

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111422\
 Data File : VV028962.D
 Acq On : 15 Nov 2022 01:21
 Operator : SY/MD
 Sample : N5604-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46C2

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_V\Method\SFAMVTR111122WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV028962.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.310	74	84	99	rBV	1342494	1481066	79.74%	12.753%
2	1.410	101	115	157	rVV	162383	765765	41.23%	6.594%
3	1.568	158	164	176	rVV	116306	155952	8.40%	1.343%
4	1.632	179	184	193	rVB	52481	65936	3.55%	0.568%
5	2.108	322	332	351	rVB	192419	297150	16.00%	2.559%
6	2.500	441	454	469	rBV5	11215	31841	1.71%	0.274%
7	2.574	469	477	493	rVB2	17439	35010	1.88%	0.301%
8	2.760	522	535	552	rBV3	39104	82203	4.43%	0.708%
9	3.188	655	668	685	rVB	20567	45117	2.43%	0.388%
10	3.760	830	846	861	rBV3	7767	20537	1.11%	0.177%
11	3.902	876	890	929	rBV2	700060	1857404	100.00%	15.994%
12	4.342	1010	1027	1055	rBV	155611	389955	20.99%	3.358%
13	4.674	1117	1130	1146	rVB5	10403	24728	1.33%	0.213%
14	5.043	1226	1245	1259	rBV2	355034	903303	48.63%	7.778%
15	5.612	1410	1422	1462	rBV	290248	614280	33.07%	5.289%
16	6.066	1549	1563	1589	rBV	198701	422660	22.76%	3.639%
17	6.982	1838	1848	1874	rBV	74337	142680	7.68%	1.229%
18	7.310	1939	1950	1986	rBV	421659	765150	41.19%	6.589%
19	7.622	2037	2047	2068	rBV2	37717	73756	3.97%	0.635%
20	7.937	2135	2145	2159	rBV2	10482	19040	1.03%	0.164%
21	8.088	2181	2192	2231	rBV2	341806	815211	43.89%	7.020%
22	8.847	2416	2428	2457	rBV	415673	708853	38.16%	6.104%
23	10.207	2838	2851	2875	rBV	151220	244098	13.14%	2.102%
24	10.378	2892	2904	2918	rBV2	36161	61854	3.33%	0.533%
25	11.242	3161	3173	3192	rBV	425192	687546	37.02%	5.920%
26	11.615	3277	3289	3310	rBV	403672	661796	35.63%	5.699%
27	15.860	4588	4609	4636	rBV	42262	240378	12.94%	2.070%

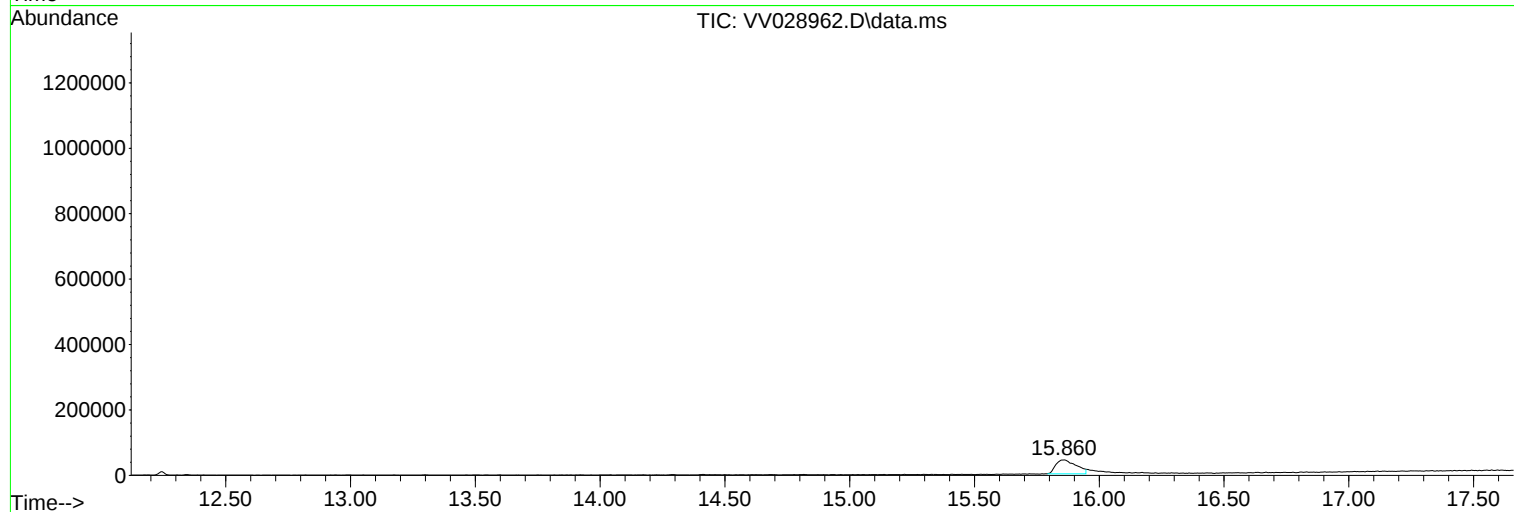
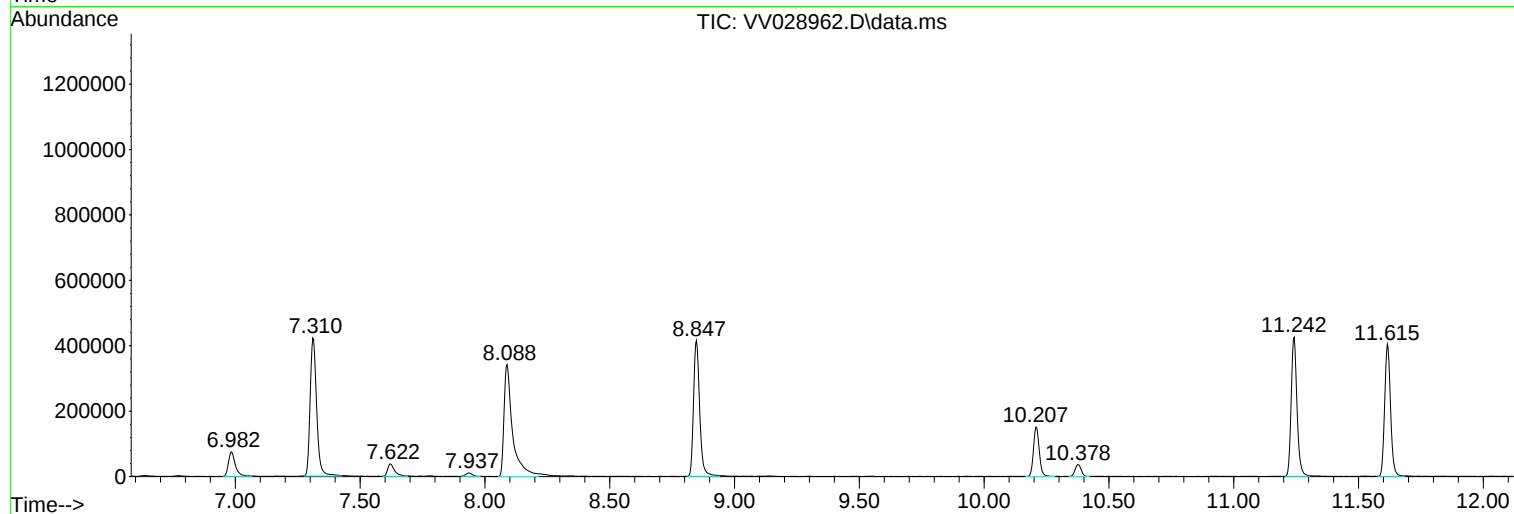
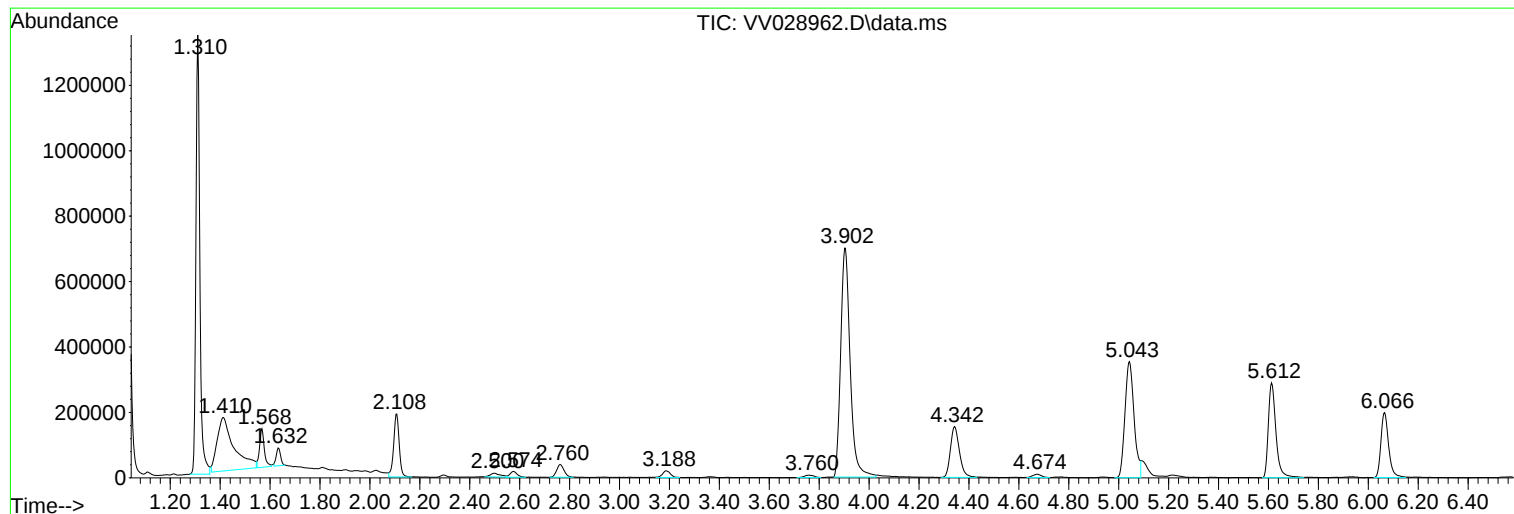
Sum of corrected areas: 11613269

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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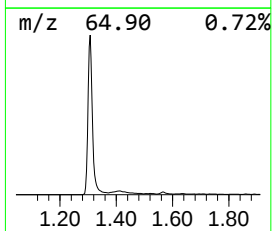
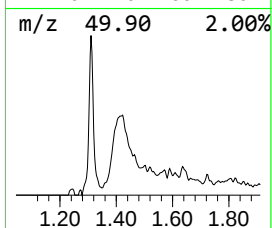
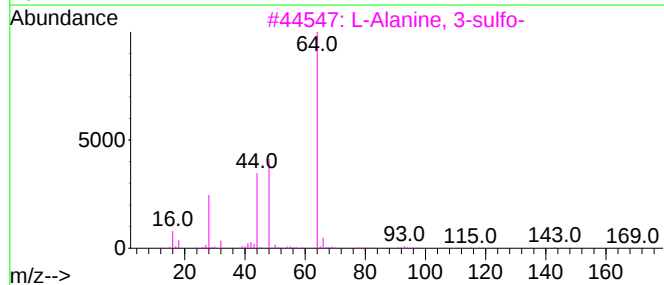
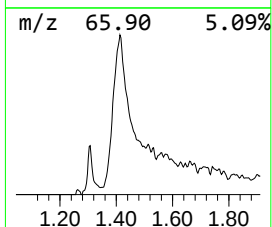
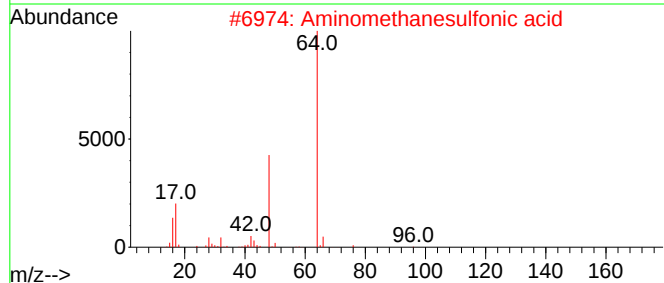
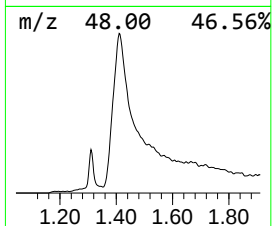
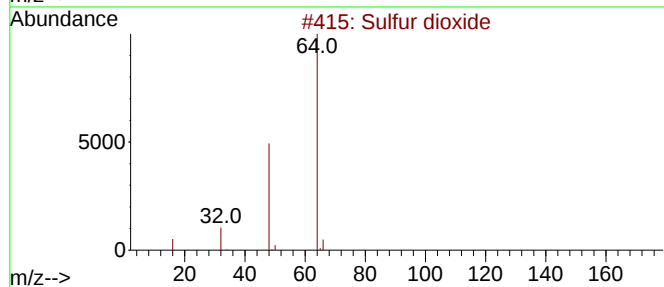
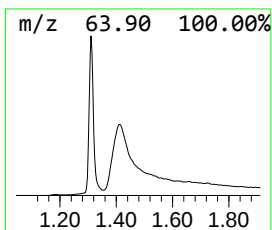
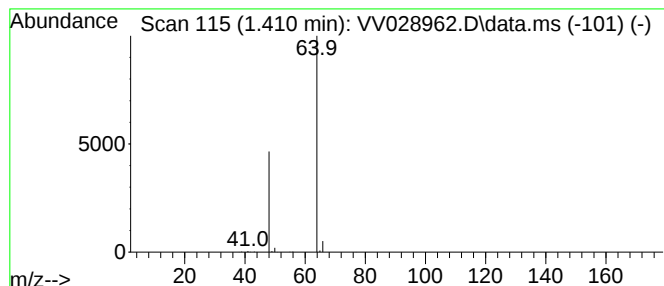
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.410	6.23 ug/L	765765	1,4-Difluorobenzene	5.612

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	90
2			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4			Sulfur dioxide	64	O2S	007446-09-5	4
5			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4



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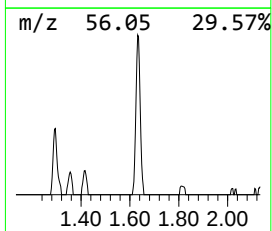
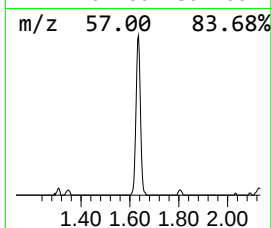
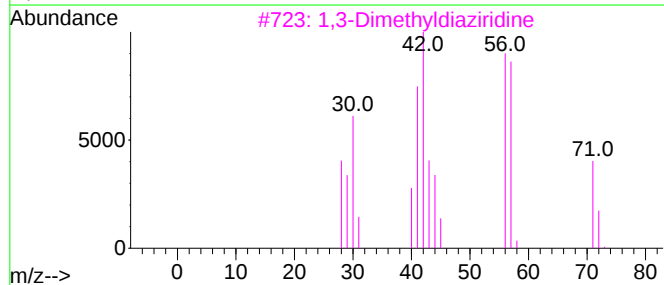
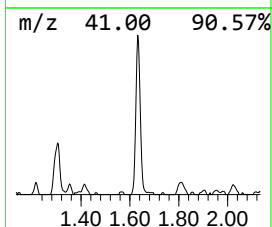
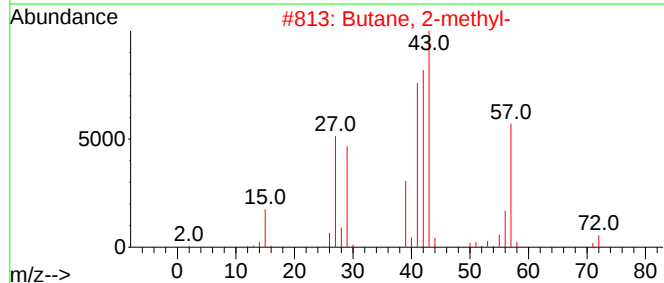
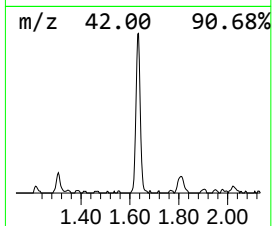
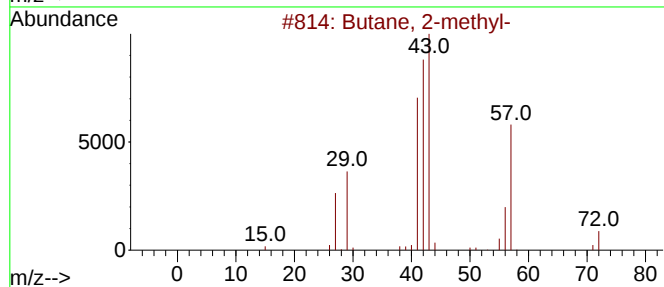
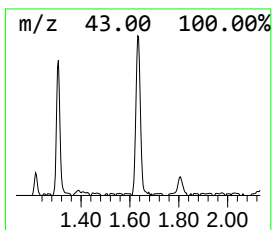
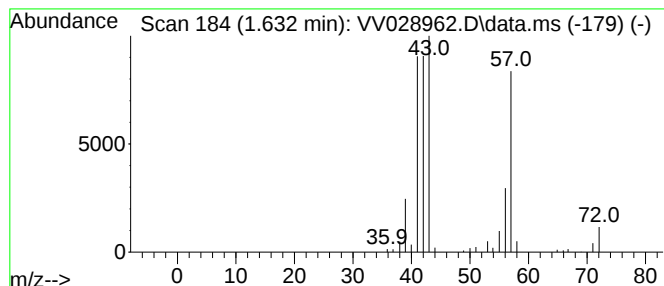
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.632	0.54 ug/L	65936	1,4-Difluorobenzene	5.612

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-			72	C5H12	000078-78-4	86
2	Butane, 2-methyl-			72	C5H12	000078-78-4	86
3	1,3-Dimethyldiaziridine			72	C3H8N2	026177-36-6	36
4	Pentane			72	C5H12	000109-66-0	28
5	3-Buten-1-ol			72	C4H8O	000627-27-0	25



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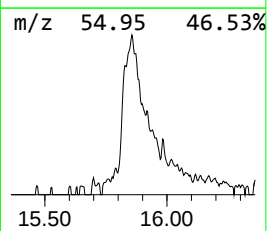
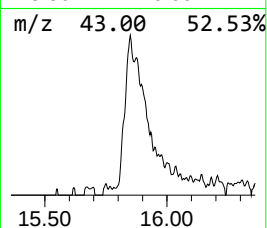
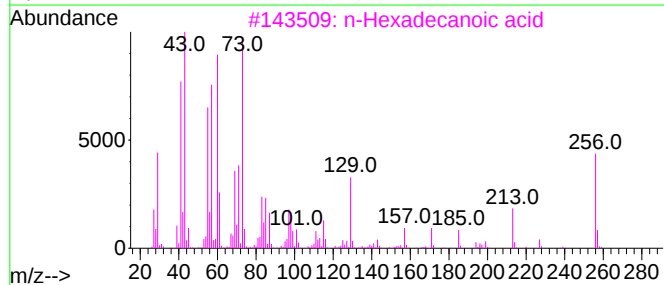
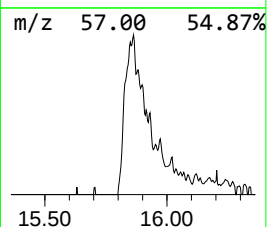
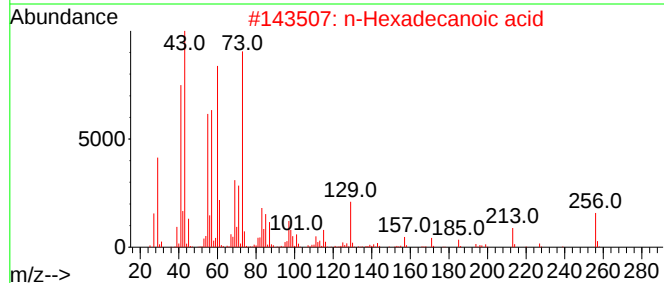
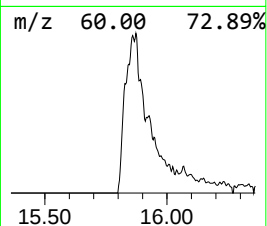
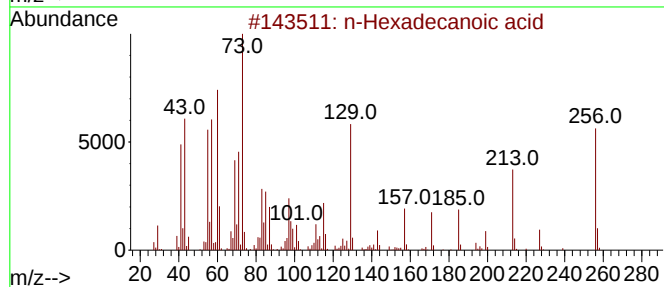
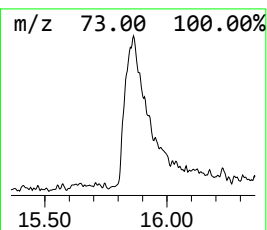
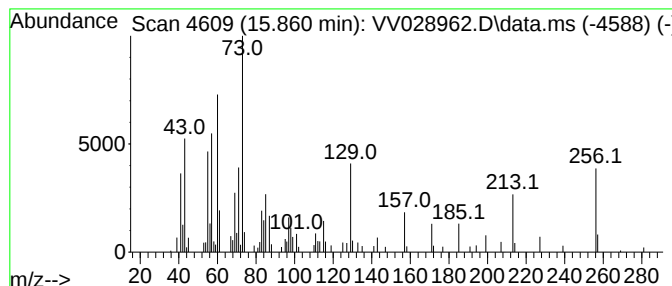
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.860	1.75 ug/L	240378	1,4-Dichlorobenzene-d4	11.242

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
5			Tridecanoic acid	214	C13H26O2	000638-53-9	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.410	6.2	ug/L	765765	1	5.612	614280	5.0
(DEL) Alkane: S...	1.632	0.5	ug/L	65936	1	5.612	614280	5.0
n-Hexadecanoic ...	15.860	1.8	ug/L	240378	3	11.242	687546	5.0