

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101719\
 Data File : VV013183.D
 Acq On : 17 Oct 2019 22:01
 Operator : SY/MD
 Sample : K5321-17
 Misc : 25.00ML/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 18 03:41:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 18 03:32:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	443245	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	474420	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	209318	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	239051	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.58	69	182672	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.20%
11) 1,1-Dichloroethene-d2	2.13	63	266228	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	3.97	46	482766	52.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.62%
24) Chloroform-d	4.40	84	413181	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.08	65	205660	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.10	84	832025	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.12	67	260289	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.36	98	668835	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.66	79	81803	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.14	63	357287	47.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.30%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	189624	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	251164	5.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.80%

Target Compounds

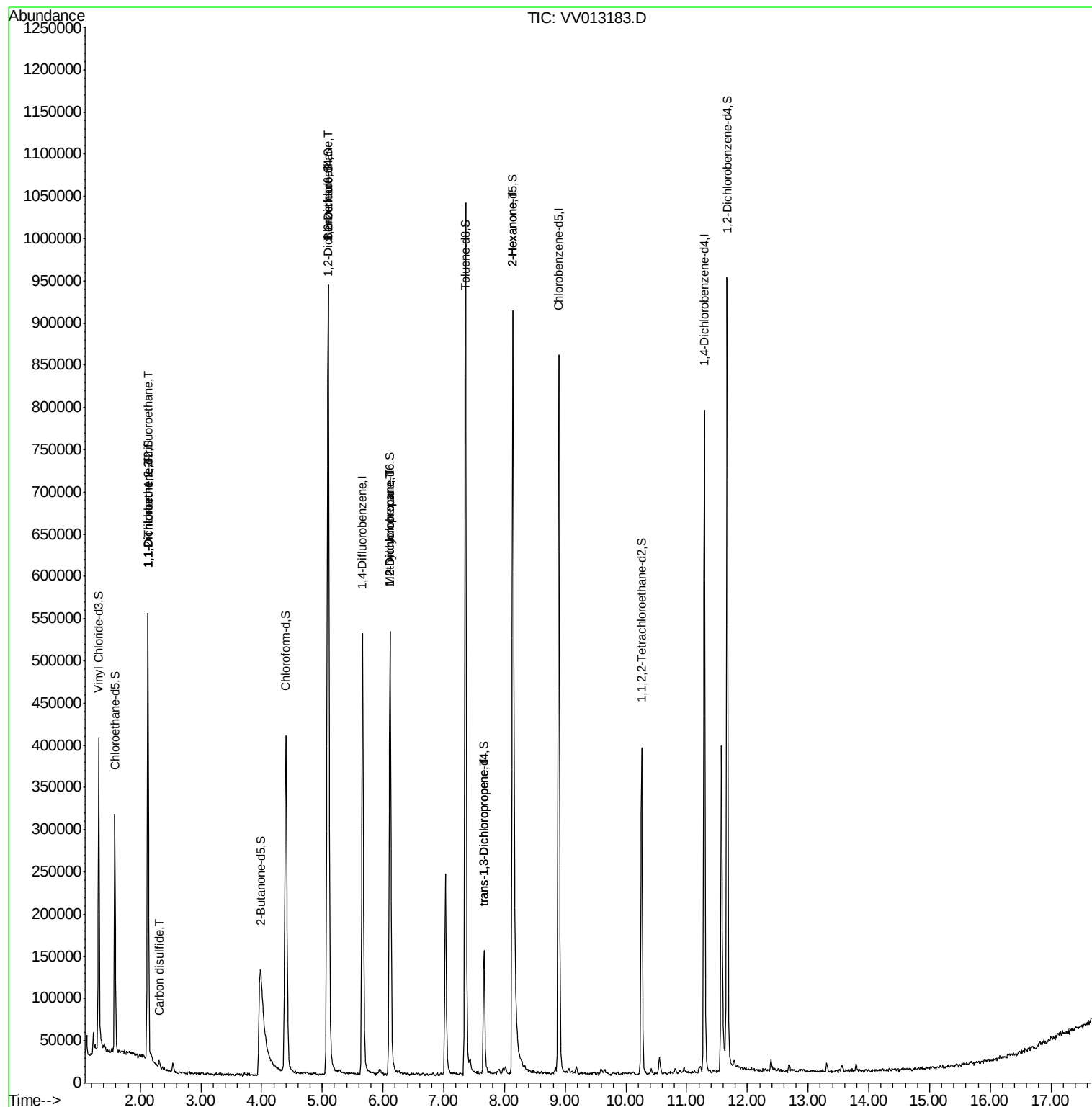
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3444	0.090 ug/L #	25
12) 1,1-Dichloroethene	2.13	96	2895	0.080 ug/L #	1
14) Carbon disulfide	2.32	76	8466	0.065 ug/L #	93
27) 1,2-Dichloroethane	5.10	62	4971	0.102 ug/L	99
35) Methylcyclohexane	6.12	83	58302	0.752 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	27636	0.601 ug/L #	86
44) trans-1,3-Dichloropropene	7.66	75	3580	0.075 ug/L #	67
48) 2-Hexanone	8.14	43	44383	2.401 ug/L #	85

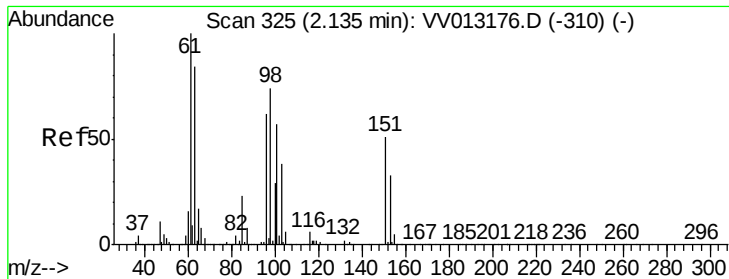
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.090 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013183.D

Acq: 17 Oct 2019 22:01

Instrument :

MSVOA_V

ClientSampleId :

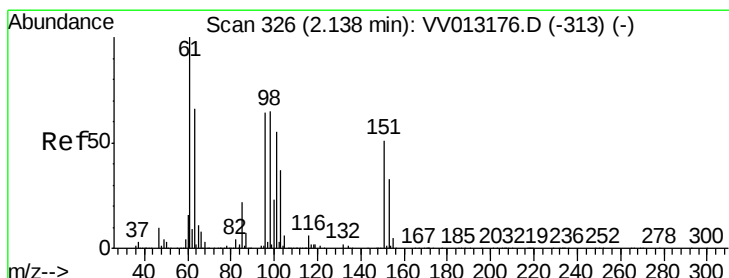
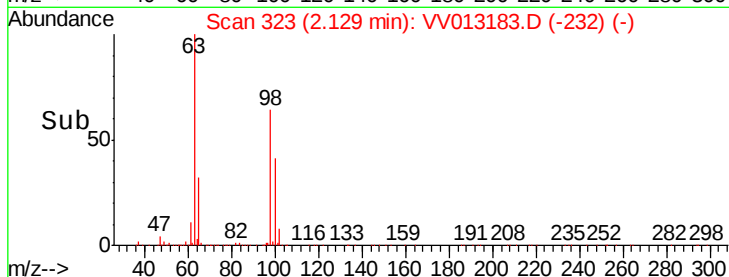
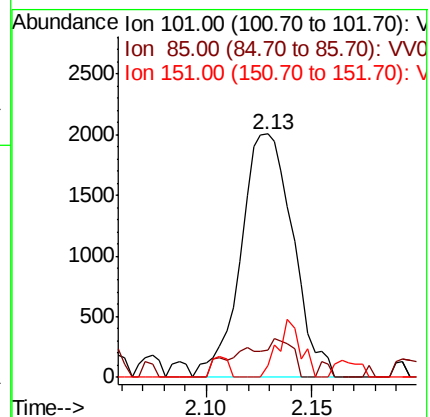
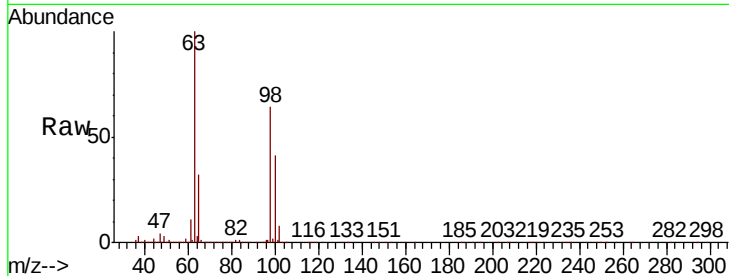
Tot Ion:101 Resp: 3444

Ion Ratio Lower Upper

101 100

85 7.6 32.4 48.6#

151 10.3 71.9 107.9#



#12

1,1-Dichloroethene

Concen: 0.080 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013183.D

Acq: 17 Oct 2019 22:01

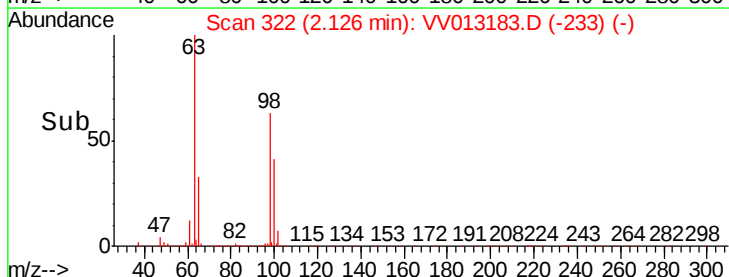
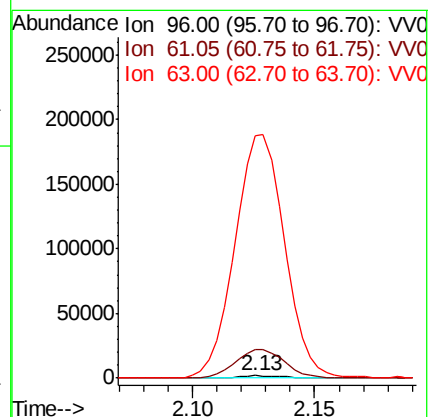
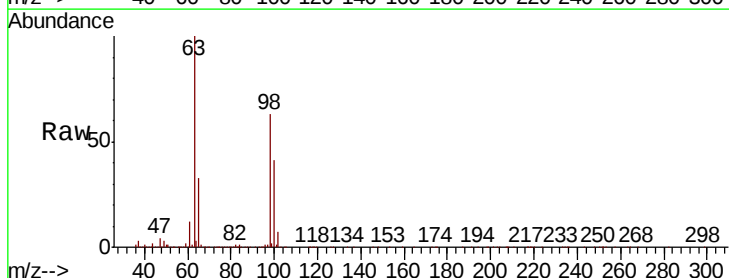
Tgt Ion: 96 Resp: 2895

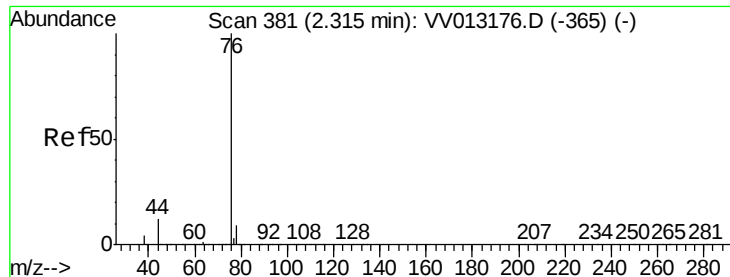
Ion Ratio Lower Upper

96 100

61 1173.0 109.8 204.0#

63 10036.1 72.6 134.8#





#14

Carbon disulfide

Concen: 0.065 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV013183.D

Acq: 17 Oct 2019 22:01

Instrument :

MSVOA_V

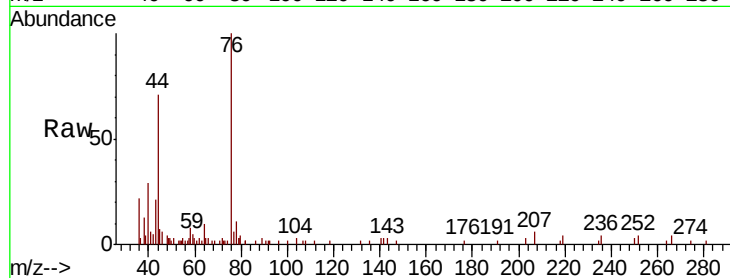
ClientSampleId :

Tot Ion: 76 Resp: 8466

Ion Ratio Lower Upper

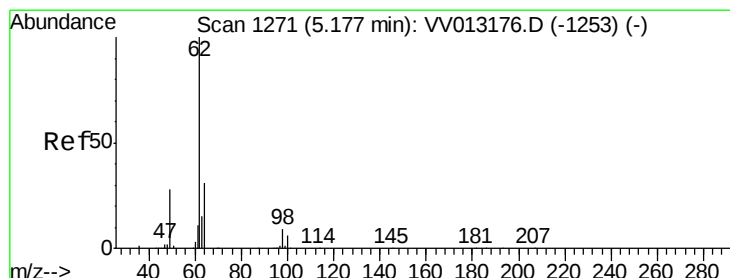
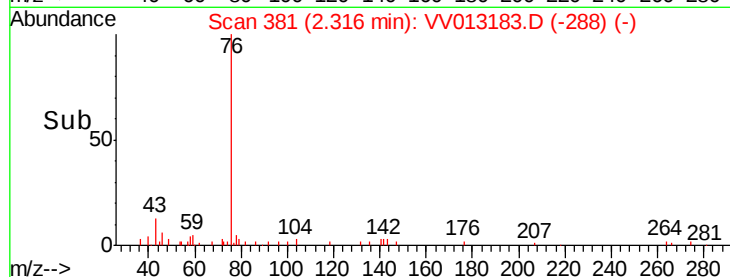
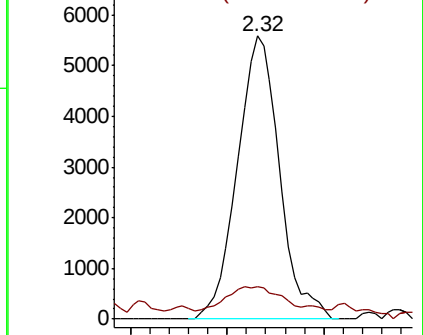
76 100

78 11.4 7.1 10.7#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#27

1,2-Dichloroethane

Concen: 0.102 ug/L

RT: 5.10 min Scan# 1246

Delta R.T. -0.08 min

Lab File: VV013183.D

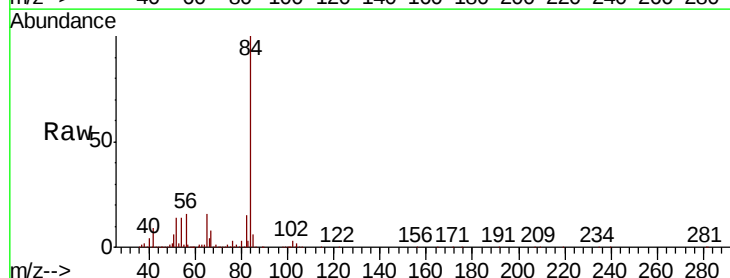
Acq: 17 Oct 2019 22:01

Tgt Ion: 62 Resp: 4971

Ion Ratio Lower Upper

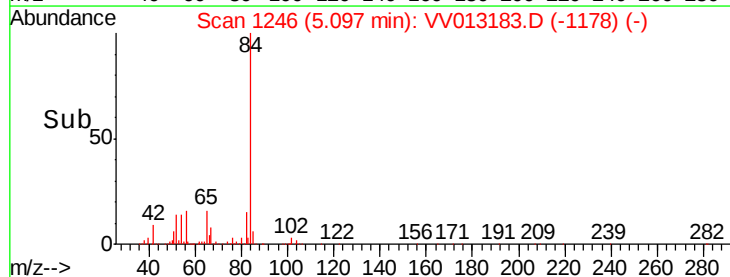
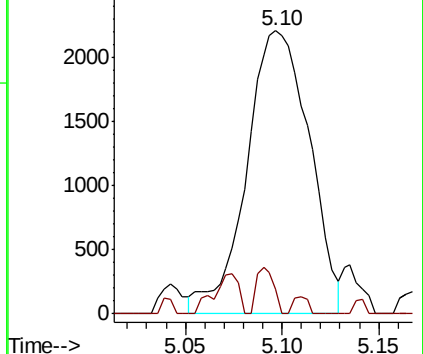
62 100

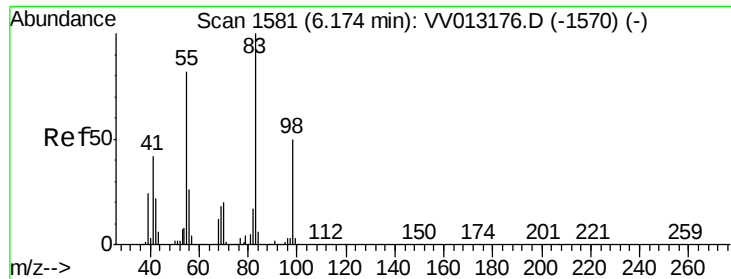
98 8.9 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0

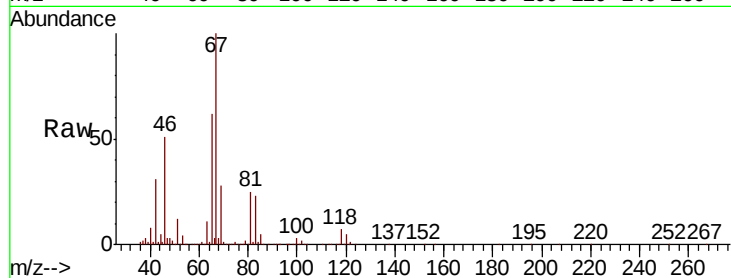




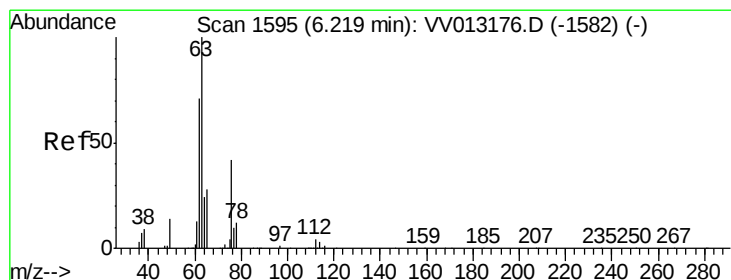
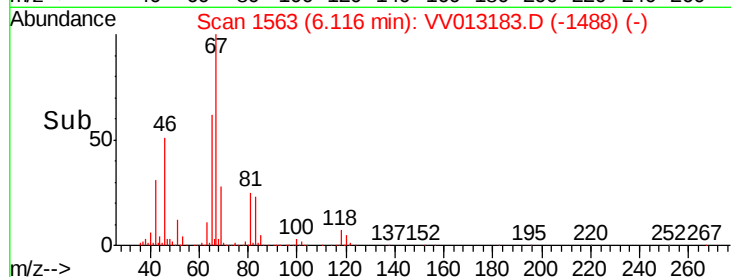
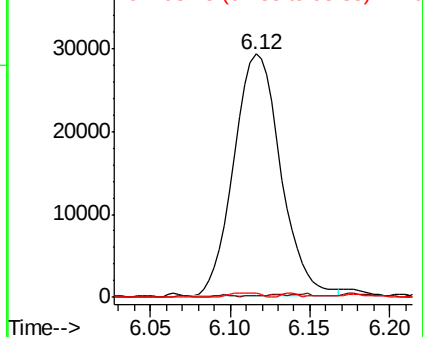
#35
Methvlcvclohexane
Concen: 0.752 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV013183.D
Acq: 17 Oct 2019 22:01

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.4	64.0	96.0#
98	0.5	38.6	57.8#

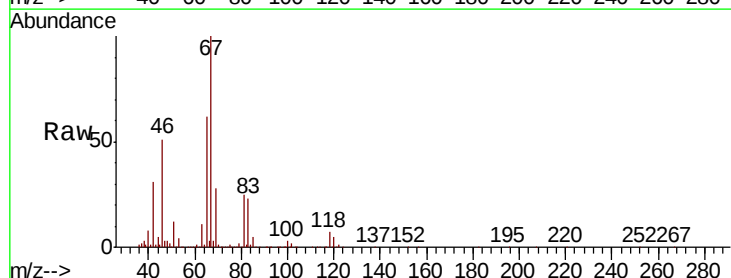


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

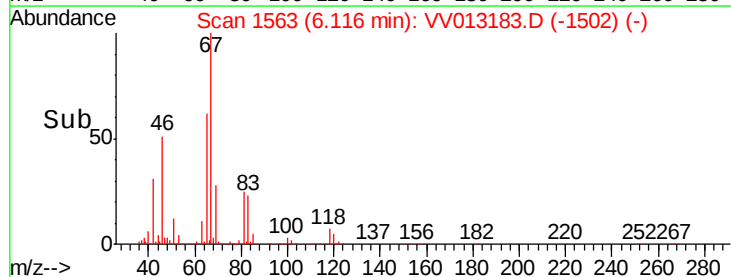
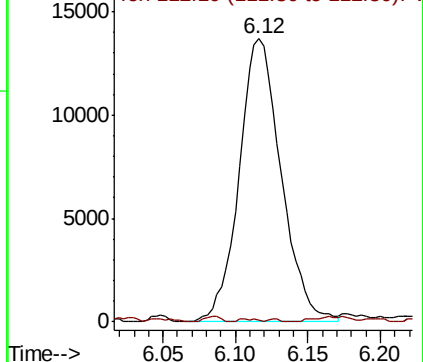


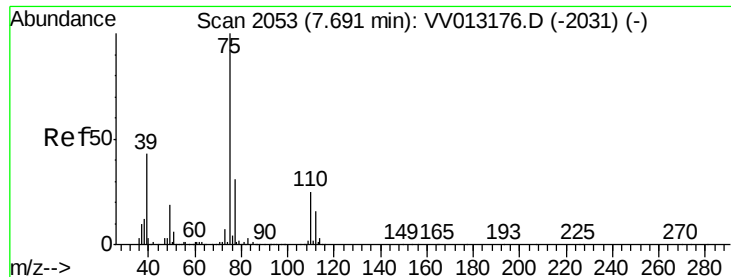
#37
1,2-Dichloropropane
Concen: 0.601 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV013183.D
Acq: 17 Oct 2019 22:01

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.8	5.8#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV013183.D

Acq: 17 Oct 2019 22:01

Instrument :

MSVOA_V

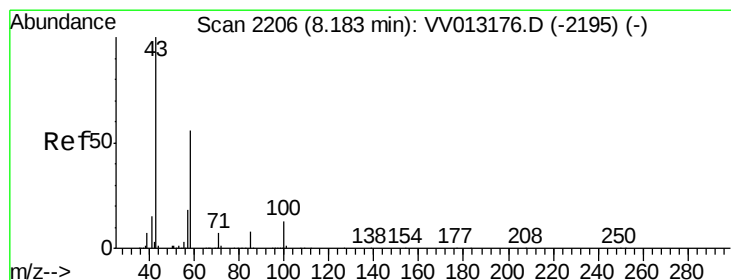
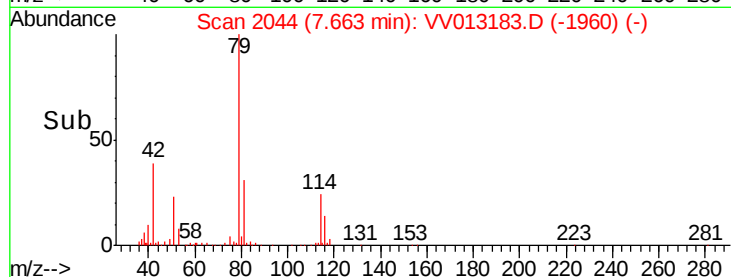
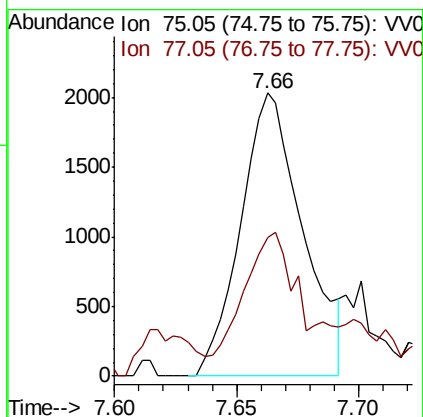
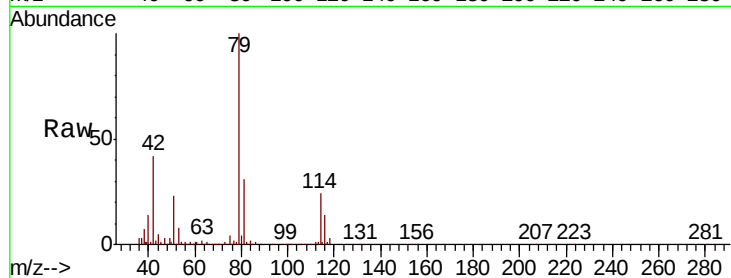
ClientSampleId :

Tot Ion: 75 Resp: 3580

Ion Ratio Lower Upper

75 100

77 49.1 21.8 40.4#



#48

2-Hexanone

Concen: 2.401 ug/L

RT: 8.14 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV013183.D

Acq: 17 Oct 2019 22:01

Tgt Ion: 43 Resp: 44383

Ion Ratio Lower Upper

43 100

58 52.2 44.2 66.2

57 37.9 14.5 21.7#

100 4.8 9.5 14.3#

