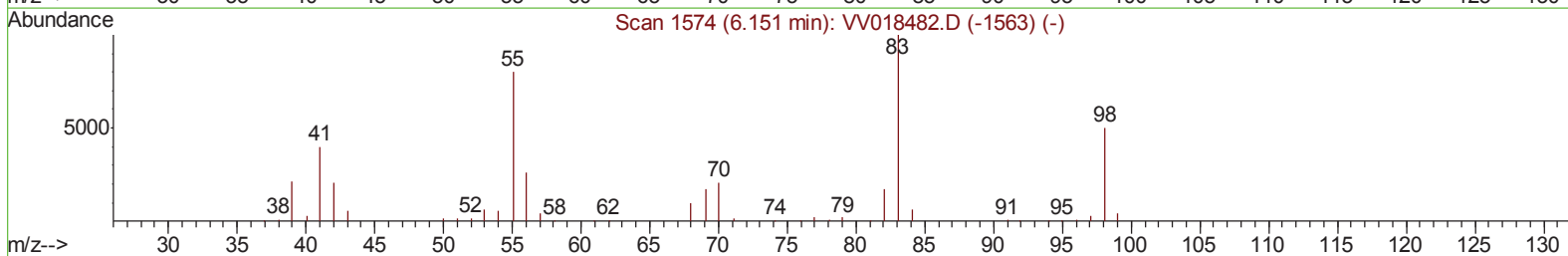
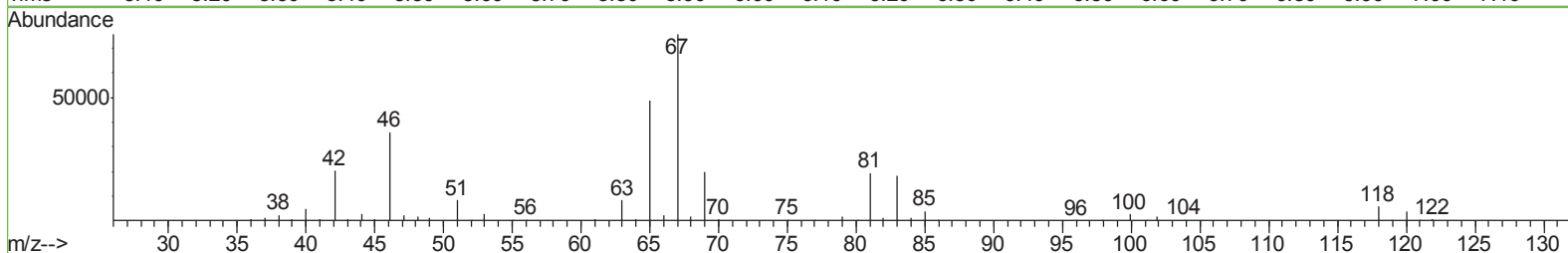
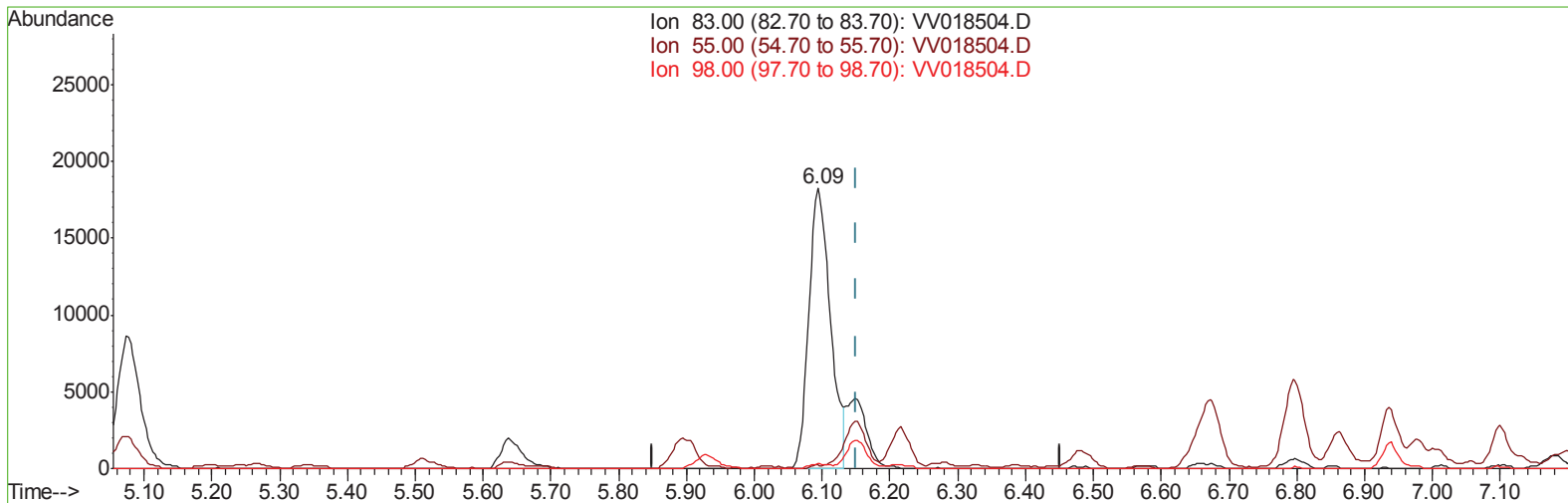


Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092820\
Data File : VV018504.D
Acq On : 28 Sep 2020 19:28
Operator : SY/MD
Sample : L4109-15
Misc : 5.87α/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Manual Integrations
APPROVED

Quant Time: Sep 29 00:53:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 29 00:50:40 2020
Response via : Initial Calibration



TIC: VV018504.D

(35) Methylcyclohexane (T)

6.093min (-0.058) 10.79ug/L

response 40366

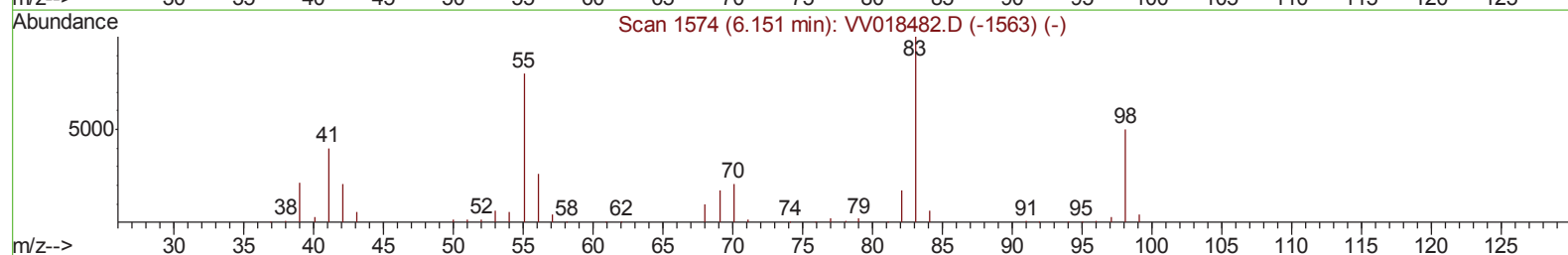
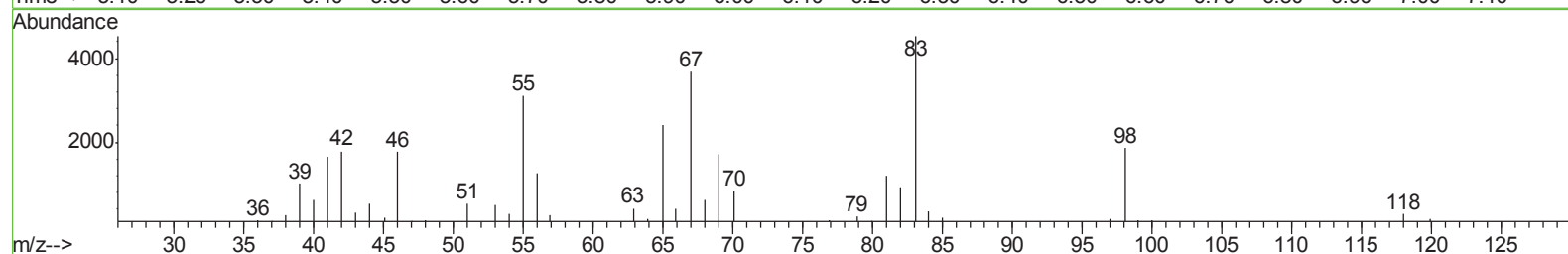
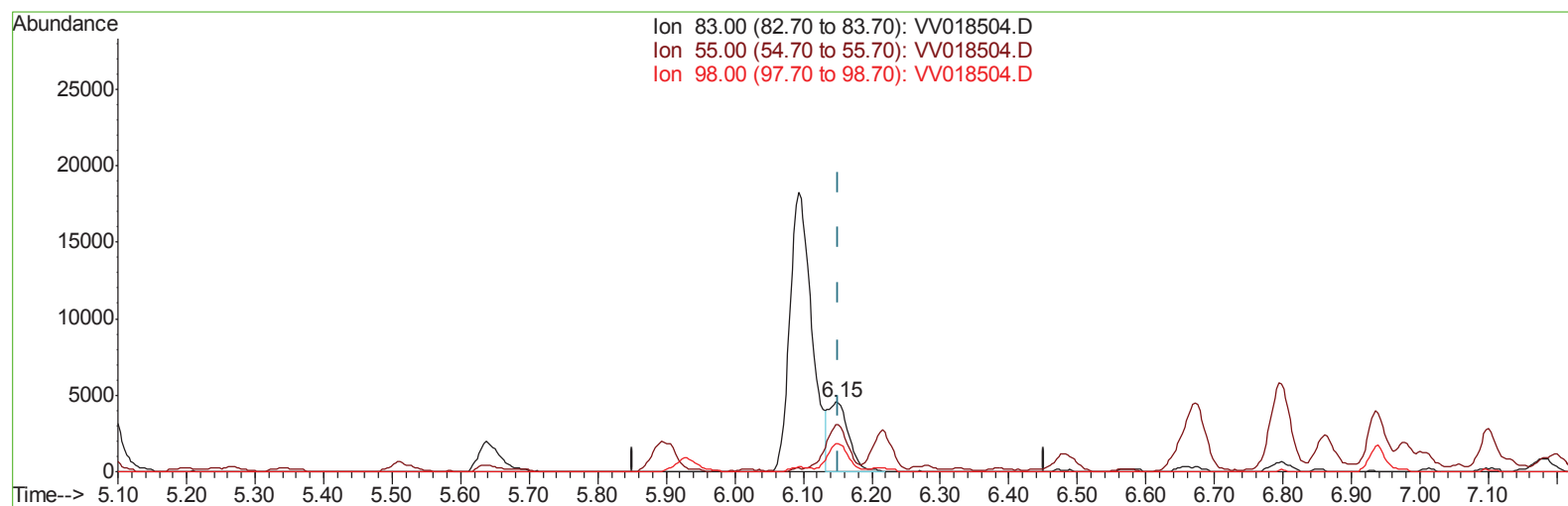
Ion	Exp%	Act%
83.00	100	100
55.00	79.30	0.51#
98.00	48.50	1.54#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092820\
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Instrument :
MSVOA_V
ClientSampleId :

Manual Integrations
APPROVED

Quant Time: Sep 29 00:53:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 29 00:50:40 2020
Response via : Initial Calibration



TIC: VV018504.D

(35) Methylcyclohexane (T)

6.148min (-0.003) 2.53ug/L m

response 9458

Ion	Exp%	Act%
83.00	100	100
55.00	79.30	2.18#
98.00	48.50	6.59#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092820\
 Data File : VV018504.D
 Acq On : 28 Sep 2020 19:28
 Operator : SY/MD
 Sample : L4109-15
 Misc : 5.87g/10.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Manual Integrations
 APPROVED

Quant Time: Sep 29 03:52:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 29 00:50:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.64	114	321973	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	319079	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	167587	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	132187	50.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.76%
7) Chloroethane-d5	1.58	69	108873	50.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.42%
11) 1,1-Dichloroethene-d2	2.10	63	176901	36.75	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.50%
21) 2-Butanone-d5	3.94	46	198572	123.64	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.64%
24) Chloroform-d	4.37	84	259714	57.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.10%
26) 1,2-Dichloroethane-d4	5.06	65	174556	59.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.62%
32) Benzene-d6	5.07	84	538443m	58.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.90%
36) 1,2-Dichloropropane-d6	6.09	67	176703	60.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	121.76%#
41) Toluene-d8	7.34	98	502974	60.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	120.84%#
43) trans-1,3-Dichloropropene-	7.65	79	88092	59.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	119.46%
47) 2-Hexanone-d5	8.15	63	158559	144.23	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	144.23%#
57) 1,1,2,2-Tetrachloroethane-	10.25	84	244581	67.14	ug/L	0.02
Spiked Amount	50.000	Range	65 - 120	Recovery	=	134.28%#
64) 1,2-Dichlorobenzene-d4	11.65	152	227056	65.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	131.94%#

Target Compounds

					Ovalue
19) 1,1-Dichloroethane	3.21	63	3224	0.783 ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	15020	6.449 ug/L	96
29) Cyclohexane	4.69	56	81011	21.987 ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	321746	86.887 ug/L	100
34) Trichloroethene	5.95	95	2965	1.193 ug/L	97
35) Methylcyclohexane	6.15	83	9458m	2.528 ug/L	
42) Toluene	7.41	91	7705949	798.178 ug/L	95
46) Tetrachloroethene	8.00	164	2394	1.229 ug/L	96
51) Chlorobenzene	8.91	112	9757	1.556 ug/L	96
52) Ethylbenzene	9.04	91	2430414	230.583 ug/L	99
53) m,p-Xylene	9.16	106	3999974	1016.718 ug/L	88
54) o-xylene	9.57	106	1946039	513.444 ug/L	96
56) Isopropylbenzene	9.95	105	2253322	220.593 ug/L	99
62) 1,3-Dichlorobenzene	11.21	146	3763	0.755 ug/L #	1
63) 1,4-Dichlorobenzene	11.30	146	10219	1.995 ug/L #	61
65) 1,2-Dichlorobenzene	11.67	146	85005	16.876 ug/L	94
68) 1,2,4-trichlorobenzene	13.29	180	16378	4.682 ug/L #	65

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ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Manual Integrations
APPROVED

Quant Time: Sep 29 03:52:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 29 00:50:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
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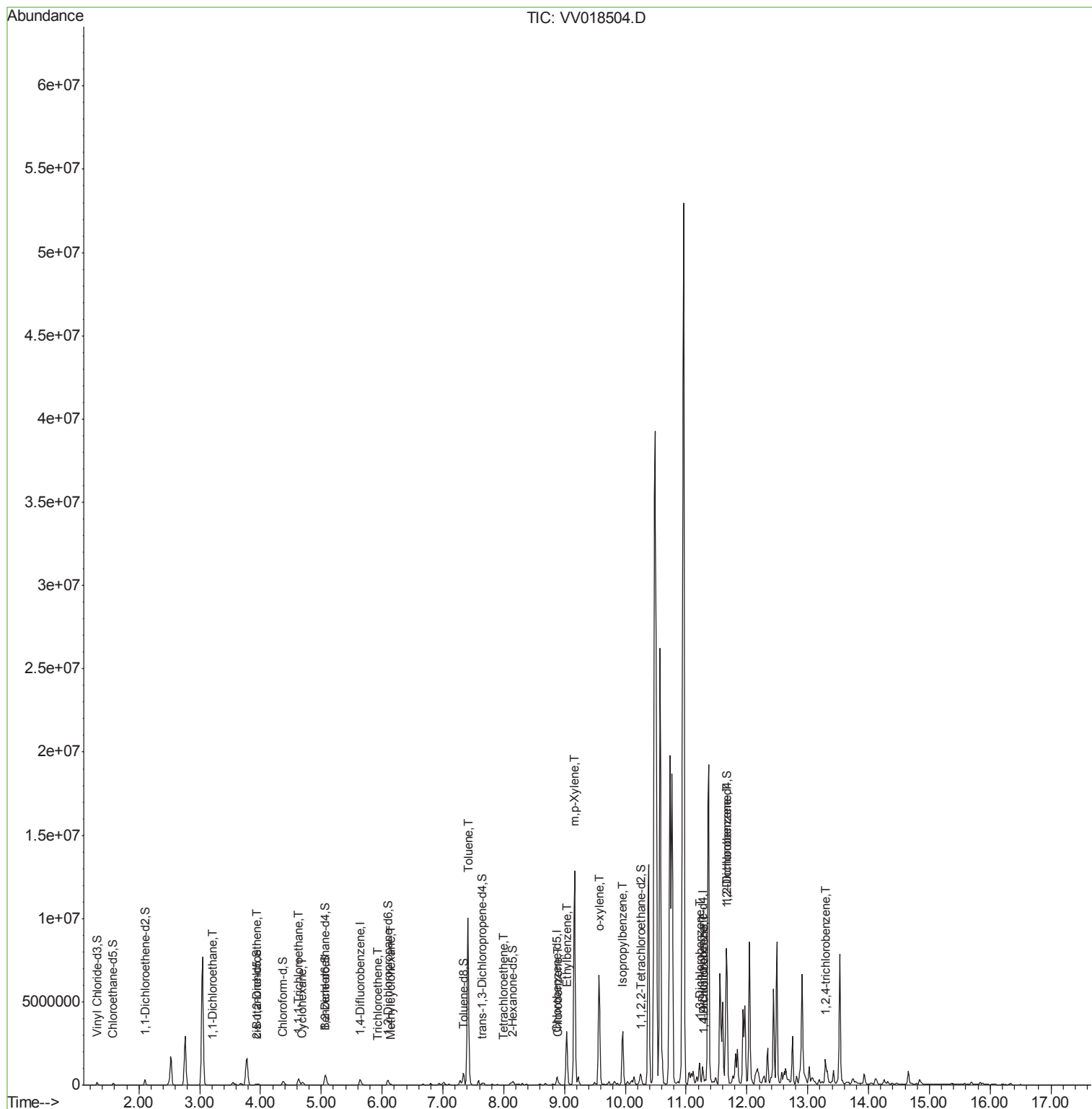
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092820\
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Manual Integrations
APPROVED

Quant Time: Sep 29 03:52:53 2020
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Quant Title : VOC Analysis
QLast Update : Tue Sep 29 00:50:40 2020
Response via : Initial Calibration

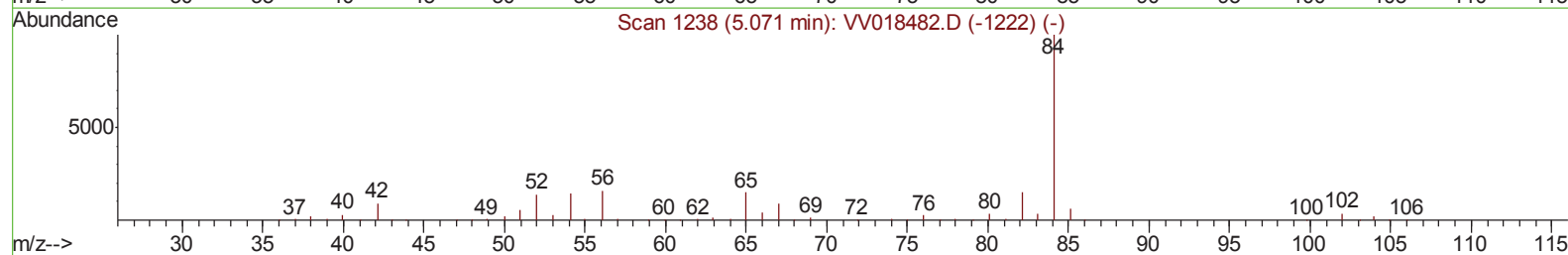
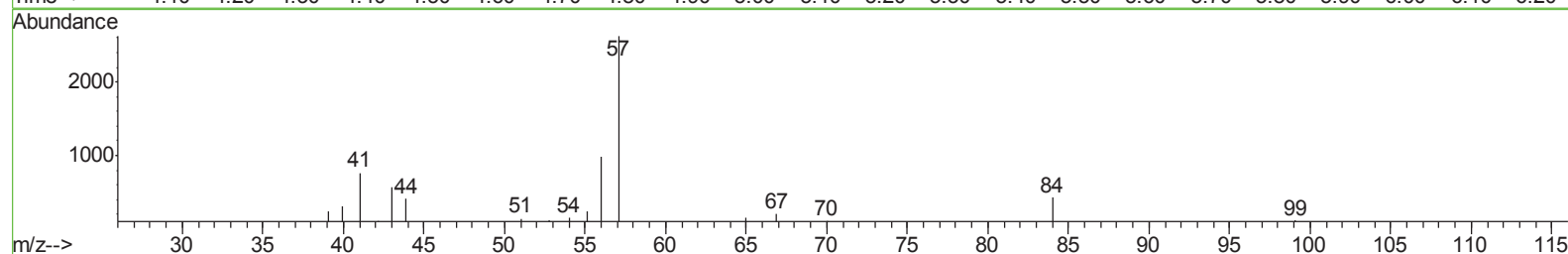
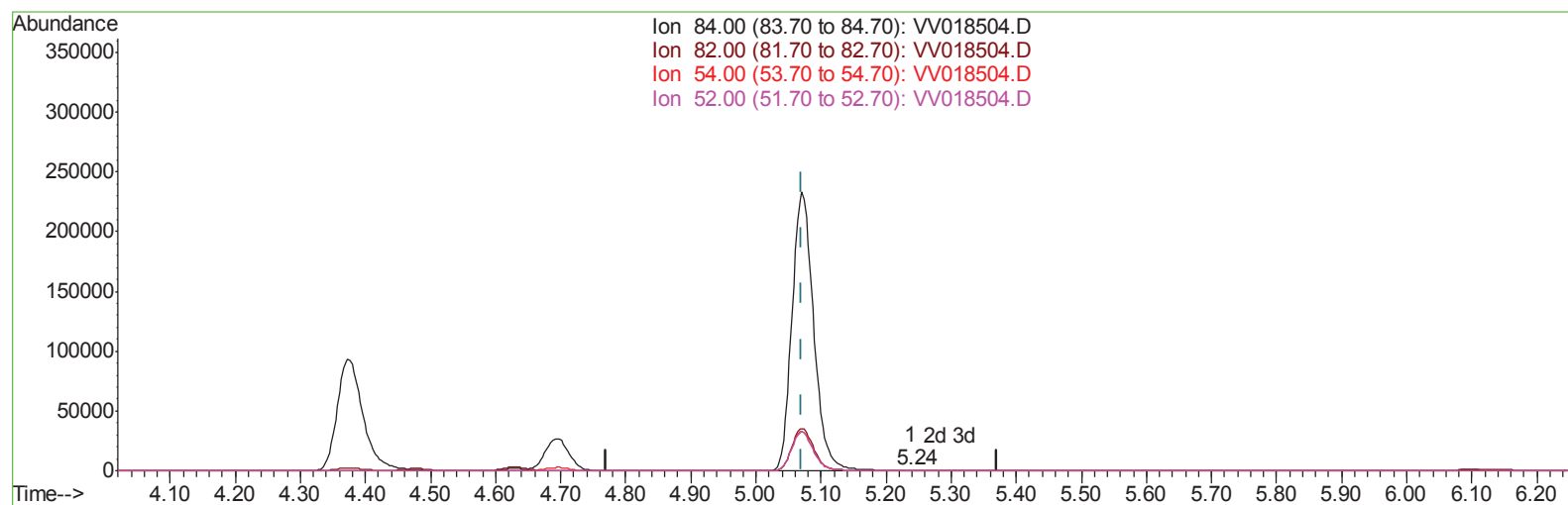


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Instrument :
MSVOA_V
ClientSampleId :

Manual Integrations
APPROVED

Quant Time: Sep 29 00:53:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 29 00:50:40 2020
Response via : Initial Calibration



TIC: VV018504.D

(32) Benzene-d6 (S)

5.238min (+0.167) 0.01ug/L

response 105

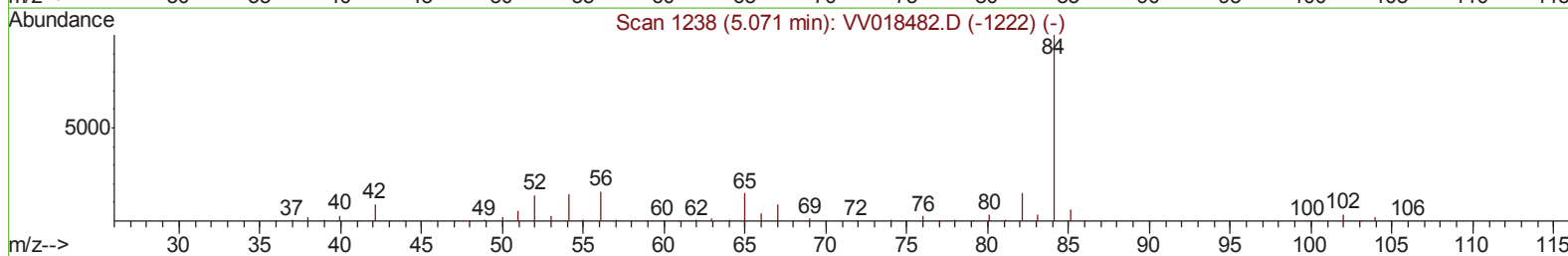
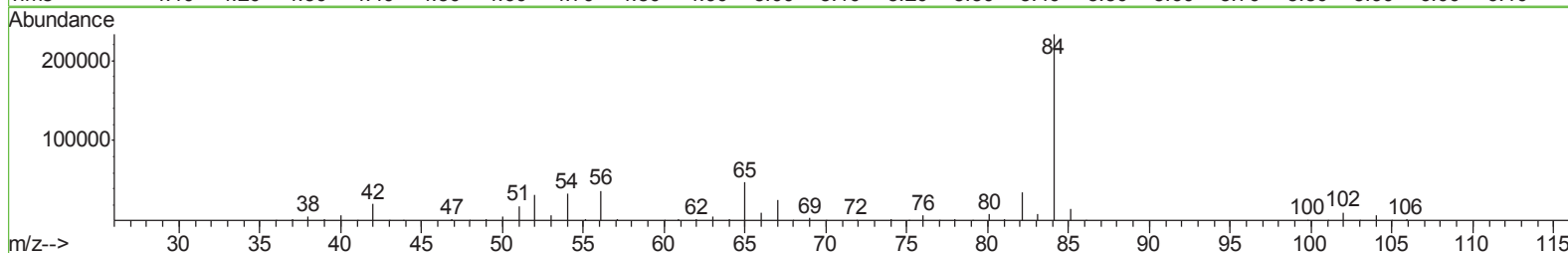
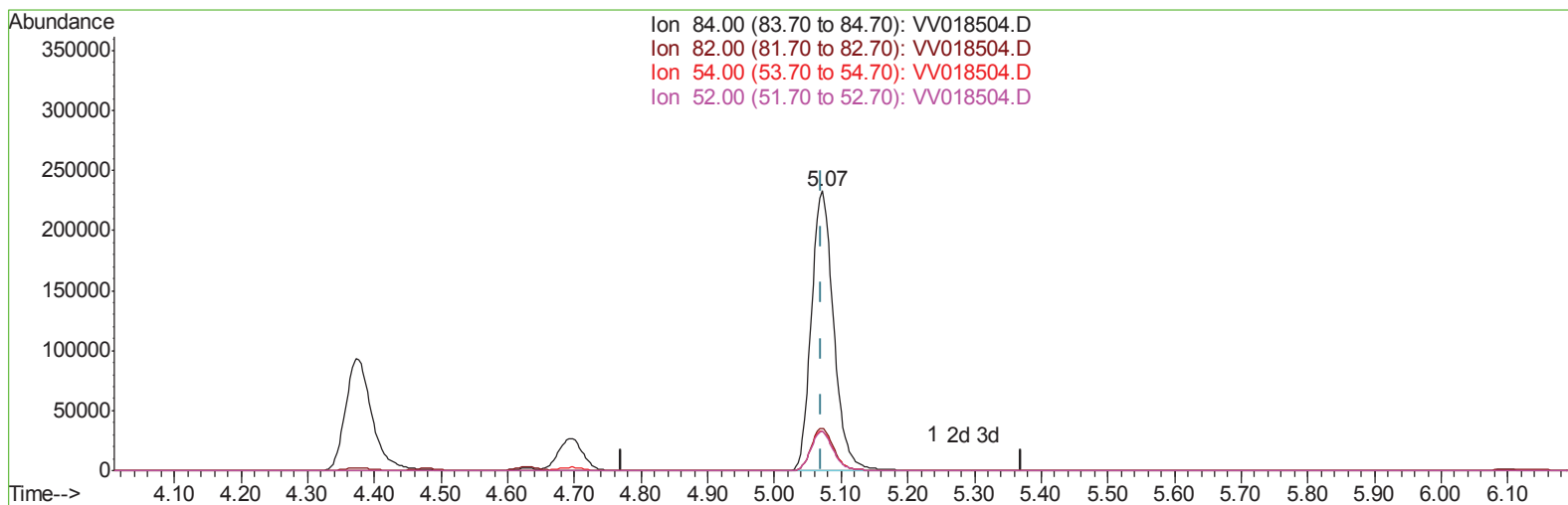
Ion	Exp%	Act%
84.00	100	100
82.00	15.40	0.00#
54.00	14.80	121.90#
52.00	14.00	0.00#

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092820\
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Instrument :
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Manual Integrations
APPROVED

Quant Time: Sep 29 00:53:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
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Response via : Initial Calibration



TIC: VV018504.D

(32) Benzene-d6 (S)

5.071min (-0.000) 58.95ug/L m

response 538443

Ion	Exp%	Act%
84.00	100	100
82.00	15.40	0.00#
54.00	14.80	0.02#
52.00	14.00	0.00#