

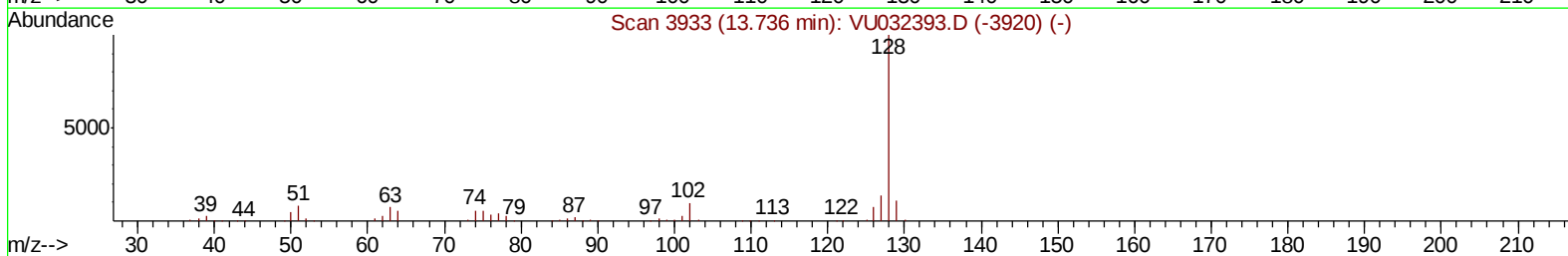
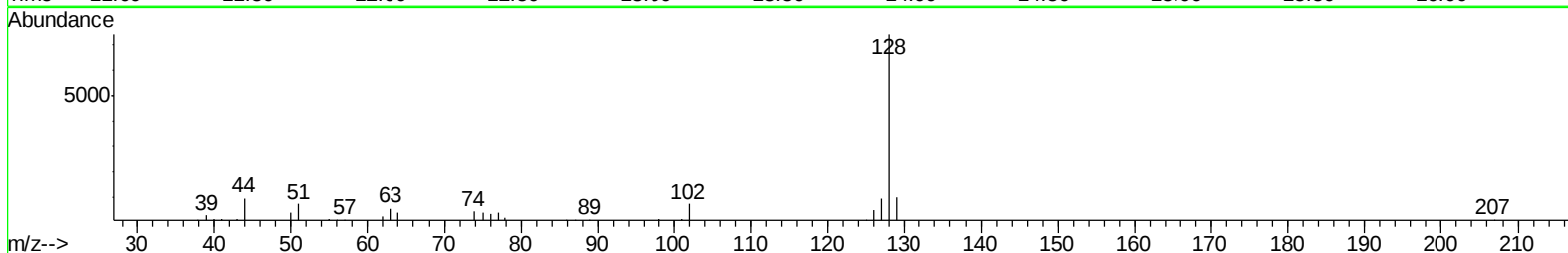
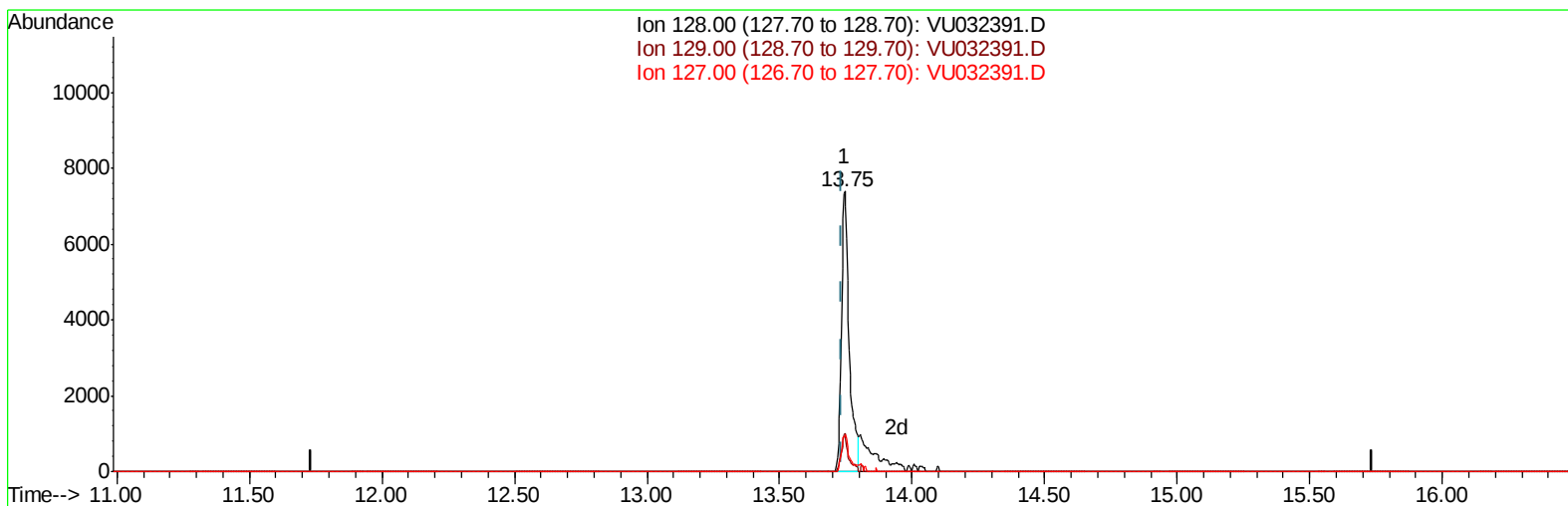
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060319\
 Data File : VU032391.D
 Acq On : 03 Jun 2019 14:21
 Operator : JC/SP
 Sample : VSTD0.508
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.508

Manual Integrations
 APPROVED

MMDadoda
 6/18/2019 1:12:38 AM

Quant Time: Jun 04 08:32:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 04 08:29:23 2019
 Response via : Initial Calibration



TIC: VU032391.D

(69) Naphthalene

13.745min (+0.010) 0.38ug/L

response 14816

Ion	Exp%	Act%
128.00	100	100
129.00	10.80	12.20
127.00	13.70	12.39
0.00	0.00	0.00

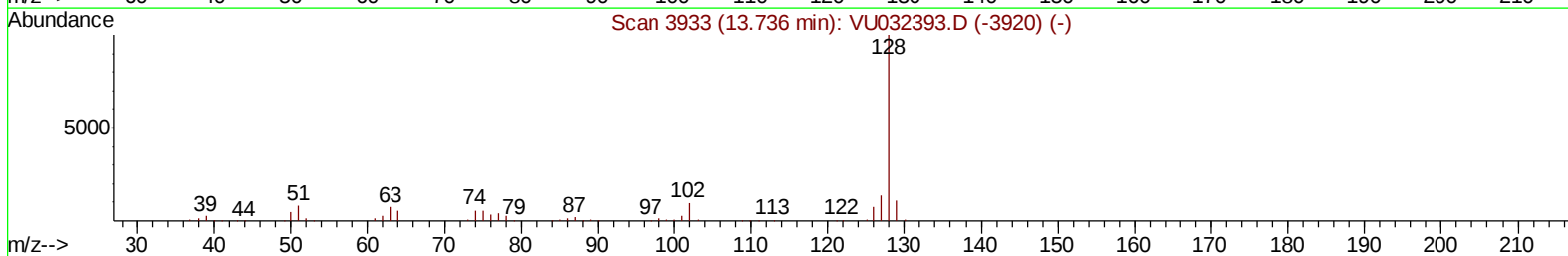
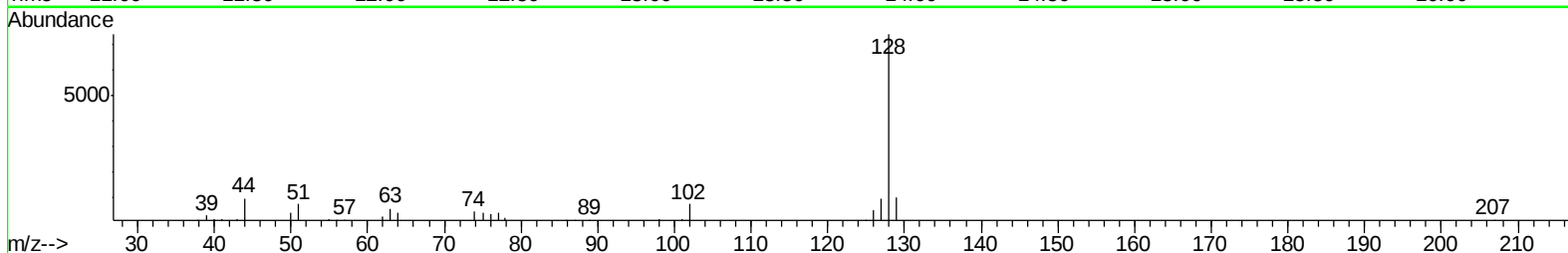
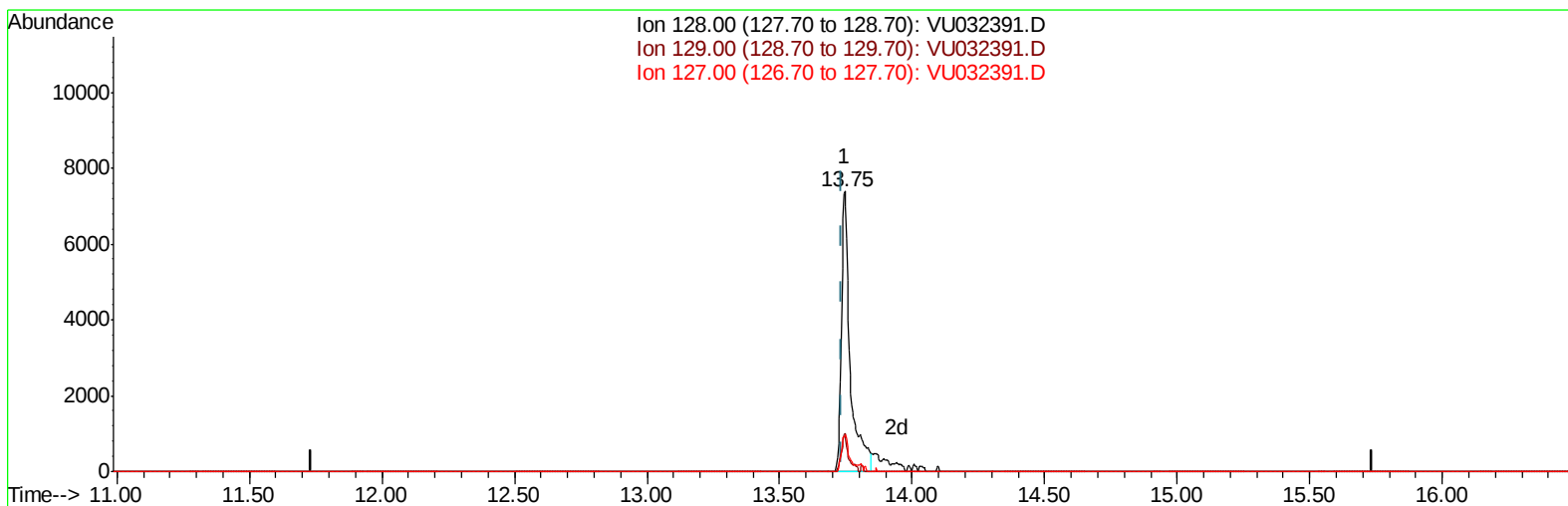
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TIC: VU032391.D

(69) Naphthalene

13.745min (+0.010) 0.43ug/L m

response 16849

Ion	Exp%	Act%
128.00	100	100
129.00	10.80	10.73
127.00	13.70	10.89#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	113548	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	106861	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	49270	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	6073	0.60	ug/L	0.00
7) Chloroethane-d5	1.68	69	6714	0.54	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	12432	0.51	ug/L	0.00
20) 2-Butanone-d5	4.21	46	12056	4.88	ug/L	0.02
24) Chloroform-d	4.64	84	8103	0.51	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	4654	0.54	ug/L	0.00
32) Benzene-d6	5.33	84	15507	0.54	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	5228	0.55	ug/L	0.00
41) Toluene-d8	7.56	98	14512	0.53	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.86	79	2356	0.52	ug/L	0.00
46) 2-Hexanone-d5	8.32	63	9604	4.78	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	4274	0.54	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	4789	0.52	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	10080	0.538 ug/L	95
3) Chloromethane	1.33	50	10744	0.561 ug/L	98
5) Vinyl chloride	1.40	62	10926	0.533 ug/L	100
6) Bromomethane	1.63	94	6952	0.486 ug/L	99
8) Chloroethane	1.69	64	9926	0.498 ug/L	92
9) Trichlorofluoromethane	1.87	101	19253	0.658 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	8733	0.545 ug/L	97
12) 1,1-Dichloroethene	2.28	96	7866	0.527 ug/L	95
13) Acetone	2.34	43	21795	5.570 ug/L	98
14) Carbon disulfide	2.47	76	26867	0.534 ug/L	98
15) Methyl Acetate	2.62	43	5712	0.608 ug/L	98
16) Methylene chloride	2.69	84	10396	0.609 ug/L	97
17) Methyl tert-butyl Ether	3.00	73	25638	0.526 ug/L	99
18) trans-1,2-Dichloroethene	2.97	96	8979	0.528 ug/L	98
19) 1,1-Dichloroethane	3.43	63	14748	0.521 ug/L	98
21) 2-Butanone	4.29	43	25707	4.924 ug/L	100
22) cis-1,2-Dichloroethene	4.22	96	8619	0.535 ug/L	97
23) Bromochloromethane	4.54	128	3413	0.512 ug/L	96
25) Chloroform	4.67	83	15165	0.519 ug/L	99
27) 1,2-Dichloroethane	5.40	62	10406	0.512 ug/L	100
29) 1,1,1-Trichloroethane	4.90	97	13371	0.538 ug/L	99
30) Cyclohexane	4.98	56	14979	0.551 ug/L	97
31) Carbon tetrachloride	5.12	117	11244	0.511 ug/L	98
33) Benzene	5.38	78	32177	0.535 ug/L	100
34) Trichloroethene	6.18	95	8956	0.551 ug/L	97
35) Methylcyclohexane	6.40	83	14325	0.522 ug/L	99
37) 1,2-Dichloropropane	6.43	63	8711	0.536 ug/L	# 97
38) Bromodichloromethane	6.75	83	11306	0.525 ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	13292	0.498 ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	62065	5.028 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.63	91	33381	0.507	ug/L	95
44) trans-1,3-Dichloropropene	7.88	75	10474	0.484	ug/L	90
45) 1,1,2-Trichloroethane	8.06	97	5767	0.502	ug/L	90
47) Tetrachloroethene	8.22	164	6095	0.538	ug/L	97
48) 2-Hexanone	8.37	43	45110	4.997	ug/L	99
49) Dibromochloromethane	8.47	129	6915	0.480	ug/L	98
50) 1,2-Dibromoethane	8.58	107	6145	0.542	ug/L #	94
51) Chlorobenzene	9.12	112	21880	0.542	ug/L	98
52) Ethylbenzene	9.24	91	38372	0.513	ug/L	99
53) m,p-Xylene	9.37	106	13779	0.497	ug/L	98
54) o-Xylene	9.77	106	13281	0.485	ug/L	93
55) Styrene	9.79	104	22622	0.491	ug/L	100
56) Isopropylbenzene	10.16	105	37073	0.514	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	7895	0.522	ug/L	94
59) 1,2,3-Trichloropropane	10.49	75	5306	0.494	ug/L	95
61) Bromoform	9.96	173	3788	0.478	ug/L #	96
62) 1,3-Dichlorobenzene	11.41	146	15621	0.523	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	15971	0.534	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	14739	0.520	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.66	75	1301	0.466	ug/L #	88
67) 1,3,5-Trichlorobenzene	12.89	180	11396	0.493	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	9061	0.452	ug/L	98
69) Naphthalene	13.75	128	16849m	0.427	ug/L	
70) 1,2,3-Trichlorobenzene	13.99	180	9126	0.485	ug/L	96

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

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