

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017039.D
 Acq On : 23 Jun 2020 00:09
 Operator : SY/MD
 Sample : L3067-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 23 05:00:49 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	176774	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	170649	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	86022	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47244	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.58	69	37468	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.12	63	72508	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	3.93	46	136179	50.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.72%
24) Chloroform-d	4.38	84	111796	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.06	65	61261	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.07	84	219417	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.09	67	64807	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.34	98	203344	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
45) trans-1,3-Dichloropropene-	7.64	79	24475	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
48) 2-Hexanone-d5	8.11	63	90855	43.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.40%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	45202	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	80492	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

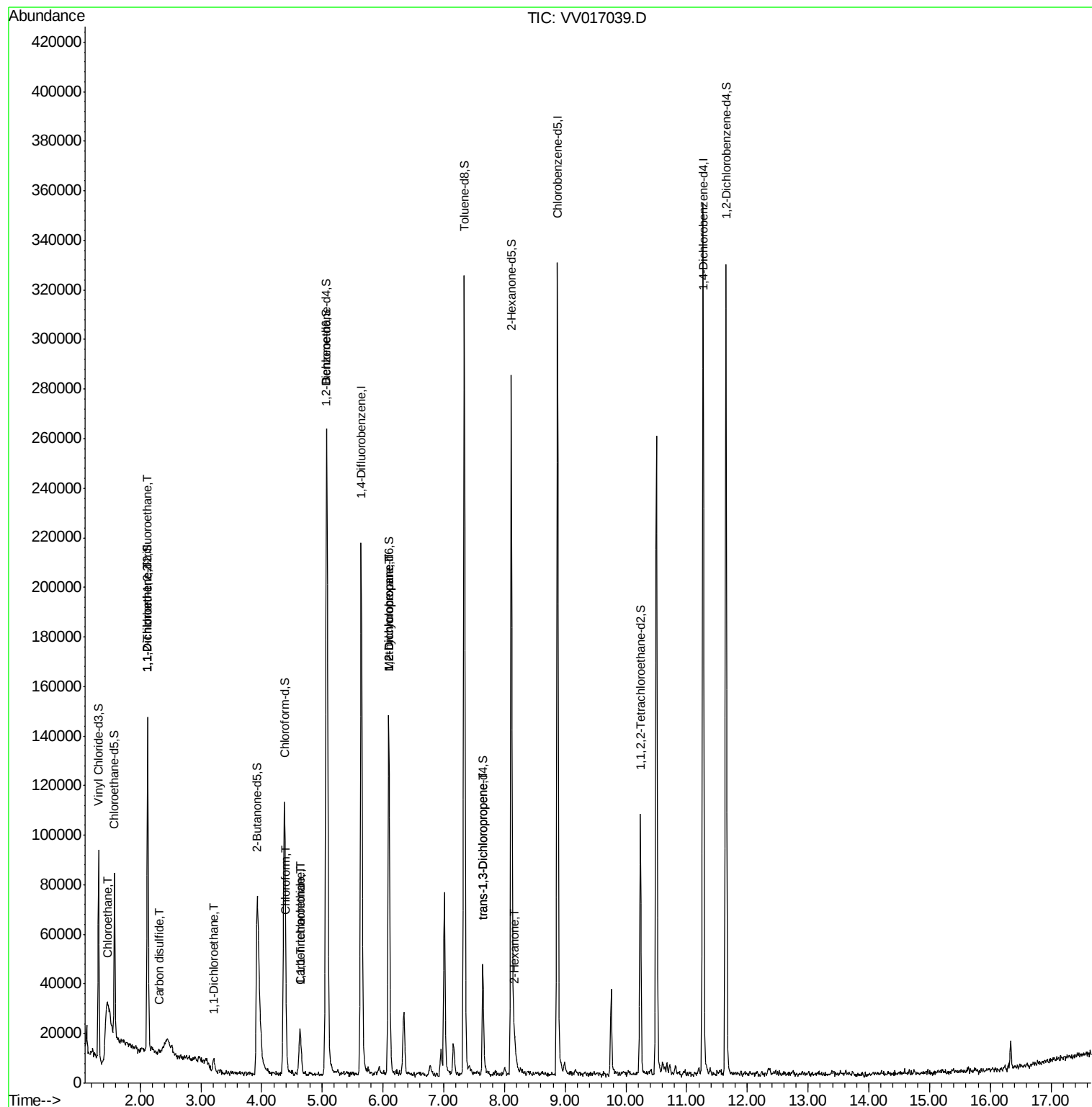
					Ovalue
8) Chloroethane	1.45	64	40473	6.313	ug/L # 49
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	723	0.077	ug/L # 28
12) 1,1-Dichloroethene	2.13	96	1693	0.200	ug/L # 1
14) Carbon disulfide	2.32	76	1977	0.078	ug/L # 70
19) 1,1-Dichloroethane	3.21	63	4359	0.216	ug/L 95
25) Chloroform	4.41	83	3998	0.181	ug/L 79
29) 1,1,1-Trichloroethane	4.63	97	15188	0.743	ug/L 96
31) Carbon tetrachloride	4.64	117	1988	0.108	ug/L 95
35) Methylcyclohexane	6.09	83	16903	0.831	ug/L # 18
37) 1,2-Dichloropropane	6.09	63	8691	0.786	ug/L # 86
46) trans-1,3-Dichloropropene	7.65	75	1225	0.086	ug/L # 76
50) 2-Hexanone	8.17	43	5652	1.243	ug/L # 88

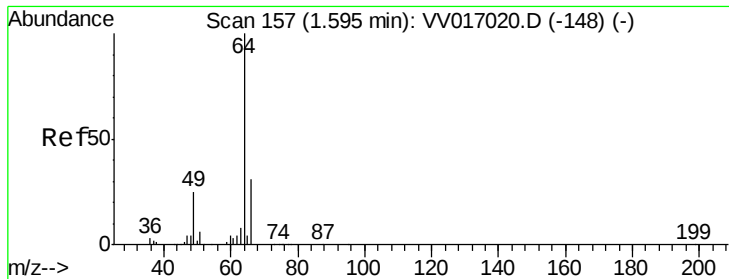
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#8

Chloroethane

Concen: 6.313 ug/L

RT: 1.45 min Scan# 113

Delta R.T. -0.14 min

Lab File: VV017039.D

Acq: 23 Jun 2020 00:09

Instrument :

MSVOA_V

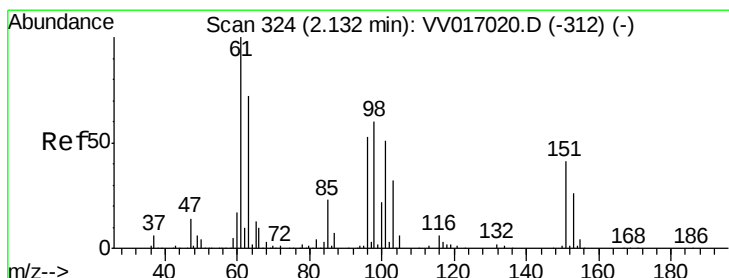
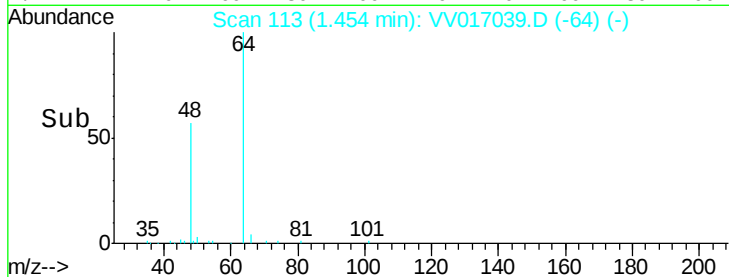
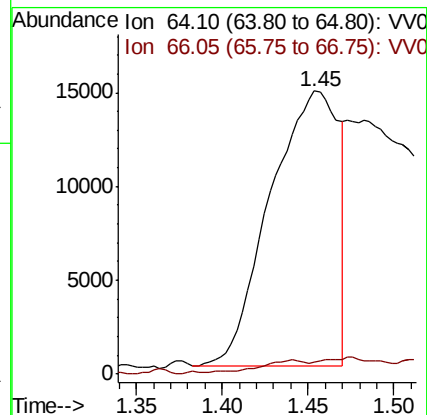
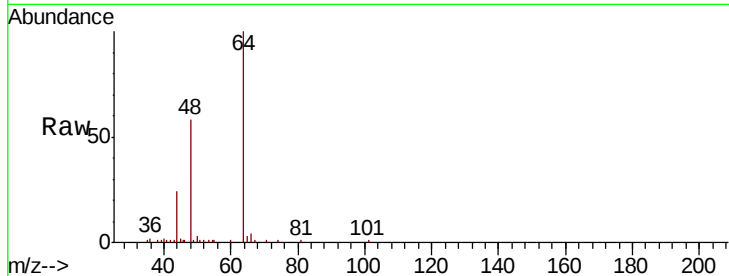
ClientSampleId :

Tot Ion: 64 Resp: 40473

Ion Ratio Lower Upper

64 100

66 4.1 22.8 42.4#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.077 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017039.D

Acq: 23 Jun 2020 00:09

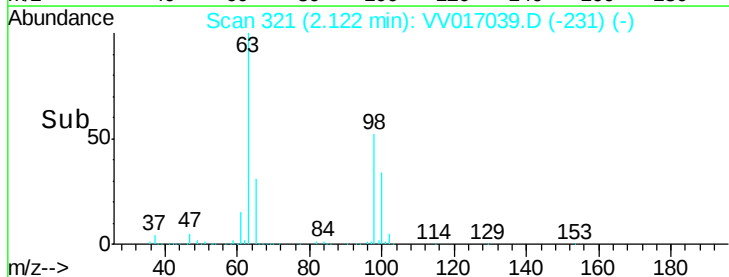
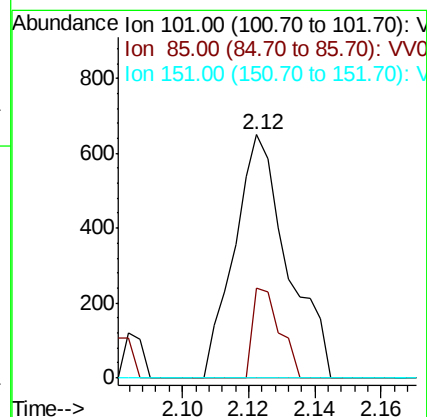
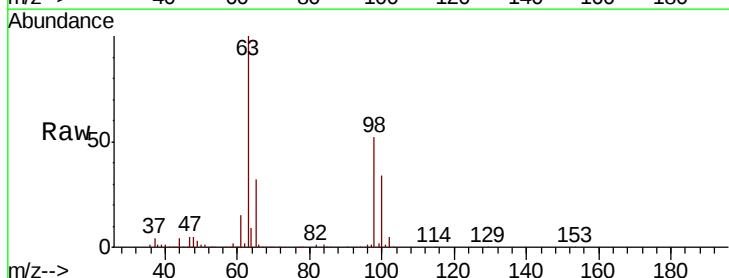
Tgt Ion:101 Resp: 723

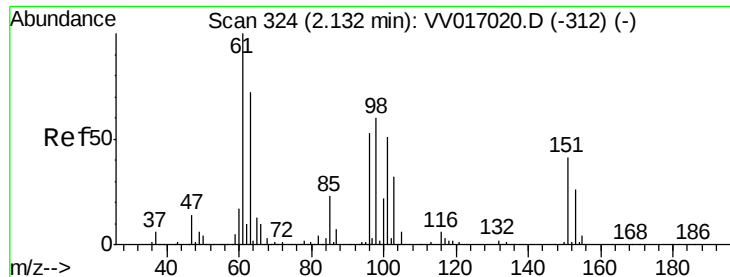
Ion Ratio Lower Upper

101 100

85 18.7 35.4 53.2#

151 0.0 63.9 95.9#





#12

1,1-Dichloroethene

Concen: 0.200 ug/L

RT: 2.13 min Scan# 323

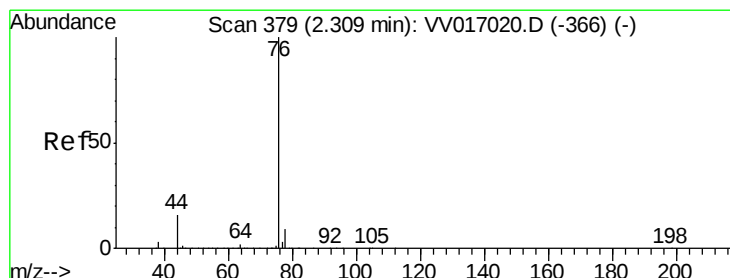
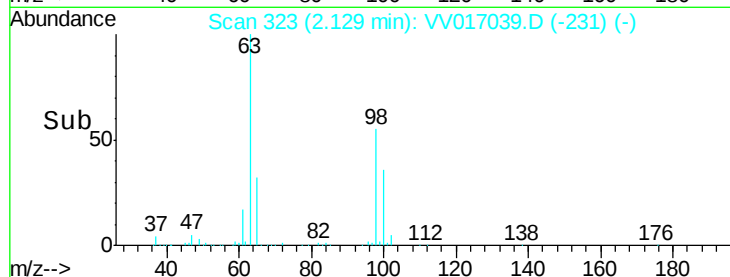
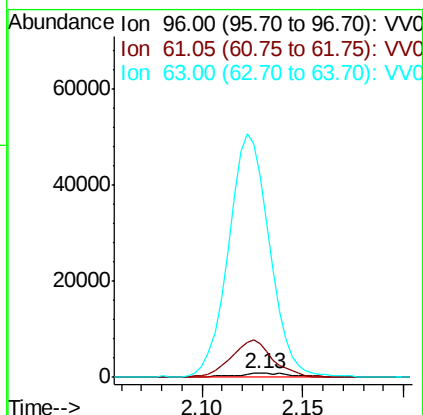
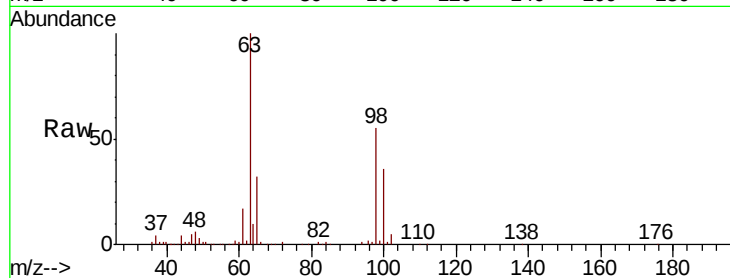
Delta R.T. -0.00 min

Lab File: VV017039.D

Acq: 23 Jun 2020 00:09

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 96 Resp: 1693
Ion Ratio Lower Upper
96 100
61 795.3 125.0 232.2#
63 4802.7 109.8 203.8#



#14

Carbon disulfide

Concen: 0.078 ug/L

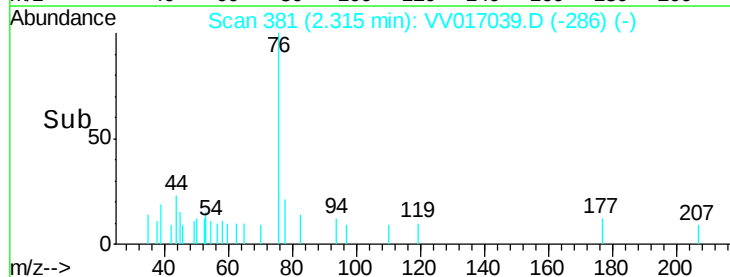
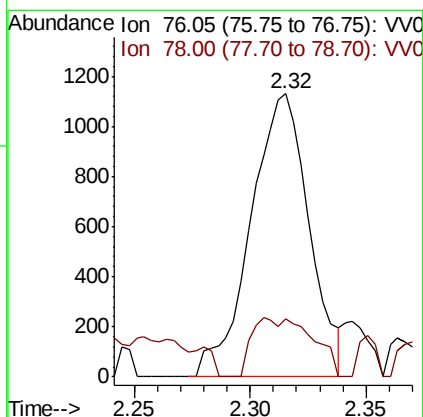
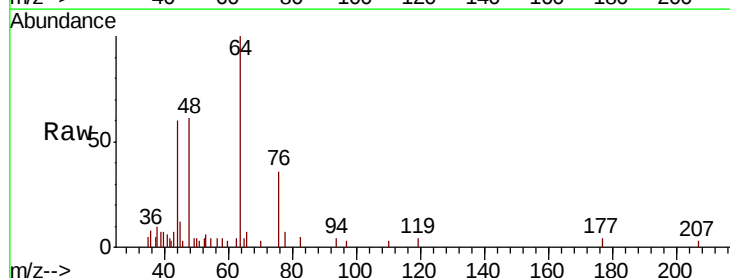
RT: 2.32 min Scan# 381

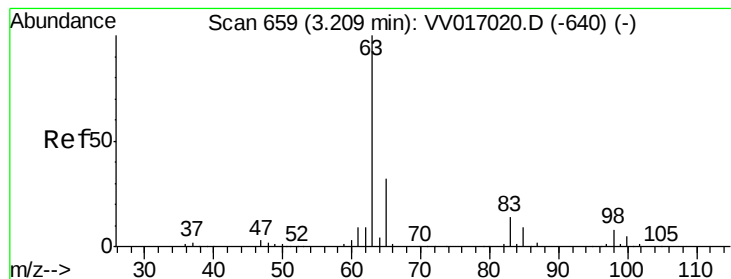
Delta R.T. 0.01 min

Lab File: VV017039.D

Acq: 23 Jun 2020 00:09

Tgt Ion: 76 Resp: 1977
Ion Ratio Lower Upper
76 100
78 20.6 7.7 11.5#





#19

1,1-Dichloroethane

Concen: 0.216 ug/L

RT: 3.21 min Scan# 659

Delta R.T. -0.00 min

Lab File: VV017039.D

Acq: 23 Jun 2020 00:09

Instrument :

MSVOA_V

ClientSampled :

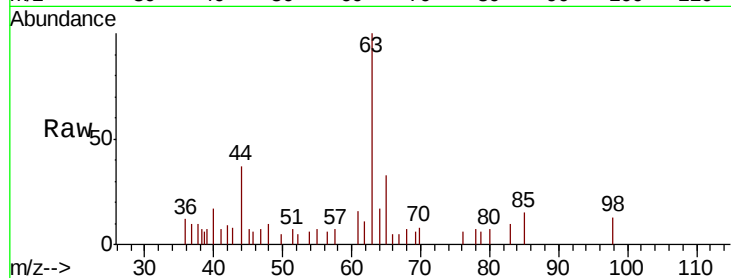
Tot Ion: 63 Resp: 4359

Ion Ratio Lower Upper

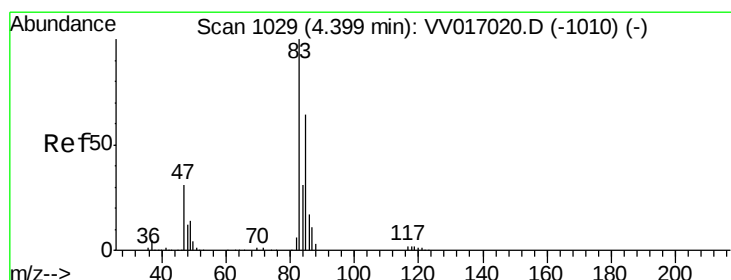
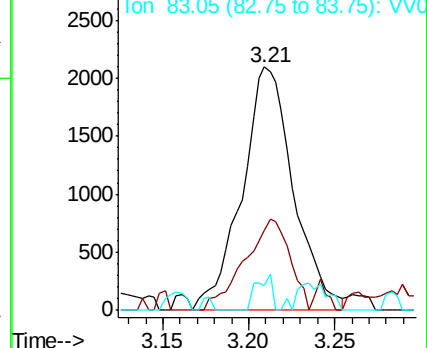
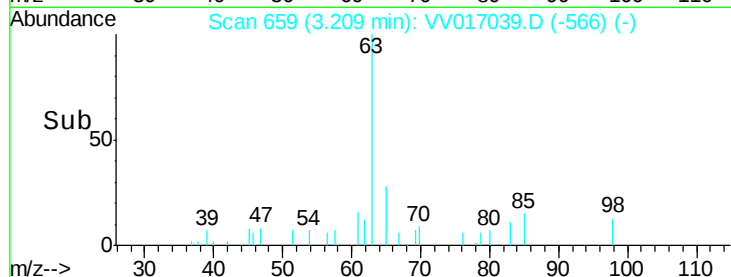
63 100

65 32.9 21.8 40.4

83 10.4 9.7 17.9



Abundance Ion 63.10 (62.80 to 63.80): VV017039.D (-566) (-)



#25

Chloroform

Concen: 0.181 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VV017039.D

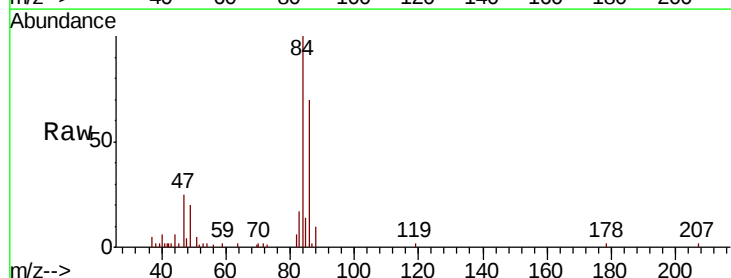
Acq: 23 Jun 2020 00:09

Tgt Ion: 83 Resp: 3998

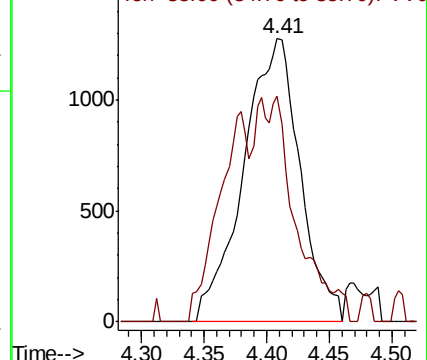
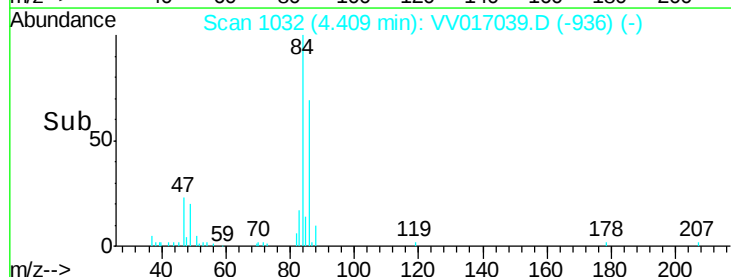
Ion Ratio Lower Upper

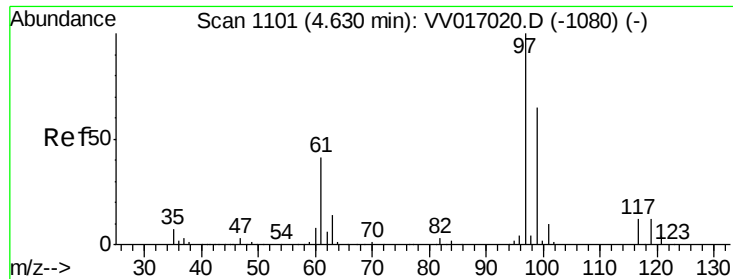
83 100

85 79.8 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VV017039.D (-936) (-)

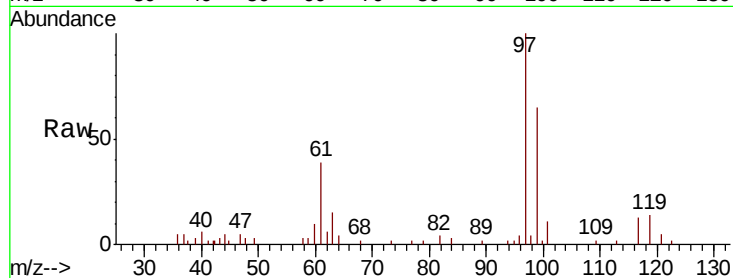




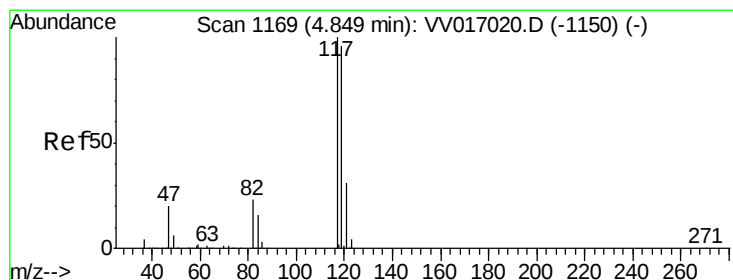
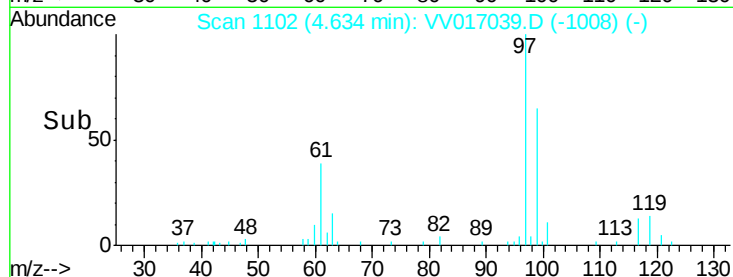
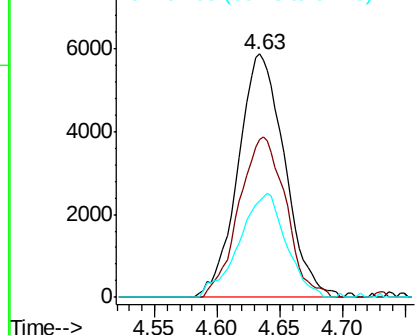
#29
 1,1,1-Trichloroethane
 Concen: 0.743 ug/L
 RT: 4.63 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VV017039.D
 Acq: 23 Jun 2020 00:09

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 97 Resp: 15188
 Ion Ratio Lower Upper
 97 100
 99 66.1 50.3 75.5
 61 43.0 36.0 54.0

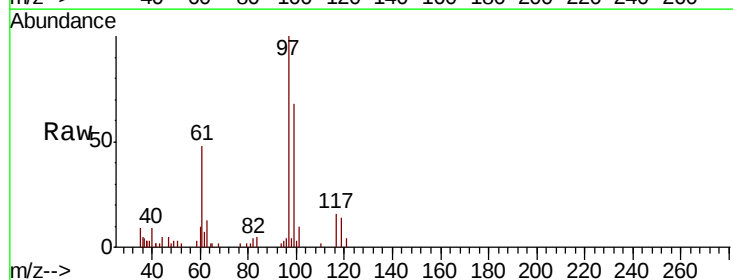


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

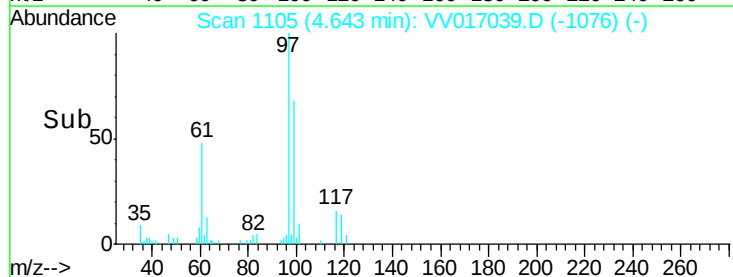
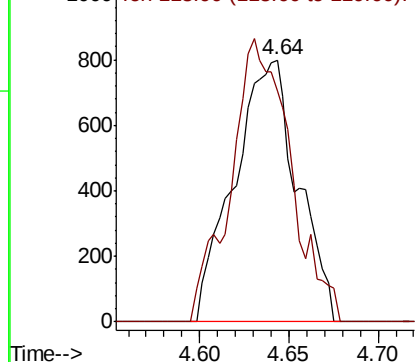


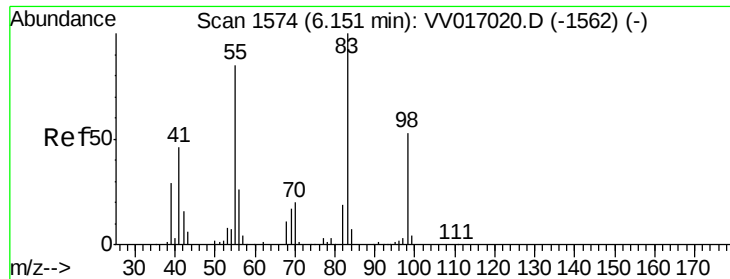
#31
 Carbon tetrachloride
 Concen: 0.108 ug/L
 RT: 4.64 min Scan# 1105
 Delta R.T. -0.21 min
 Lab File: VV017039.D
 Acq: 23 Jun 2020 00:09

Tgt Ion: 117 Resp: 1988
 Ion Ratio Lower Upper
 117 100
 119 101.8 77.8 116.8



Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 118.90 (118.60 to 119.60): V

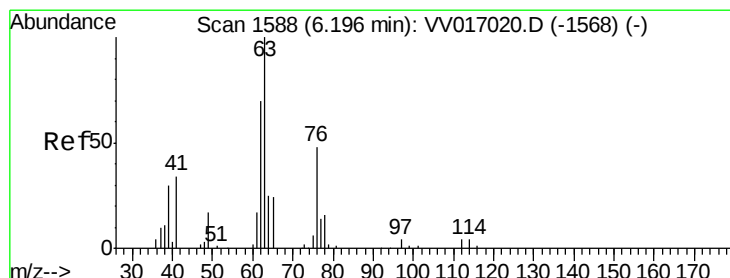
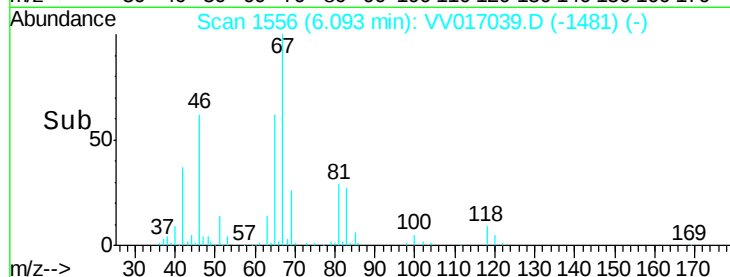
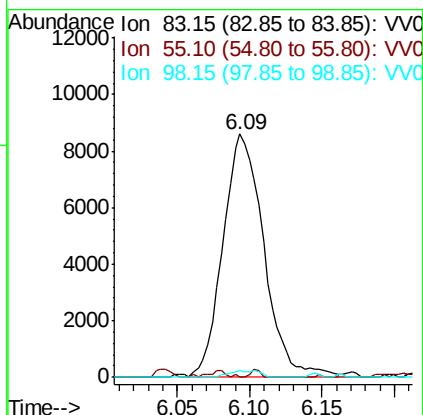
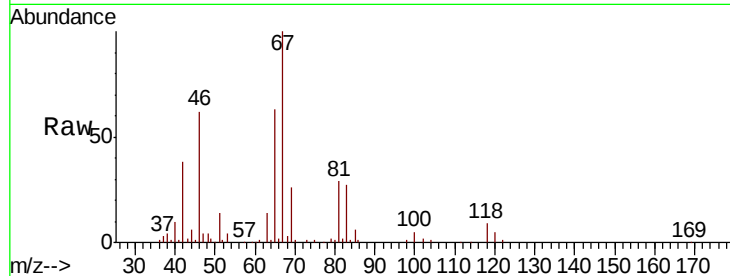




#35
Methvlcvclohexane
Concen: 0.831 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017039.D
Acq: 23 Jun 2020 00:09

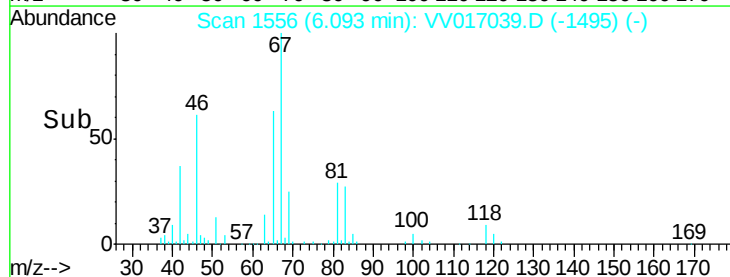
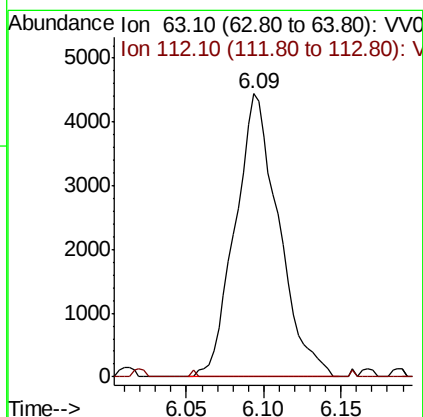
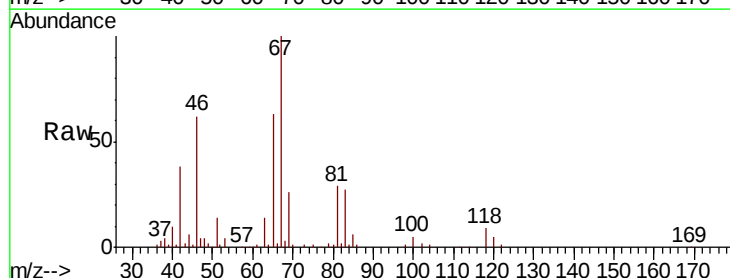
Instrument :
MSVOA_V
ClientSampleId :

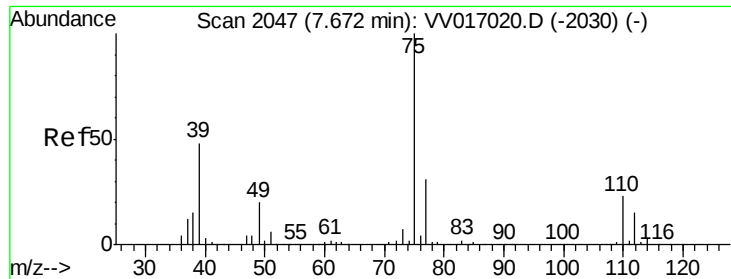
Tot Ion: 83 Resp: 16903
Ion Ratio Lower Upper
83 100
55 0.8 63.6 95.4#
98 2.0 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.786 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV017039.D
Acq: 23 Jun 2020 00:09

Tgt Ion: 63 Resp: 8691
Ion Ratio Lower Upper
63 100
112 0.8 4.4 6.6#

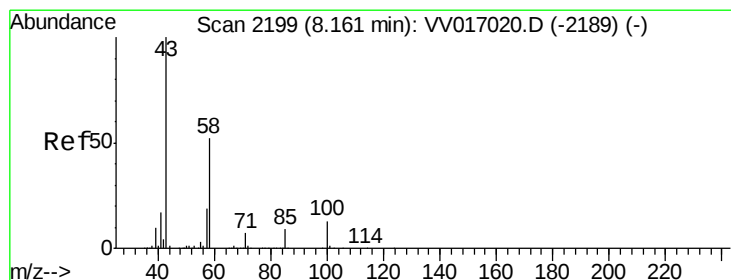
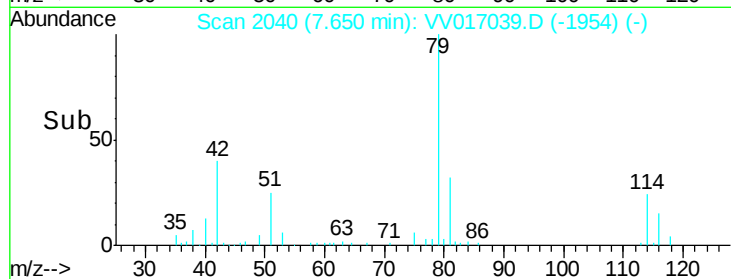
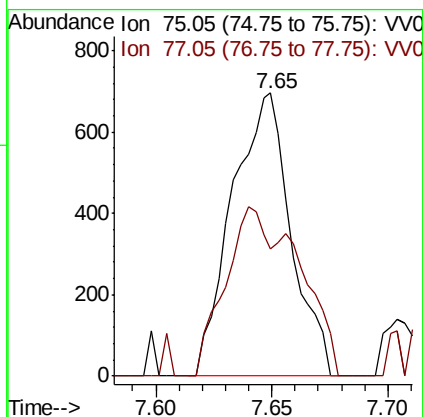
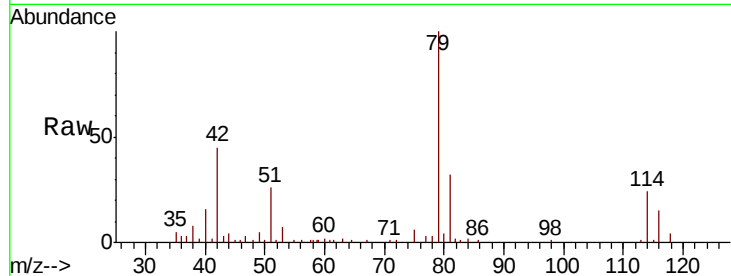




#46
trans-1,3-Dichloropropene
Concen: 0.086 ug/L
RT: 7.65 min Scan# 2040
Delta R.T. -0.02 min
Lab File: VV017039.D
Acq: 23 Jun 2020 00:09

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 1225
Ion Ratio Lower Upper
75 100
77 45.1 22.3 41.3#



#50
2-Hexanone
Concen: 1.243 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV017039.D
Acq: 23 Jun 2020 00:09

Tgt Ion: 43 Resp: 5652
Ion Ratio Lower Upper
43 100
58 61.4 41.6 62.4
57 14.1 15.4 23.0#
100 15.5 10.1 15.1#

