

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101719\
 Data File : VV013182.D
 Acq On : 17 Oct 2019 21:37
 Operator : SY/MD
 Sample : VV1017WBL01
 Misc : 25.00ML/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 18 03:41:48 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	472544	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	505466	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	240613	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	266448	5.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.40%
7) Chloroethane-d5	1.58	69	204235	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.20%
11) 1,1-Dichloroethene-d2	2.13	63	314198	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.20%
20) 2-Butanone-d5	3.95	46	424307	43.12	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.24%
24) Chloroform-d	4.40	84	450451	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.08	65	231960	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.00%
32) Benzene-d6	5.10	84	905358	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.12	67	286447	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.00%
41) Toluene-d8	7.36	98	764520	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	7.66	79	97752	5.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.00%
46) 2-Hexanone-d5	8.14	63	370283	46.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.70%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	220288	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	268988	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

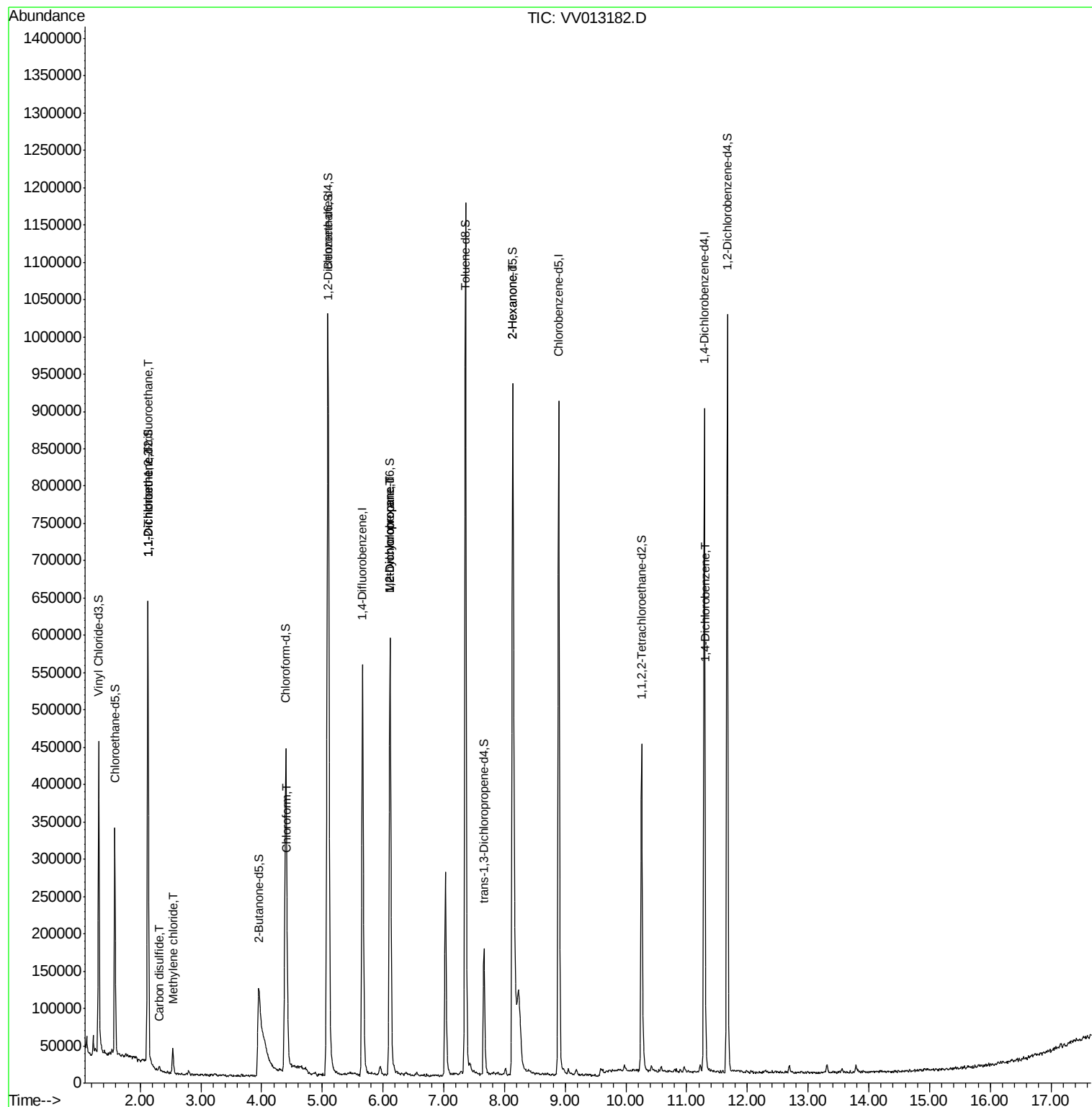
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	4367	0.106 ug/L #	18
12) 1,1-Dichloroethene	2.13	96	3283	0.085 ug/L #	1
14) Carbon disulfide	2.32	76	6461	0.046 ug/L	99
16) Methylene chloride	2.54	84	14334	0.239 ug/L	97
25) Chloroform	4.43	83	14781	0.156 ug/L	95
35) Methylcyclohexane	6.12	83	66818	0.809 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	30136	0.616 ug/L #	86
48) 2-Hexanone	8.14	43	45822	2.326 ug/L #	83
63) 1,4-Dichlorobenzene	11.31	146	4800	0.055 ug/L	86

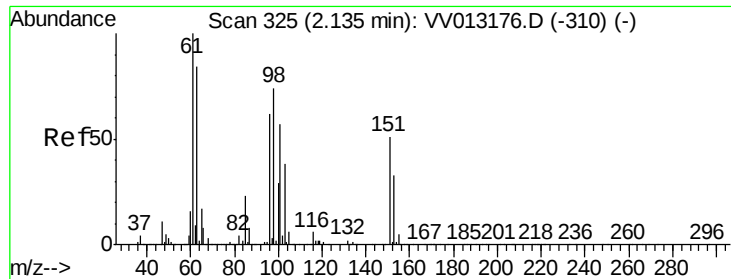
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 18 03:32:46 2019
Response via : Initial Calibration





#10

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

Concen: 0.106 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013182.D

Acq: 17 Oct 2019 21:37

Instrument :

MSVOA_V

ClientSampleId :

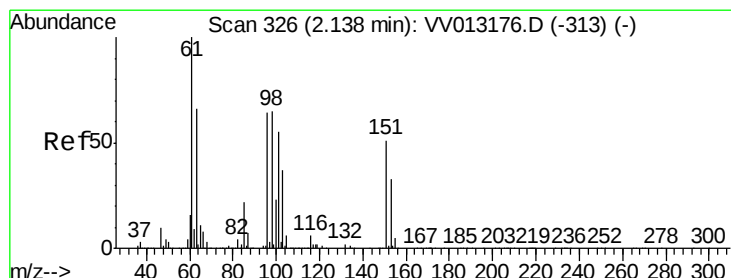
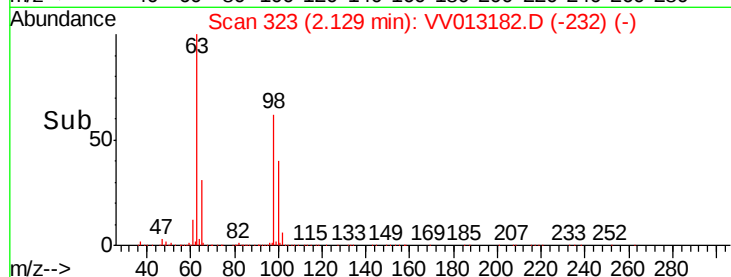
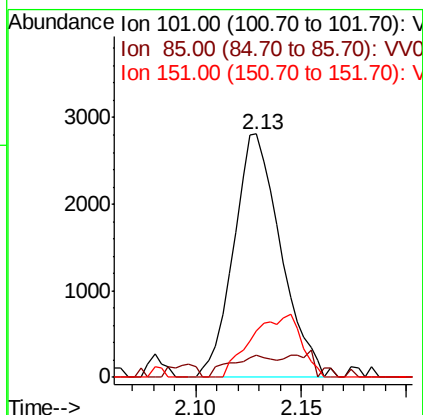
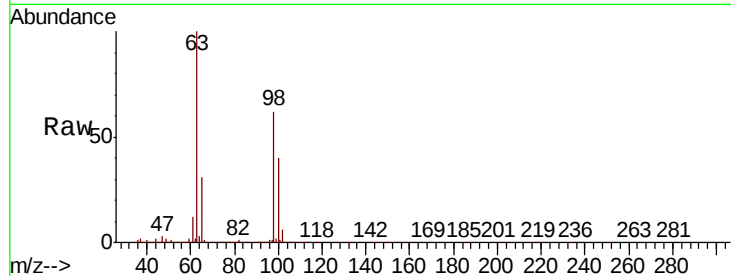
Tot Ion:101 Resp: 4367

Ion Ratio Lower Upper

101 100

85 8.5 32.4 48.6#

151 0.0 71.9 107.9#



#12

1,1-Dichloroethene

Concen: 0.085 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013182.D

Acq: 17 Oct 2019 21:37

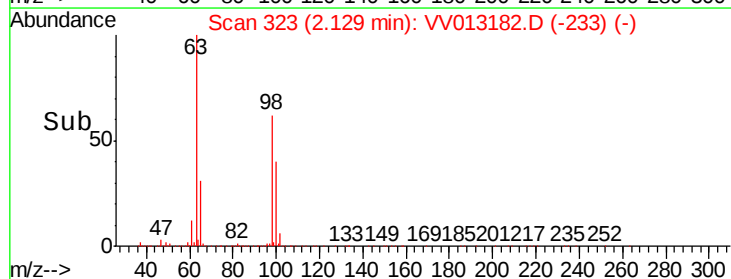
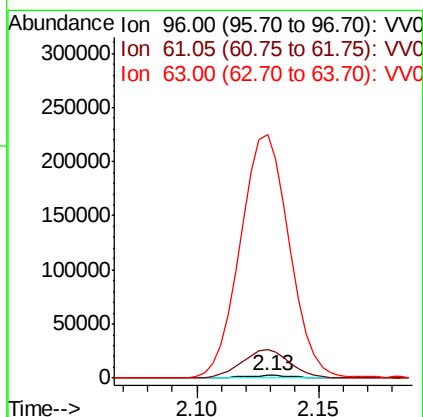
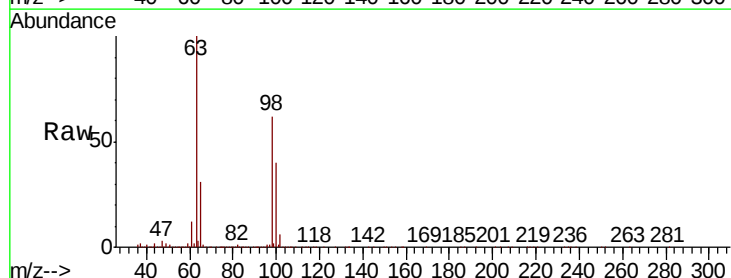
Tgt Ion: 96 Resp: 3283

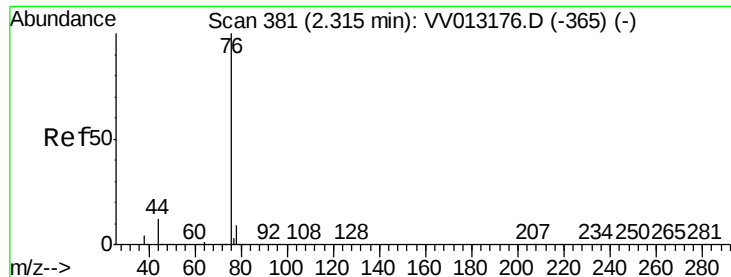
Ion Ratio Lower Upper

96 100

61 1206.4 109.8 204.0#

63 10067.0 72.6 134.8#





#14

Carbon disulfide

Concen: 0.046 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV013182.D

Acq: 17 Oct 2019 21:37

Instrument :

MSVOA_V

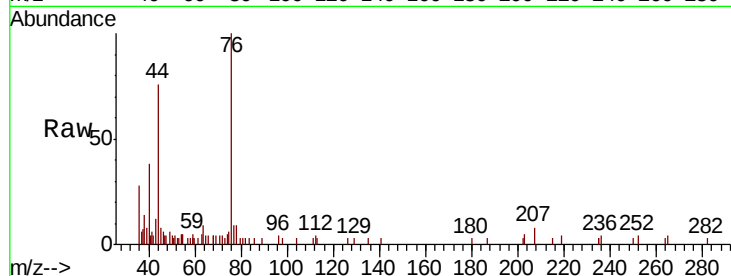
ClientSampleId :

Tot Ion: 76 Resp: 6461

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

2.32

4000

3000

2000

1000

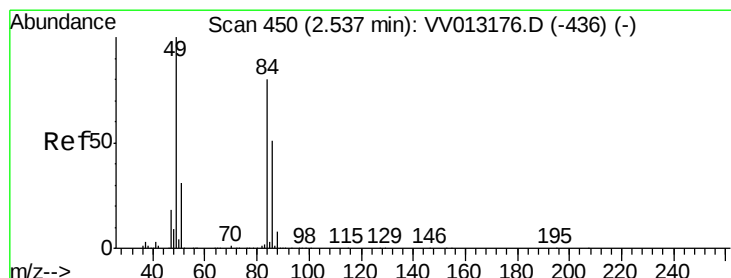
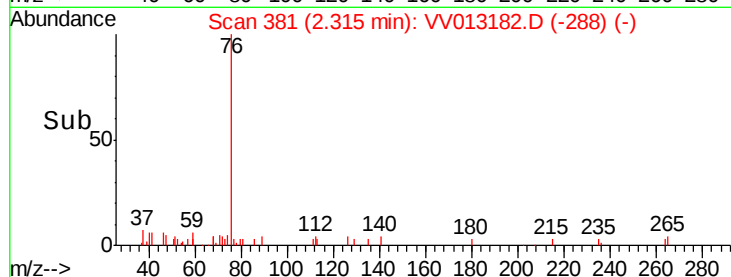
0

Time-->

2.25

2.30

2.35



#16

Methylene chloride

Concen: 0.239 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV013182.D

Acq: 17 Oct 2019 21:37

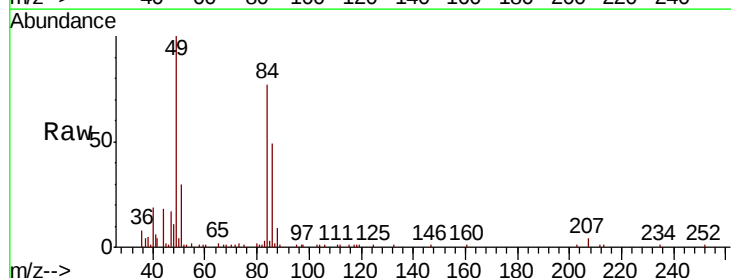
Tgt Ion: 84 Resp: 14334

Ion Ratio Lower Upper

84 100

86 64.0 44.5 82.7

49 129.9 87.3 162.1



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

15000

10000

5000

0

Time-->

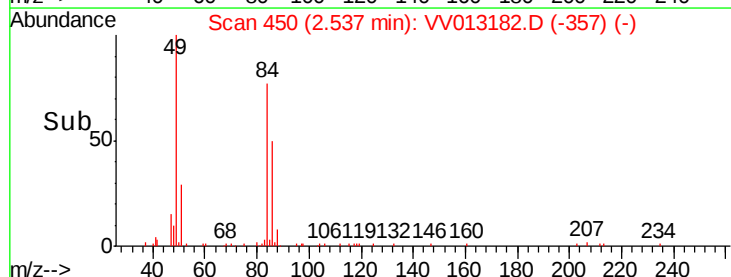
2.45

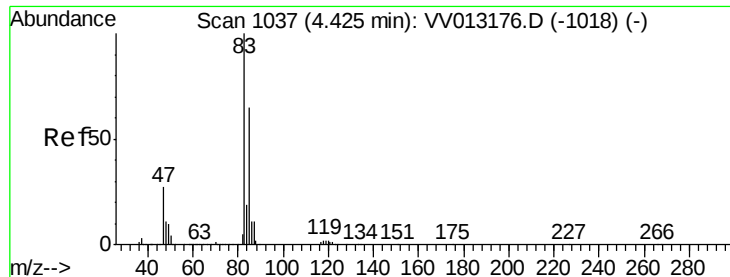
2.50

2.55

2.60

2.65

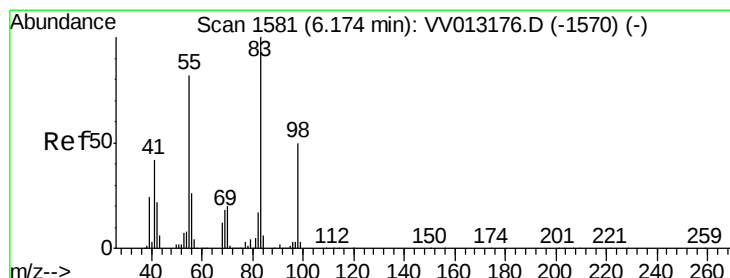
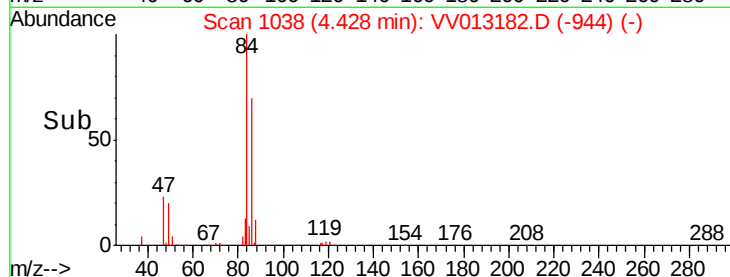
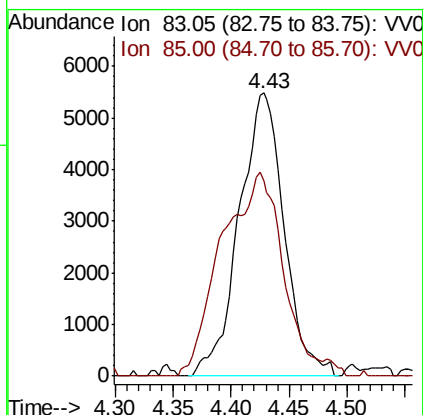
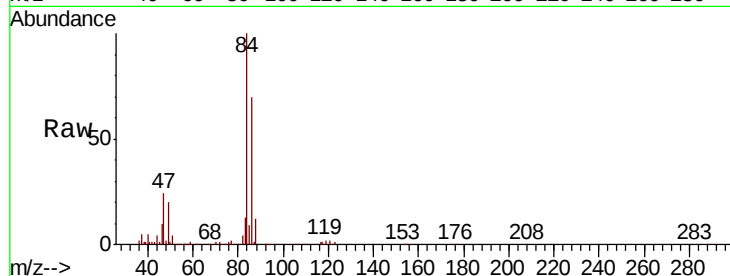




#25
Chloroform
Concen: 0.156 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV013182.D
Acq: 17 Oct 2019 21:37

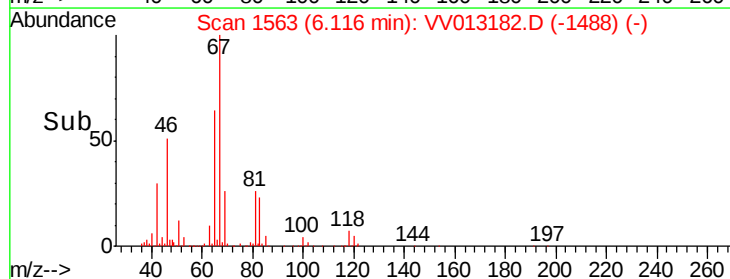
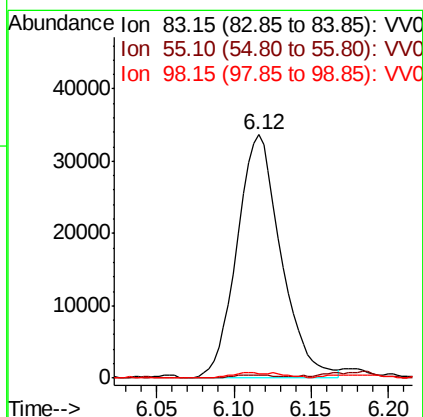
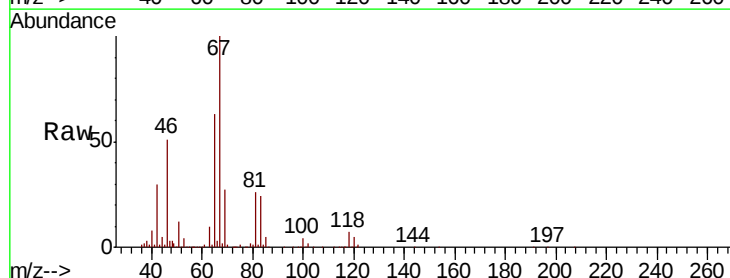
Instrument :
MSVOA_V
ClientSampleId :

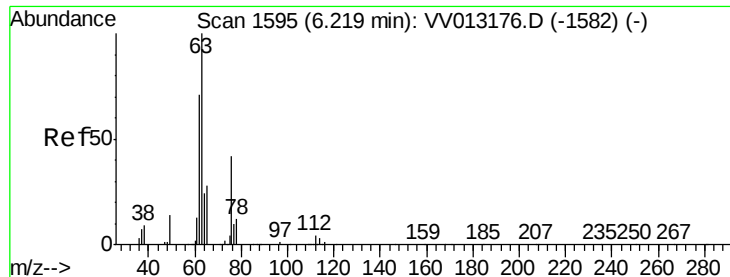
Tot Ion: 83 Resp: 14781
Ion Ratio Lower Upper
83 100
85 68.8 45.5 84.5



#35
Methylcyclohexane
Concen: 0.809 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV013182.D
Acq: 17 Oct 2019 21:37

Tgt Ion: 83 Resp: 66818
Ion Ratio Lower Upper
83 100
55 1.4 64.0 96.0#
98 1.7 38.6 57.8#





#37

1,2-Dichloropropane

Concen: 0.616 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV013182.D

Acq: 17 Oct 2019 21:37

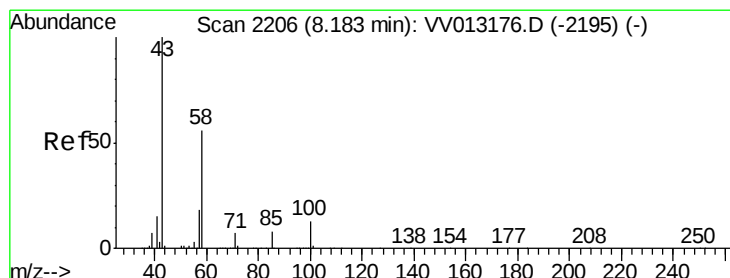
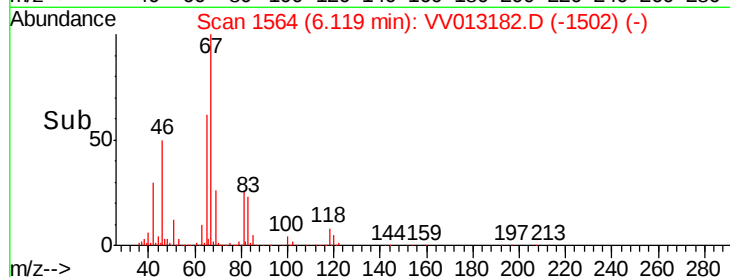
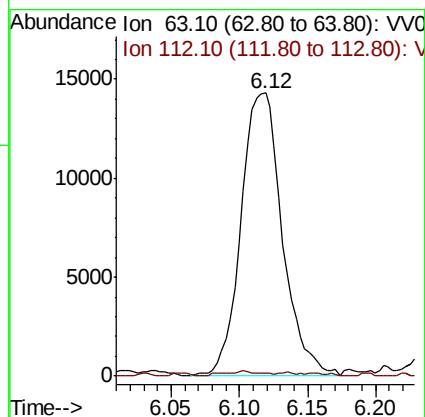
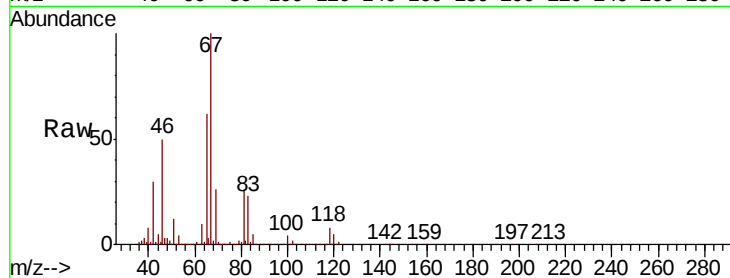
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 63 Resp: 30136

Ion Ratio Lower Upper

63 100

112 0.2 3.8 5.8#



#48

2-Hexanone

Concen: 2.326 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.04 min

Lab File: VV013182.D

Acq: 17 Oct 2019 21:37

Tgt Ion: 43 Resp: 45822

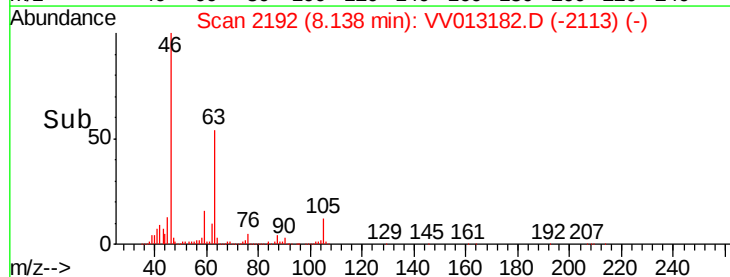
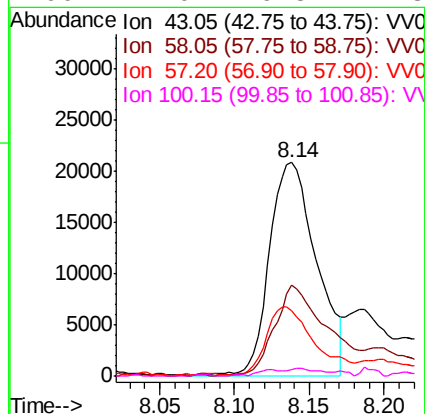
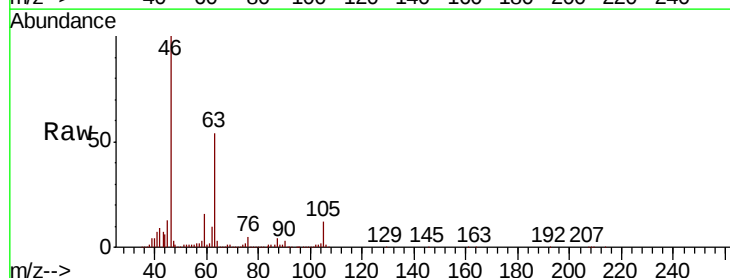
Ion Ratio Lower Upper

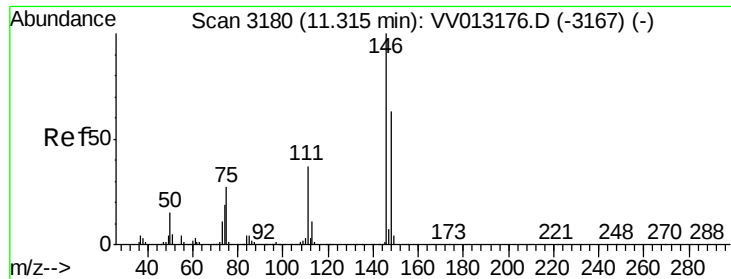
43 100

58 47.0 44.2 66.2

57 31.8 14.5 21.7#

100 2.0 9.5 14.3#





#63

1,4-Dichlorobenzene

Concen: 0.055 ug/L

RT: 11.31 min Scan# 3179

Delta R.T. -0.00 min

Lab File: VV013182.D

Acq: 17 Oct 2019 21:37

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion:146 Resp: 4800

Ion Ratio Lower Upper

146 100

111 43.8 25.7 47.7

148 75.4 44.4 82.5

