

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012820\
 Data File : VV014418.D
 Acq On : 28 Jan 2020 14:22
 Operator : SY/MD
 Sample : VIBLK22
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 29 05:27:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jan 29 05:25:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	789613	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	725166	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	336233	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	251420	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.59	69	194546	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.13	63	288323	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	3.93	46	660019	49.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.46%
24) Chloroform-d	4.40	84	562372	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	5.08	65	267192	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.10	84	1180504	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
36) 1,2-Dichloropropane-d6	6.11	67	373778	5.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.40%
41) Toluene-d8	7.35	98	1065688	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
43) trans-1,3-Dichloropropene-	7.66	79	134338	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.15	63	572282	45.54	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.08%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	263369	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	345823	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

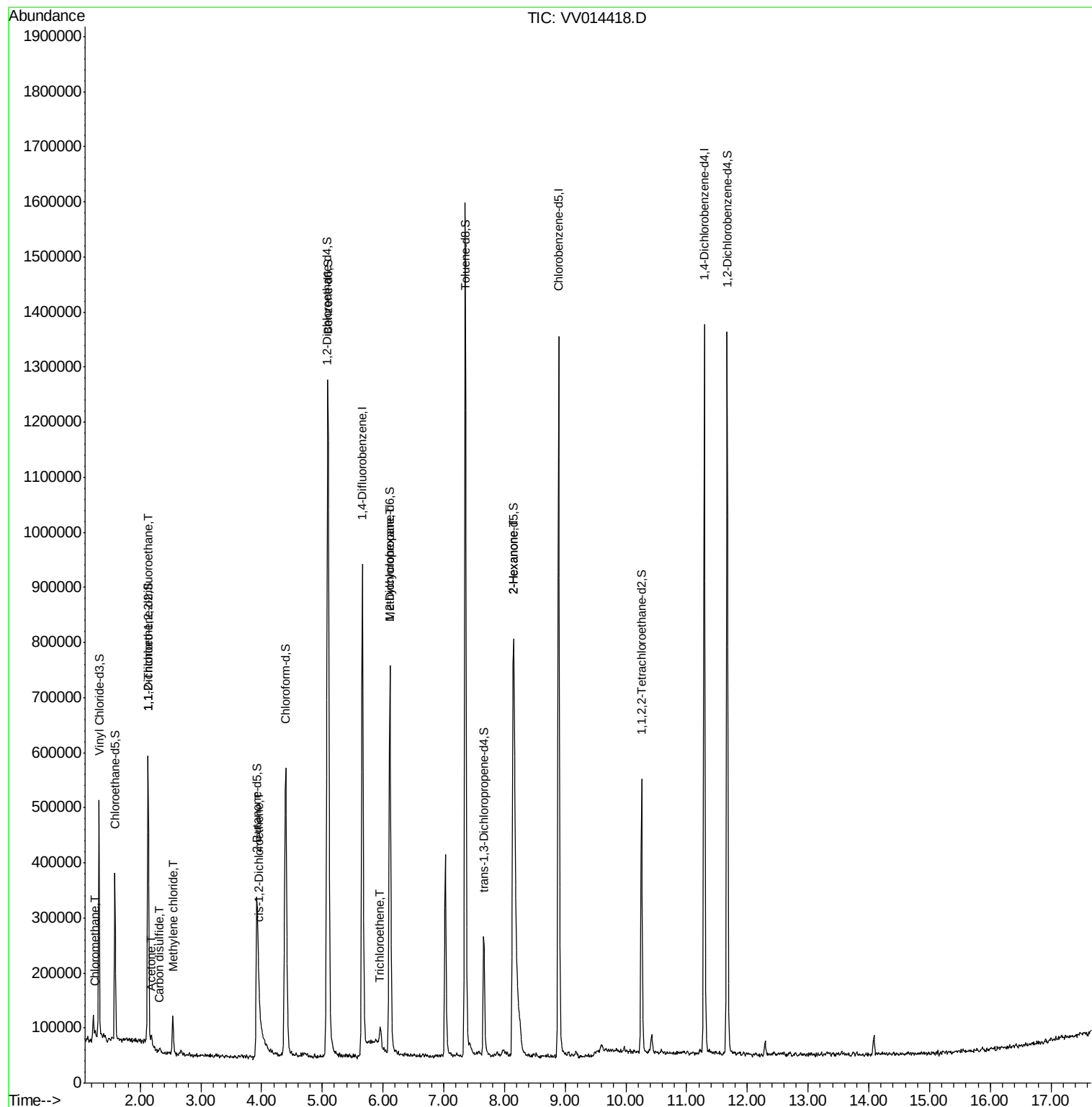
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.26	50	5768	0.097	ug/L #	83
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	4232	0.120	ug/L #	26
13) Acetone	2.19	43	23039	2.521	ug/L	95
14) Carbon disulfide	2.32	76	11358	0.073	ug/L #	81
16) Methylene chloride	2.54	84	31812	0.554	ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	11411	0.196	ug/L #	96
34) Trichloroethene	5.96	95	12634	0.220	ug/L	95
35) Methylcyclohexane	6.11	83	86968	0.927	ug/L #	18
48) 2-Hexanone	8.15	43	65960	2.684	ug/L #	42

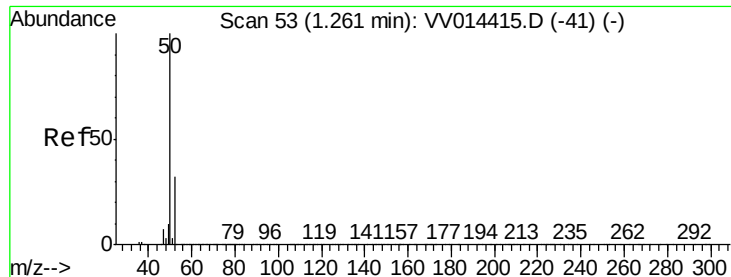
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jan 29 05:25:35 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.097 ug/L

RT: 1.26 min Scan# 52

Delta R.T. -0.00 min

Lab File: VV014418.D

Acq: 28 Jan 2020 14:22

Instrument :

MSVOA_V

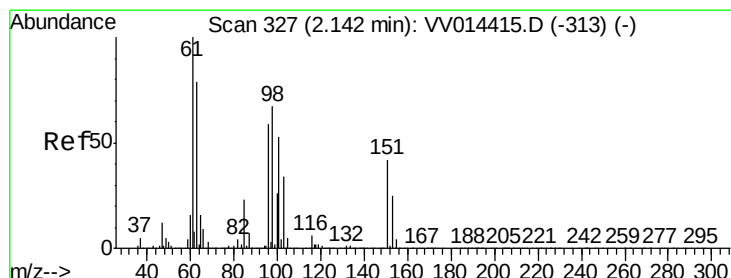
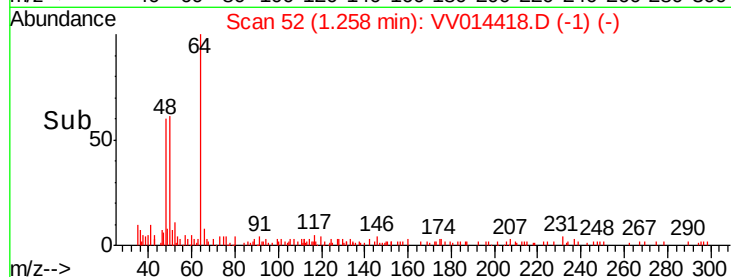
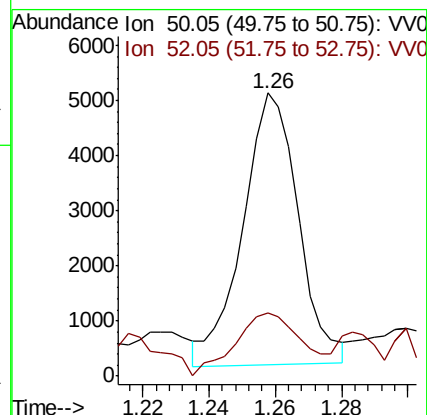
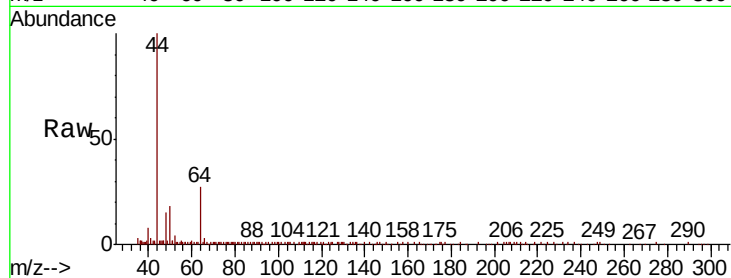
ClientSampleId :

Tot Ion: 50 Resp: 5768

Ion Ratio Lower Upper

50 100

52 22.2 22.3 41.3#



#10

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

Concen: 0.120 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014418.D

Acq: 28 Jan 2020 14:22

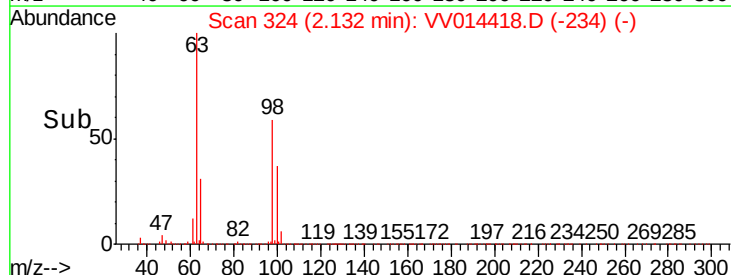
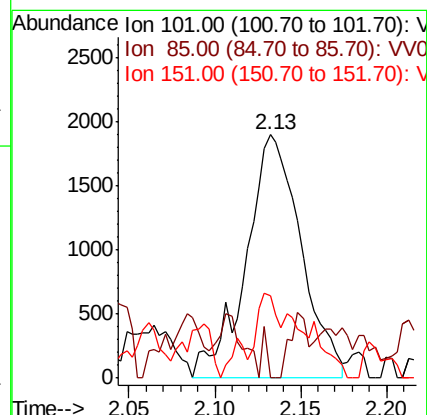
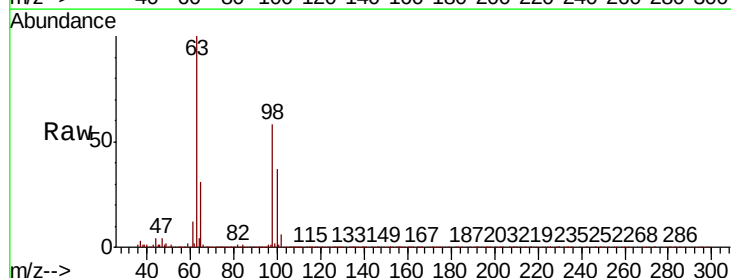
Tgt Ion: 101 Resp: 4232

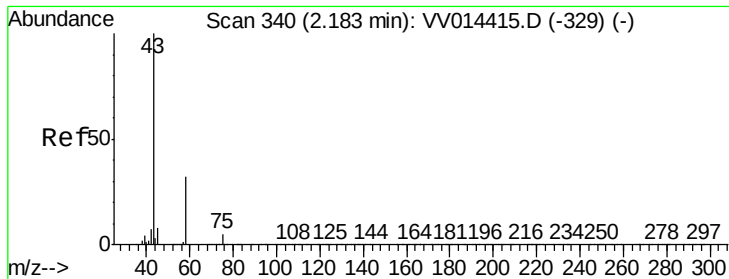
Ion Ratio Lower Upper

101 100

85 1.8 34.9 52.3#

151 9.6 62.5 93.7#

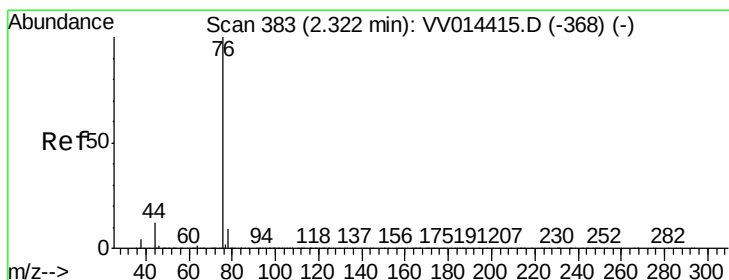
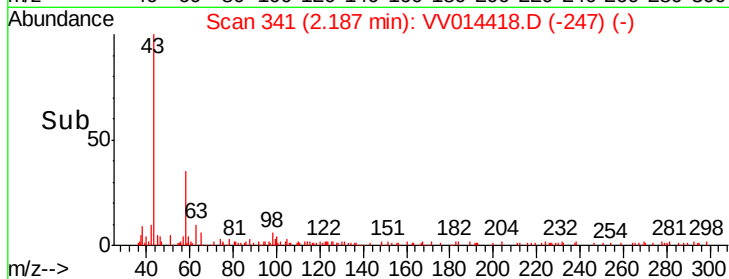
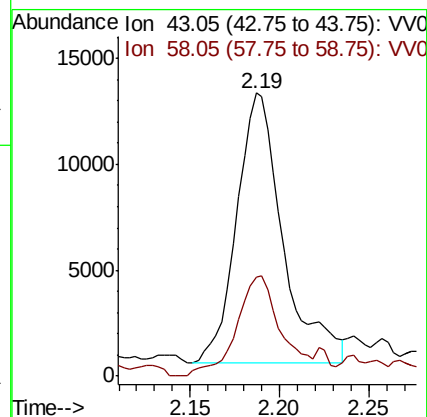
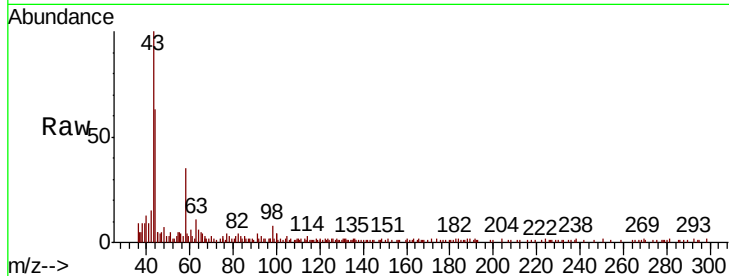




#13
Acetone
Concen: 2.521 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VV014418.D
Acq: 28 Jan 2020 14:22

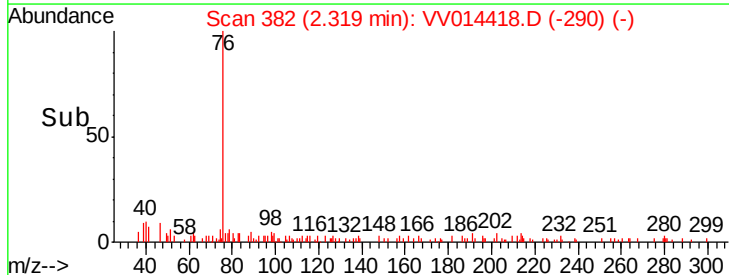
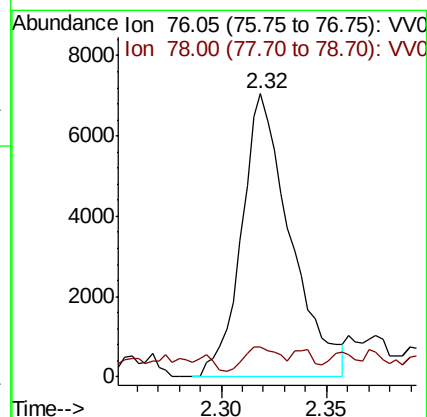
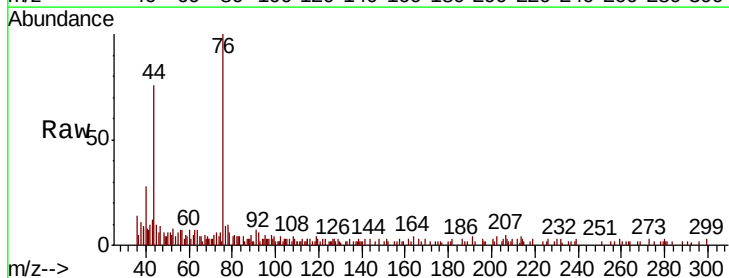
Instrument :
MSVOA_V
ClientSampleId :

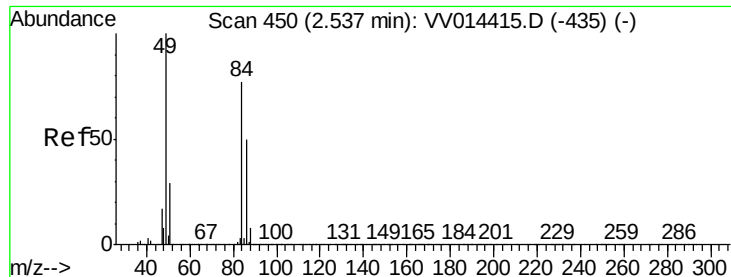
Tot Ion: 43 Resp: 23039
Ion Ratio Lower Upper
43 100
58 35.7 0.0 66.0



#14
Carbon disulfide
Concen: 0.073 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.00 min
Lab File: VV014418.D
Acq: 28 Jan 2020 14:22

Tgt Ion: 76 Resp: 11358
Ion Ratio Lower Upper
76 100
78 16.3 7.5 11.3#

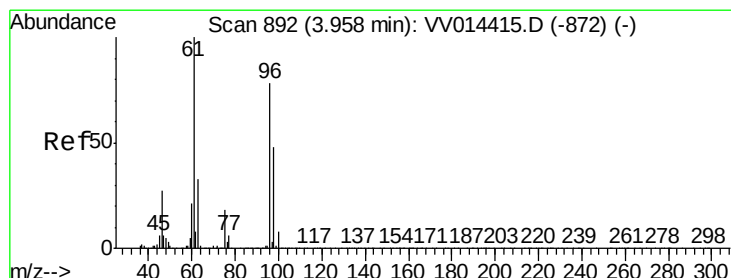
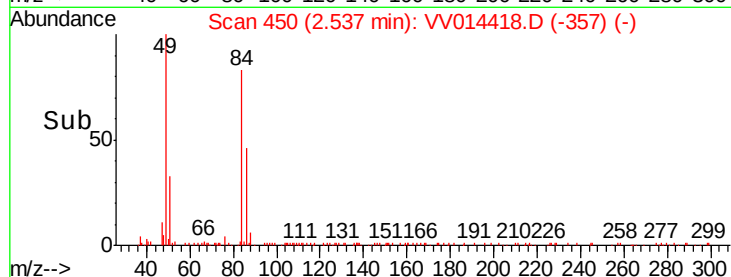
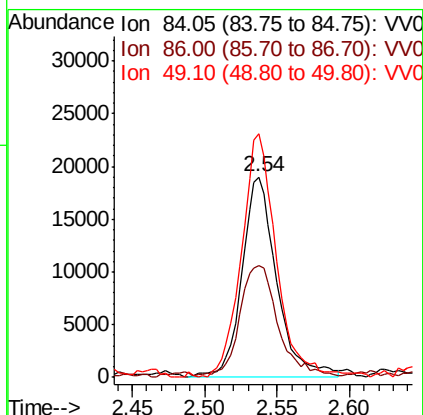
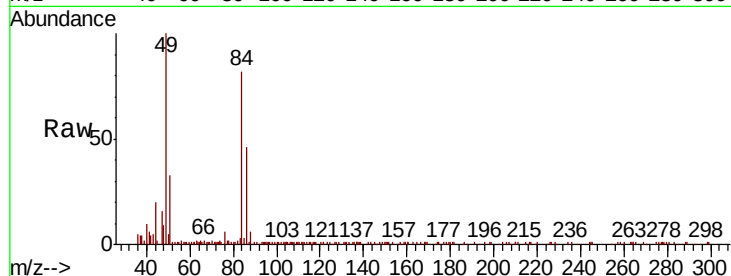




#16
Methylene chloride
Concen: 0.554 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV014418.D
Acq: 28 Jan 2020 14:22

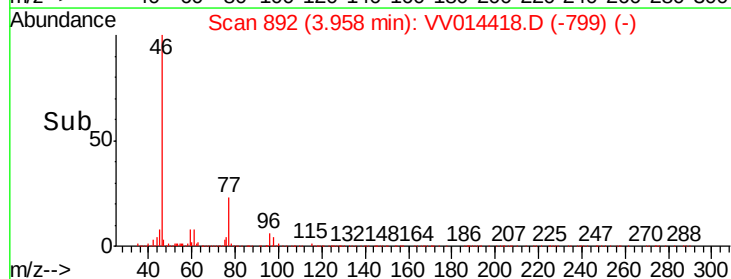
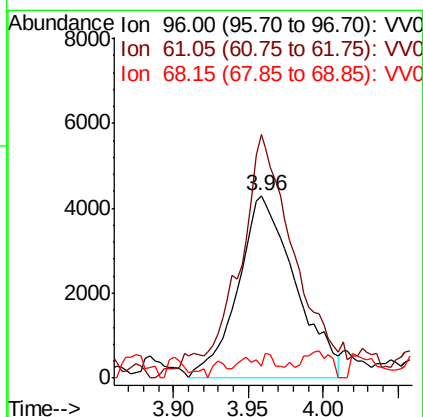
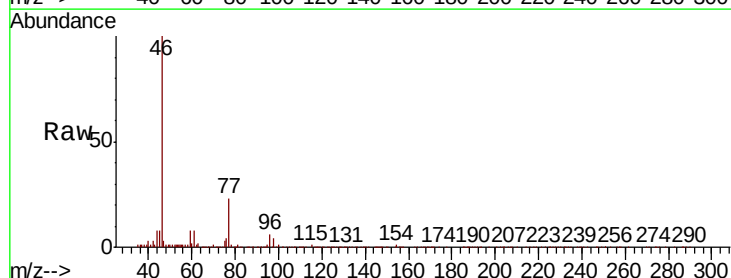
Instrument :
MSVOA_V
ClientSampled :

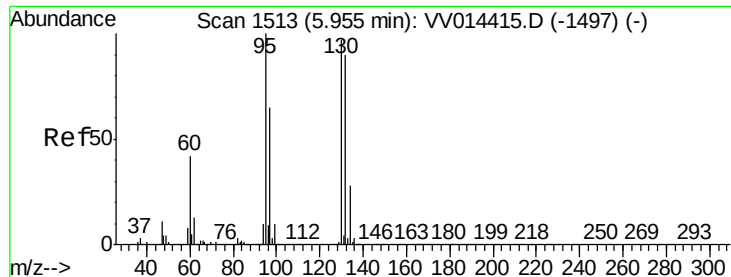
Tot Ion: 84 Resp: 31812
Ion Ratio Lower Upper
84 100
86 55.4 43.1 80.1
49 121.3 82.1 152.5



#22
cis-1,2-Dichloroethene
Concen: 0.196 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV014418.D
Acq: 28 Jan 2020 14:22

Tgt Ion: 96 Resp: 11411
Ion Ratio Lower Upper
96 100
61 133.6 90.6 168.3
68 6.5 0.3 0.7#





#34

Trichloroethene

Concen: 0.220 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV014418.D

Acq: 28 Jan 2020 14:22

Instrument :

MSVOA_V

ClientSampled :

Tot Ion: 95 Resp: 12634

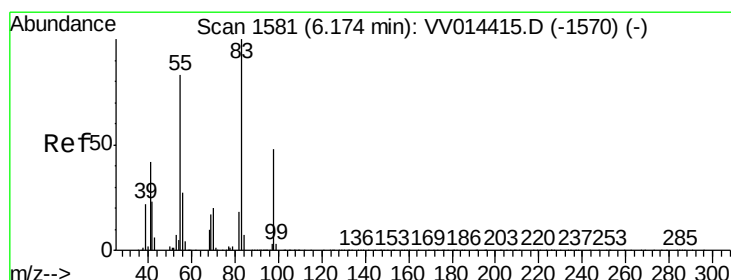
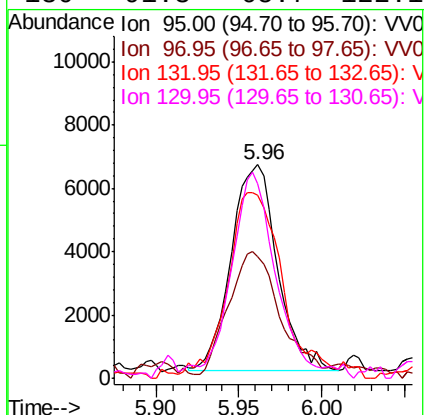
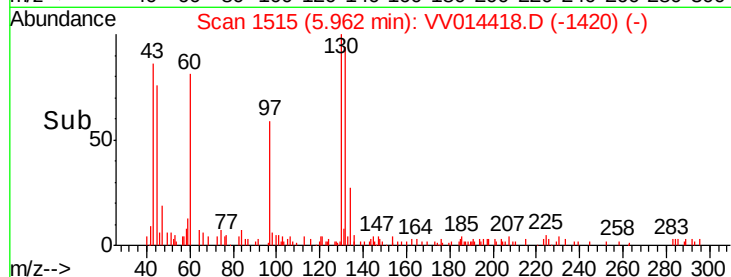
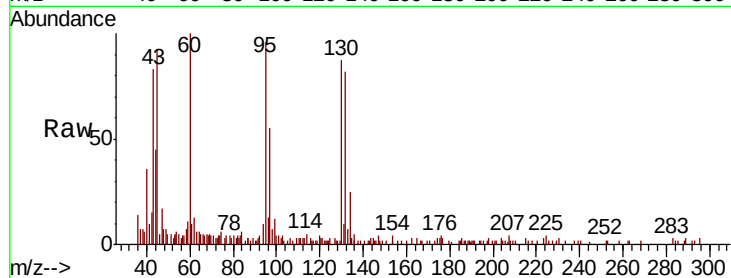
Ion Ratio Lower Upper

95 100

97 57.0 43.8 81.3

132 85.4 63.4 117.8

130 91.3 65.7 122.1



#35

Methylcyclohexane

Concen: 0.927 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV014418.D

Acq: 28 Jan 2020 14:22

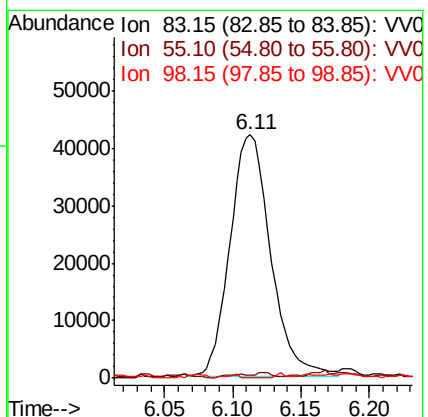
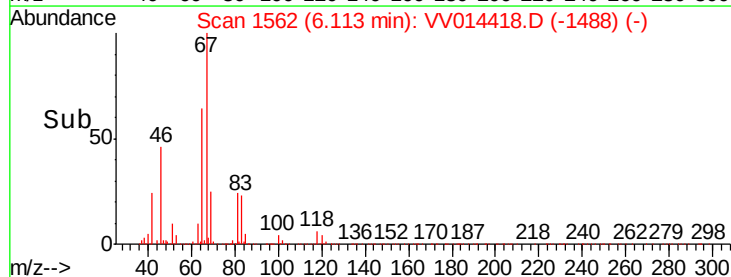
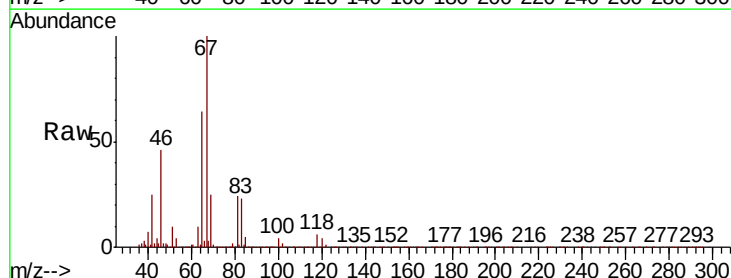
Tgt Ion: 83 Resp: 86968

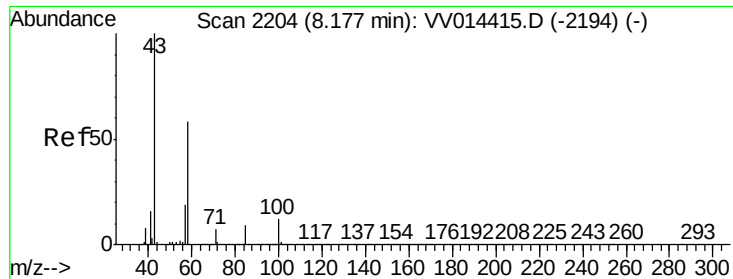
Ion Ratio Lower Upper

83 100

55 0.5 61.7 92.5#

98 0.5 38.1 57.1#





#48

2-Hexanone

Concen: 2.684 ug/L

RT: 8.15 min Scan# 2195

Delta R.T. -0.03 min

Lab File: VV014418.D

Acq: 28 Jan 2020 14:22

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 65960

Ion Ratio Lower Upper

43 100

58 0.0 45.4 68.0#

57 9.8 15.8 23.8#

100 1.1 10.2 15.4#

