

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054983.D
 Acq On : 30 Aug 2023 02:53
 Operator : MD/SY
 Sample : 04173-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAL3

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.1

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU054983.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.387	22	30	36	rBV3	11380	22679	3.50%	0.429%
2	1.518	66	71	81	rVB2	7866	10410	1.61%	0.197%
3	1.599	86	96	102	rBV2	61017	79527	12.28%	1.505%
4	1.911	187	193	206	rVB	44990	61958	9.57%	1.173%
5	2.467	355	366	380	rVB4	17872	40492	6.25%	0.766%
6	2.563	384	396	409	rVB2	72755	117589	18.16%	2.225%
7	2.679	411	432	442	rBV6	10586	28532	4.41%	0.540%
8	2.801	457	470	473	rBV3	8163	13708	2.12%	0.259%
9	3.039	537	544	555	rVB6	9069	16776	2.59%	0.318%
10	3.181	582	588	607	rVB6	3732	7819	1.21%	0.148%
11	3.351	628	641	659	rVB	80208	159363	24.62%	3.016%
12	4.656	1028	1047	1098	rBV5	106717	442505	68.35%	8.375%
13	5.062	1156	1173	1191	rBV	96975	216320	33.41%	4.094%
14	5.724	1360	1379	1409	rBV3	176946	474282	73.26%	8.976%
15	6.248	1527	1542	1565	rBV	207423	401560	62.03%	7.600%
16	6.537	1621	1632	1644	rBV	5490	11361	1.75%	0.215%
17	6.689	1665	1679	1697	rBV2	126019	246914	38.14%	4.673%
18	7.566	1939	1952	1969	rBV	46770	83948	12.97%	1.589%
19	7.898	2042	2055	2068	rBV	206579	362910	56.06%	6.868%
20	7.968	2069	2077	2089	rVV	30990	55628	8.59%	1.053%
21	8.033	2089	2097	2109	rVB2	14780	24877	3.84%	0.471%
22	8.180	2133	2143	2161	rBV3	26541	47166	7.29%	0.893%
23	8.473	2225	2234	2246	rVB4	4133	7616	1.18%	0.144%
24	8.637	2270	2285	2318	rBV2	290276	647396	100.00%	12.253%
25	8.788	2325	2332	2345	rVB4	8951	15150	2.34%	0.287%
26	9.415	2515	2527	2551	rBV	295151	511292	78.98%	9.677%
27	10.569	2878	2886	2902	rBV6	4851	9840	1.52%	0.186%
28	10.756	2932	2944	2959	rBV	112565	182906	28.25%	3.462%
29	10.894	2977	2987	2999	rVB3	9792	16458	2.54%	0.311%
30	11.749	3244	3253	3260	rVV	8034	10770	1.66%	0.204%
31	11.811	3260	3272	3290	rVV	319209	520774	80.44%	9.856%
32	12.065	3341	3351	3357	rBV5	4241	7047	1.09%	0.133%
33	12.193	3377	3391	3410	rBV	240972	407308	62.91%	7.709%
34	12.894	3598	3609	3623	rBV5	5230	8704	1.34%	0.165%
35	13.405	3759	3768	3776	rBV5	7821	12139	1.88%	0.230%

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C0AL3

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
Title : TRACE VOA SFAM1.0

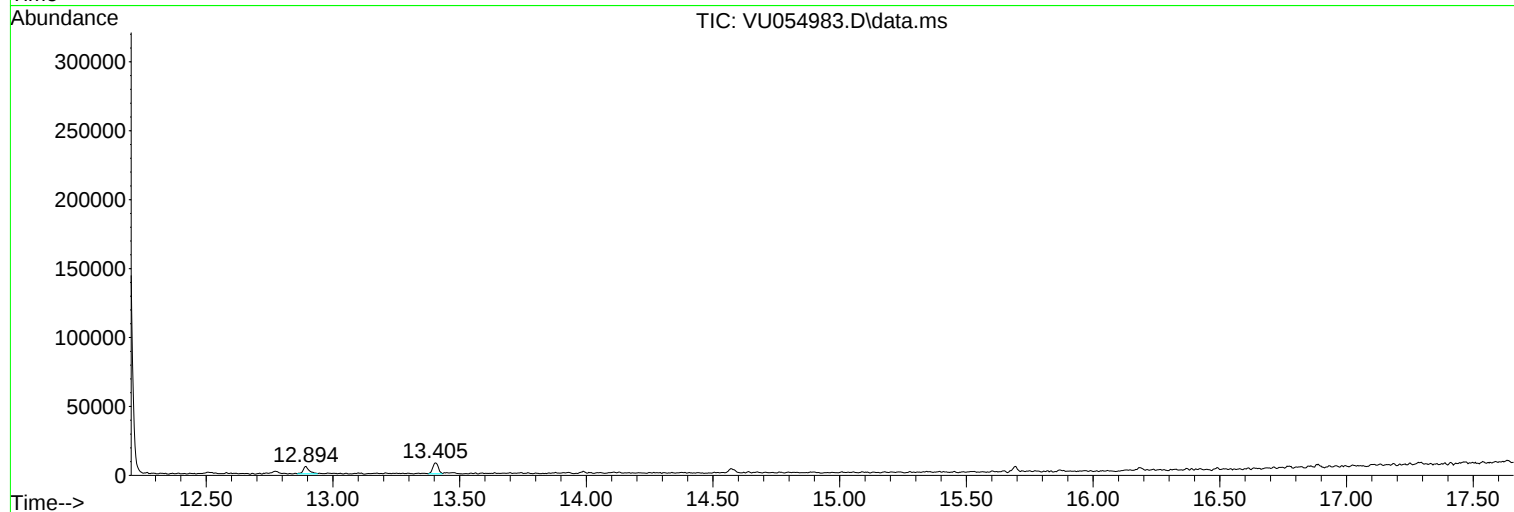
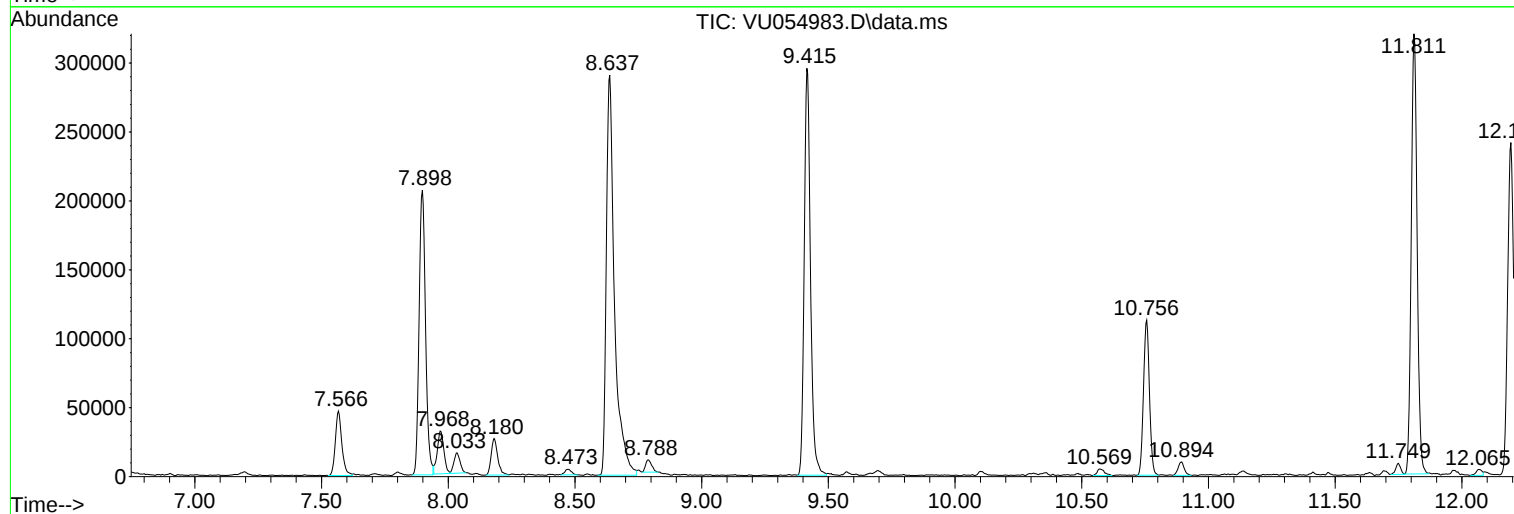
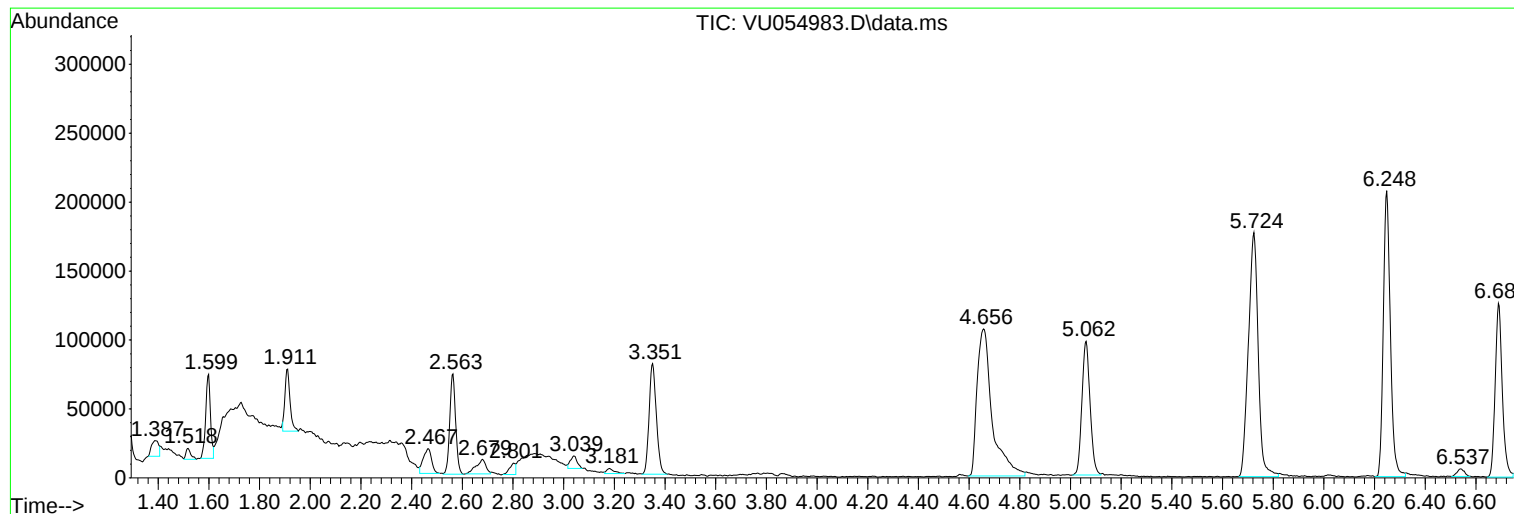
Sum of corrected areas: 5283724

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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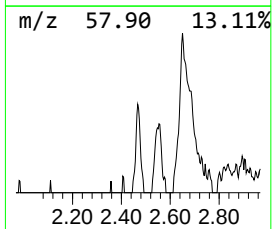
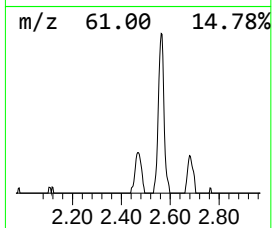
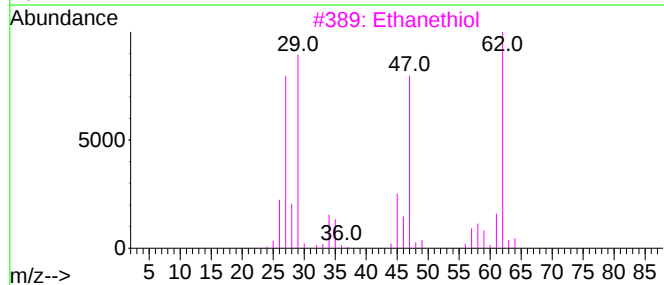
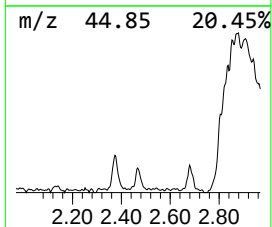
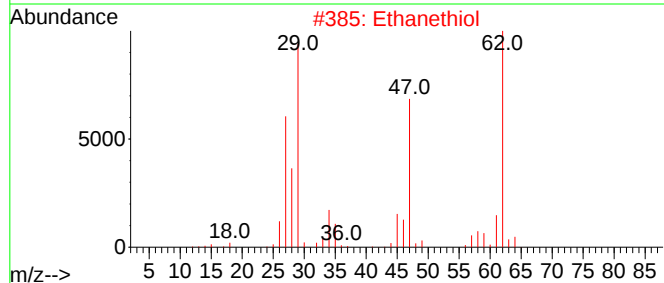
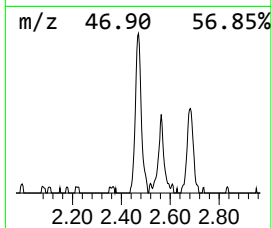
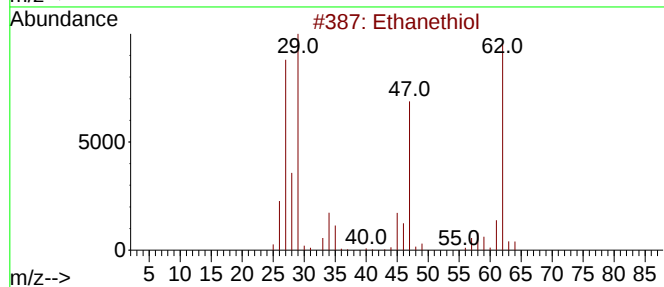
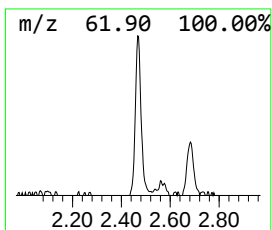
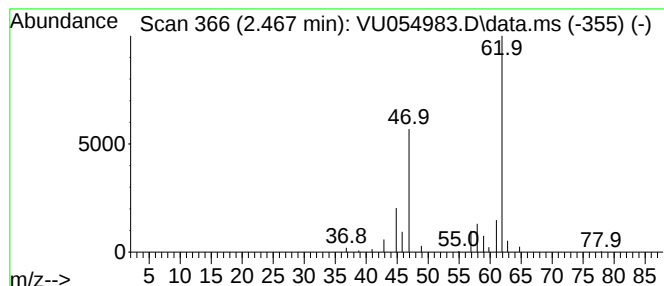
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Ethanethiol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.467	0.50 ug/L	40492	1,4-Difluorobenzene	6.248

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanethiol			62	C2H6S	000075-08-1	86
2	Ethanethiol			62	C2H6S	000075-08-1	86
3	Ethanethiol			62	C2H6S	000075-08-1	83
4	Ethanethiol			62	C2H6S	000075-08-1	83
5	Ethanethiol			62	C2H6S	000075-08-1	78



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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanethiol	2.467	0.5	ug/L	40492	1	6.248	401560	5.0