

Data File : VV013938.D
Acq On : 06 Dec 2019 13:23
Operator : SY/MD
Sample : K6190-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BE895

Quant Time: Dec 07 01:42:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 07 01:39:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	682136	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	638945	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	222093	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	193845	49.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.26%
7) Chloroethane-d5	1.56	69	193615	47.02	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.04%
11) 1,1-Dichloroethene-d2	2.01	63	170	0.02	ug/L	-0.12
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.04%#
21) 2-Butanone-d5	3.92	46	284512	102.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.46%
24) Chloroform-d	4.39	84	420275	50.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.46%
26) 1,2-Dichloroethane-d4	5.07	65	268489	51.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.28%
32) Benzene-d6	5.09	84	861235	52.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.04%
36) 1,2-Dichloropropane-d6	6.11	67	267854	53.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.80%
41) Toluene-d8	7.35	98	730254	48.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.76%
43) trans-1,3-Dichloropropene-	7.66	79	112492	46.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.04%
47) 2-Hexanone-d5	8.13	63	164704	88.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.75%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	324038	45.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.06%
64) 1,2-Dichlorobenzene-d4	11.67	152	246181	56.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.88%

Target Compounds

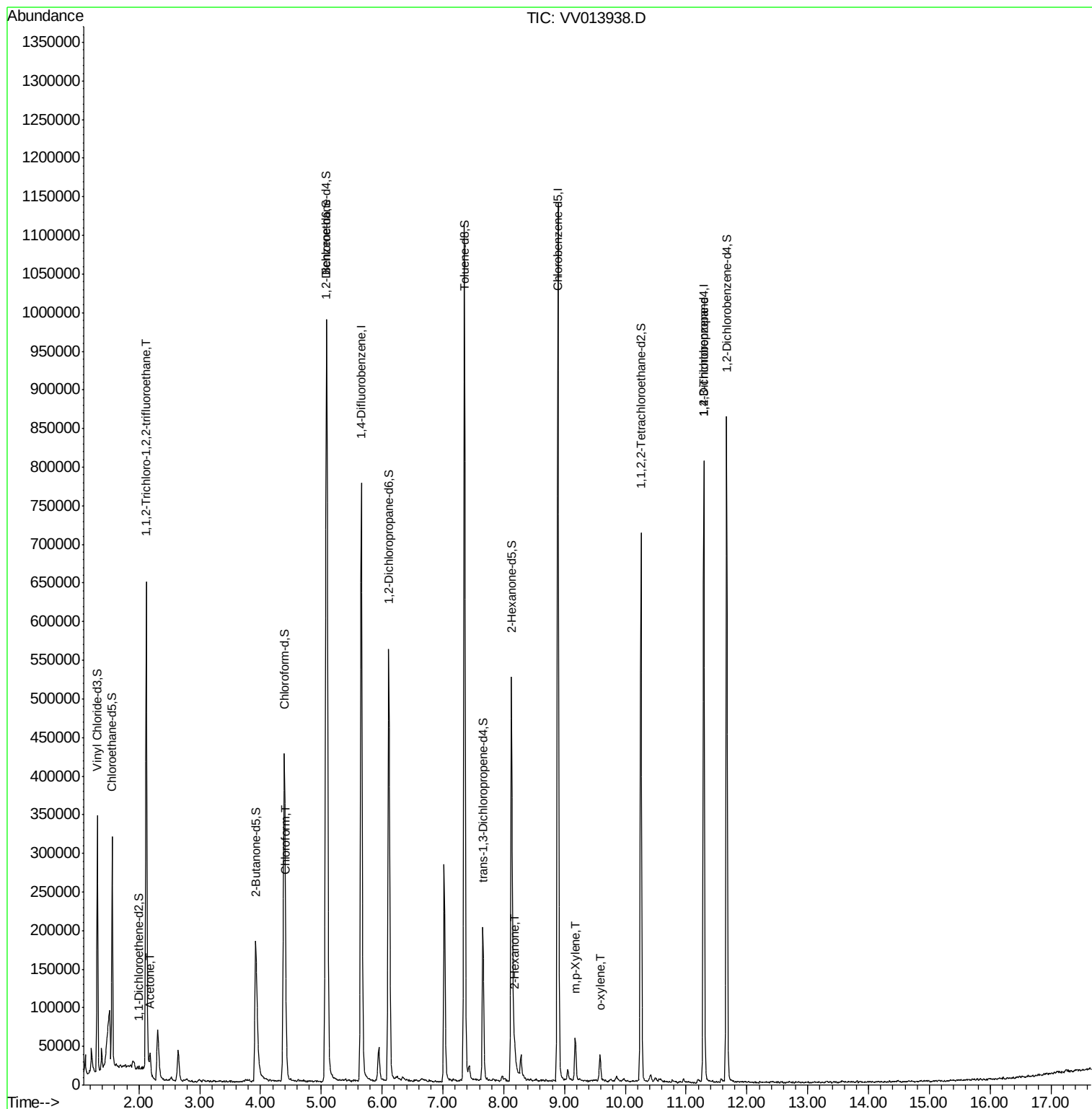
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3678	0.717 ug/L #	19
13) Acetone	2.18	43	21332	5.242 ug/L	97
25) Chloroform	4.42	83	14667	1.571 ug/L	94
48) 2-Hexanone	8.18	43	19875	4.149 ug/L #	56
53) m,p-Xylene	9.18	106	15132	1.808 ug/L	97
54) o-xylene	9.58	106	10218	1.249 ug/L	94
59) 1,2,3-Trichloropropane	11.29	75	21710	3.484 ug/L	93

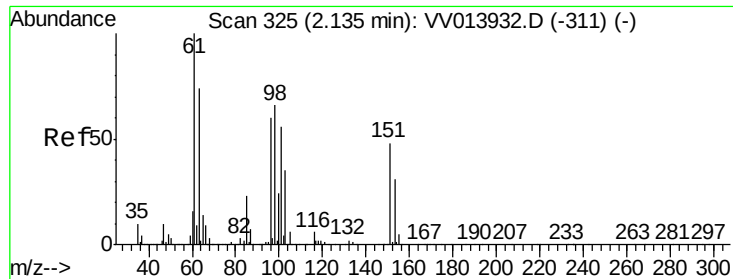
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.717 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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ClientSampleId :

BE895

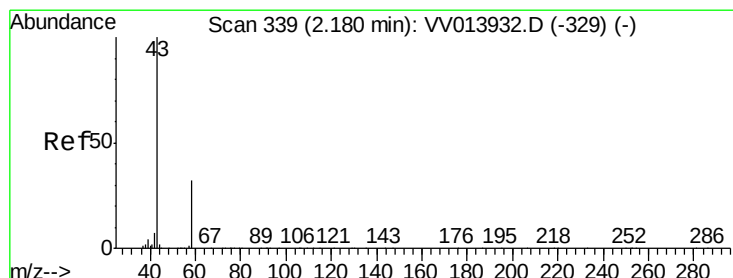
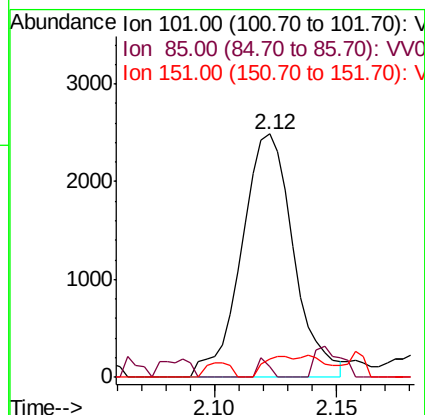
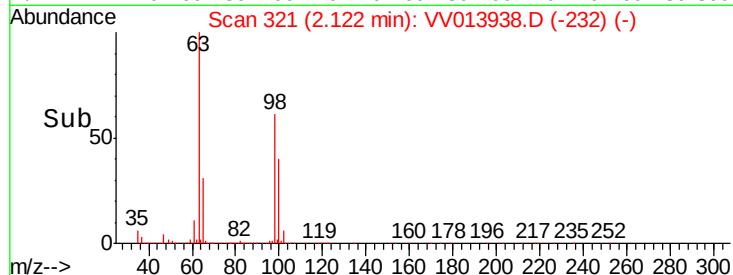
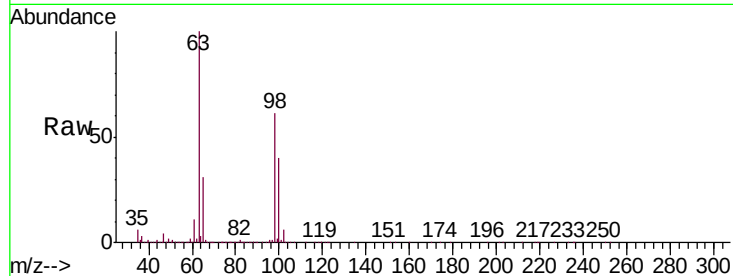
Tgt Ion: 101 Resp: 3678

Ion Ratio Lower Upper

101 100

85 1.6 32.5 48.7#

151 4.9 69.8 104.6#



#13

Acetone

Concen: 5.242 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV013938.D

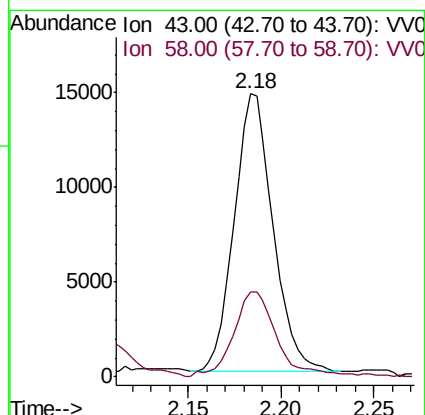
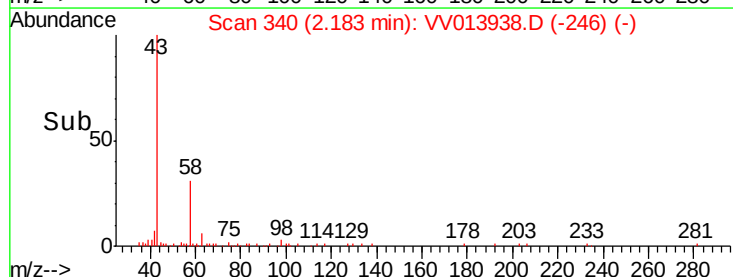
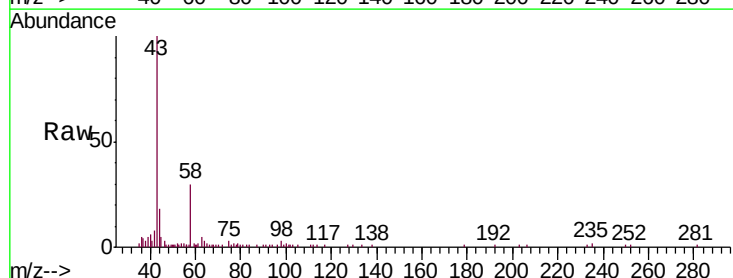
Acq: 06 Dec 2019 13:23

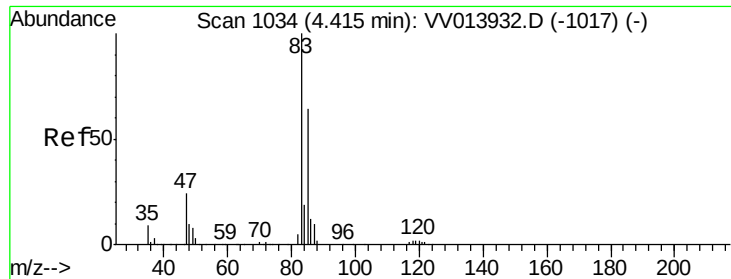
Tgt Ion: 43 Resp: 21332

Ion Ratio Lower Upper

43 100

58 32.3 0.0 60.8

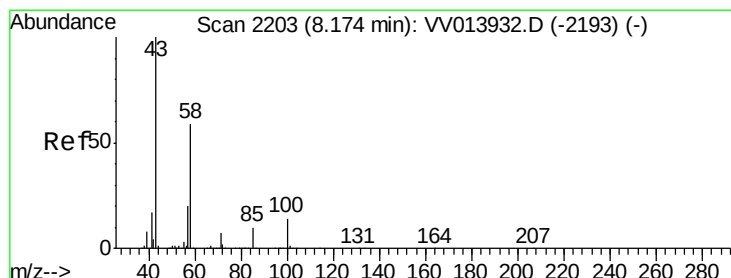
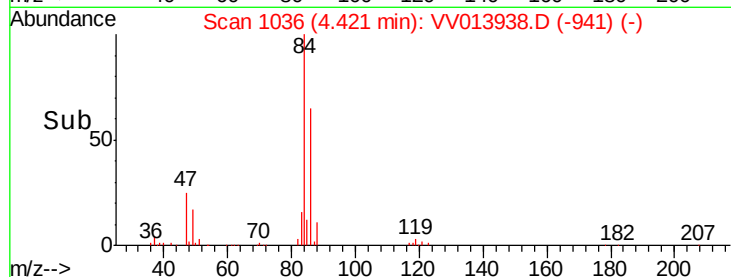
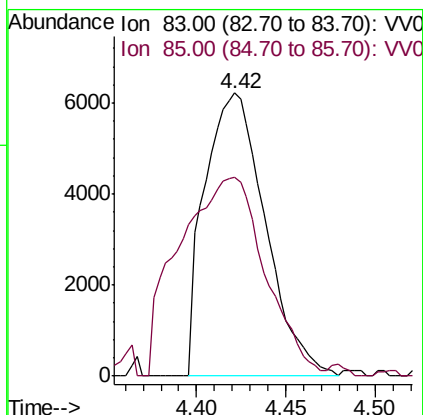
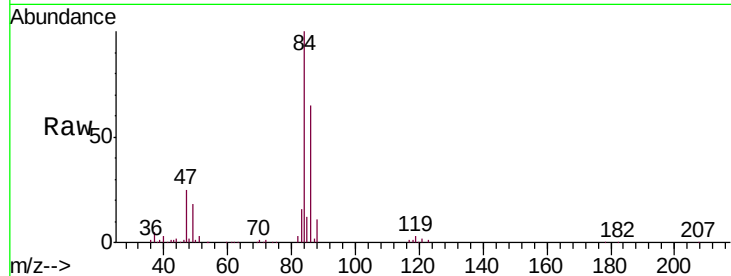




#25
Chloroform
Concen: 1.571 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.01 min
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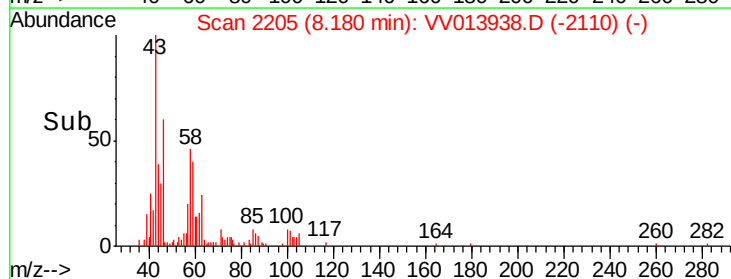
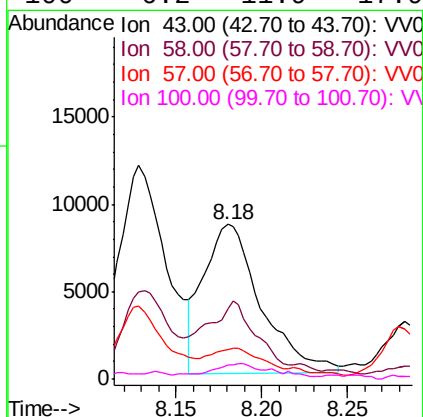
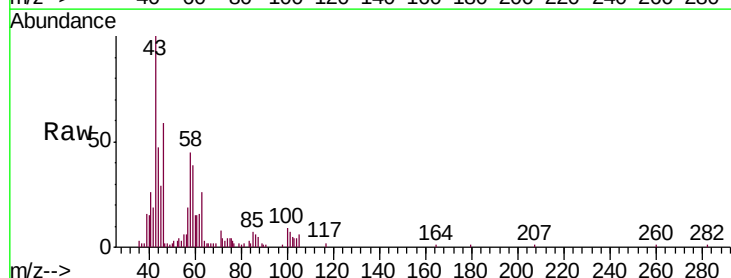
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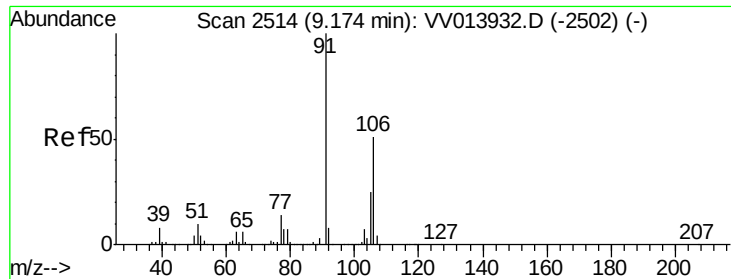
Tgt Ion: 83 Resp: 14667
Ion Ratio Lower Upper
83 100
85 70.2 45.7 84.9



#48
2-Hexanone
Concen: 4.149 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. 0.01 min
Lab File: VV013938.D
Acq: 06 Dec 2019 13:23

Tgt Ion: 43 Resp: 19875
Ion Ratio Lower Upper
43 100
58 22.9 48.4 72.6#
57 0.0 16.6 24.8#
100 6.2 11.9 17.9#

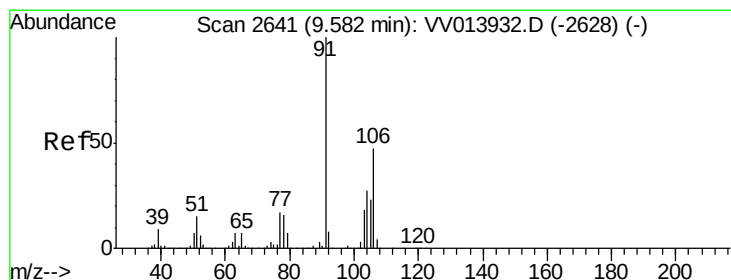
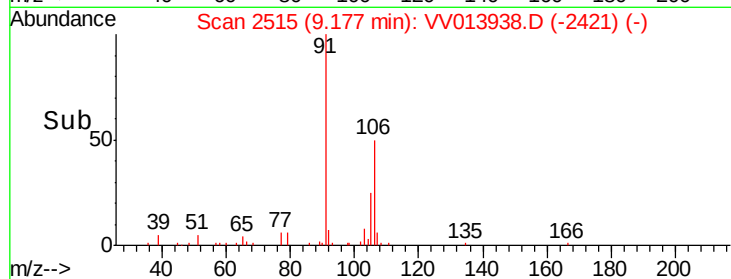
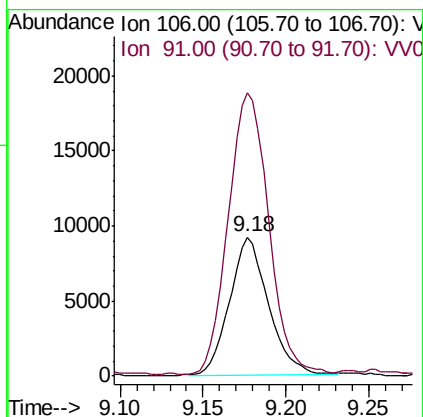
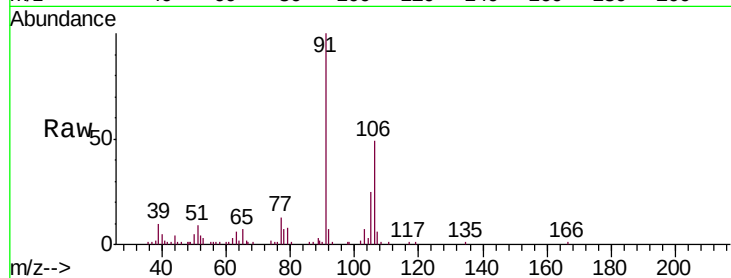




#53
m,p-Xylene
Concen: 1.808 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. 0.00 min
Lab File: VV013938.D
Acq: 06 Dec 2019 13:23

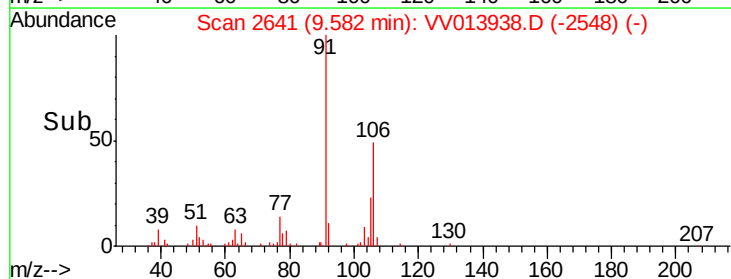
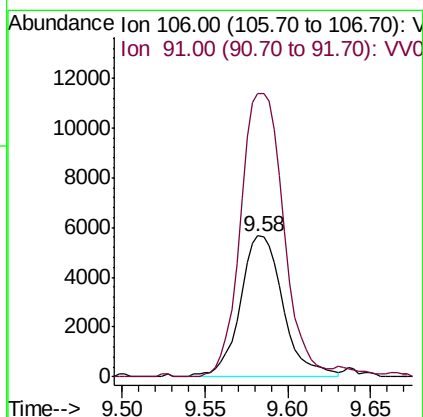
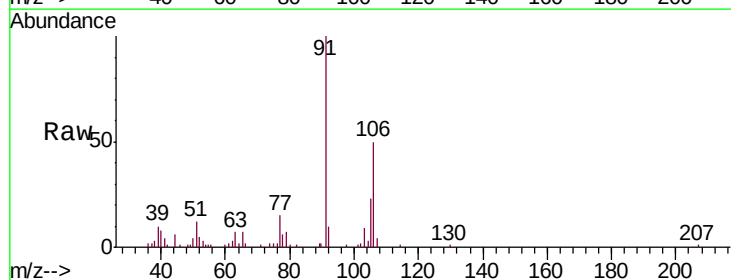
Instrument :
MSVOA_V
ClientSampled :
BE895

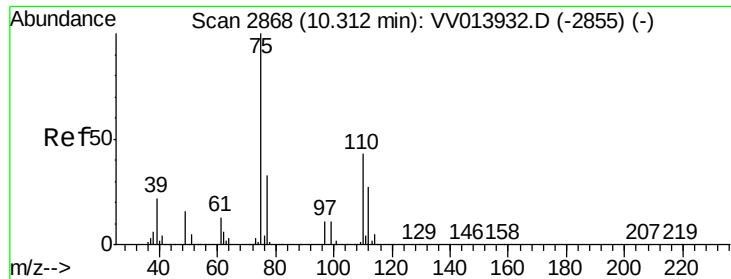
Tgt Ion:106 Resp: 15132
Ion Ratio Lower Upper
106 100
91 203.1 139.4 259.0



#54
o-xylene
Concen: 1.249 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. 0.00 min
Lab File: VV013938.D
Acq: 06 Dec 2019 13:23

Tgt Ion:106 Resp: 10218
Ion Ratio Lower Upper
106 100
91 200.7 147.1 273.1





#59

1,2,3-Trichloropropane

Concen: 3.484 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.98 min

Lab File: VV013938.D

Acq: 06 Dec 2019 13:23

Instrument :

MSVOA_V

ClientSampleId :

BE895

Tgt Ion: 75 Resp: 21710

Ion Ratio Lower Upper

75 100

77 36.0 25.8 38.8

