

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017038.D
 Acq On : 22 Jun 2020 23:45
 Operator : SY/MD
 Sample : L3067-08
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXG5

Manual Integrations
 APPROVED

MMDadoda
 6/24/2020 8:57:49 AM

Quant Time: Jun 23 07:01:31 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	172464	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	168386	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	82668	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45251	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.58	69	35524	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.12	63	69733	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	3.94	46	133831	50.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.46%
24) Chloroform-d	4.38	84	108317	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.06	65	60207	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.07	84	210918	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.09	67	63331	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.34	98	198755	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
45) trans-1,3-Dichloropropene-	7.64	79	23726	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
48) 2-Hexanone-d5	8.11	63	91151	43.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.84%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	44440	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	78700	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

					Ovalue
8) Chloroethane	1.60	64	20095	3.213 ug/L	# 76
12) 1,1-Dichloroethene	2.14	96	4897m	0.592 ug/L	
18) trans-1,2-Dichloroethene	2.78	96	6718	0.766 ug/L	94
19) 1,1-Dichloroethane	3.21	63	19245	0.977 ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	34433	2.871 ug/L	94
29) 1,1,1-Trichloroethane	4.63	97	40243	1.995 ug/L	97
33) Benzene	5.12	78	337225	7.647 ug/L	100
42) Toluene	7.41	91	7517	0.147 ug/L	81

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

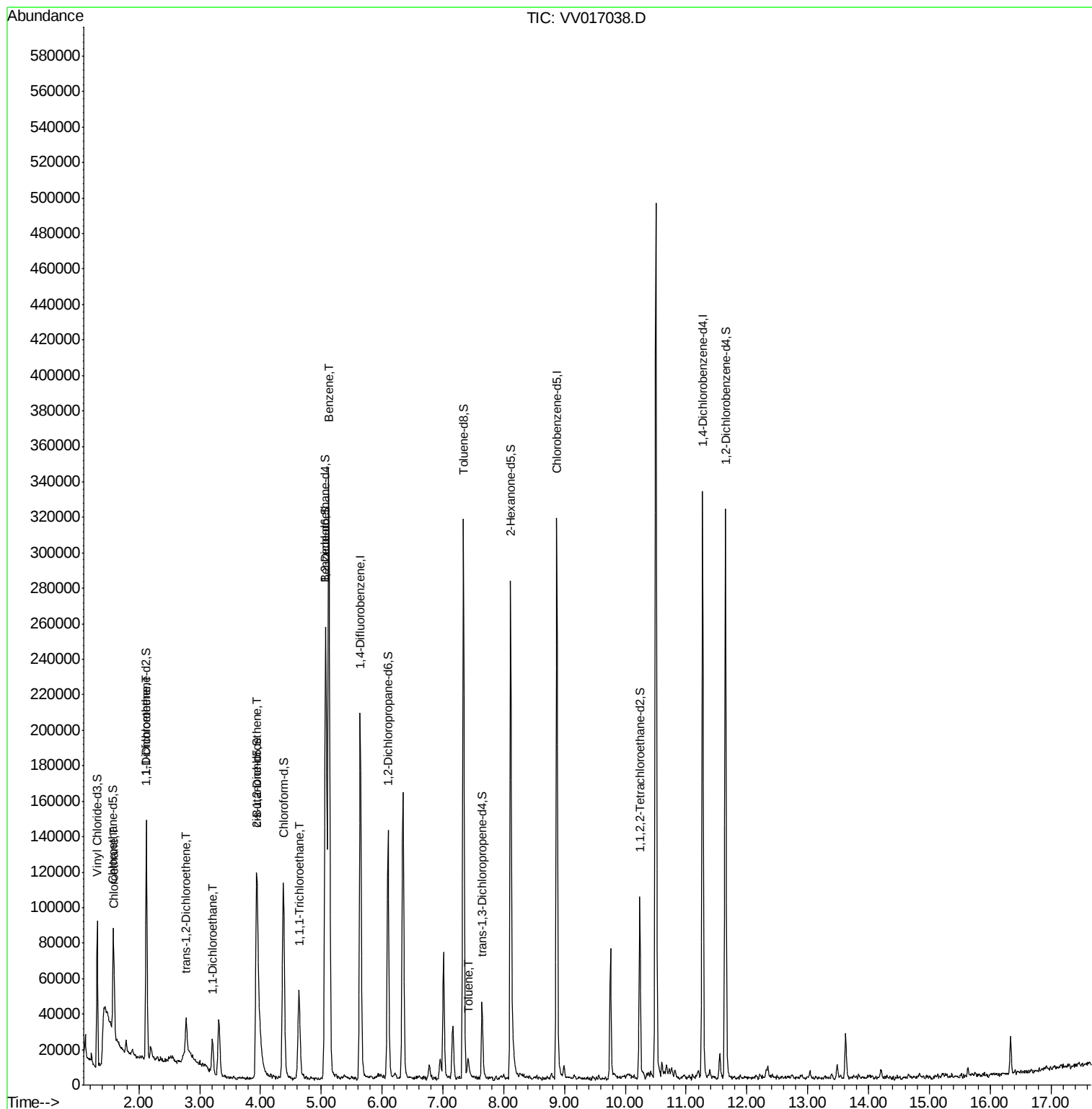
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
Data File : VV017038.D
Acq On : 22 Jun 2020 23:45
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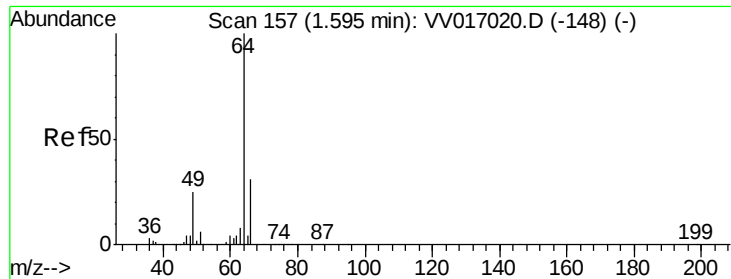
Instrument :
MSVOA_V
ClientSampleId :
BFXG5

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Quant Time: Jun 23 07:01:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
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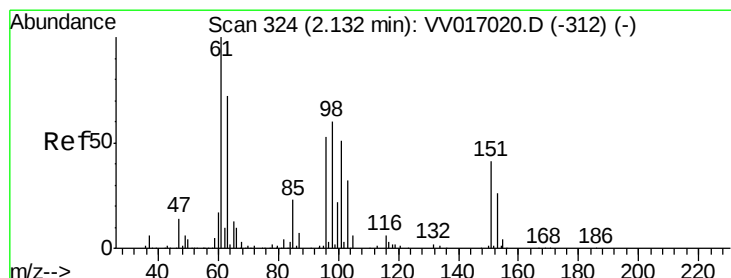
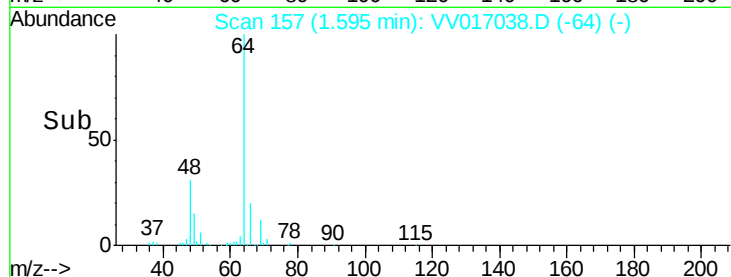
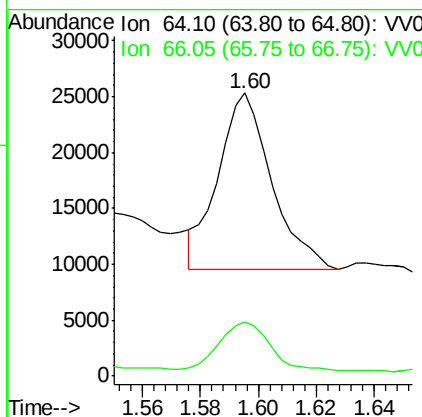
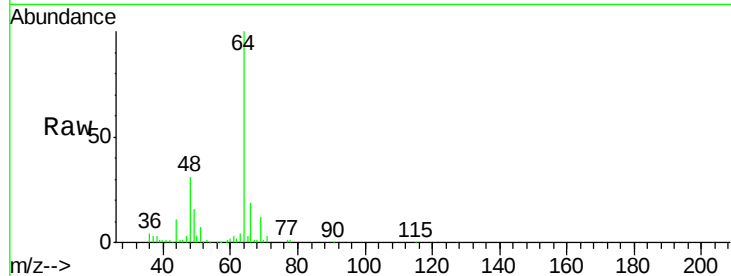
#8
Chloroethane
Concen: 3.213 ug/L
RT: 1.60 min Scan# 157
Delta R.T. 0.00 min
Lab File: VV017038.D
Acq: 22 Jun 2020 23:45

Instrument :
MSVOA_V
ClientSampleId :
BFXG5

Tot Ion	Ratio	Lower	Upper
64	100		
66	19.2	22.8	42.4#

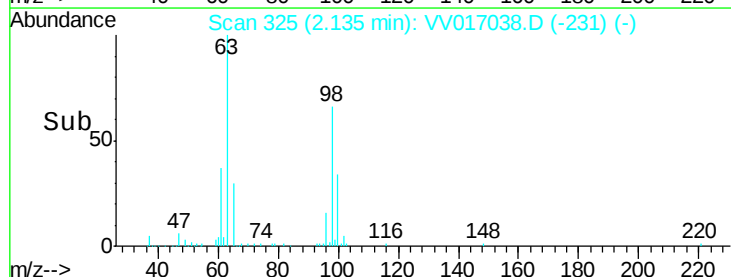
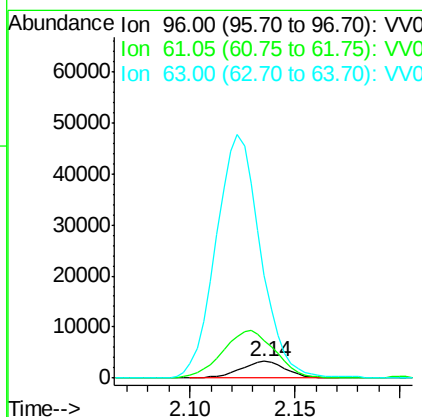
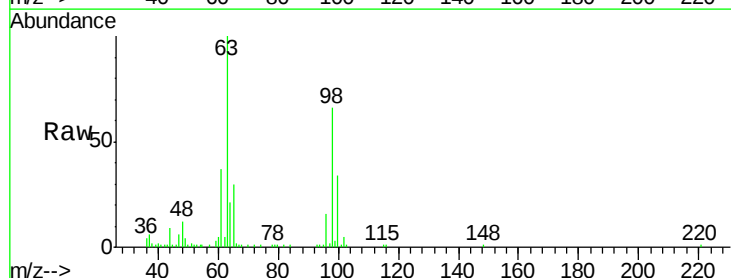
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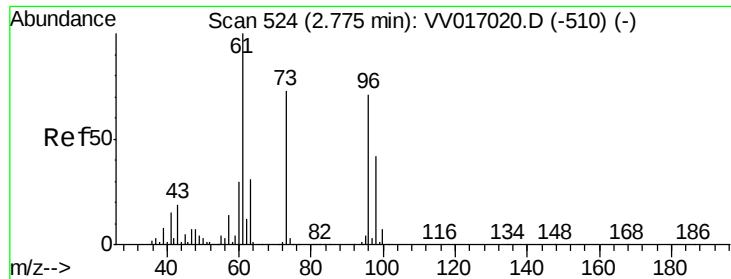
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#12
1,1-Dichloroethene
Concen: 0.592 ug/L m
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV017038.D
Acq: 22 Jun 2020 23:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	226.7	125.0	232.2
63	614.5	109.8	203.8#





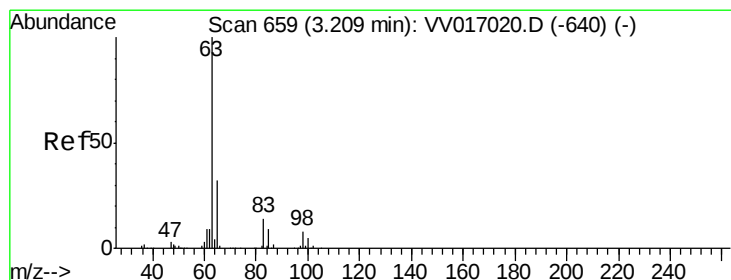
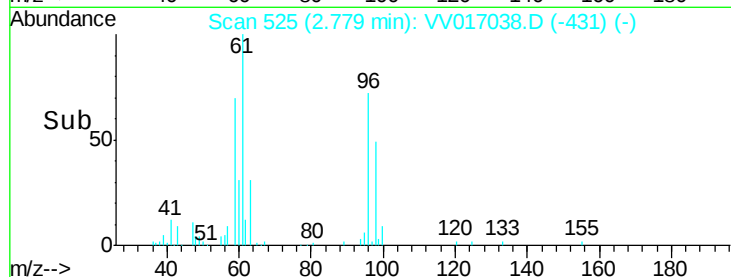
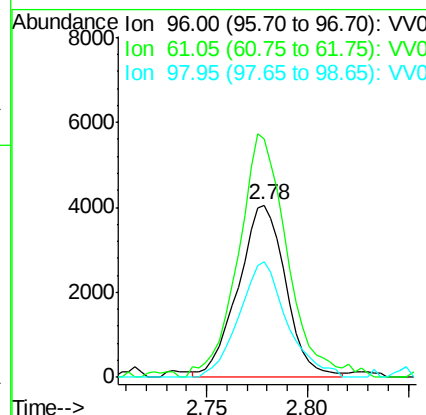
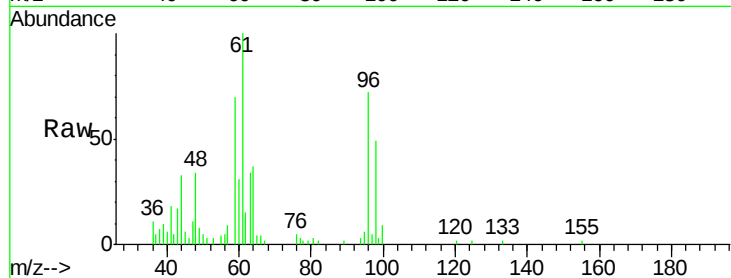
#18
trans-1,2-Dichloroethene
Concen: 0.766 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV017038.D
Acq: 22 Jun 2020 23:45

Instrument :
MSVOA_V
ClientSampleId :
BFXG5

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.3	102.3	189.9
98	67.2	44.7	82.9

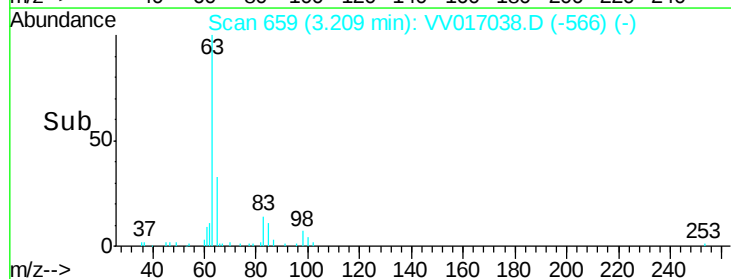
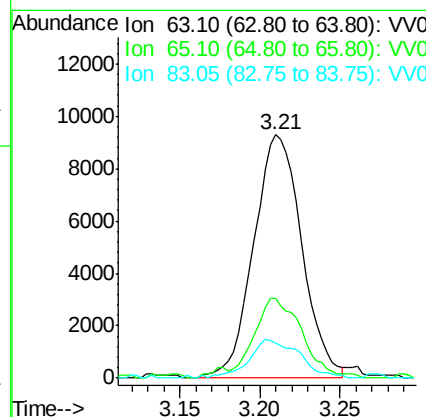
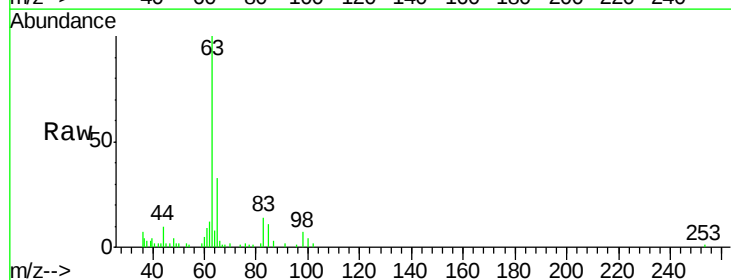
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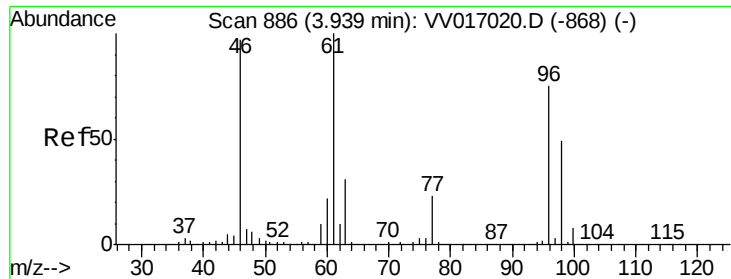
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#19
1,1-Dichloroethane
Concen: 0.977 ug/L
RT: 3.21 min Scan# 659
Delta R.T. 0.00 min
Lab File: VV017038.D
Acq: 22 Jun 2020 23:45

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.6	21.8	40.4
83	14.3	9.7	17.9





#22

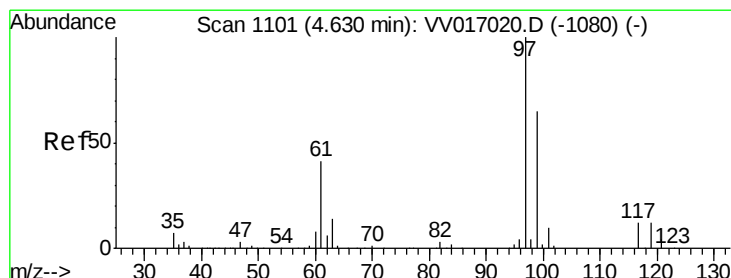
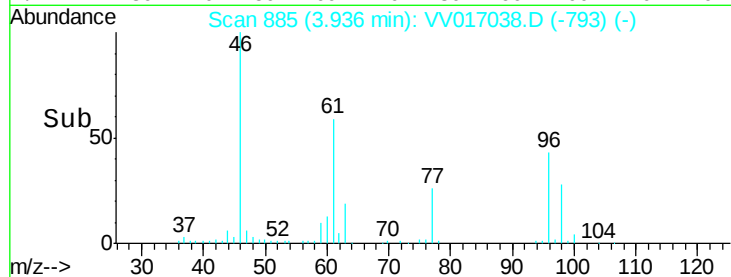
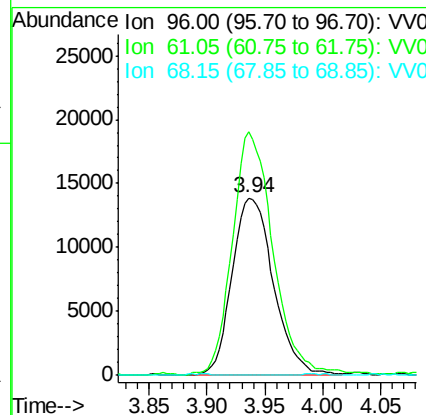
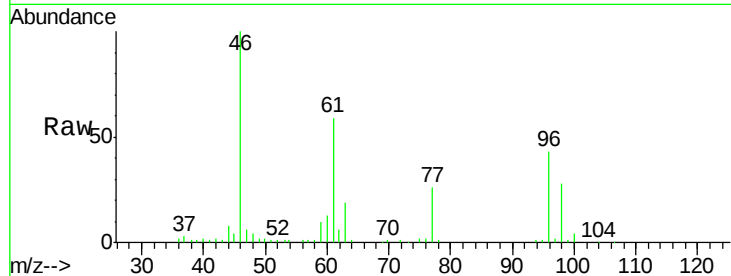
cis-1,2-Dichloroethene
Concen: 2.871 ug/L
RT: 3.94 min Scan# 885
Delta R.T. -0.00 min
Lab File: VV017038.D
Acq: 22 Jun 2020 23:45

Instrument :
MSVOA_V
ClientSampleId :
BFXG5

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.1	91.0	169.0
68	0.0	0.0	0.0

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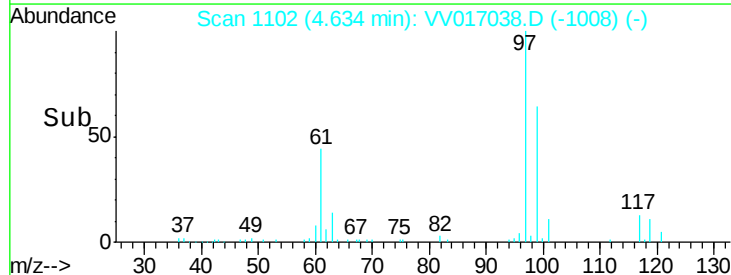
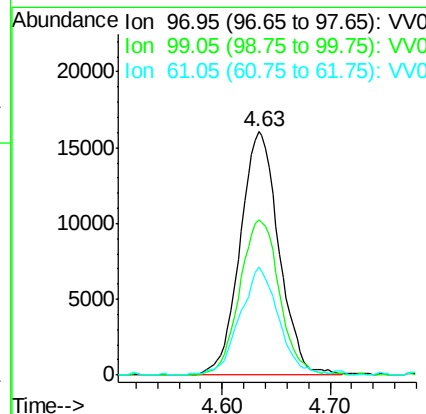
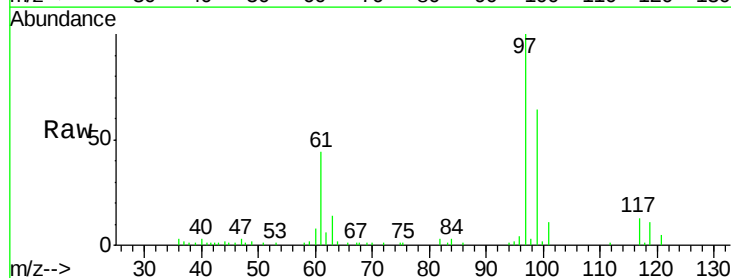
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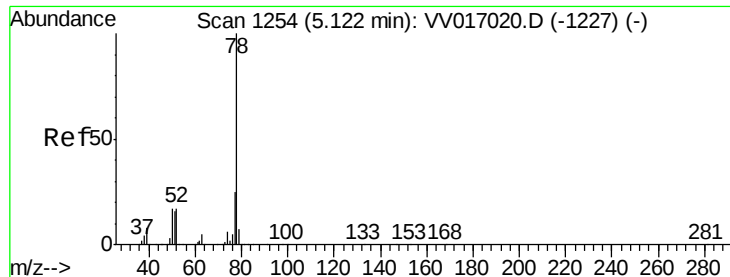


#29

1,1,1-Trichloroethane
Concen: 1.995 ug/L
RT: 4.63 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV017038.D
Acq: 22 Jun 2020 23:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	50.3	75.5
61	42.3	36.0	54.0





#33

Benzene

Concen: 7.647 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. 0.00 min

Lab File: VV017038.D

Acq: 22 Jun 2020 23:45

Instrument :

MSVOA_V

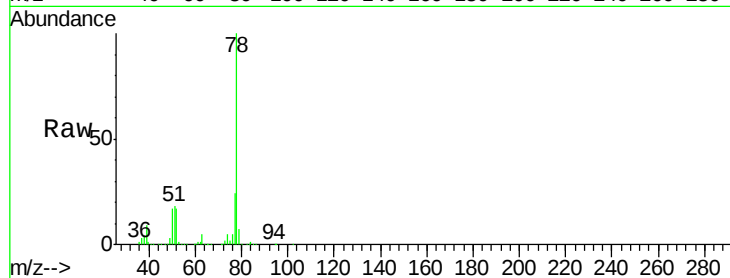
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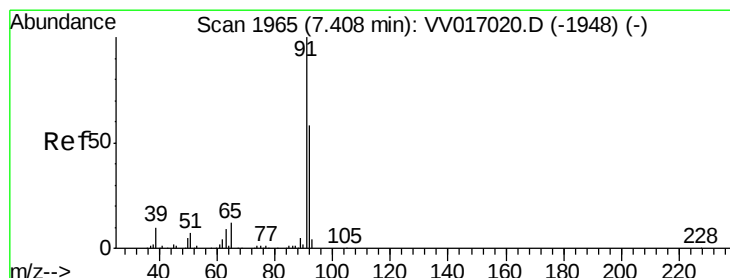
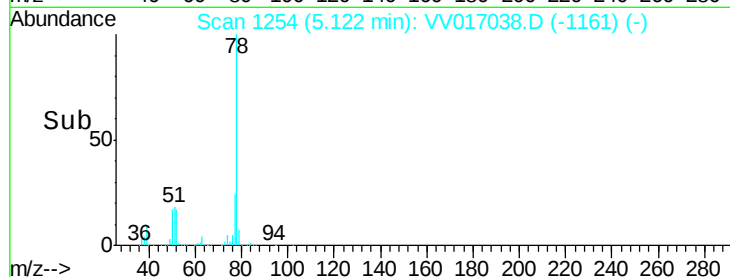
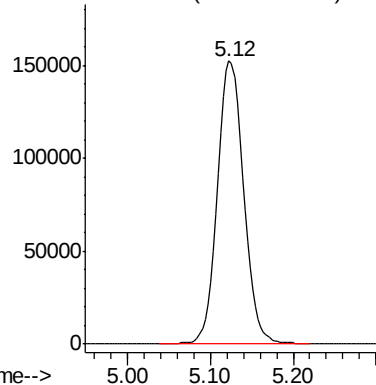
Tgt Ion: 78 Resp: 337225

Manual Integrations
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Abundance Ion 78.10 (77.80 to 78.80): VV0



#42

Toluene

Concen: 0.147 ug/L

RT: 7.41 min Scan# 1966

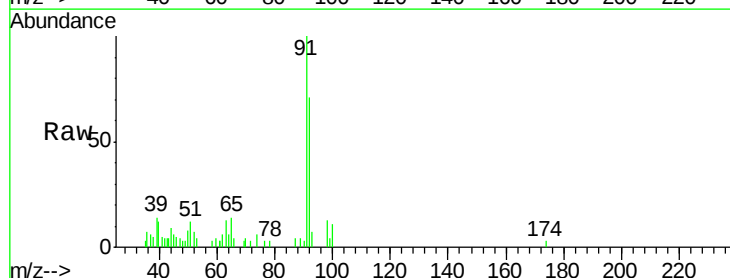
Delta R.T. 0.00 min

Lab File: VV017038.D

Acq: 22 Jun 2020 23:45

Tgt Ion: 91 Resp: 7517

Ion	Ratio	Lower	Upper
91	100		
92	71.0	39.9	74.1



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

