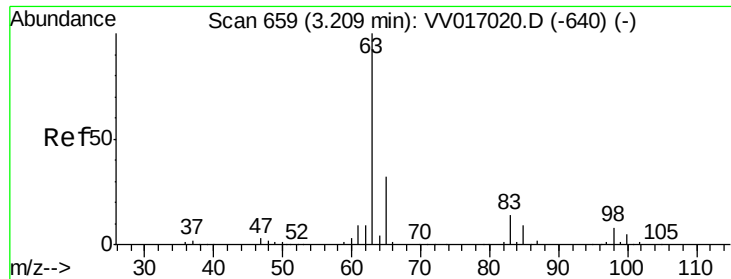
Tgt Ion: 76 Resp: 4630

Ion Ratio Lower Upper

76 100

78 13.7 7.7 11.5#





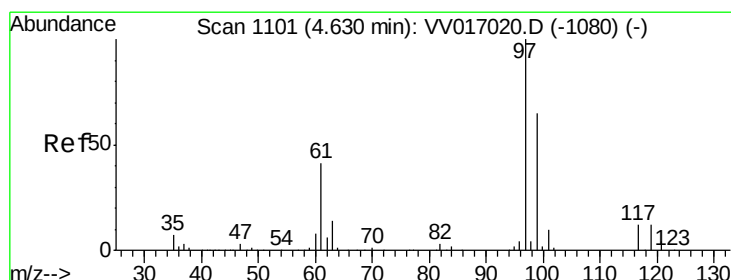
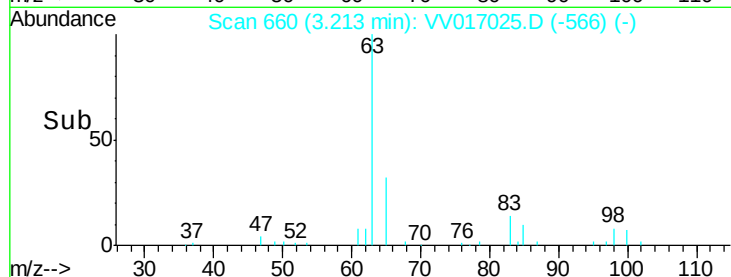
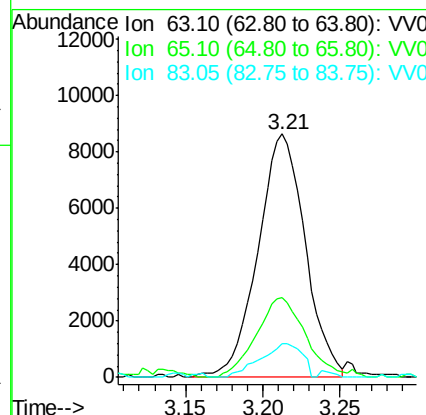
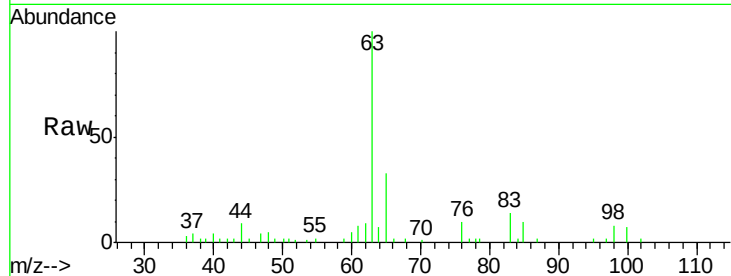
#19
 1,1-Dichloroethane
 Concen: 0.836 ug/L
 RT: 3.21 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: VV017025.D
 Acq: 22 Jun 2020 18:34

Instrument :
 MSVOA_V
 ClientSampled :
 BFXG1

Tot Ion:	63	Resp:	18353
Ion Ratio	Lower	Upper	
63	100		
65	33.0	21.8	40.4
83	13.6	9.7	17.9

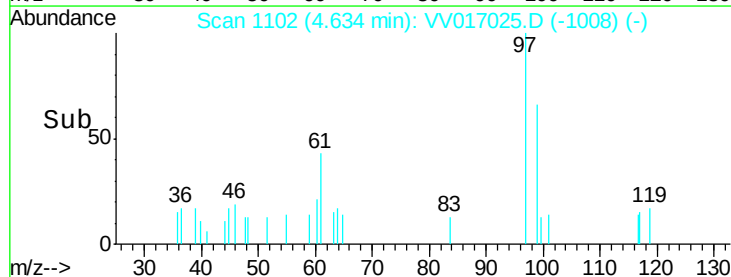
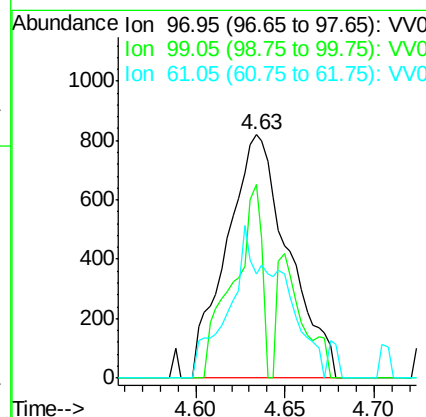
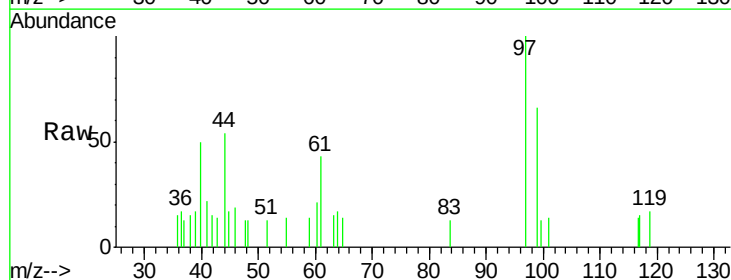
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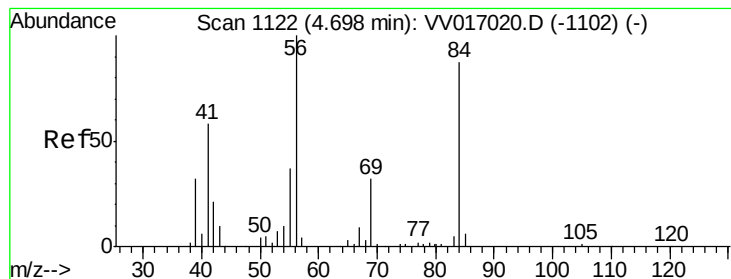
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 6/24/2020 8:57:40 AM



#29
 1,1,1-Trichloroethane
 Concen: 0.091 ug/L
 RT: 4.63 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VV017025.D
 Acq: 22 Jun 2020 18:34

Tgt Ion:	97	Resp:	1972
Ion Ratio	Lower	Upper	
97	100		
99	36.6	50.3	75.5#
61	54.2	36.0	54.0#





#30

Cyclohexane

Concen: 0.368 ug/L

RT: 4.70 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VV017025.D

Acq: 22 Jun 2020 18:34

Instrument :

MSVOA_V

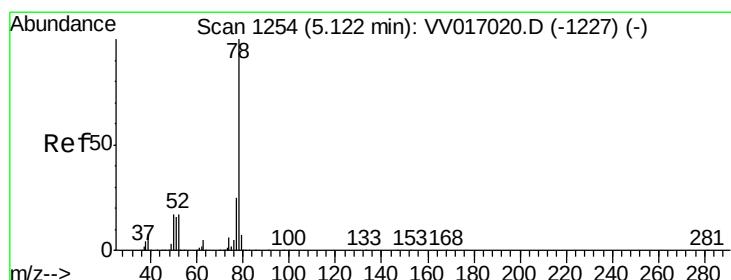
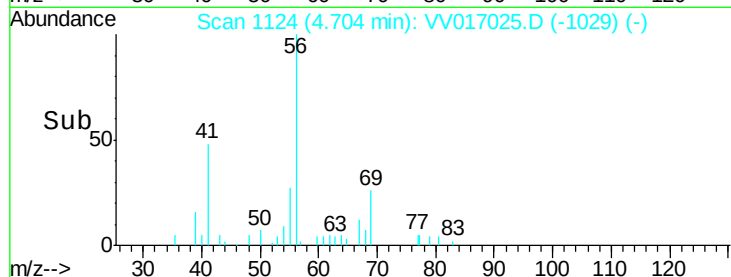
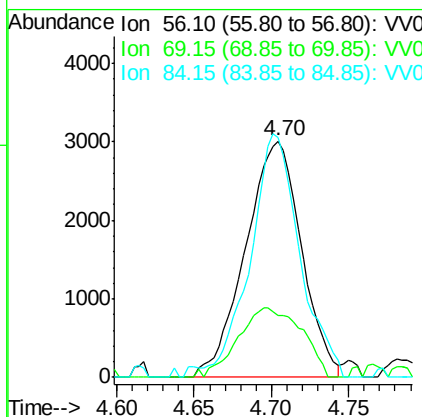
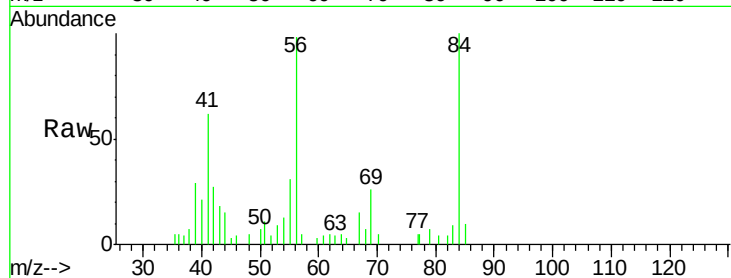
ClientSampleId :

BFXG1

Tot Ion:	56	Resp:	7576
Ion	Ratio	Lower	Upper
56	100		
69	33.5	24.4	36.6
84	91.2	69.9	104.9

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#33

Benzene

Concen: 0.950 ug/L

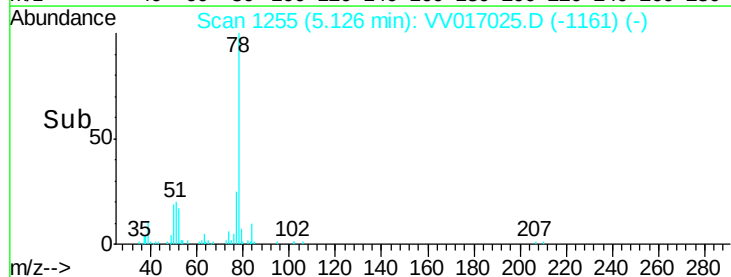
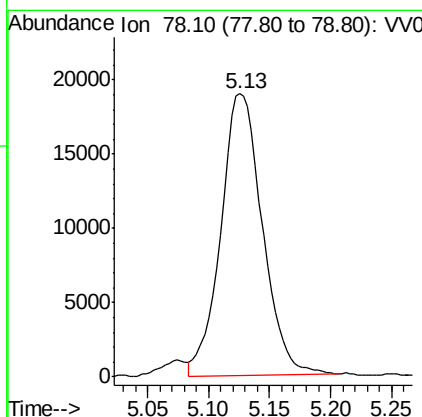
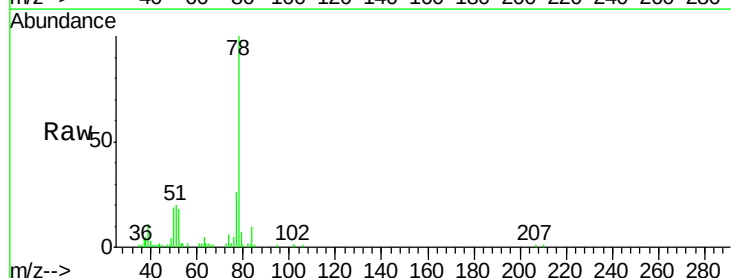
RT: 5.13 min Scan# 1255

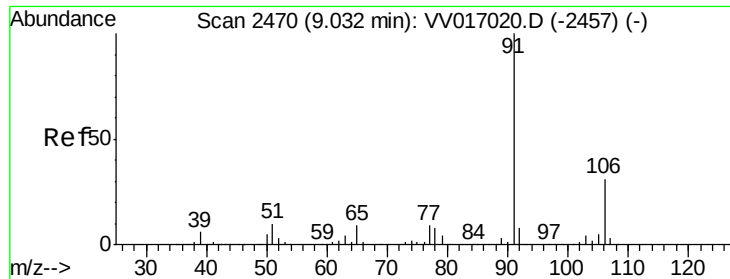
Delta R.T. 0.00 min

Lab File: VV017025.D

Acq: 22 Jun 2020 18:34

Tgt Ion: 78 Resp: 44899





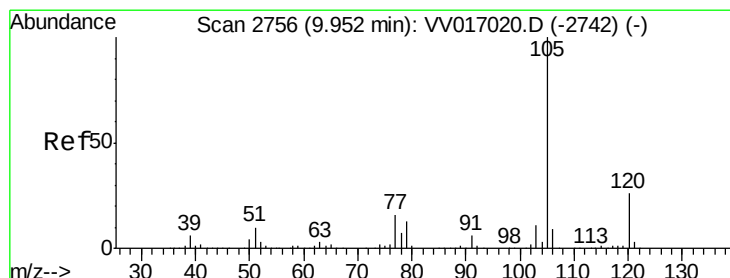
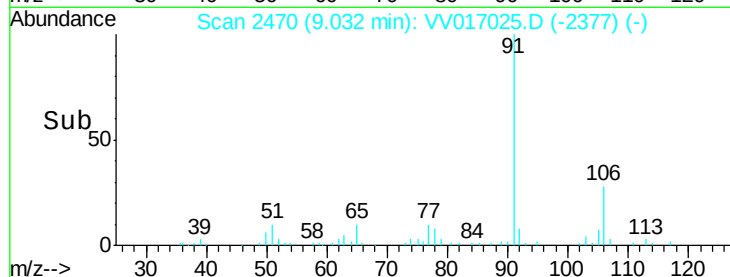
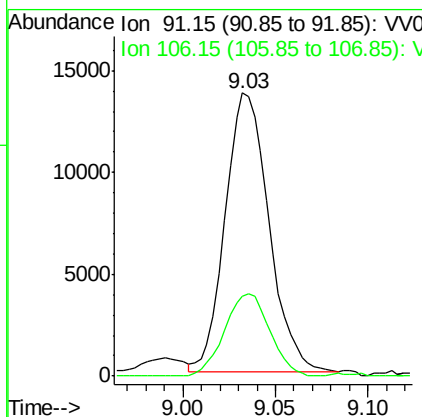
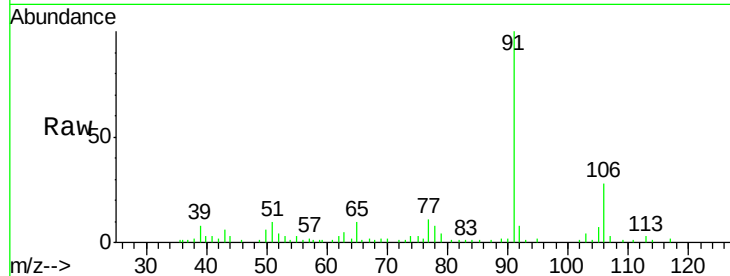
#54
Ethylbenzene
Concen: 0.380 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. 0.00 min
Lab File: VV017025.D
Acq: 22 Jun 2020 18:34

Instrument :
MSVOA_V
ClientSampleId :
BFXG1

Tot Ion	Ratio	Resp	Lower	Upper
91	100	22281		
106	28.0		21.1	39.1

Manual Integrations
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#58
Isopropylbenzene
Concen: 0.583 ug/L
RT: 9.95 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VV017025.D
Acq: 22 Jun 2020 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	34455		
120	28.1		21.2	31.8
77	17.7		13.0	19.4

