

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070720\
 Data File : VV017383.D
 Acq On : 07 Jul 2020 17:25
 Operator : SY/MD
 Sample : L3154-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 08 01:36:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 08 01:30:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	165209	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	158718	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	77393	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39315	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.58	69	33114	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.12	63	65656	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	3.94	46	102253	40.46	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.92%
24) Chloroform-d	4.38	84	96034	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.06	65	53766	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.08	84	170866	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
36) 1,2-Dichloropropane-d6	6.10	67	47267	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.60%
41) Toluene-d8	7.34	98	154863	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
45) trans-1,3-Dichloropropene-	7.64	79	20127	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
48) 2-Hexanone-d5	8.11	63	68049	34.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.58%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35208	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	64896	4.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.80%

Target Compounds

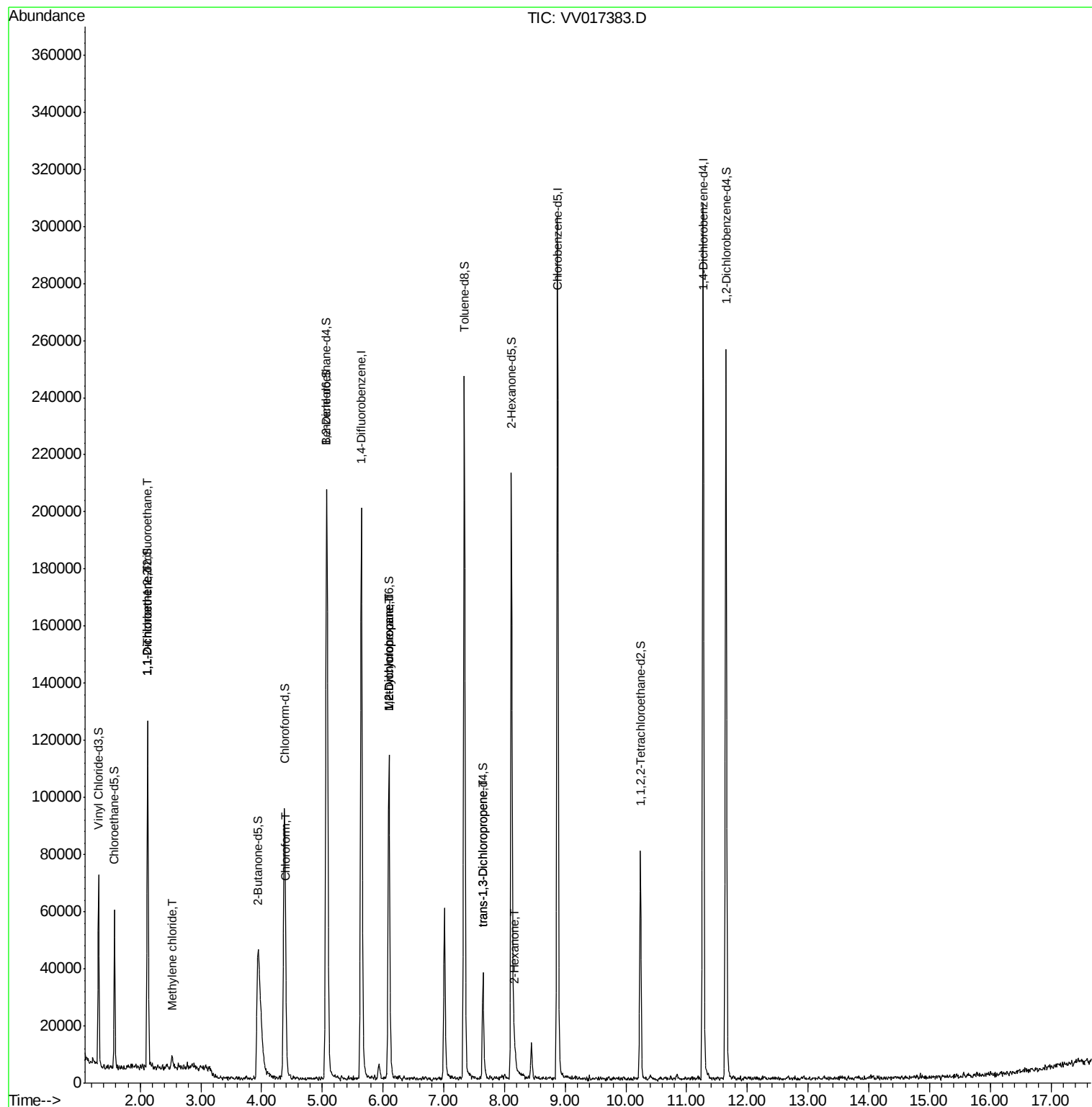
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	627	0.072 ug/L #	29
12) 1,1-Dichloroethene	2.13	96	648	0.082 ug/L #	1
16) Methylene chloride	2.52	84	1994	0.235 ug/L	94
25) Chloroform	4.41	83	3643	0.177 ug/L	89
35) Methylcyclohexane	6.09	83	14275	0.754 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	6676	0.649 ug/L #	86
46) trans-1,3-Dichloropropene	7.64	75	1231	0.093 ug/L	96
50) 2-Hexanone	8.17	43	5386	1.274 ug/L #	66

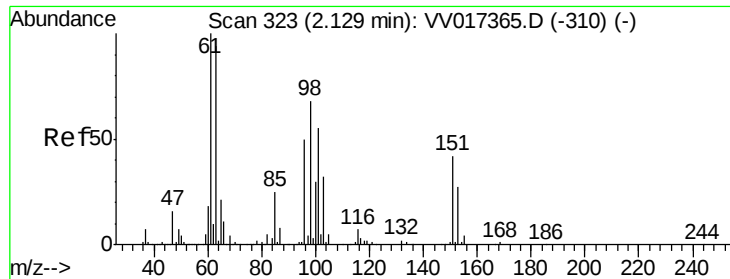
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.072 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017383.D

Acq: 07 Jul 2020 17:25

Instrument :

MSVOA_V

ClientSampleId :

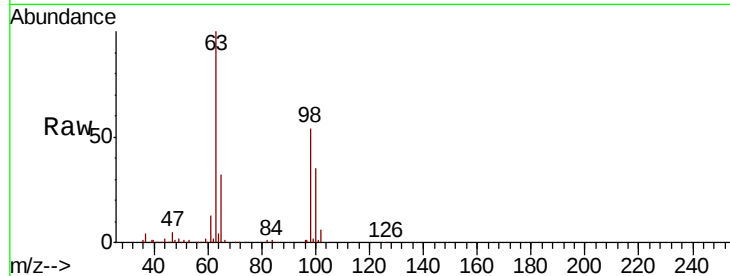
Tot Ion:101 Resp: 627

Ion Ratio Lower Upper

101 100

85 11.6 35.4 53.2#

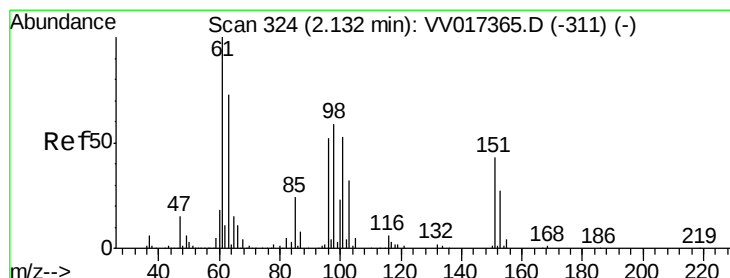
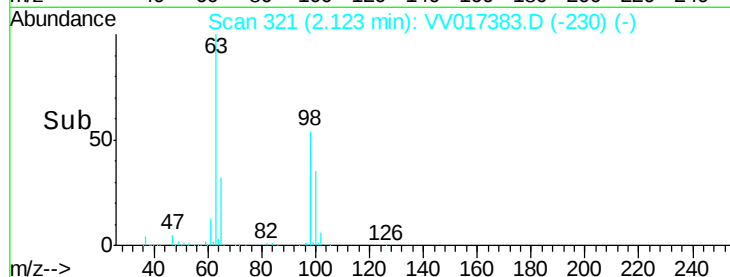
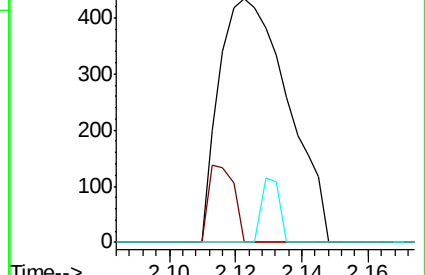
151 6.9 63.9 95.9#



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



#12

1,1-Dichloroethene

Concen: 0.082 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017383.D

Acq: 07 Jul 2020 17:25

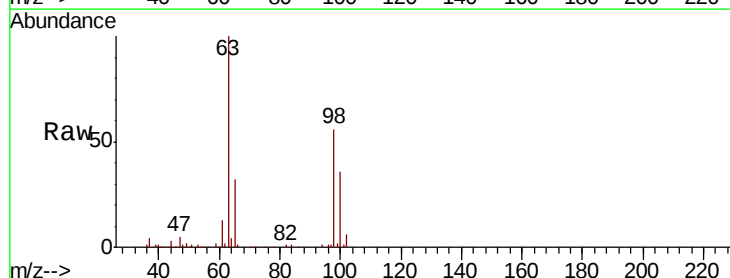
Tgt Ion: 96 Resp: 648

Ion Ratio Lower Upper

96 100

61 1474.2 125.0 232.2#

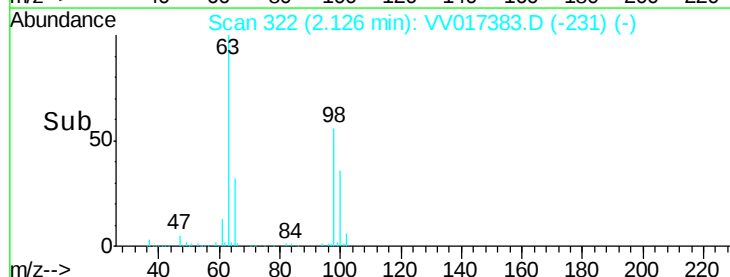
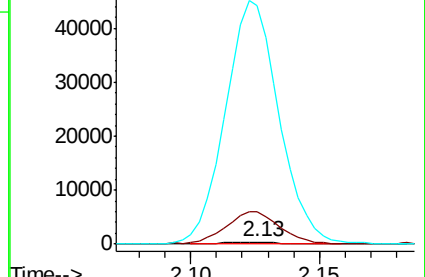
63 10949.9 109.8 203.8#

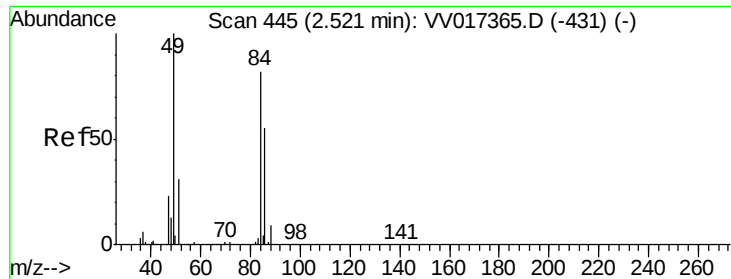


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

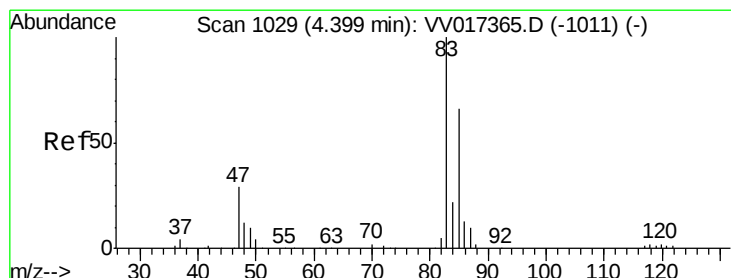
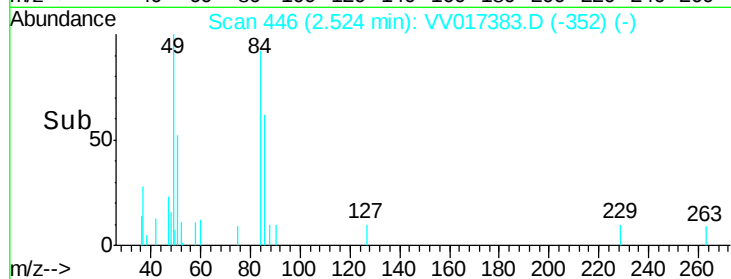
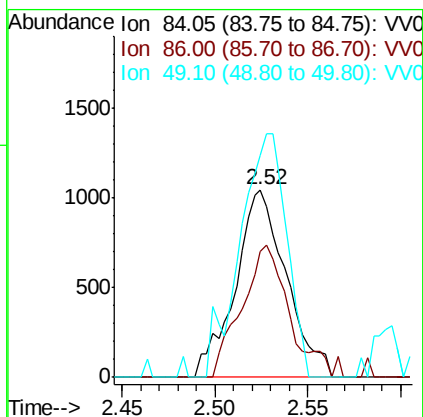
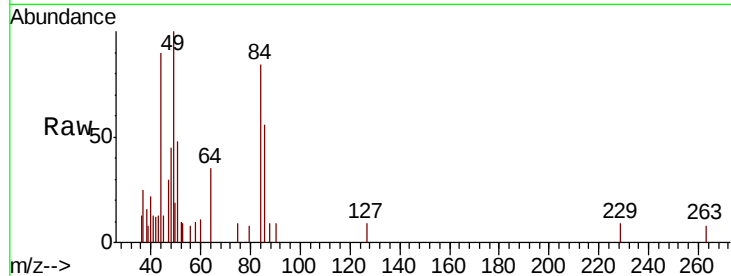




#16
Methvlene chloride
Concen: 0.235 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV017383.D
Acq: 07 Jul 2020 17:25

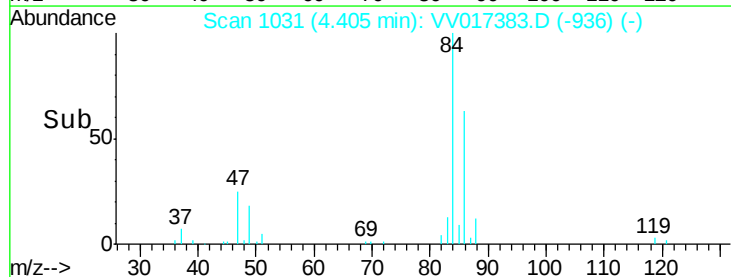
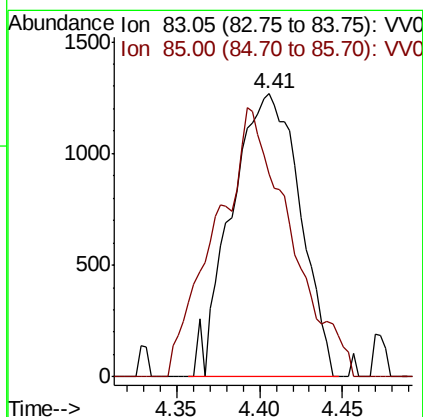
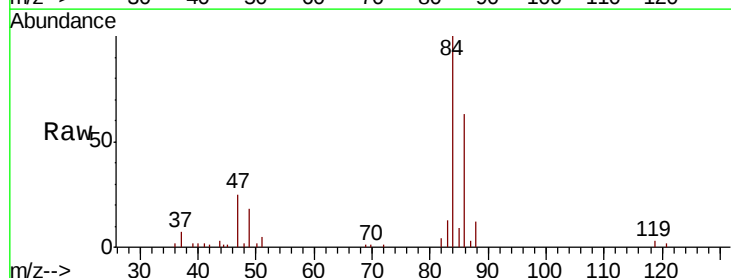
Instrument :
MSVOA_V
ClientSampleId :

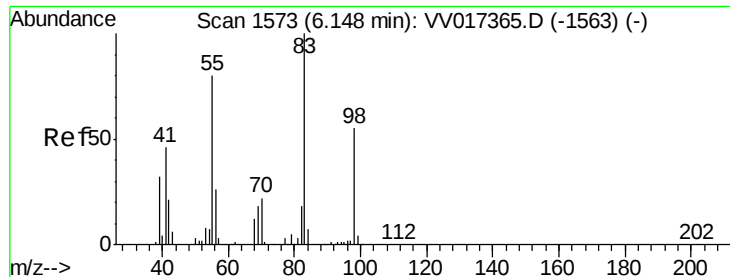
Tot Ion: 84 Resp: 1994
Ion Ratio Lower Upper
84 100
86 66.9 45.8 85.0
49 118.7 89.6 166.4



#25
Chloroform
Concen: 0.177 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV017383.D
Acq: 07 Jul 2020 17:25

Tgt Ion: 83 Resp: 3643
Ion Ratio Lower Upper
83 100
85 71.8 44.2 82.2

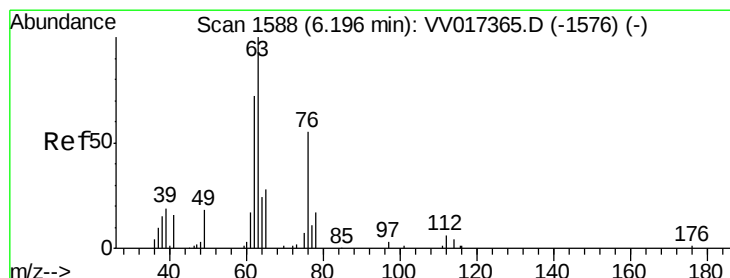
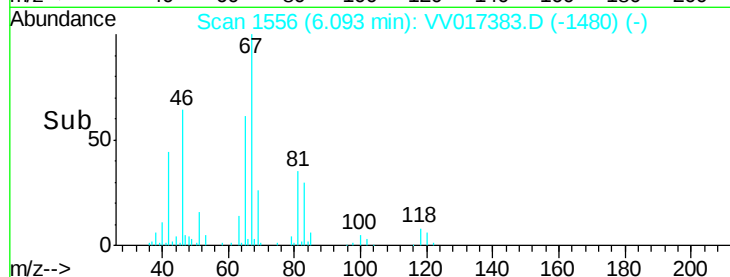
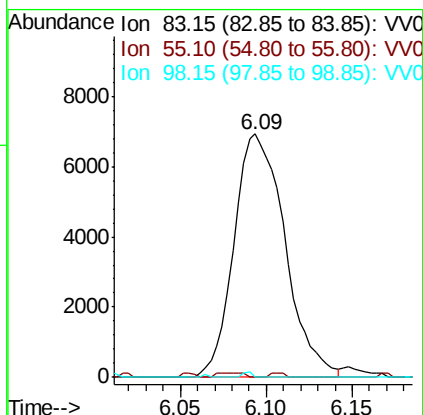
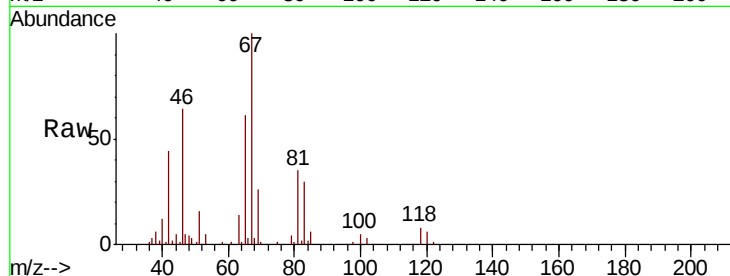




#35
Methvlcvclohexane
Concen: 0.754 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.05 min
Lab File: VV017383.D
Acq: 07 Jul 2020 17:25

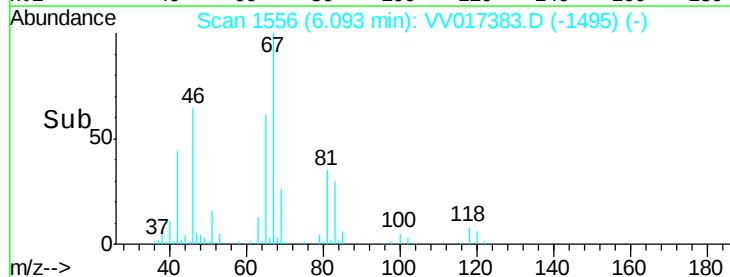
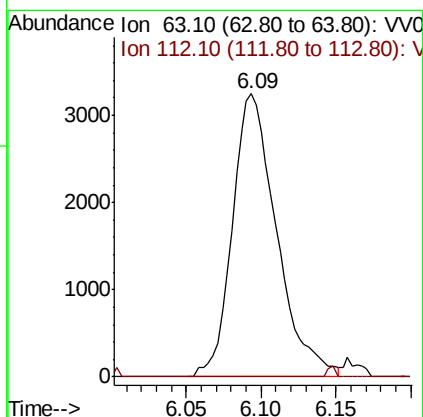
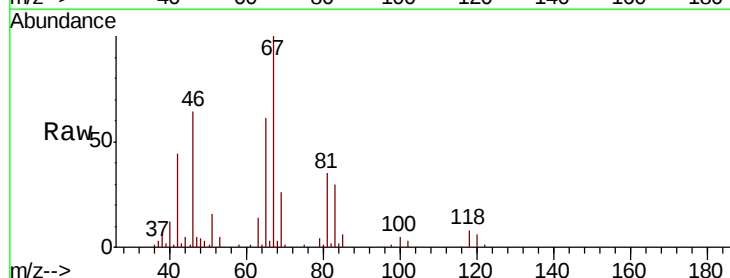
Instrument :
MSVOA_V
ClientSampleId :

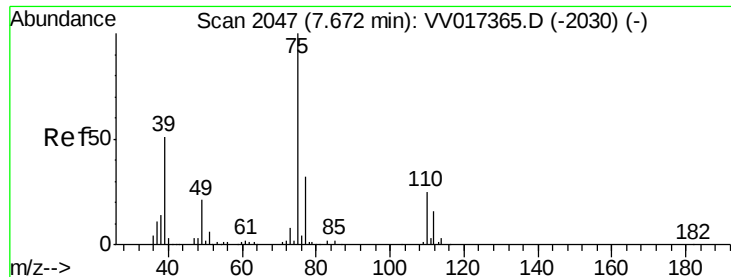
Tot Ion: 83 Resp: 14275
Ion Ratio Lower Upper
83 100
55 1.0 63.6 95.4#
98 0.4 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.649 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV017383.D
Acq: 07 Jul 2020 17:25

Tgt Ion: 63 Resp: 6676
Ion Ratio Lower Upper
63 100
112 0.7 4.4 6.6#





#46

trans-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV017383.D

Acq: 07 Jul 2020 17:25

Instrument :

MSVOA_V

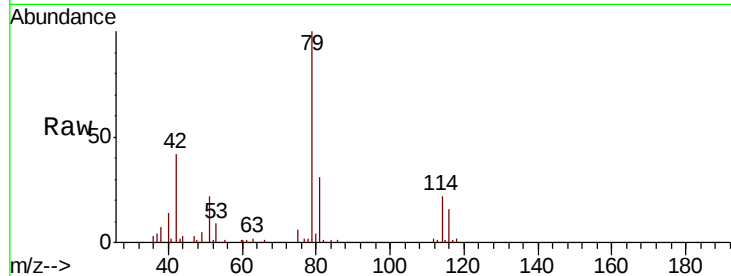
ClientSampleId :

Tot Ion: 75 Resp: 1231

Ion Ratio Lower Upper

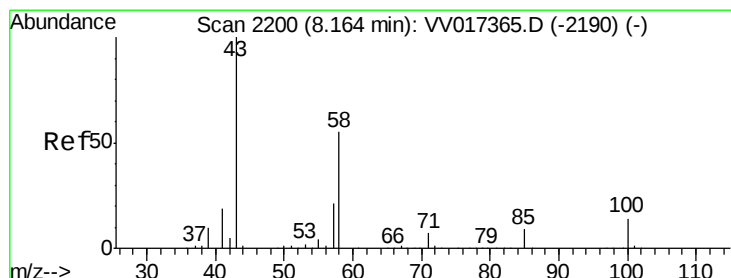
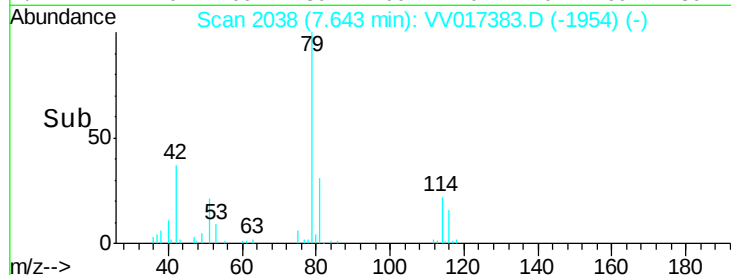
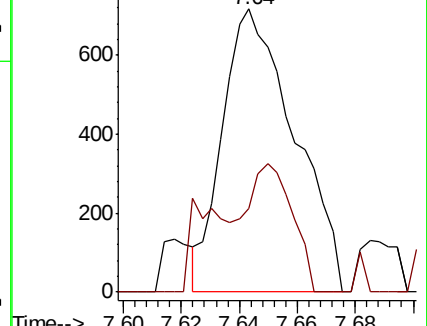
75 100

77 29.6 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#50

2-Hexanone

Concen: 1.274 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.00 min

Lab File: VV017383.D

Acq: 07 Jul 2020 17:25

Tgt Ion: 43 Resp: 5386

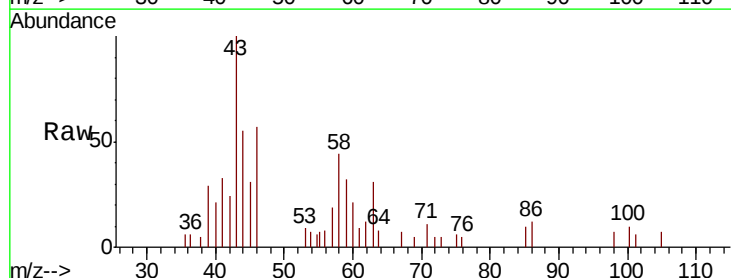
Ion Ratio Lower Upper

43 100

58 27.6 41.6 62.4#

57 0.0 15.4 23.0#

100 4.4 10.1 15.1#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

