

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051920\
 Data File : VV016114.D
 Acq On : 19 May 2020 11:17
 Operator : SY/MD
 Sample : VV0519WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 20 01:22:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 20 01:20:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	152246	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	148465	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	69479	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	39263	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.58	69	40414	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.20%
11) 1,1-Dichloroethene-d2	2.12	63	59713	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	3.96	46	127362	54.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.12%
24) Chloroform-d	4.37	84	93581	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.06	65	54721	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.07	84	178690	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.09	67	57545	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.34	98	154919	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
45) trans-1,3-Dichloropropene-	7.64	79	20114	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
48) 2-Hexanone-d5	8.12	63	98773	53.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.26%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	42092	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	59164	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

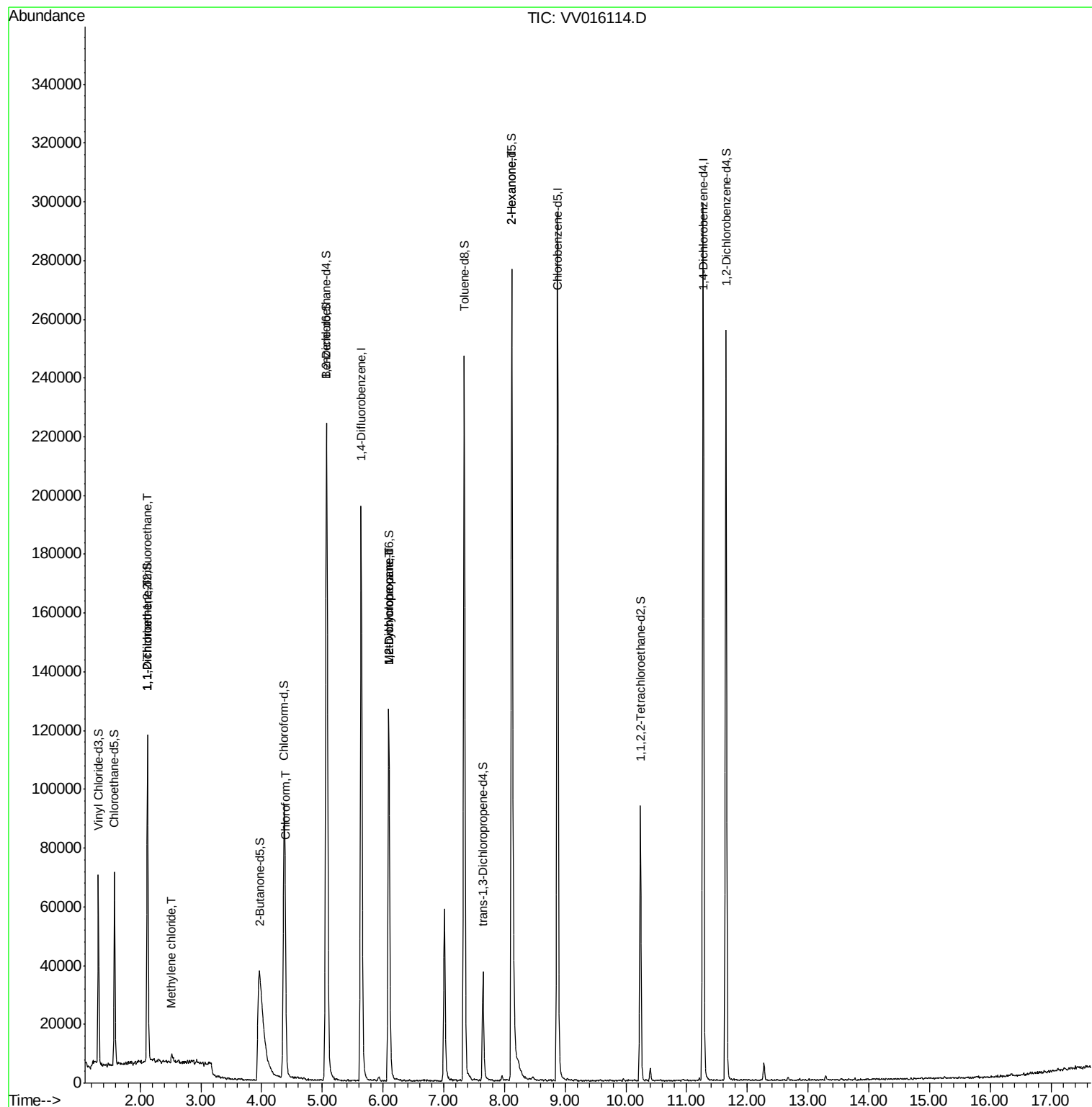
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	668	0.076	ug/L #	22
12) 1,1-Dichloroethene	2.12	96	679	0.081	ug/L #	1
16) Methylene chloride	2.52	84	1146	0.114	ug/L #	85
25) Chloroform	4.40	83	3045	0.155	ug/L	96
35) Methylcyclohexane	6.09	83	14096	0.874	ug/L #	17
37) 1,2-Dichloropropane	6.09	63	7060	0.744	ug/L #	87
50) 2-Hexanone	8.12	43	15951	3.813	ug/L #	76

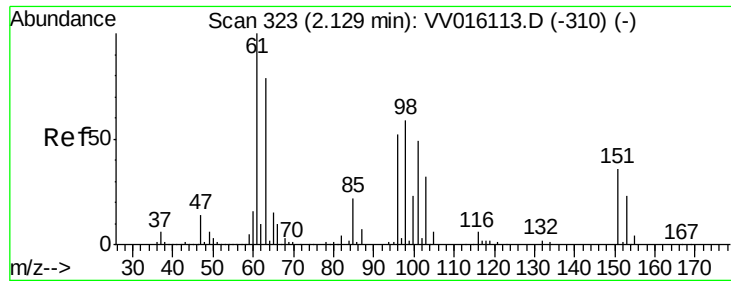
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 20 01:20:41 2020
Response via : Initial Calibration





#10

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

Concen: 0.076 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016114.D

Acq: 19 May 2020 11:17

Instrument :

MSVOA_V

ClientSampleId :

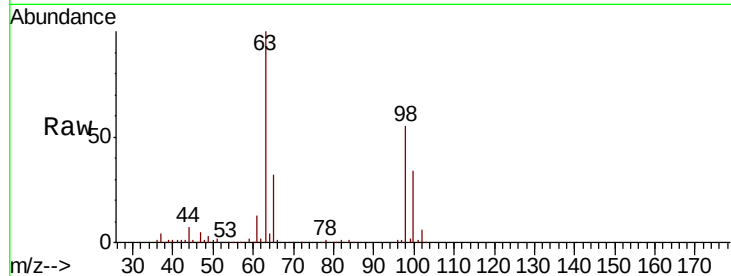
Tot Ion:101 Resp: 668

Ion Ratio Lower Upper

101 100

85 2.8 35.7 53.5#

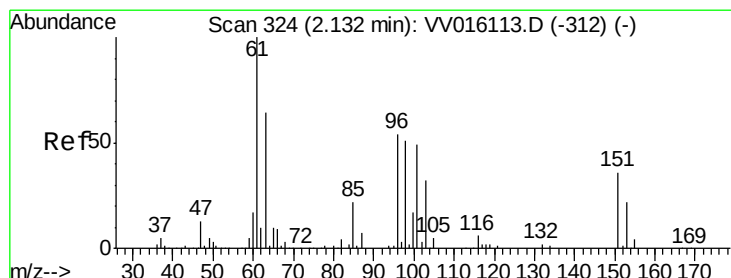
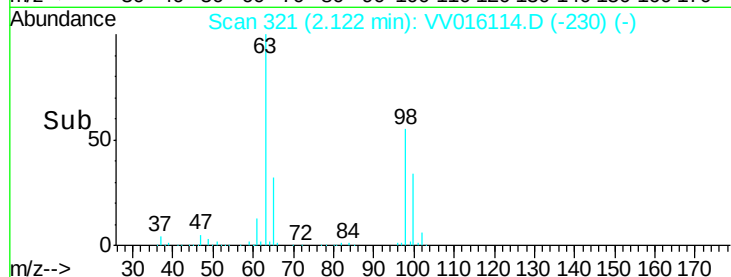
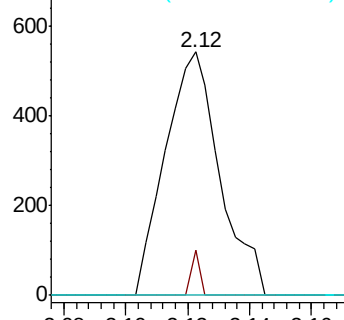
151 0.0 58.0 87.0#



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: 0.081 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016114.D

Acq: 19 May 2020 11:17

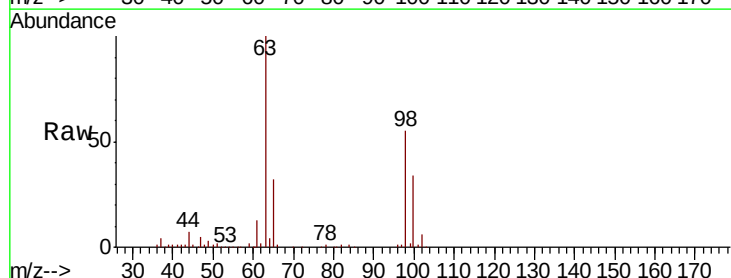
Tgt Ion: 96 Resp: 679

Ion Ratio Lower Upper

96 100

61 1137.1 139.9 259.7#

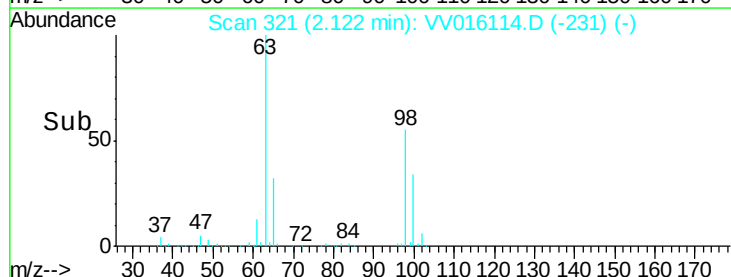
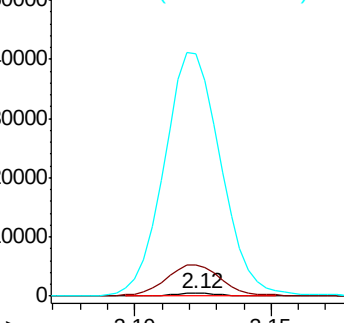
63 8743.7 106.4 197.6#

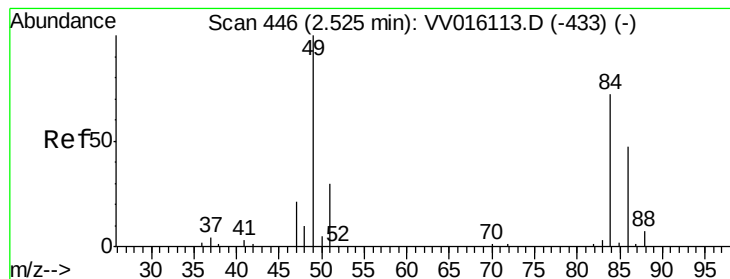


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#16

Methylene chloride

Concen: 0.114 ug/L

RT: 2.52 min Scan# 446

Delta R.T. -0.00 min

Lab File: VV016114.D

Acq: 19 May 2020 11:17

Instrument :

MSVOA_V

ClientSampled :

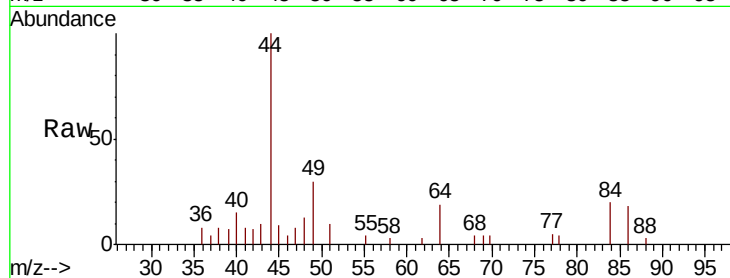
Tot Ion: 84 Resp: 1146

Ion Ratio Lower Upper

84 100

86 86.7 45.6 84.8#

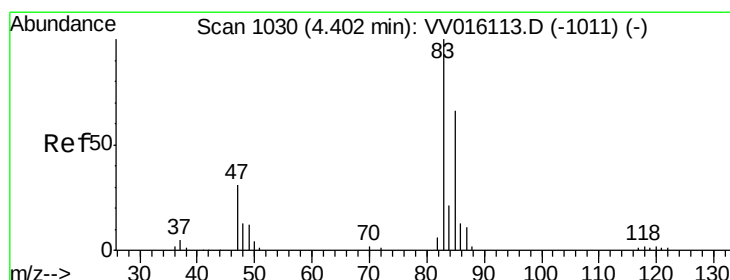
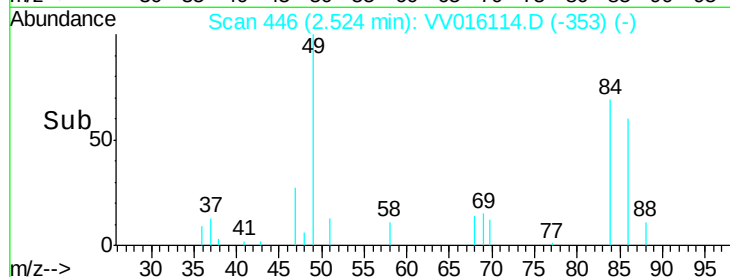
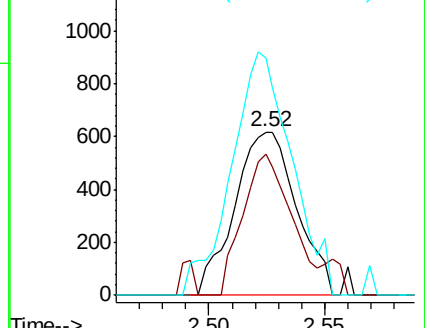
49 145.0 93.6 173.8



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0



#25

Chloroform

Concen: 0.155 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VV016114.D

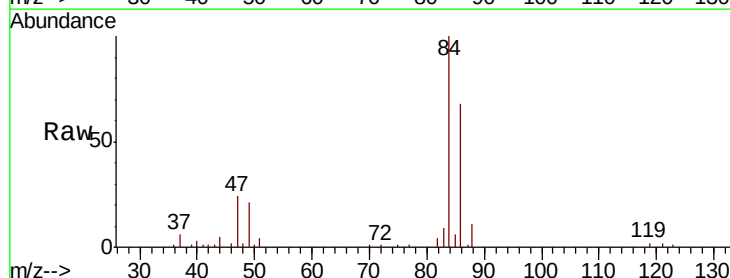
Acq: 19 May 2020 11:17

Tgt Ion: 83 Resp: 3045

Ion Ratio Lower Upper

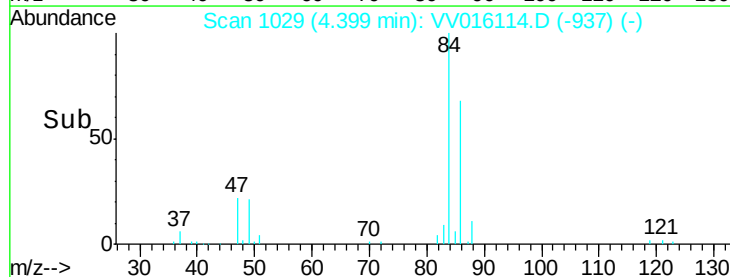
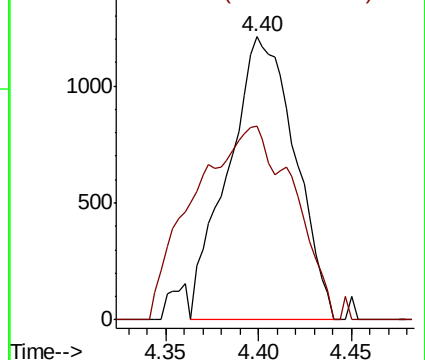
83 100

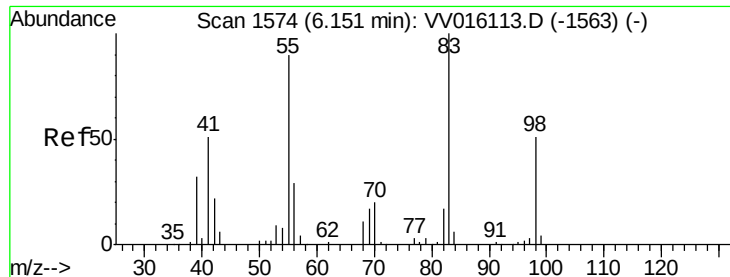
85 68.4 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

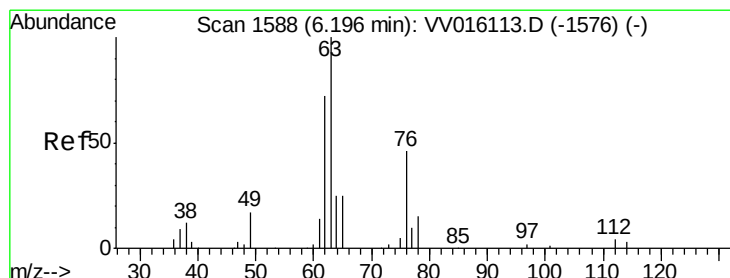
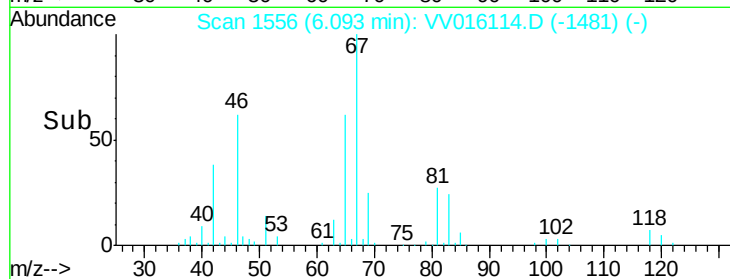
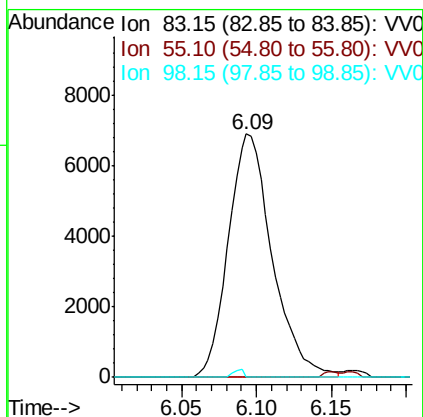
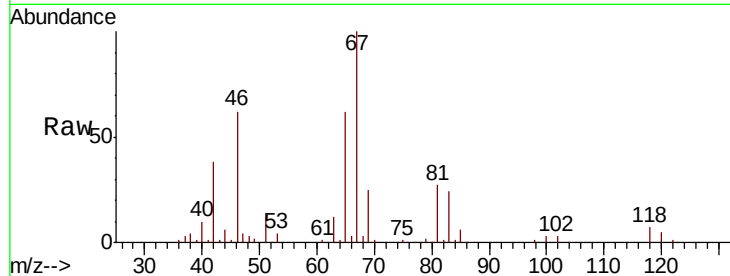




#35
Methvlcvclohexane
Concen: 0.874 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV016114.D
Acq: 19 May 2020 11:17

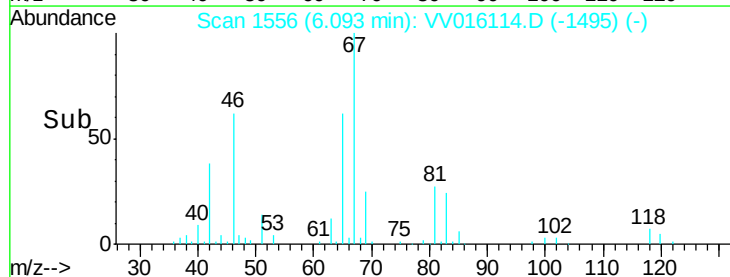
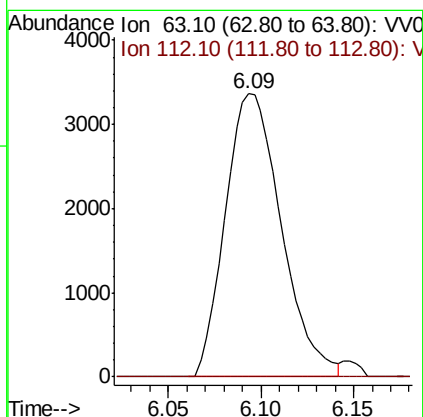
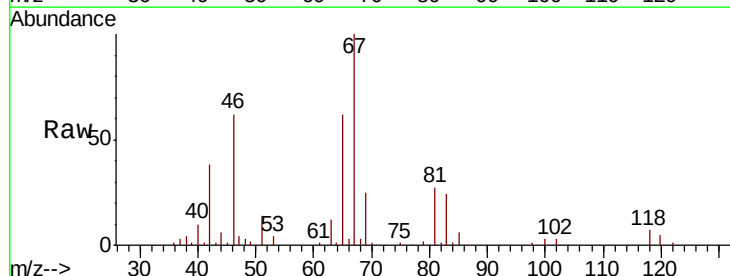
Instrument :
MSVOA_V
ClientSampleId :

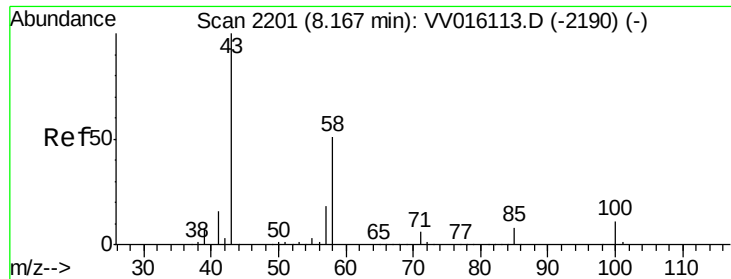
Tot Ion: 83 Resp: 14096
Ion Ratio Lower Upper
83 100
55 0.8 66.2 99.2#
98 0.7 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.744 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV016114.D
Acq: 19 May 2020 11:17

Tgt Ion: 63 Resp: 7060
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#50

2-Hexanone

Concen: 3.813 ug/L

RT: 8.12 min Scan# 2186

Delta R.T. -0.05 min

Lab File: VV016114.D

Acq: 19 May 2020 11:17

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 15951

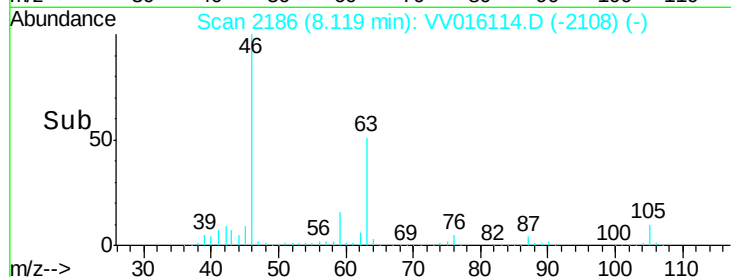
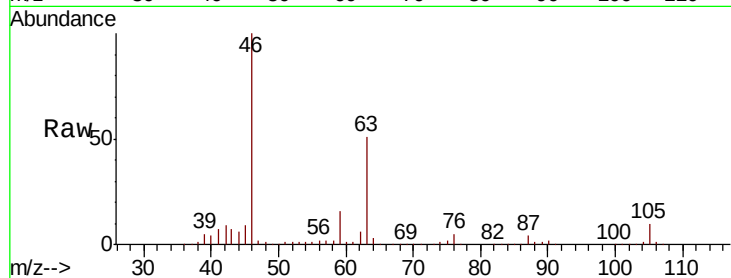
Ion Ratio Lower Upper

43 100

58 34.1 40.8 61.2#

57 27.5 14.7 22.1#

100 0.3 9.0 13.6#



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

