

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021120\
 Data File : VV014559.D
 Acq On : 11 Feb 2020 17:18
 Operator : SY/MD
 Sample : L1489-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 12 03:19:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 12 03:16:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	303442	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	285996	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	143484	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55025	32.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.30%
7) Chloroethane-d5	1.58	69	41872	39.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.92%
11) 1,1-Dichloroethene-d2	2.13	63	73809	32.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.62%
21) 2-Butanone-d5	3.92	46	113864	100.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.42%
24) Chloroform-d	4.40	84	176521	49.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.98%
26) 1,2-Dichloroethane-d4	5.08	65	113639	52.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.78%
32) Benzene-d6	5.10	84	366280	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.28%
36) 1,2-Dichloropropane-d6	6.11	67	111542	46.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.64%
41) Toluene-d8	7.36	98	336224	48.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.74%
43) trans-1,3-Dichloropropene-	7.66	79	59682	49.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.56%
47) 2-Hexanone-d5	8.13	63	93502	100.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.31%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	153248	49.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.84%
64) 1,2-Dichlorobenzene-d4	11.67	152	132980	50.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.64%

Target Compounds

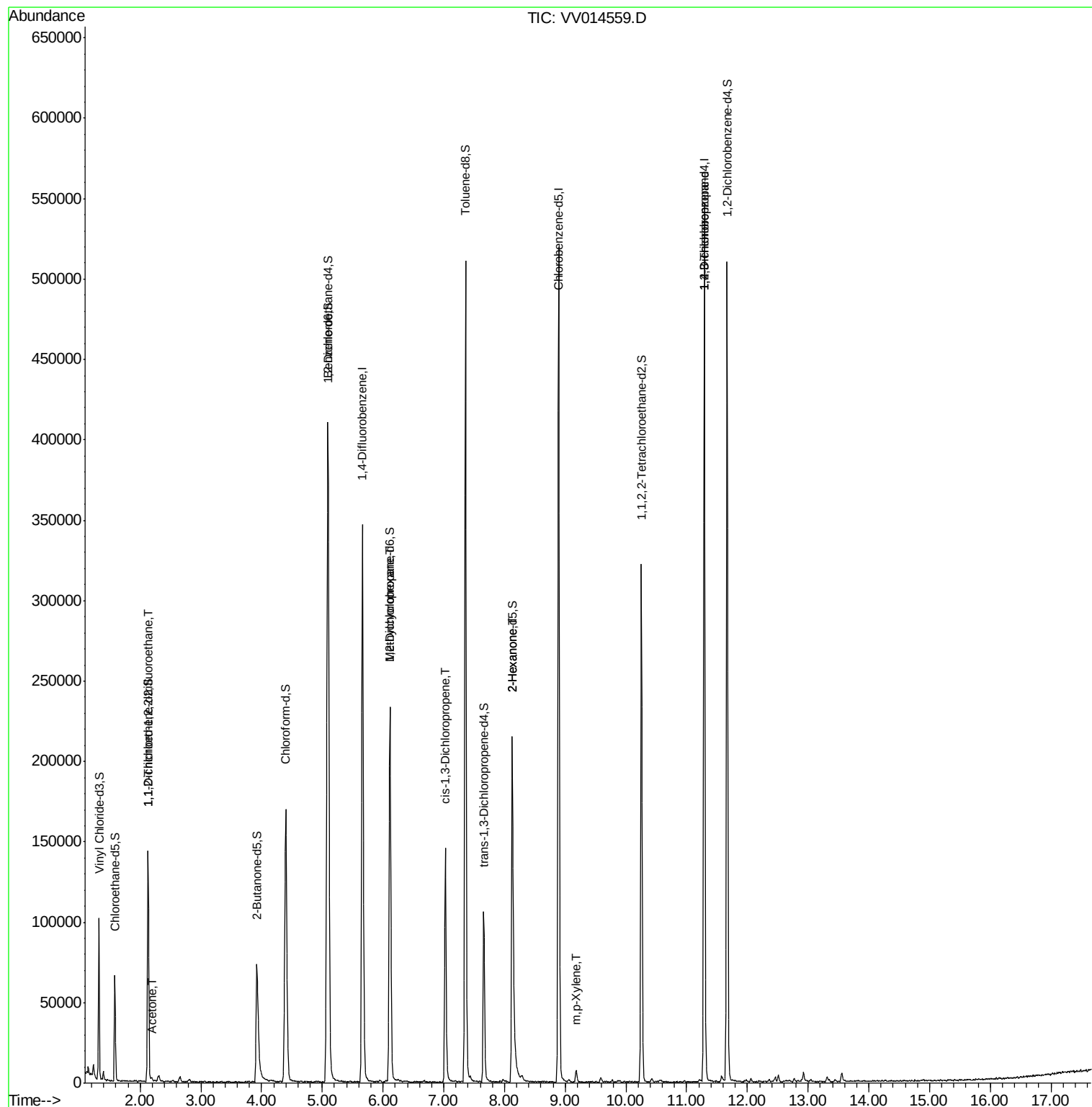
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	736	0.641 ug/L #	19
13) Acetone	2.19	43	1201	1.241 ug/L	88
35) Methylcyclohexane	6.12	83	28385	8.015 ug/L #	19
39) cis-1,3-Dichloropropene	7.03	75	3733	1.077 ug/L #	69
48) 2-Hexanone	8.13	43	9918	4.973 ug/L #	60
53) m,p-Xylene	9.18	106	2139	0.578 ug/L	90
59) 1,2,3-Trichloropropane	11.29	75	15845	6.358 ug/L	90

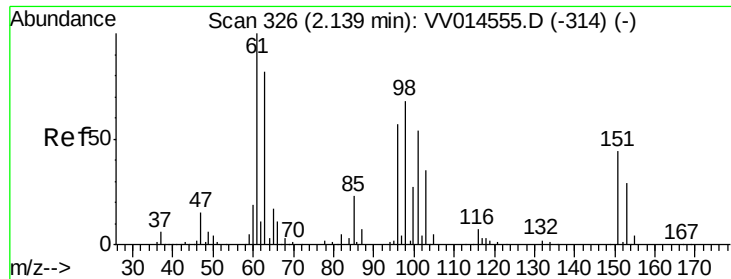
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Feb 12 03:16:31 2020
Response via : Initial Calibration





#10

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

Concen: 0.641 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014559.D

Acq: 11 Feb 2020 17:18

Instrument :

MSVOA_V

ClientSampleId :

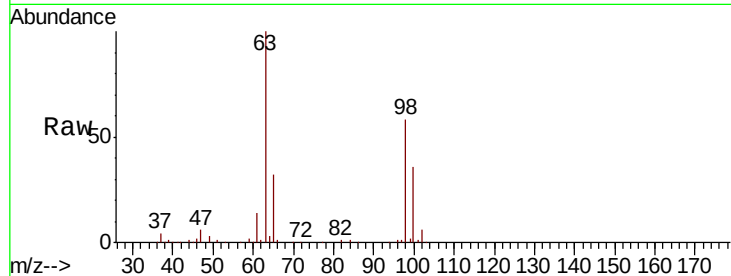
Tot Ion:101 Resp: 736

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

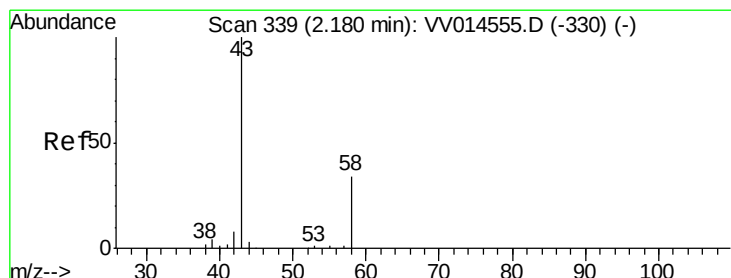
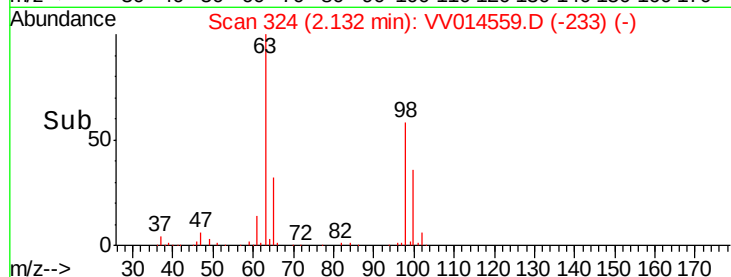
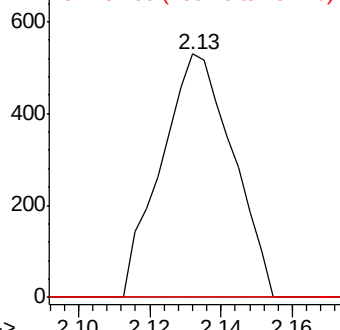
151 0.0 61.2 91.8#



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



#13

Acetone

Concen: 1.241 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

Lab File: VV014559.D

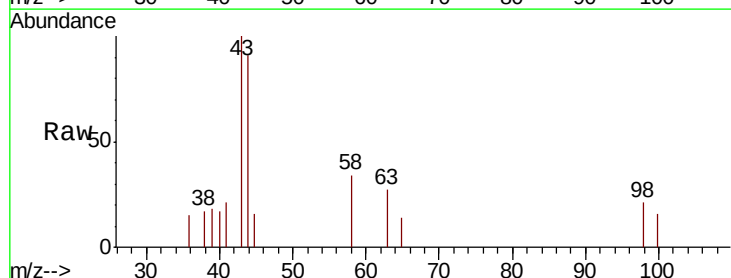
Acq: 11 Feb 2020 17:18

Tgt Ion: 43 Resp: 1201

Ion Ratio Lower Upper

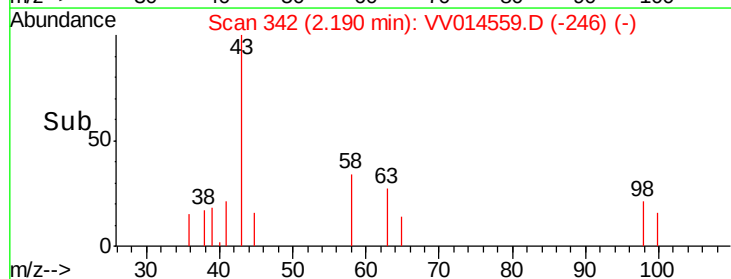
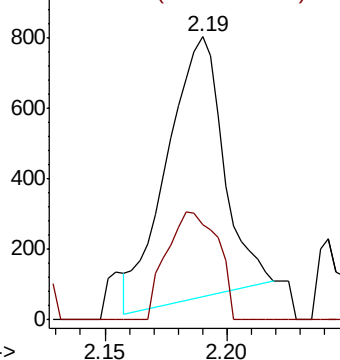
43 100

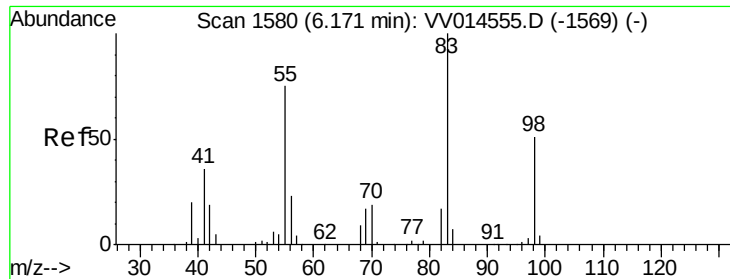
58 37.3 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

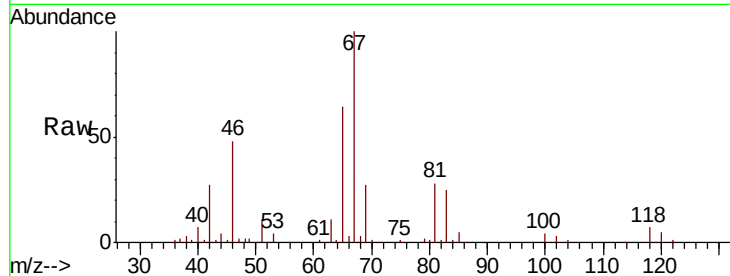




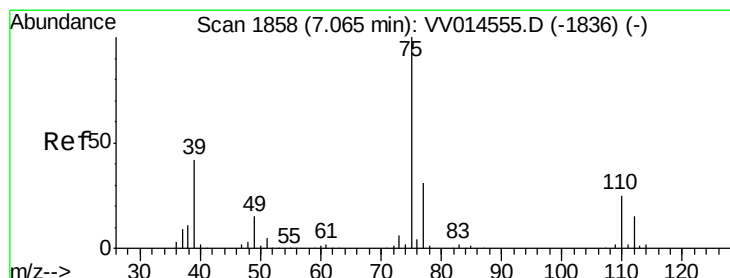
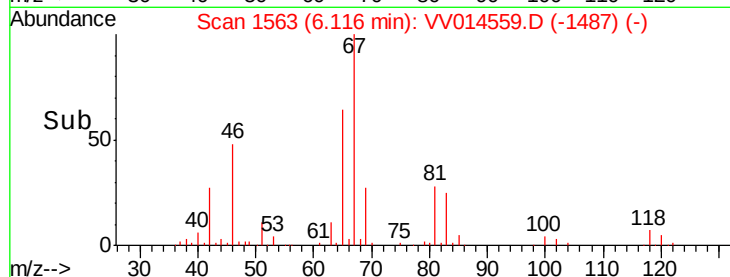
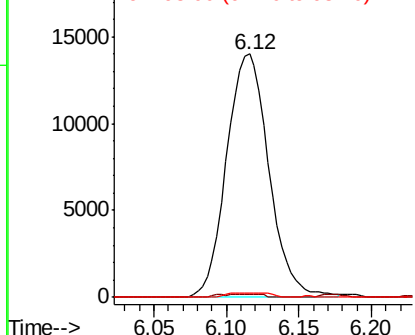
#35
Methylcyclohexane
Concen: 8.015 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV014559.D
Acq: 11 Feb 2020 17:18

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 28385
Ion Ratio Lower Upper
83 100
55 0.3 60.4 90.6#
98 1.4 39.2 58.8#

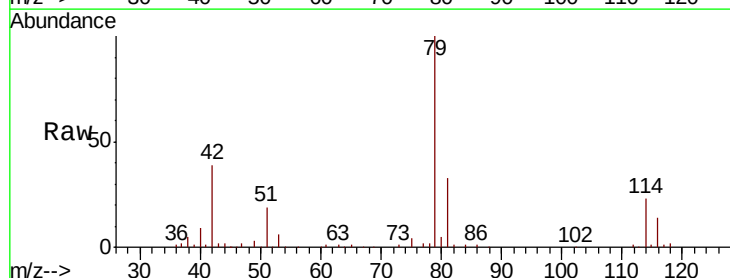


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

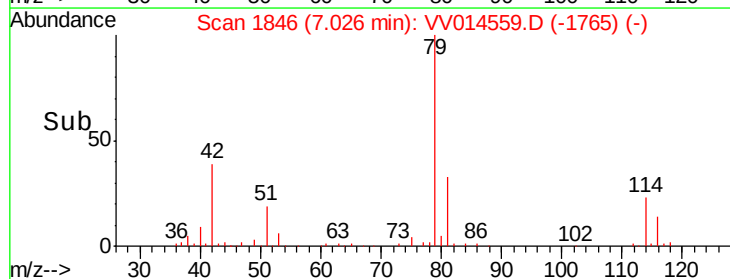
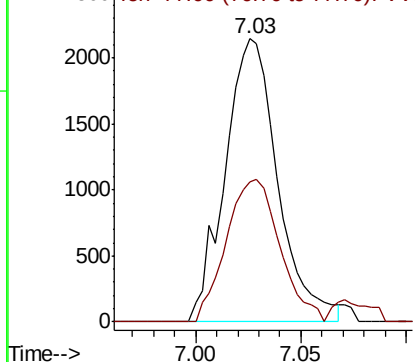


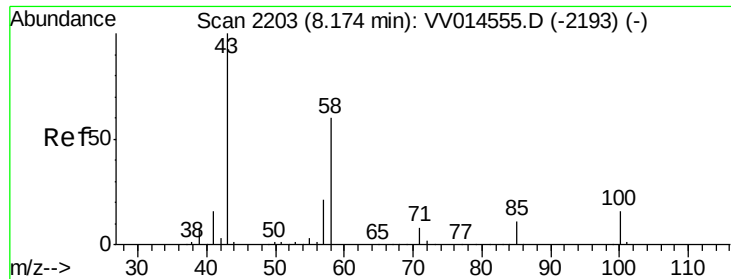
#39
cis-1,3-Dichloropropene
Concen: 1.077 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV014559.D
Acq: 11 Feb 2020 17:18

Tgt Ion: 75 Resp: 3733
Ion Ratio Lower Upper
75 100
77 49.6 22.7 42.3#



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0

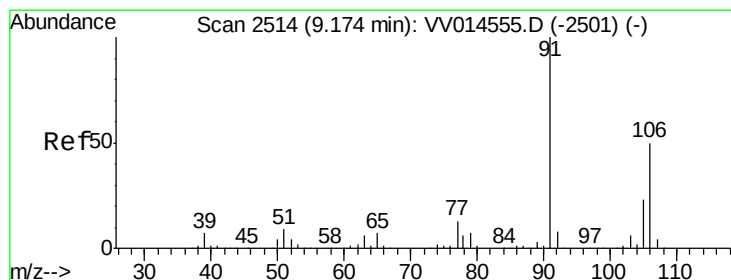
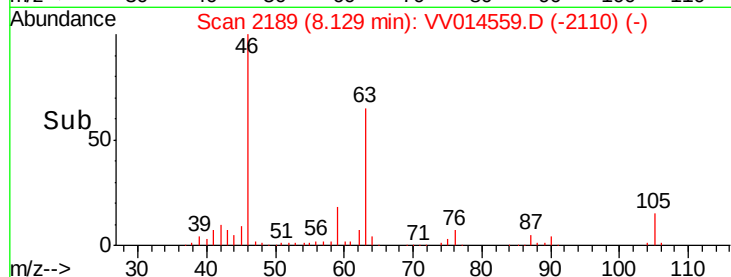
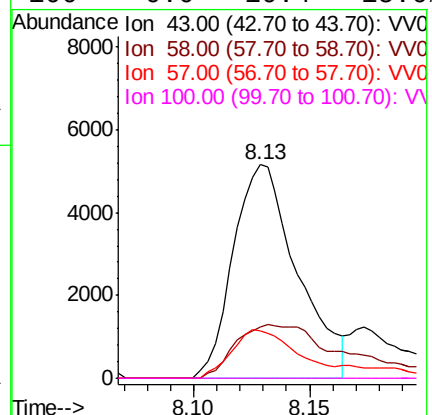
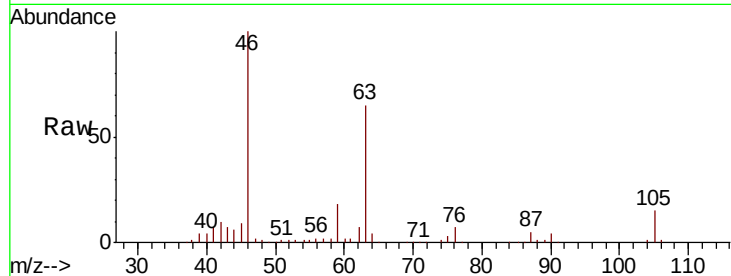




#48
2-Hexanone
Concen: 4.973 ug/L
RT: 8.13 min Scan# 2189
Delta R.T. -0.05 min
Lab File: VV014559.D
Acq: 11 Feb 2020 17:18

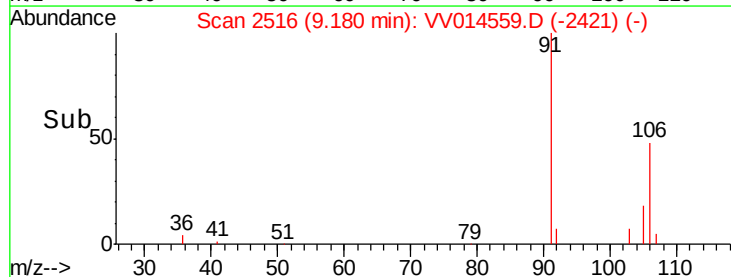
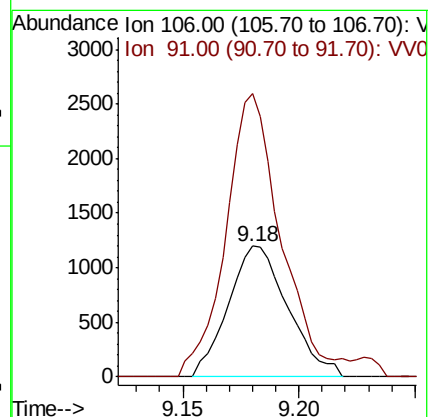
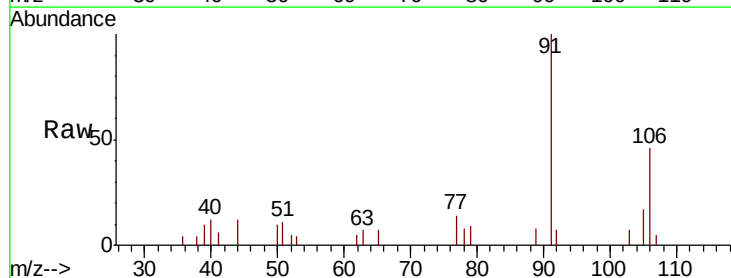
Instrument :
MSVOA_V
ClientSampleId :

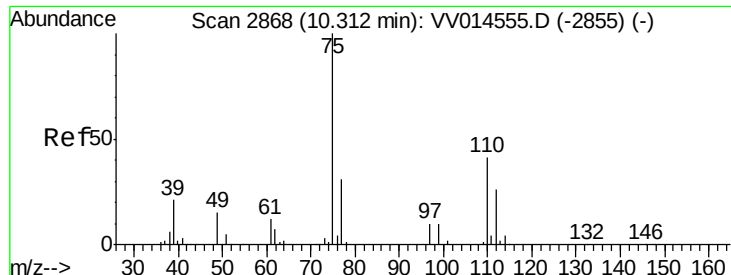
Tot Ion: 43 Resp: 9918
Ion Ratio Lower Upper
43 100
58 21.0 48.0 72.0#
57 23.0 15.0 22.6#
100 0.0 10.4 15.6#



#53
m,p-Xylene
Concen: 0.578 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.01 min
Lab File: VV014559.D
Acq: 11 Feb 2020 17:18

Tgt Ion: 106 Resp: 2139
Ion Ratio Lower Upper
106 100
91 216.6 140.9 261.7





#59

1,2,3-Trichloropropane

Concen: 6.358 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.98 min

Lab File: VV014559.D

Acq: 11 Feb 2020 17:18

Instrument :

MSVOA_V

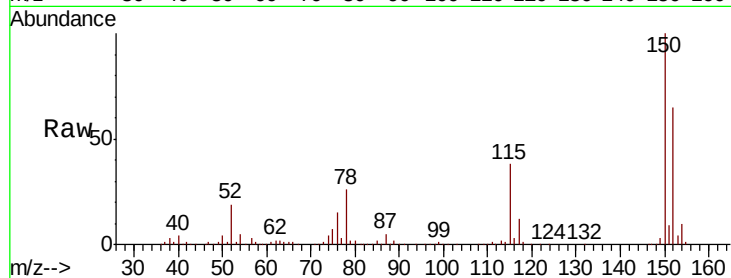
ClientSampleId :

Tot Ion: 75 Resp: 15845

Ion Ratio Lower Upper

75 100

77 38.1 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

