

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
 Data File : VV018520.D
 Acq On : 29 Sep 2020 16:43
 Operator : SY/MD
 Sample : L4109-12ME
 Misc : 6.17µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3X2ME

Manual Integrations
 APPROVED

MMDadoda
 10/2/2020 11:57:36 AM

Quant Time: Sep 30 03:08:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 01:47:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	375165	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	370349	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	200442	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	93567	42.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.06%
7) Chloroethane-d5	1.58	69	72109	39.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.28%
11) 1,1-Dichloroethene-d2	2.10	63	138894	30.98	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.96%
21) 2-Butanone-d5	3.94	46	113635	69.24	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	69.24%
24) Chloroform-d	4.37	84	204012	42.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.76%
26) 1,2-Dichloroethane-d4	5.05	65	141269	46.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.54%
32) Benzene-d6	5.07	84	423295	45.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.24%
36) 1,2-Dichloropropane-d6	6.09	67	130504	46.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.08%
41) Toluene-d8	7.34	98	406714	46.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.18%
43) trans-1,3-Dichloropropene-	7.65	79	68498	44.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.48%
47) 2-Hexanone-d5	8.14	63	106483	98.91	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.91%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	173627	46.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	180434	46.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.62%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
29) Cyclohexane	4.69	56	77579	18.367	ug/L	92
30) 1,1,1-Trichloroethane	4.63	97	7733	1.682	ug/L	97
35) Methylcyclohexane	6.15	83	5755m	1.351	ug/L	
42) Toluene	7.41	91	455502	38.699	ug/L	99
46) Tetrachloroethene	8.00	164	12400	4.839	ug/L	96
52) Ethylbenzene	9.04	91	241866	18.400	ug/L	99
53) m,p-Xylene	9.16	106	396675	78.087	ug/L	100
54) o-xylene	9.57	106	165509	34.413	ug/L	98
56) Isopropylbenzene	9.96	105	320903	24.879	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	11520	1.795	ug/L #	86
68) 1,2,4-trichlorobenzene	13.29	180	105617	25.259	ug/L	97
70) 1,2,3-Trichlorobenzene	13.77	180	28979	6.904	ug/L #	92

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

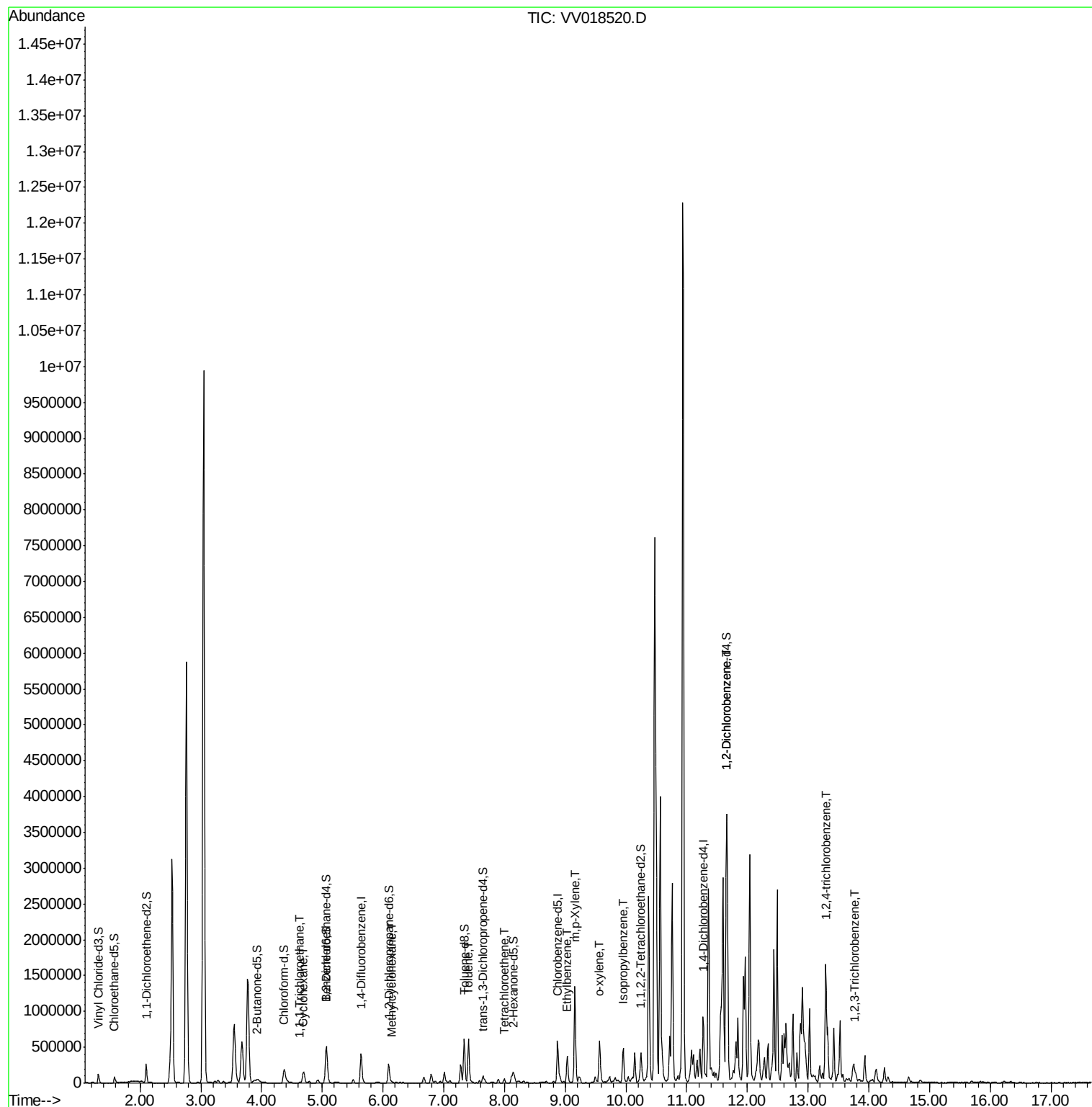
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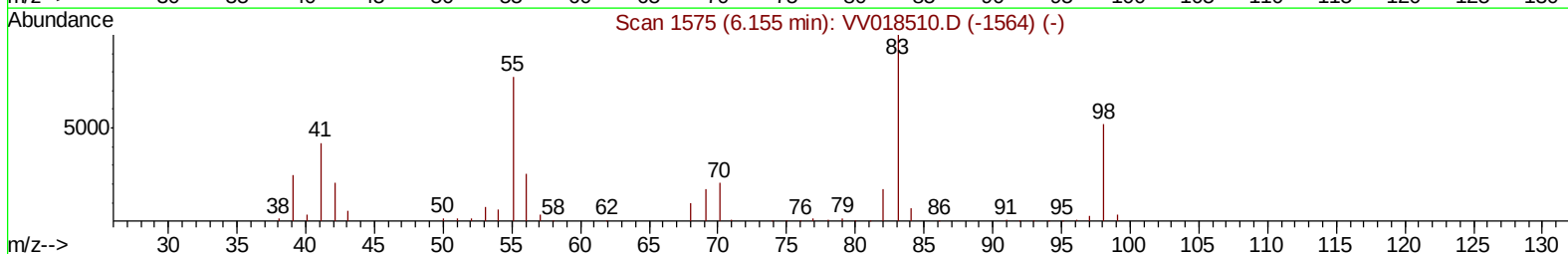
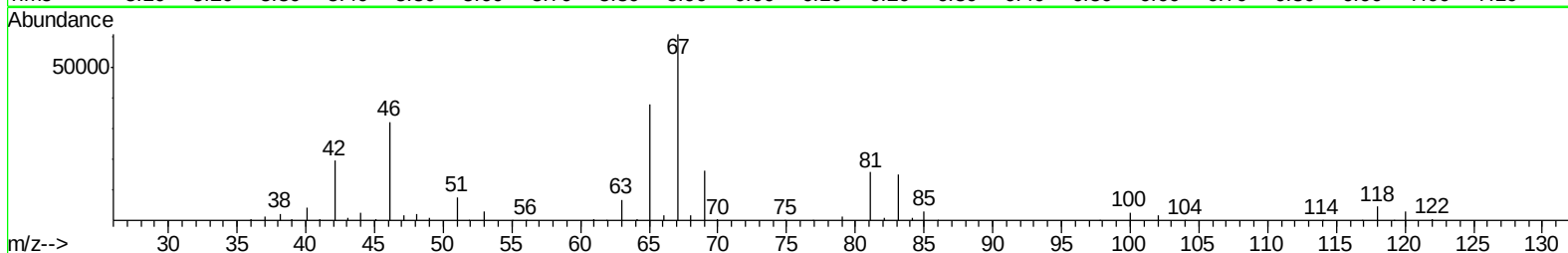
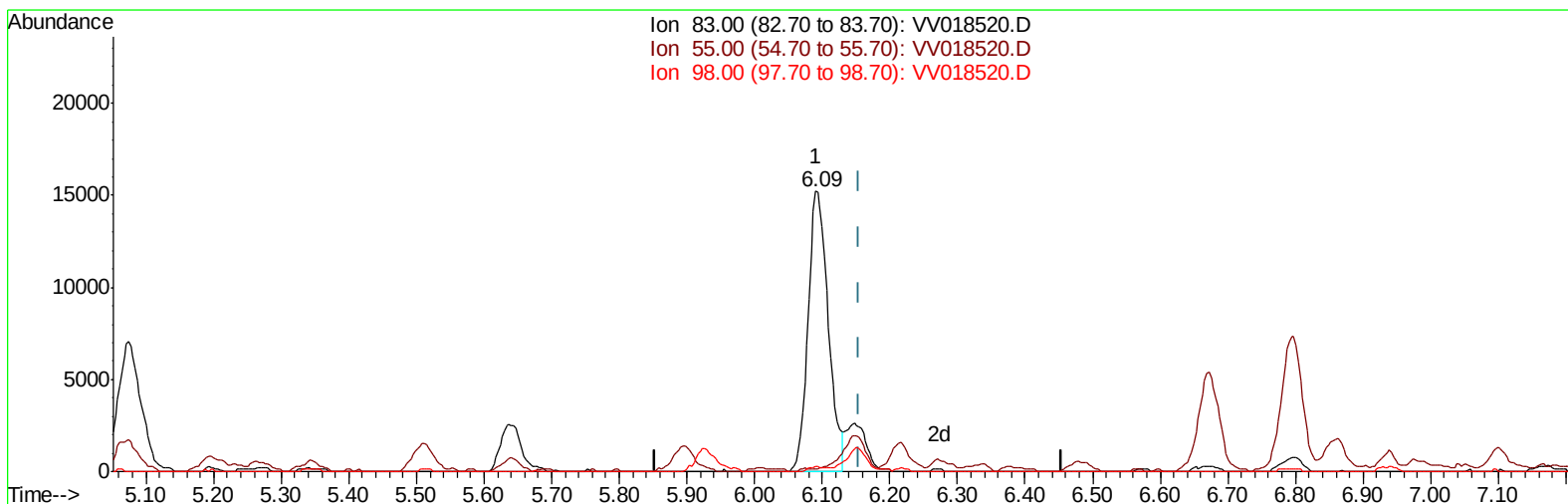
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TIC: VV018520.D

(35) Methylcyclohexane (T)

6.090min (-0.064) 7.39ug/L

response 31498

Ion	Exp%	Act%
83.00	100	100
55.00	75.10	0.49#
98.00	50.30	1.16#
0.00	0.00	0.00

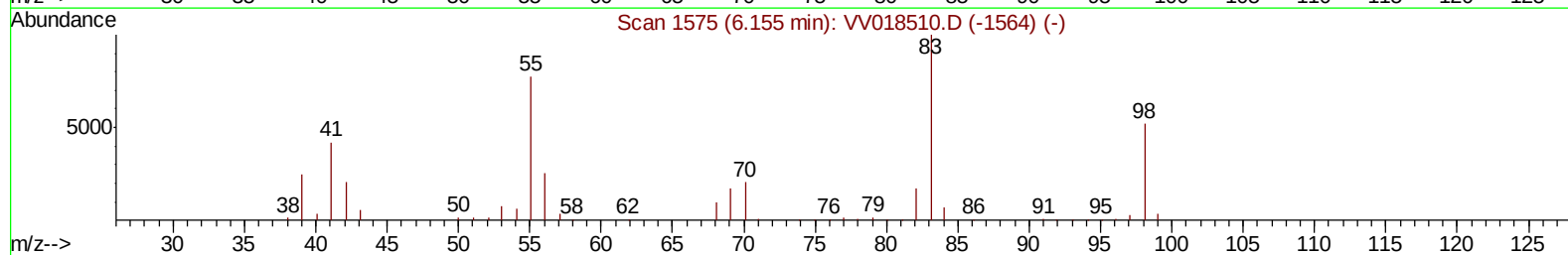
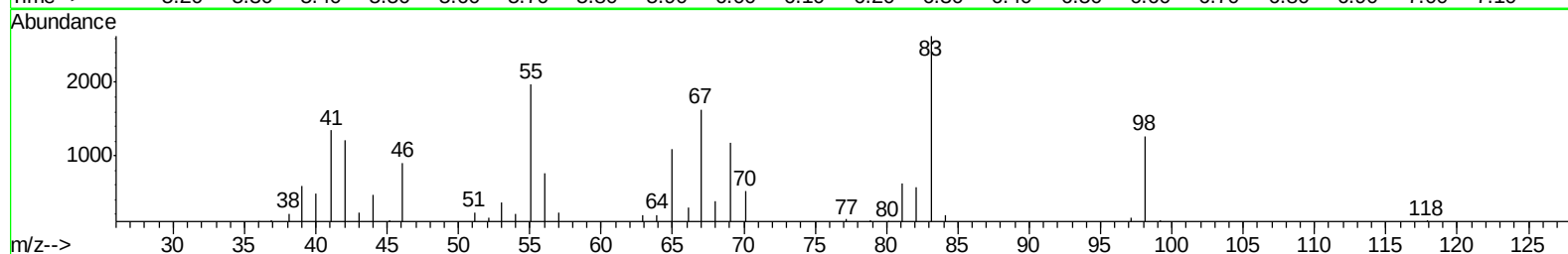
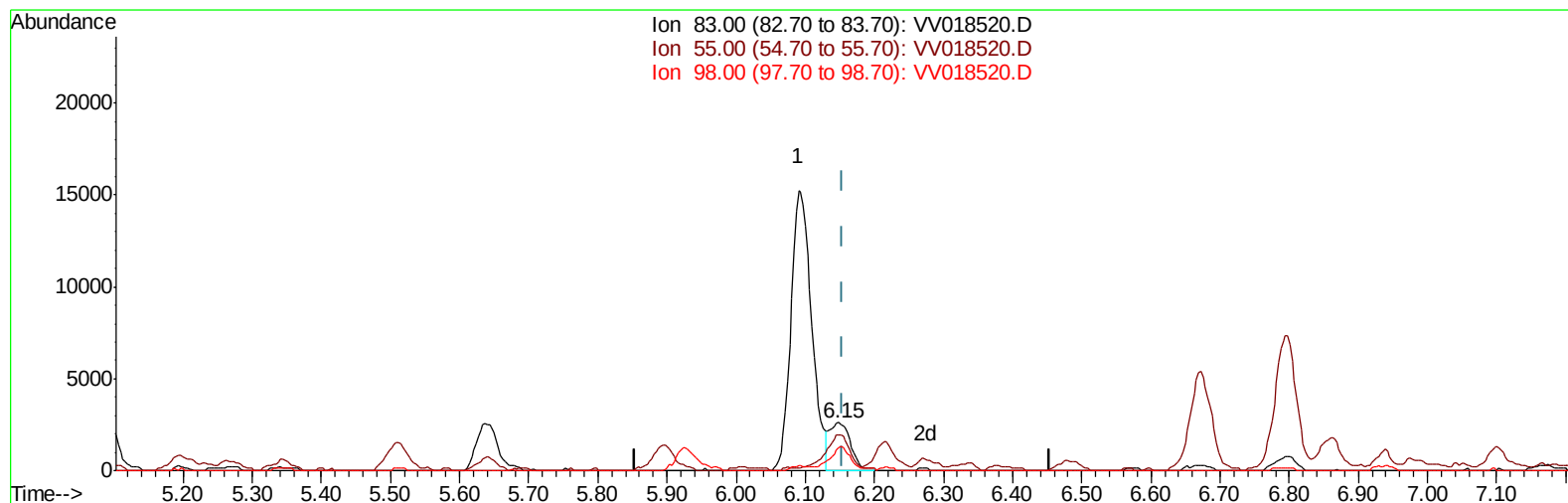
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(35) Methylcyclohexane (T)

6.148min (-0.006) 1.35ug/L m

response 5755

Ion	Exp%	Act%
83.00	100	100
55.00	75.10	2.68#
98.00	50.30	6.34#
0.00	0.00	0.00