

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017033.D
 Acq On : 22 Jun 2020 21:45
 Operator : SY/MD
 Sample : L3067-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 23 04:58:52 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	182852	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	175780	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	87213	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45838	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.58	69	38419	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.12	63	75963	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	3.92	46	139017	49.70	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.40%
24) Chloroform-d	4.38	84	114081	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.06	65	62517	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.07	84	223197	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.09	67	65767	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.34	98	203537	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
45) trans-1,3-Dichloropropene-	7.64	79	25177	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
48) 2-Hexanone-d5	8.11	63	91921	42.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.86%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	44990	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	81660	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

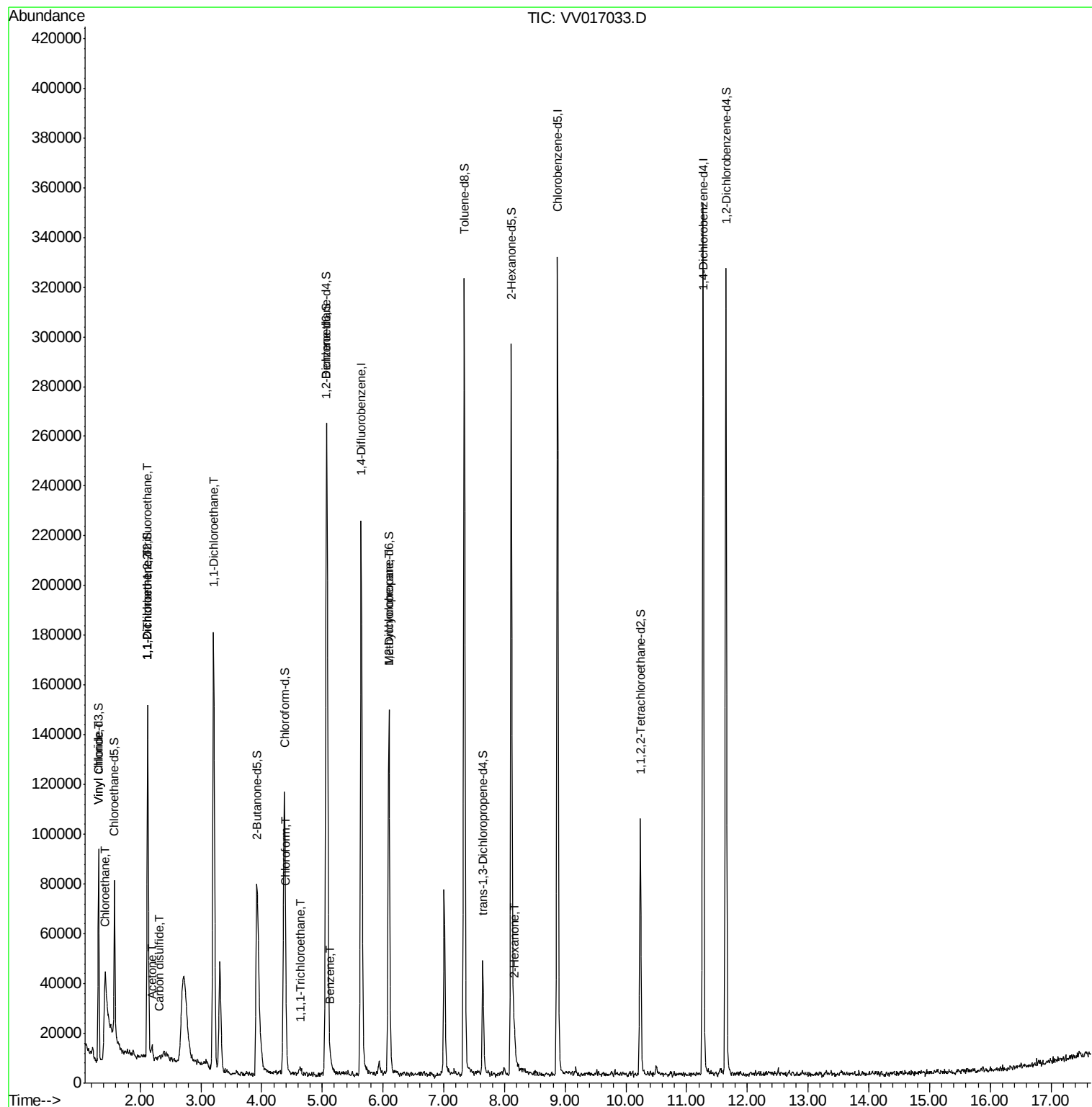
					Ovalue
5) Vinyl chloride	1.32	62	3156	0.263	ug/L # 59
8) Chloroethane	1.43	64	82058	12.375	ug/L # 50
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	784	0.081	ug/L # 20
12) 1,1-Dichloroethene	2.14	96	4949	0.564	ug/L # 1
13) Acetone	2.20	43	2472	1.748	ug/L # 83
14) Carbon disulfide	2.31	76	1202	0.046	ug/L # 29
19) 1,1-Dichloroethane	3.21	63	177217	8.481	ug/L 100
25) Chloroform	4.41	83	3217	0.141	ug/L 93
29) 1,1,1-Trichloroethane	4.63	97	2055	0.098	ug/L # 83
33) Benzene	5.14	78	5872	0.128	ug/L 100
35) Methylcyclohexane	6.10	83	16458	0.785	ug/L # 18
50) 2-Hexanone	8.17	43	8047	1.719	ug/L # 90

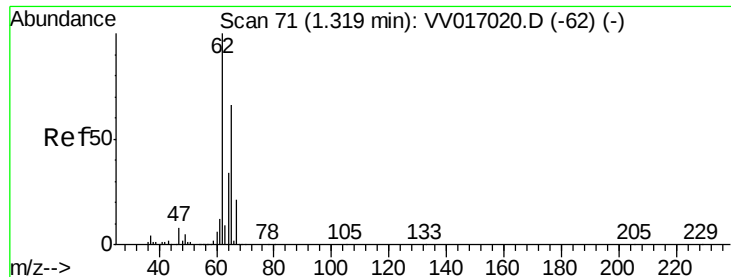
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.263 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017033.D

Acq: 22 Jun 2020 21:45

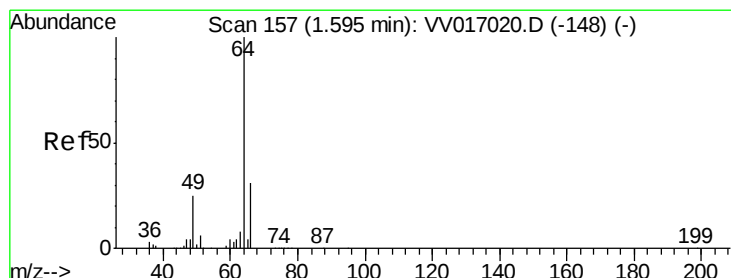
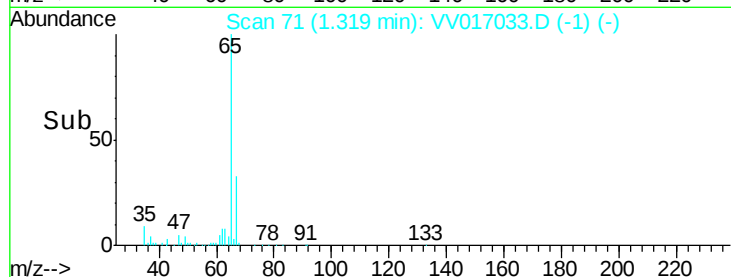
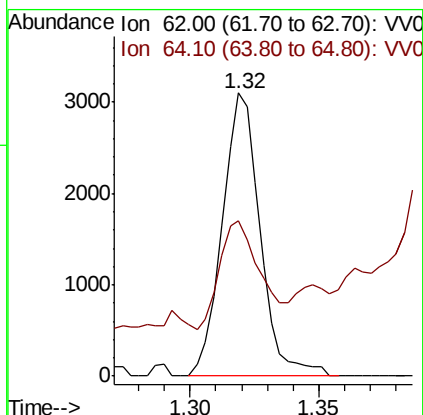
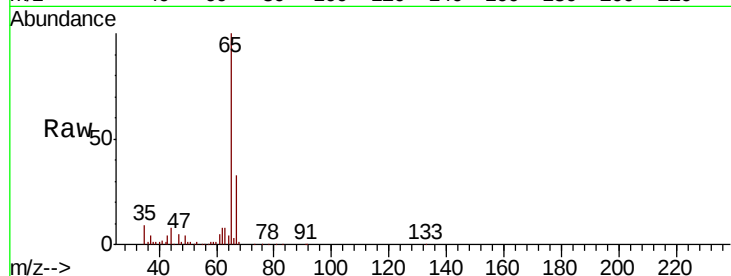
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 3156

Ion Ratio Lower Upper

62 100

64 54.9 22.5 41.7#



#8

Chloroethane

Concen: 12.375 ug/L

RT: 1.43 min Scan# 105

Delta R.T. -0.17 min

Lab File: VV017033.D

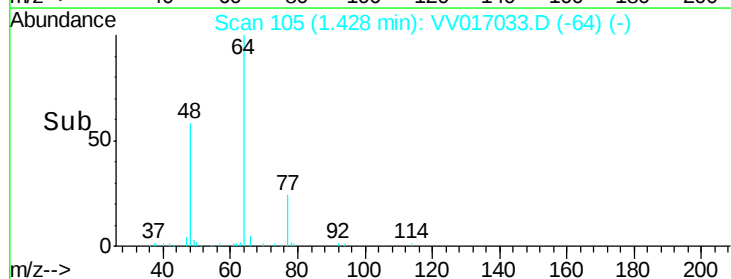
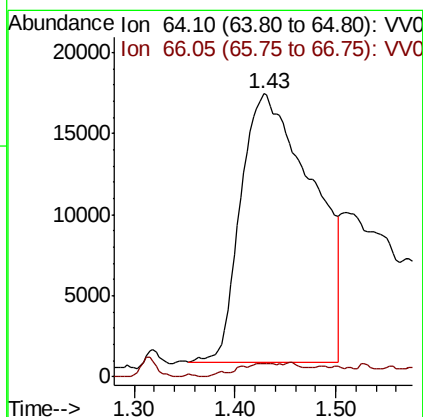
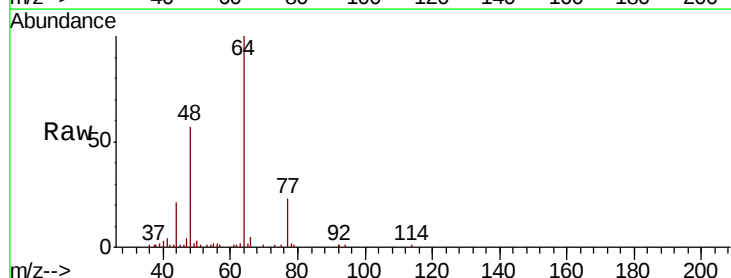
Acq: 22 Jun 2020 21:45

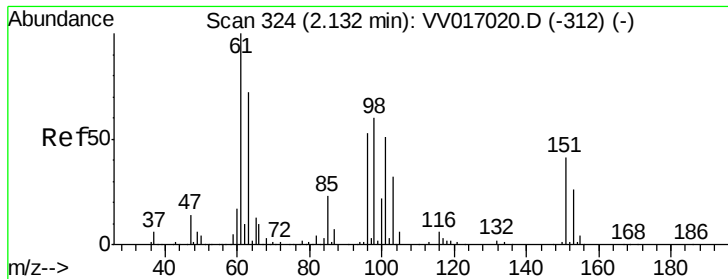
Tgt Ion: 64 Resp: 82058

Ion Ratio Lower Upper

64 100

66 4.7 22.8 42.4#





#10

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

Concen: 0.081 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017033.D

Acq: 22 Jun 2020 21:45

Instrument :

MSVOA_V

ClientSampled :

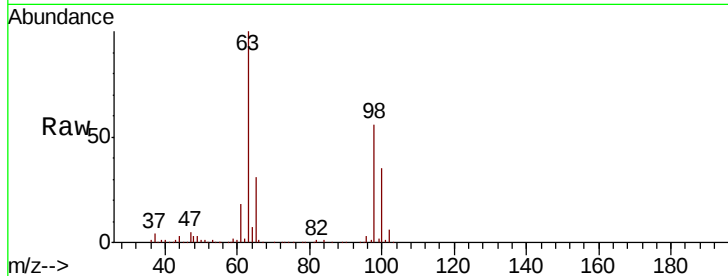
Tot Ion:101 Resp: 784

Ion Ratio Lower Upper

101 100

85 5.5 35.4 53.2#

151 0.0 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

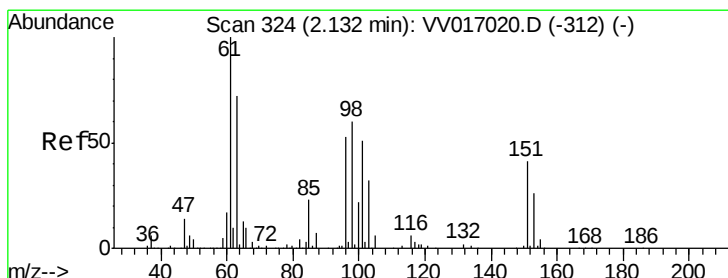
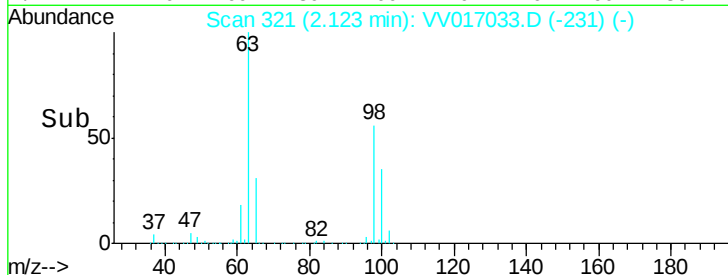
2.12

400

200

0

Time-->



#12

1,1-Dichloroethene

Concen: 0.564 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV017033.D

Acq: 22 Jun 2020 21:45

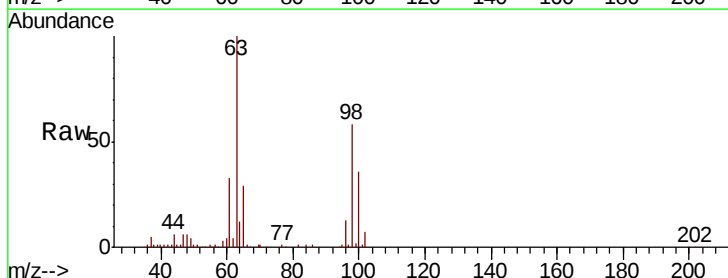
Tgt Ion: 96 Resp: 4949

Ion Ratio Lower Upper

96 100

61 261.3 125.0 232.2#

63 784.6 109.8 203.8#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

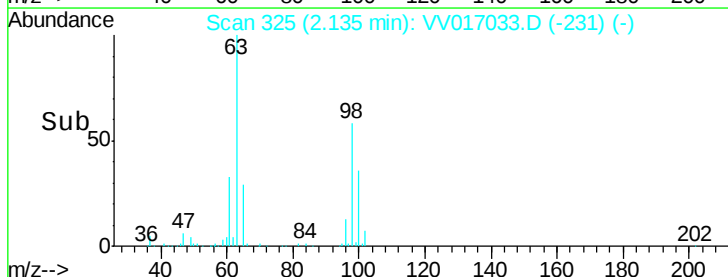
60000

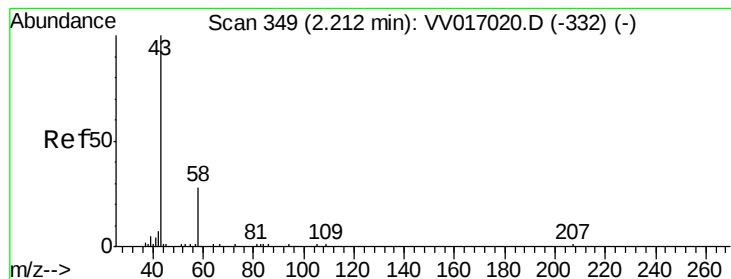
40000

20000

0

Time-->





#13

Acetone

Concen: 1.748 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.01 min

Lab File: VV017033.D

Acq: 22 Jun 2020 21:45

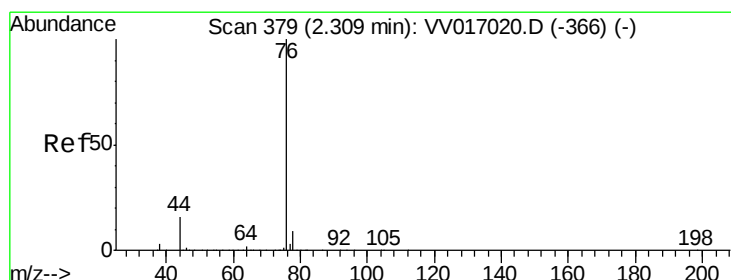
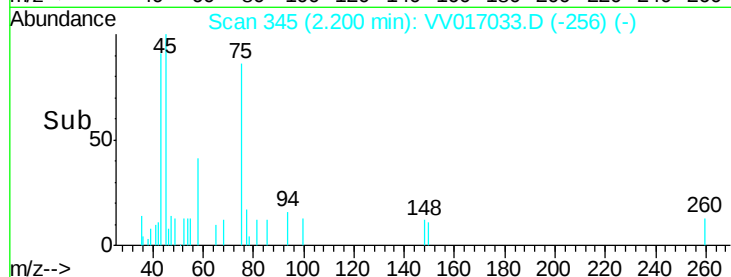
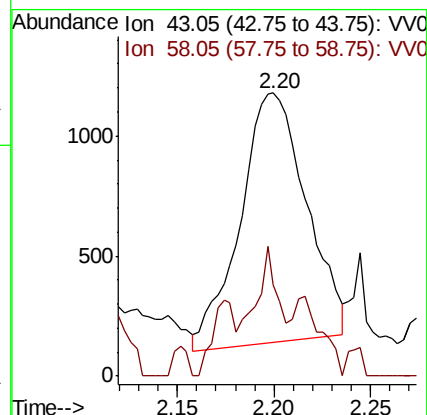
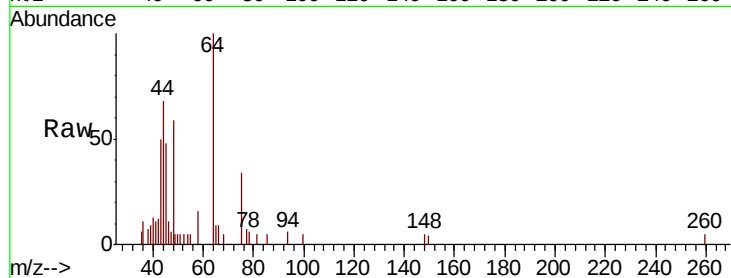
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 2472

Ion Ratio Lower Upper

43 100

58 20.2 0.0 58.4



#14

Carbon disulfide

Concen: 0.046 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV017033.D

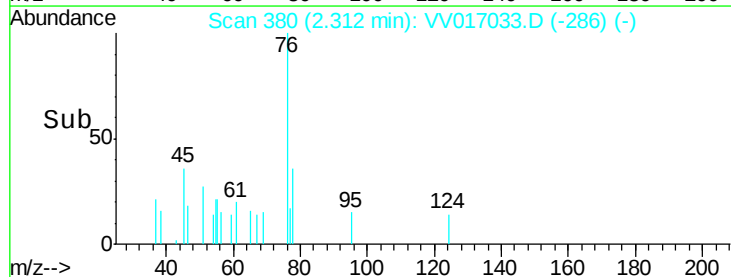
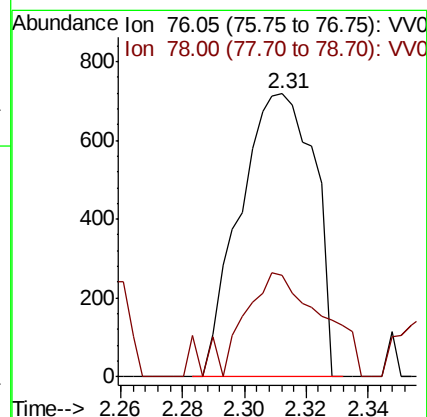
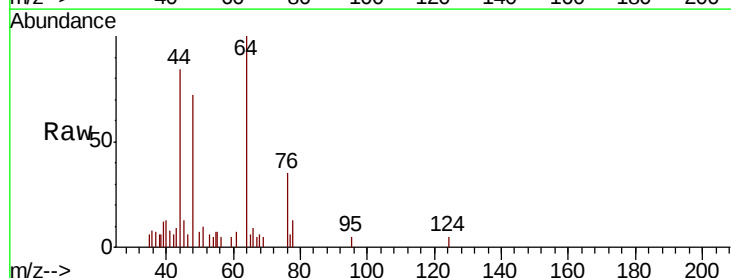
Acq: 22 Jun 2020 21:45

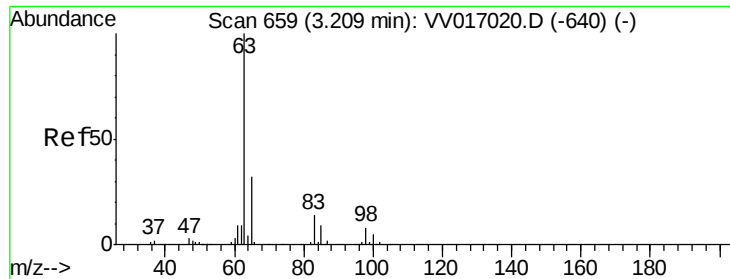
Tgt Ion: 76 Resp: 1202

Ion Ratio Lower Upper

76 100

78 35.7 7.7 11.5#

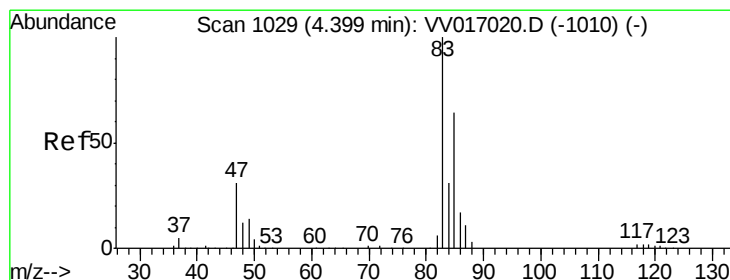
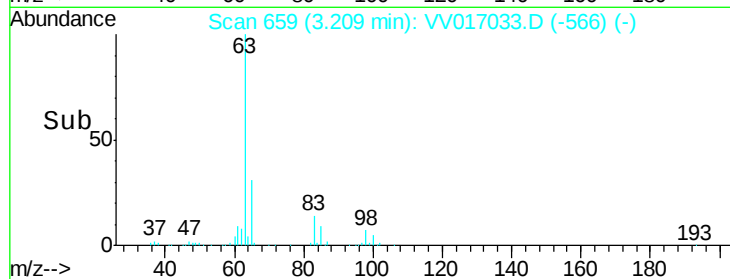
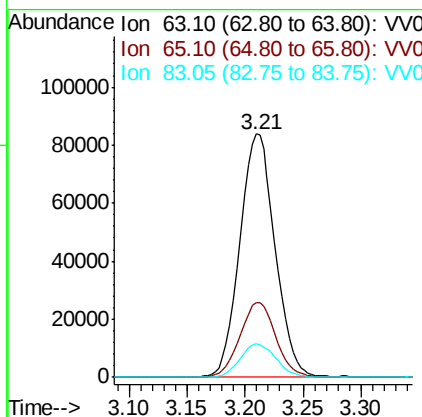
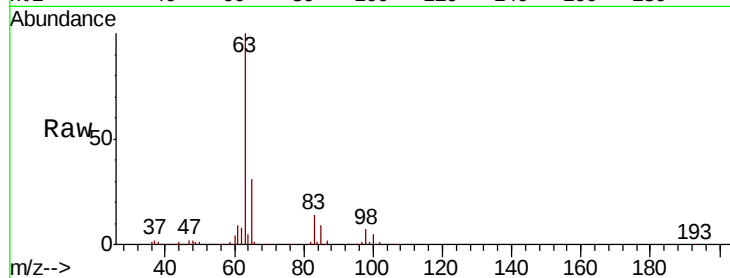




#19
 1,1-Dichloroethane
 Concen: 8.481 ug/L
 RT: 3.21 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VV017033.D
 Acq: 22 Jun 2020 21:45

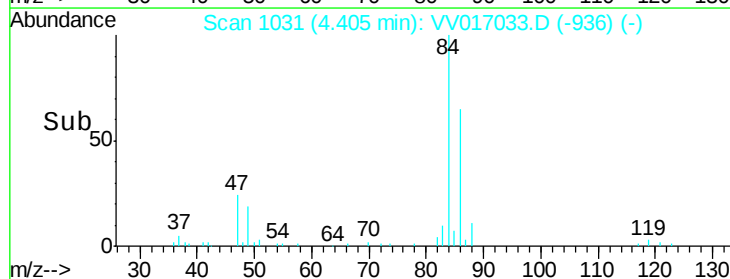
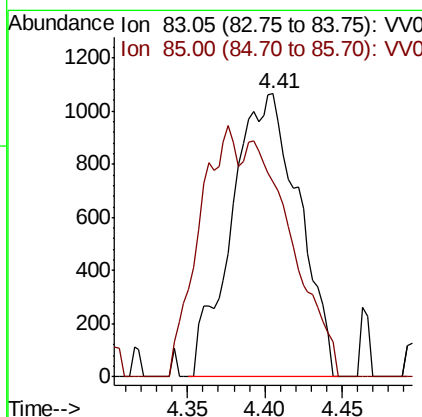
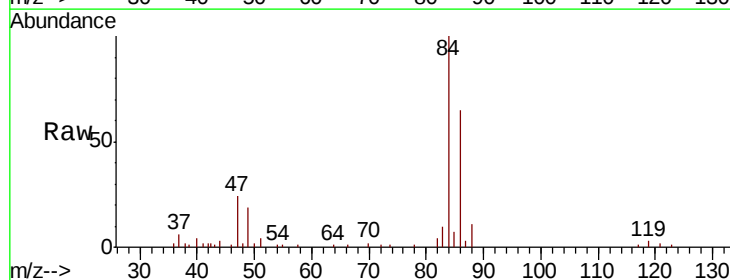
Instrument :
 MSVOA_V
 ClientSampled :

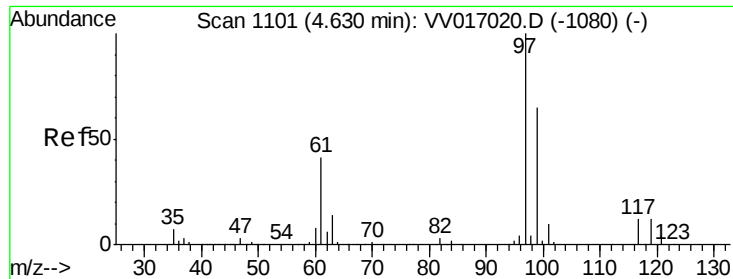
Tot Ion: 63 Resp: 177217
 Ion Ratio Lower Upper
 63 100
 65 30.9 21.8 40.4
 83 13.9 9.7 17.9



#25
 Chloroform
 Concen: 0.141 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VV017033.D
 Acq: 22 Jun 2020 21:45

Tgt Ion: 83 Resp: 3217
 Ion Ratio Lower Upper
 83 100
 85 68.8 44.2 82.2

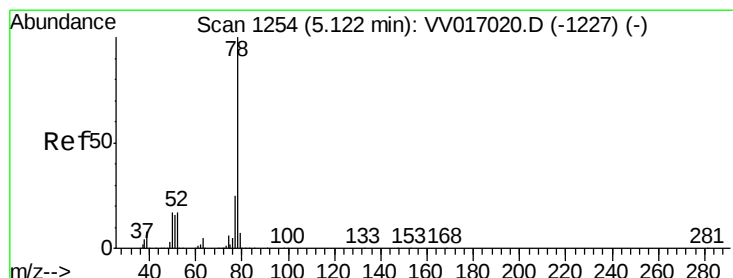
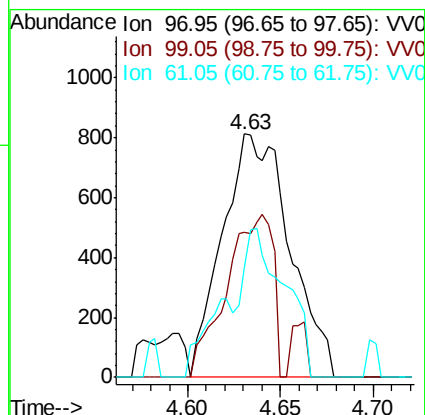
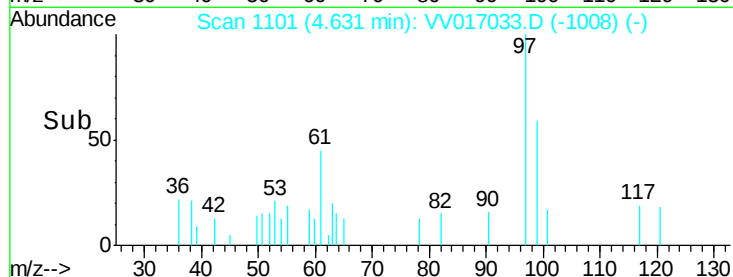
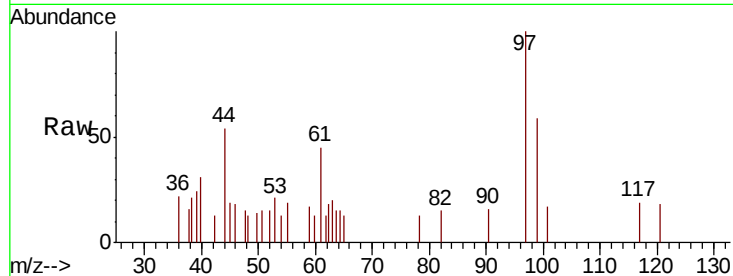




#29
 1,1,1-Trichloroethane
 Concen: 0.098 ug/L
 RT: 4.63 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: VV017033.D
 Acq: 22 Jun 2020 21:45

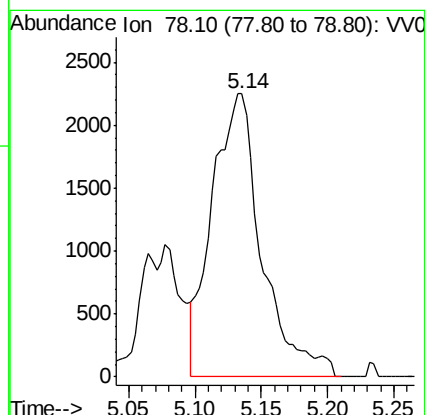
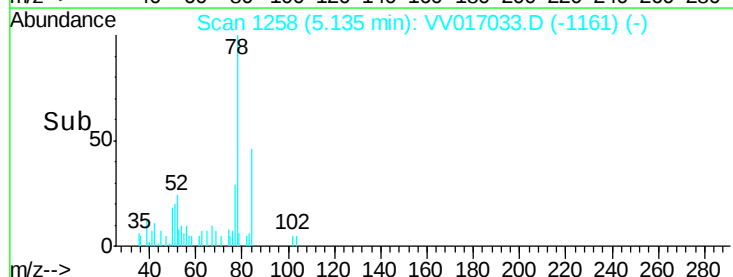
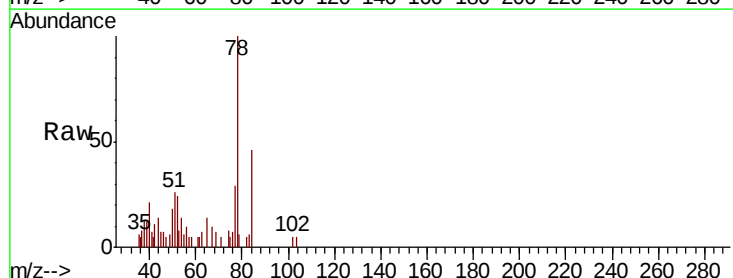
Instrument :
 MSVOA_V
 ClientSampled :

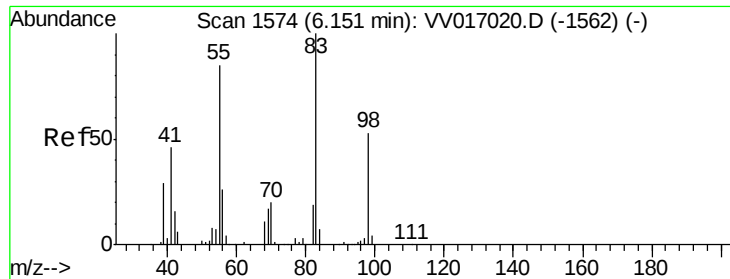
Tot Ion: 97 Resp: 2055
 Ion Ratio Lower Upper
 97 100
 99 46.2 50.3 75.5#
 61 38.3 36.0 54.0



#33
 Benzene
 Concen: 0.128 ug/L
 RT: 5.14 min Scan# 1258
 Delta R.T. 0.01 min
 Lab File: VV017033.D
 Acq: 22 Jun 2020 21:45

Tgt Ion: 78 Resp: 5872

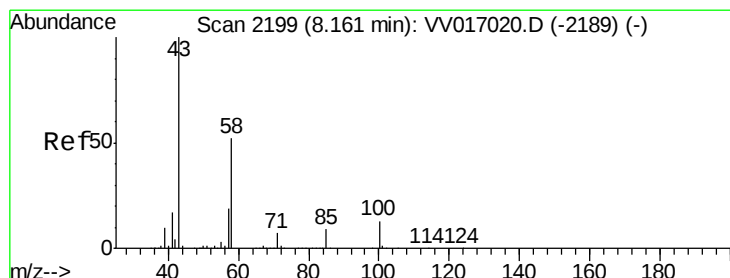
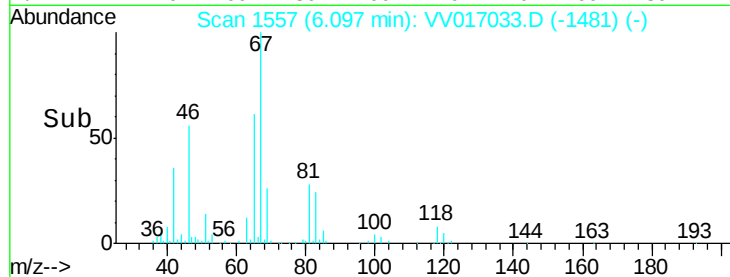
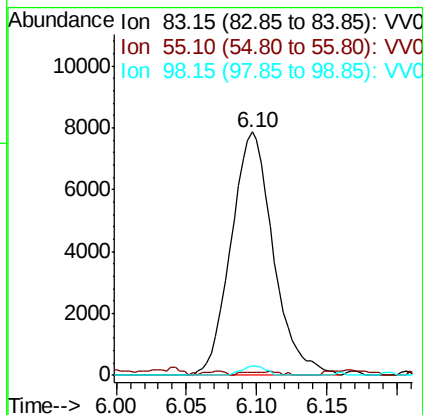
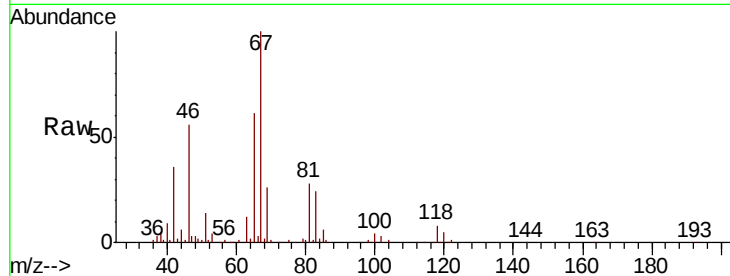




#35
Methvlcvclohexane
Concen: 0.785 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017033.D
Acq: 22 Jun 2020 21:45

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 16458
Ion Ratio Lower Upper
83 100
55 0.4 63.6 95.4#
98 2.2 38.8 58.2#



#50
2-Hexanone
Concen: 1.719 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV017033.D
Acq: 22 Jun 2020 21:45

Tgt Ion: 43 Resp: 8047
Ion Ratio Lower Upper
43 100
58 57.1 41.6 62.4
57 14.7 15.4 23.0#
100 3.2 10.1 15.1#

