

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021120\
 Data File : VV014558.D
 Acq On : 11 Feb 2020 16:54
 Operator : SY/MD
 Sample : L1489-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 12 03:19:06 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	301874	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	284624	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	140356	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56111	33.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.94%
7) Chloroethane-d5	1.59	69	42658	40.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.84%
11) 1,1-Dichloroethene-d2	2.13	63	74442	33.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.52%
21) 2-Butanone-d5	3.92	46	114634	101.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.62%
24) Chloroform-d	4.40	84	177049	49.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.08	65	113639	53.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.34%
32) Benzene-d6	5.10	84	366162	48.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.72%
36) 1,2-Dichloropropane-d6	6.11	67	112440	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.84%
41) Toluene-d8	7.36	98	344064	49.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.46%
43) trans-1,3-Dichloropropene-	7.66	79	59028	48.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.96%
47) 2-Hexanone-d5	8.13	63	92696	99.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.92%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	155751	50.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.96%
64) 1,2-Dichlorobenzene-d4	11.67	152	136799	52.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.84%

Target Compounds

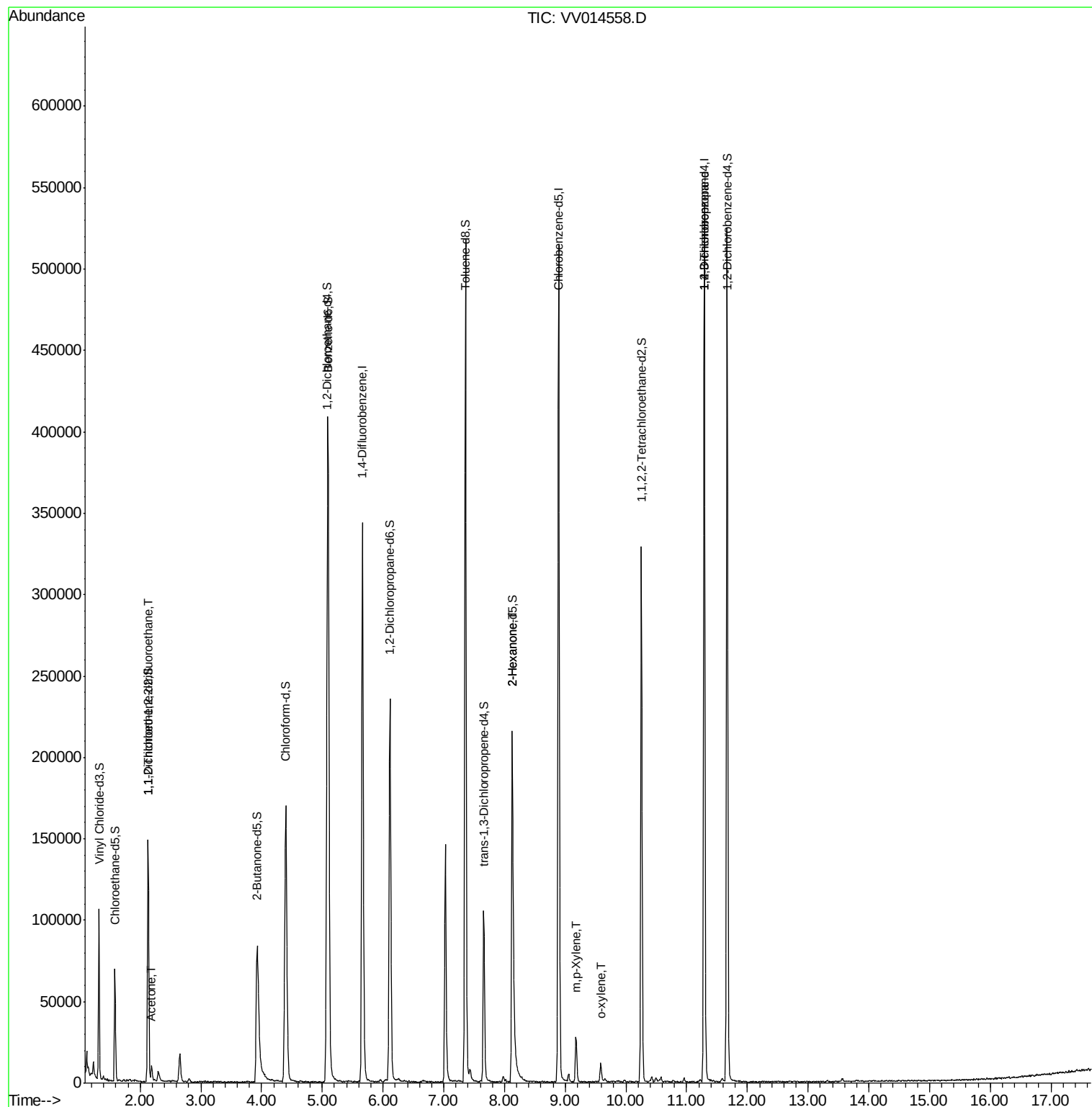
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	892	0.780	ug/L #	19
13) Acetone	2.19	43	8160	8.478	ug/L	94
48) 2-Hexanone	8.13	43	10798	5.440	ug/L #	71
53) m,p-Xylene	9.18	106	8741	2.372	ug/L	92
54) o-xylene	9.59	106	3206	0.878	ug/L	84
59) 1,2,3-Trichloropropane	11.29	75	15772	6.359	ug/L	91

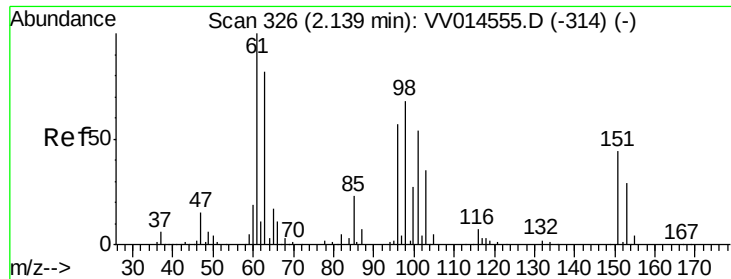
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.780 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014558.D

Acq: 11 Feb 2020 16:54

Instrument :

MSVOA_V

ClientSampleId :

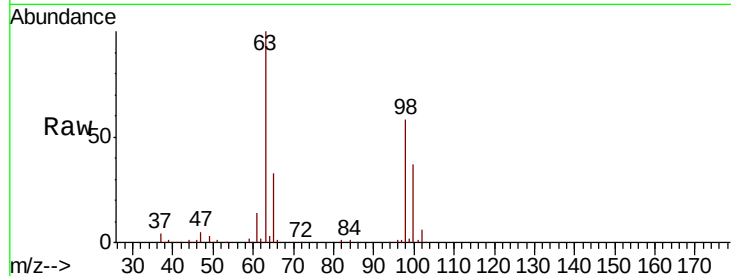
Tot Ion:101 Resp: 892

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

2.13

600

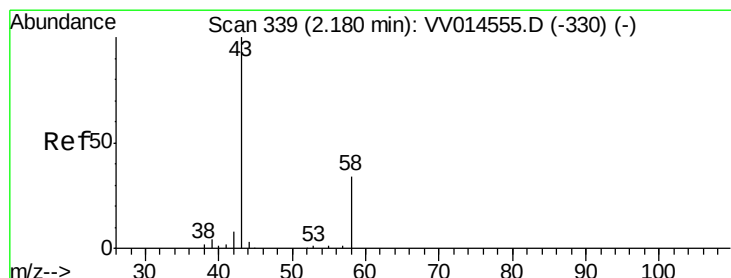
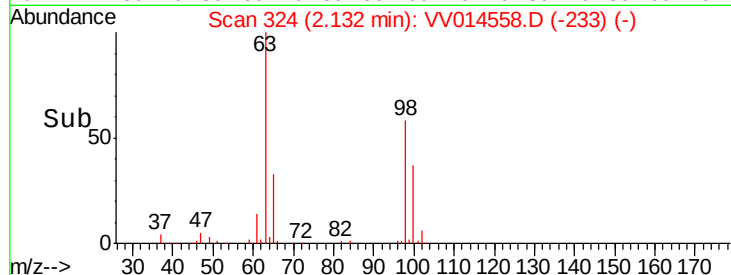
400

200

0

2.10 2.12 2.14 2.16

Time-->



#13

Acetone

Concen: 8.478 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.01 min

Lab File: VV014558.D

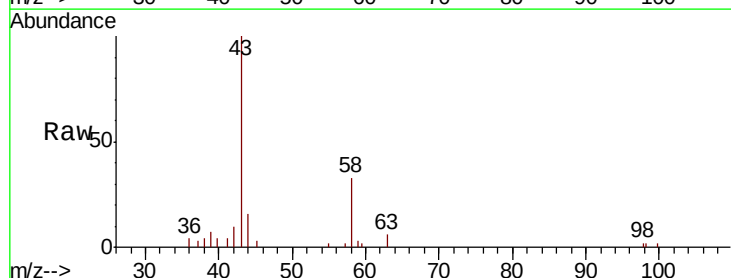
Acq: 11 Feb 2020 16:54

Tgt Ion: 43 Resp: 8160

Ion Ratio Lower Upper

43 100

58 33.8 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

6000

5000

4000

3000

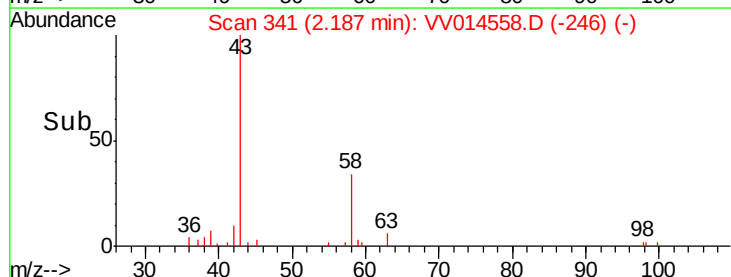
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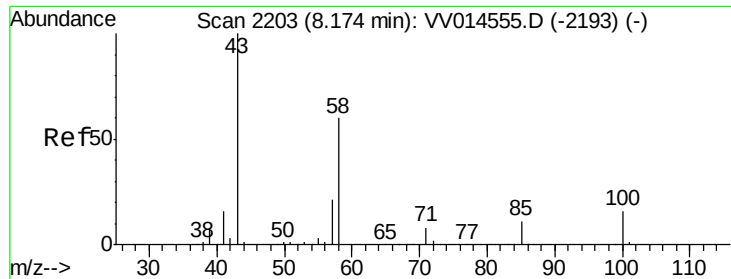
1000

0

2.15 2.20 2.25

Time-->

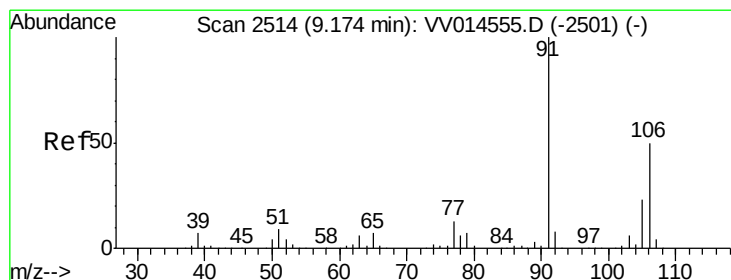
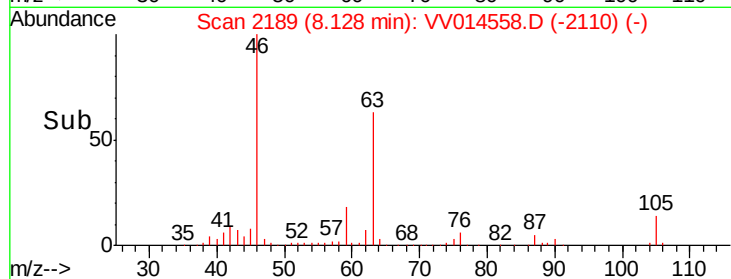
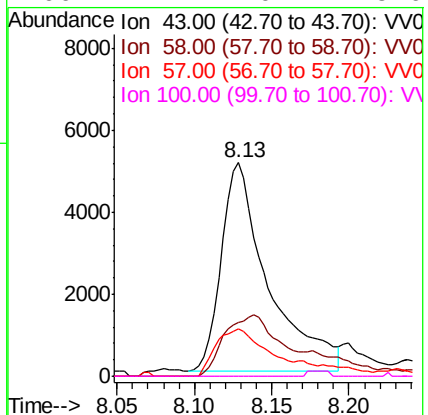
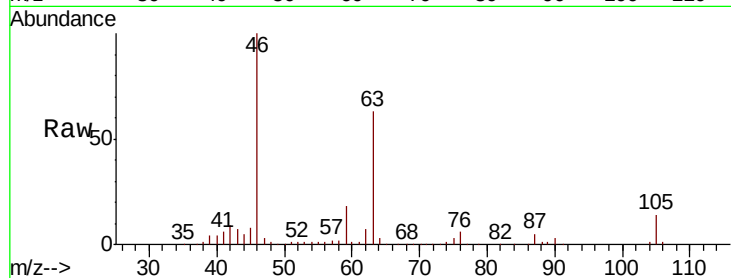




#48
2-Hexanone
Concen: 5.440 ug/L
RT: 8.13 min Scan# 2189
Delta R.T. -0.05 min
Lab File: VV014558.D
Acq: 11 Feb 2020 16:54

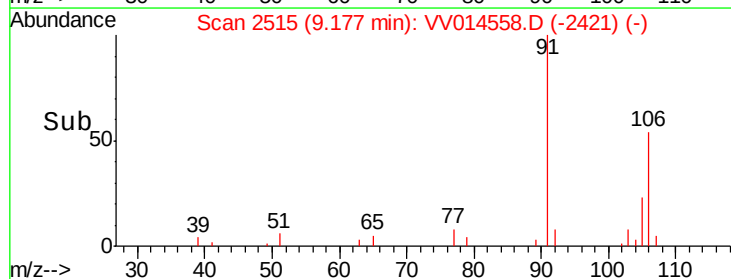
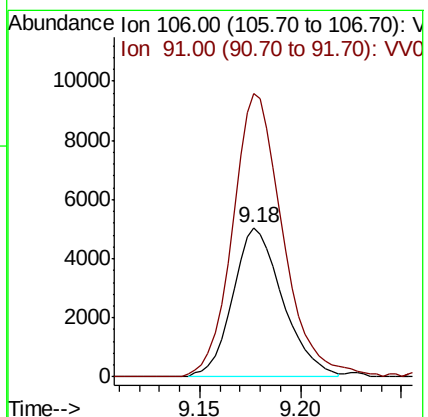
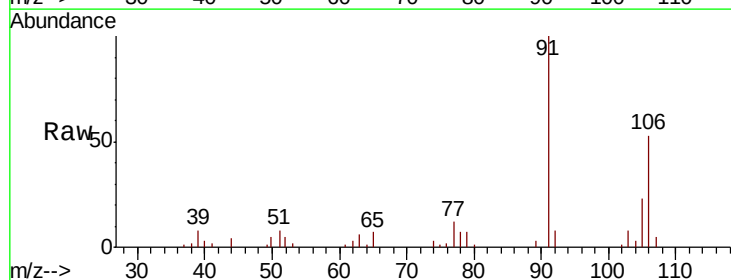
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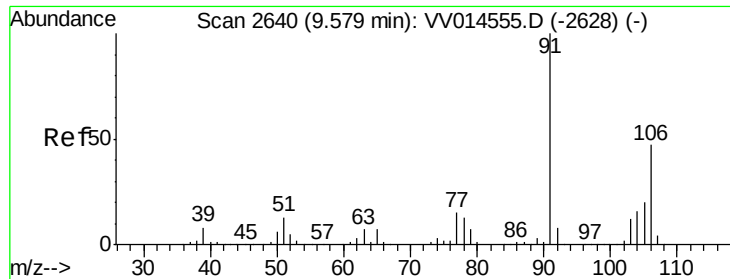
Tot Ion	Ion	Ratio	Lower	Upper
43	100			
58	34.5	48.0	72.0	#
57	24.4	15.0	22.6	#
100	1.1	10.4	15.6	#



#53
m,p-Xylene
Concen: 2.372 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. 0.00 min
Lab File: VV014558.D
Acq: 11 Feb 2020 16:54

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	189.7	140.9	261.7	

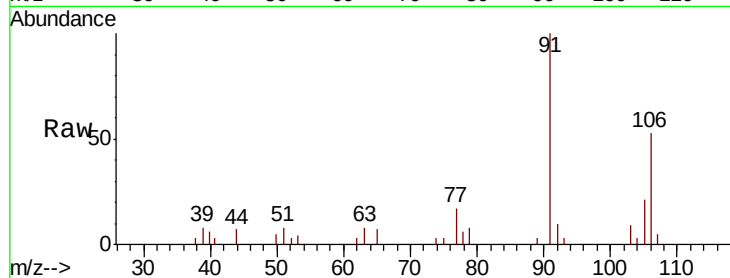




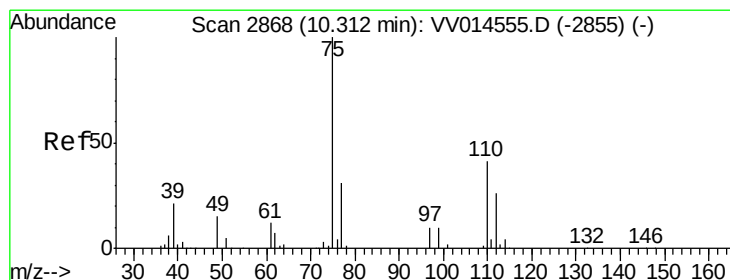
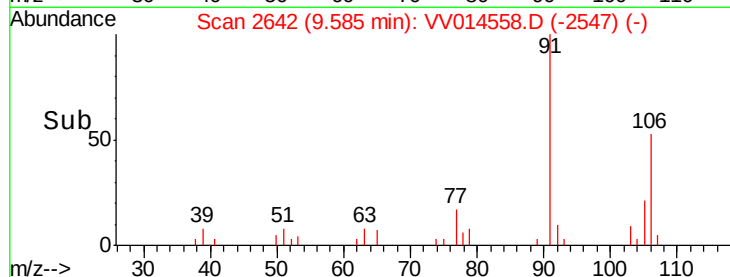
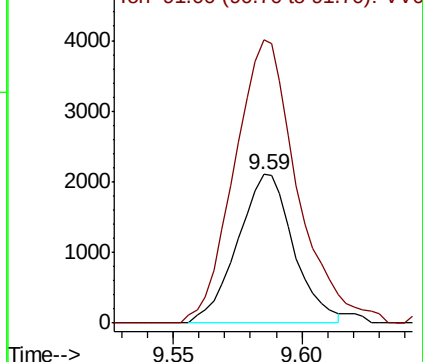
#54
o-xylene
Concen: 0.878 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.01 min
Lab File: VV014558.D
Acq: 11 Feb 2020 16:54

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:106 Resp: 3206
Ion Ratio Lower Upper
106 100
91 190.1 150.4 279.2

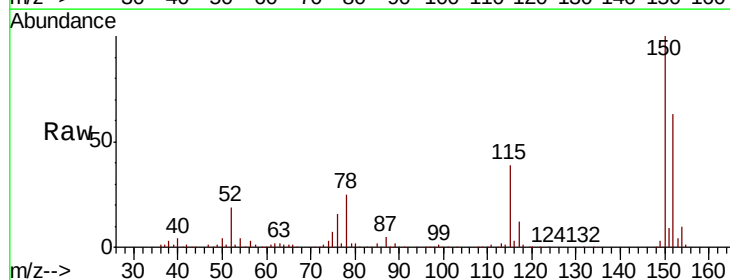


Abundance Ion 106.00 (105.70 to 106.70): VV014558.D (-2642) (-)
Ion 91.00 (90.70 to 91.70): VV014558.D (-2642) (-)



#59
1,2,3-Trichloropropane
Concen: 6.359 ug/L
RT: 11.29 min Scan# 3172
Delta R.T. 0.98 min
Lab File: VV014558.D
Acq: 11 Feb 2020 16:54

Tgt Ion: 75 Resp: 15772
Ion Ratio Lower Upper
75 100
77 37.6 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VV014558.D (-2868) (-)
Ion 77.00 (76.70 to 77.70): VV014558.D (-2868) (-)

