

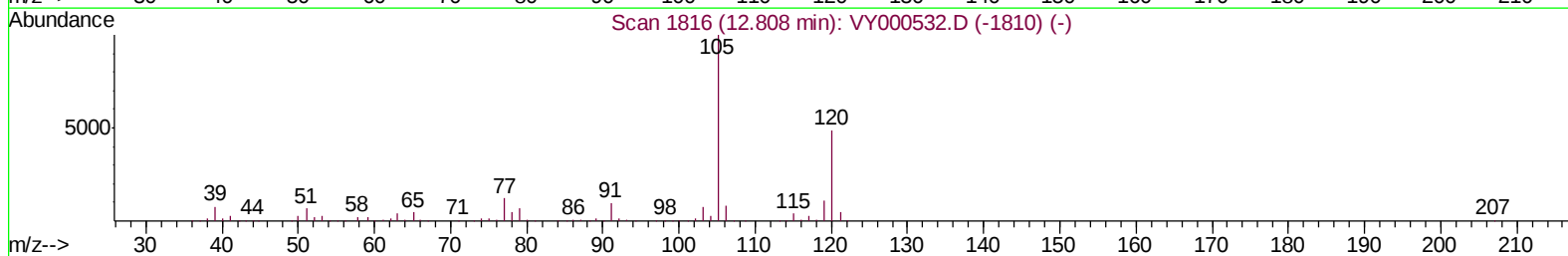
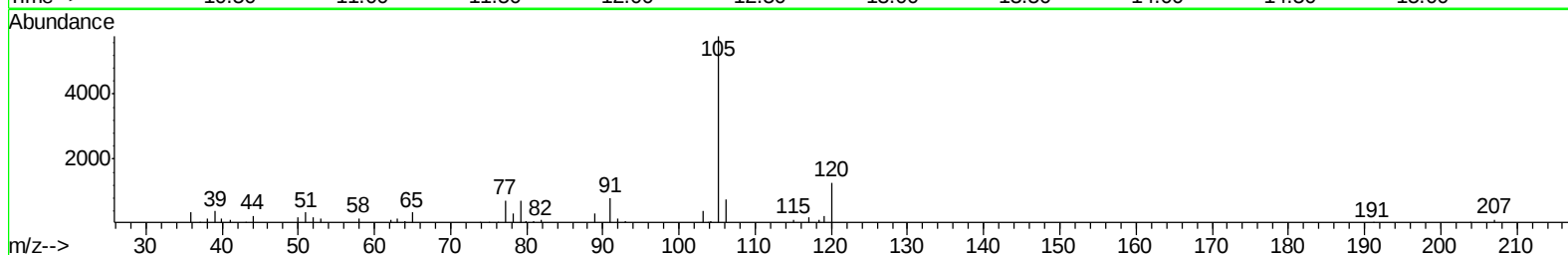
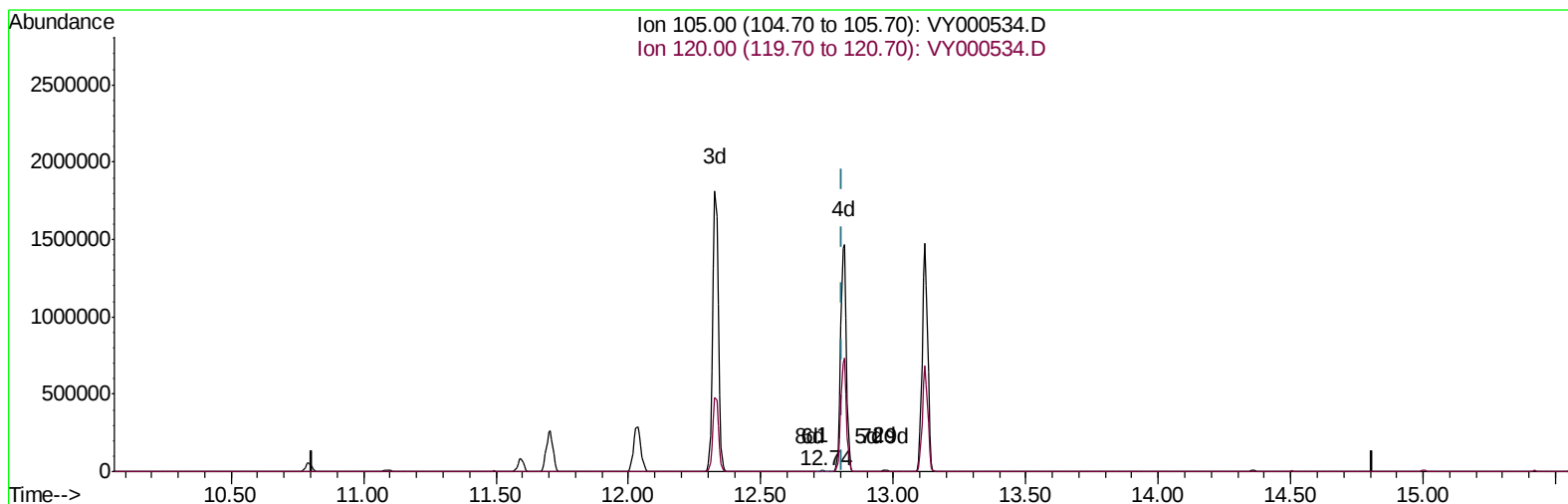
Data File : VY000534.D
Acq On : 05 Nov 2019 11:11
Operator : SY/MD
Sample : VSTD10081
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTD100811

Manual Integrations
APPROVED

MMDadoda
11/7/2019 9:58:06 AM

Quant Time: Nov 06 04:22:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL110519SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 06 04:18:18 2019
Response via : Initial Calibration



TIC: VY000534.D

(62) 1,3,5-Trimethylbenzene

12.735min (-0.073) 0.29ug/L

response 7632

Ion	Exp%	Act%
105.00	100	100
120.00	32.40	32.73
0.00	0.00	0.00
0.00	0.00	0.00

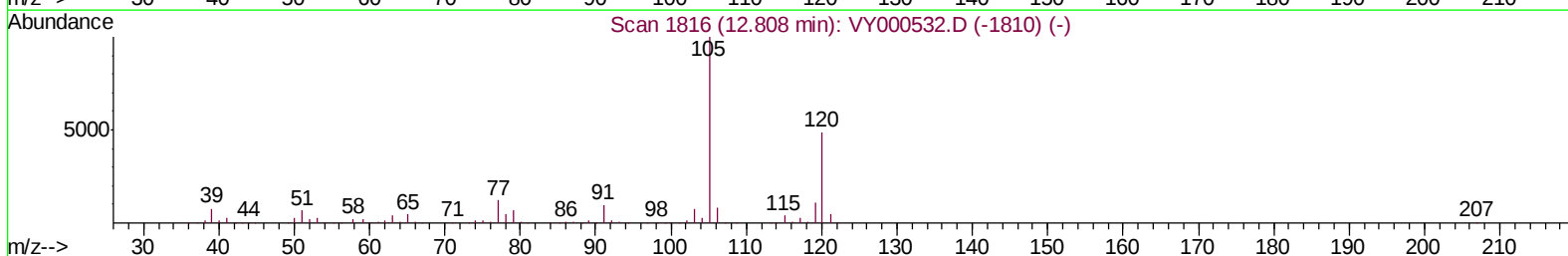
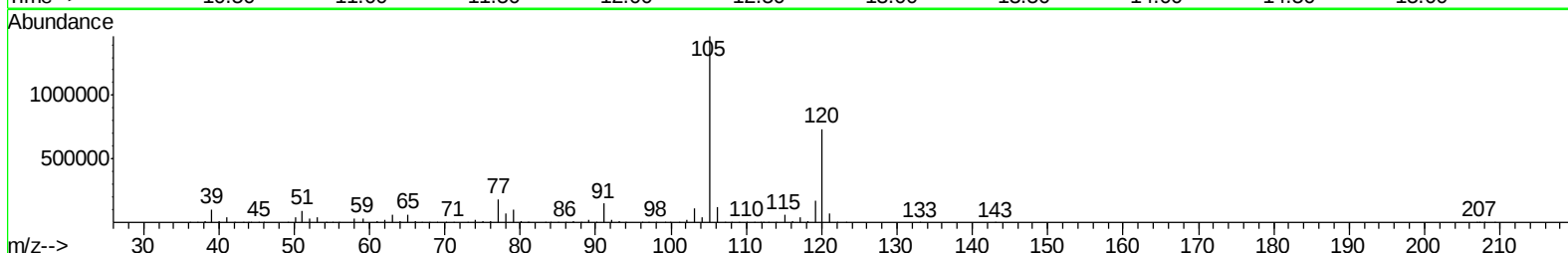
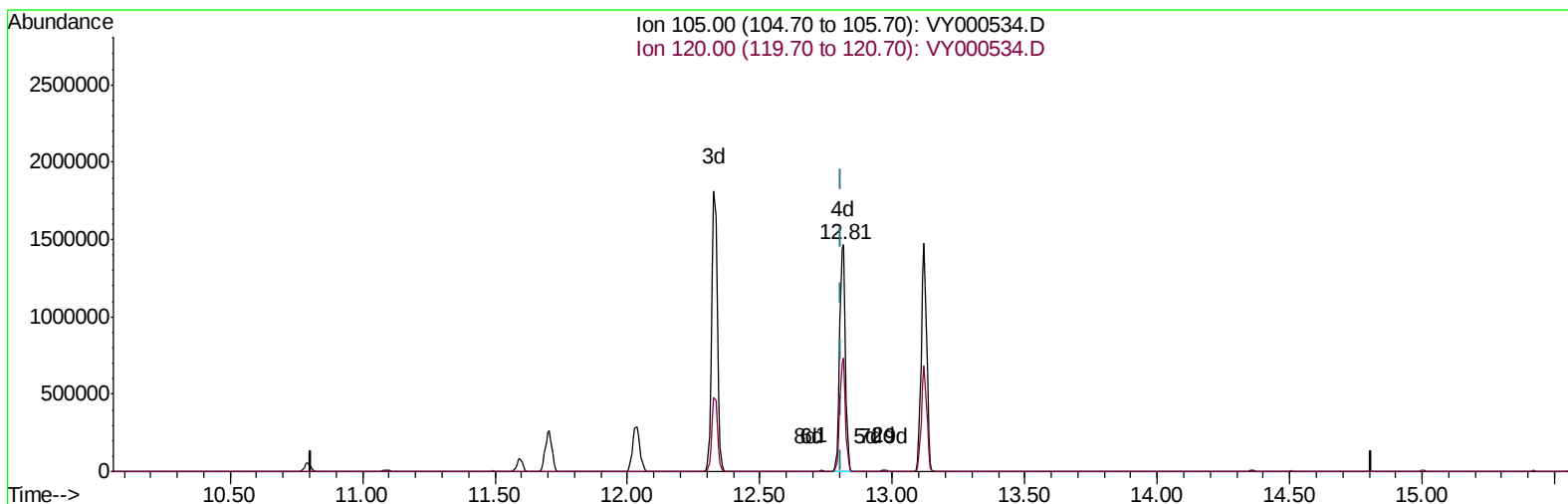
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TIC: VY000534.D

(62) 1,3,5-Trimethylbenzene

12.815min (+0.006) 83.16ug/L m

response 2204806

Ion	Exp%	Act%
105.00	100	100
120.00	32.40	0.11#
0.00	0.00	0.00
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	371043	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	354596	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	172097	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	580976	102.77	ug/L	0.00
7) Chloroethane-d5	2.76	69	499750	101.48	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.86	63	997303	101.67	ug/L	0.00
21) 2-Butanone-d5	6.91	46	539390	217.34	ug/L	0.00
24) Chloroform-d	7.49	84	979686	101.31	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.16	65	585361	100.28	ug/L	0.00
32) Benzene-d6	8.12	84	2029972	99.00	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.13	67	636694	101.87	ug/L	0.00
41) Toluene-d8	10.18	98	1908036	100.10	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.44	79	330830	104.90	ug/L	0.00
47) 2-Hexanone-d5	10.79	63	447746	228.91	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.56	84	716369	105.89	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.72	152	652108	97.02	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	450424	87.344	ug/L	98
3) Chloromethane	2.12	50	613382	90.584	ug/L	96
5) Vinyl chloride	2.25	62	598992	94.738	ug/L	98
6) Bromomethane	2.64	94	310440	107.251	ug/L	89
8) Chloroethane	2.79	64	371313	95.163	ug/L	98
9) Trichlorofluoromethane	3.13	101	828330	92.846	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	3.90	101	487440	94.100	ug/L	99
12) 1,1-Dichloroethene	3.88	96	460519	93.438	ug/L	98
13) Acetone	3.96	43	386394	163.186	ug/L	95
14) Carbon disulfide	4.19	76	1540288	98.547	ug/L	100
15) Methyl Acetate	4.49	43	421383	99.842	ug/L	99
16) Methylene chloride	4.72	84	526105	86.952	ug/L	97
17) trans-1,2-Dichloroethene	5.23	96	524503	95.765	ug/L	92
18) Methyl tert-butyl Ether	5.23	73	1548868	99.240	ug/L	99
19) 1,1-Dichloroethane	6.03	63	924206	96.269	ug/L	98
20) cis-1,2-Dichloroethene	7.00	96	588676	96.005	ug/L	93
22) 2-Butanone	7.00	43	665661	183.488	ug/L	97
23) Bromochloromethane	7.35	128	260450	94.485	ug/L	93
25) Chloroform	7.52	83	952297	96.047	ug/L	97
27) 1,2-Dichloroethane	8.25	62	690948	97.559	ug/L	100
29) Cyclohexane	7.80	56	933490	96.375	ug/L	99
30) 1,1,1-Trichloroethane	7.71	97	817428	95.566	ug/L	99
31) Carbon tetrachloride	7.91	117	734665	93.139	ug/L	100
33) Benzene	8.17	78	2191173	94.087	ug/L	100
34) Trichloroethene	8.95	95	565062	91.941	ug/L	97
35) Methylcyclohexane	9.19	83	1008508	95.531	ug/L	99
37) 1,2-Dichloropropane	9.22	63	555255	93.453	ug/L	99
38) Bromodichloromethane	9.50	83	740116	97.907	ug/L	99
39) cis-1,3-Dichloropropene	9.93	75	947720	99.544	ug/L	98
40) 4-Methyl-2-pentanone	10.08	43	1289917	197.012	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.25	91	2416217	97.152	ug/L	100
44) trans-1,3-Dichloropropene	10.47	75	844813	100.410	ug/L	100
45) 1,1,2-Trichloroethane	10.65	97	481497	95.463	ug/L	96
46) Tetrachloroethene	10.72	164	425989	90.799	ug/L	97
48) 2-Hexanone	10.83	43	1017614	198.816	ug/L	99
49) Dibromochloromethane	10.99	129	563165	99.090	ug/L	100
50) 1,2-Dibromoethane	11.09	107	490902	96.234	ug/L #	94
51) Chlorobenzene	11.52	112	1513431	95.269	ug/L	99
52) Ethylbenzene	11.60	91	2776227	97.851	ug/L	100
53) m,p-Xylene	11.70	106	1073247	98.718	ug/L	99
54) o-Xylene	12.03	106	1035357	98.055	ug/L	93
55) Styrene	12.05	104	1840960	103.098	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.58	83	677711	99.123	ug/L	100
59) Bromoform	12.21	173	379336	103.953	ug/L	99
60) Isopropylbenzene	12.33	105	2737139	99.913	ug/L	99
61) 1,2,3-Trichloropropane	12.63	75	534012	98.019	ug/L	97
62) 1,3,5-Trimethylbenzene	12.81	105	2204806m	83.164	ug/L	
63) 1,2,4-Trimethylbenzene	13.12	105	2163195	96.709	ug/L	94
64) 1,3-Dichlorobenzene	13.36	146	1151337	93.756	ug/L	98
65) 1,4-Dichlorobenzene	13.44	146	1150301	93.096	ug/L	100
67) 1,2-Dichlorobenzene	13.74	146	1061613	92.305	ug/L	97
68) 1,2-Dibromo-3-chloropropan	14.36	75	123874	98.222	ug/L	96
69) 1,3,5-Trichlorobenzene	14.50	180	761462	89.833	ug/L	99
70) 1,2,4-trichlorobenzene	15.00	180	681479	88.269	ug/L	99
71) Naphthalene	15.23	128	2002646	99.291	ug/L	100
72) 1,2,3-Trichlorobenzene	15.42	180	650257	90.915	ug/L	99

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

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