

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100719\
 Data File : VU034958.D
 Acq On : 07 Oct 2019 14:33
 Operator : JC/SP
 Sample : K5219-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-191002-01

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.177	21	27	36	rBV2	21534	22259	2.73%	0.306%
2	1.293	56	63	70	rBV2	56146	67573	8.28%	0.930%
3	1.389	83	93	108	rVB2	141240	188431	23.10%	2.594%
4	1.469	112	118	125	rBV	8726	10547	1.29%	0.145%
5	1.672	173	181	194	rBV	106277	131836	16.16%	1.815%
6	1.749	199	205	212	rVB	8052	9552	1.17%	0.132%
7	2.260	353	364	374	rBV	194367	294672	36.12%	4.057%
8	2.321	374	383	397	rVB	61677	114639	14.05%	1.578%
9	4.177	947	960	989	rBV2	102367	311149	38.14%	4.284%
10	4.624	1081	1099	1128	rBV2	128649	335541	41.13%	4.620%
11	5.315	1291	1314	1349	rBV2	288519	815895	100.00%	11.233%
12	5.865	1470	1485	1521	rBV	233122	477337	58.50%	6.572%
13	6.308	1609	1623	1647	rBV	184983	381598	46.77%	5.254%
14	6.524	1680	1690	1716	rBV4	12839	30316	3.72%	0.417%
15	7.209	1890	1903	1925	rBV2	79500	157585	19.31%	2.170%
16	7.543	1995	2007	2021	rBV	367081	649000	79.54%	8.935%
17	7.617	2021	2030	2047	rVB	65881	125463	15.38%	1.727%
18	7.832	2087	2097	2118	rBV	43854	88118	10.80%	1.213%
19	8.160	2187	2199	2209	rBV3	8330	14691	1.80%	0.202%
20	8.250	2218	2227	2232	rBV3	9200	13326	1.63%	0.183%
21	8.299	2232	2242	2280	rVV	372004	784651	96.17%	10.803%
22	8.453	2280	2290	2306	rVB3	37543	73442	9.00%	1.011%
23	9.032	2454	2470	2471	rBV2	20104	23154	2.84%	0.319%
24	9.067	2472	2481	2505	rVB	329419	586902	71.93%	8.080%
25	9.231	2523	2532	2543	rVV2	9645	16737	2.05%	0.230%
26	9.353	2559	2570	2591	rBV2	21062	37908	4.65%	0.522%
27	9.765	2686	2698	2722	rBV2	20863	51689	6.34%	0.712%
28	10.016	2767	2776	2793	rBV4	12179	25583	3.14%	0.352%
29	10.295	2851	2863	2875	rBV3	11522	20620	2.53%	0.284%
30	10.411	2888	2899	2916	rBV	138168	230528	28.25%	3.174%
31	10.588	2940	2954	2966	rBV3	10737	20825	2.55%	0.287%
32	11.128	3115	3122	3128	rBV	7708	11120	1.36%	0.153%
33	11.408	3201	3209	3215	rBV4	12779	18239	2.24%	0.251%
34	11.463	3215	3226	3249	rVB	305256	549035	67.29%	7.559%

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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 >
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Title : TRACE VOA SOM01.0

35	11.839	3330	3343	3370	rBV	322529	573232	70.26%	7.892%
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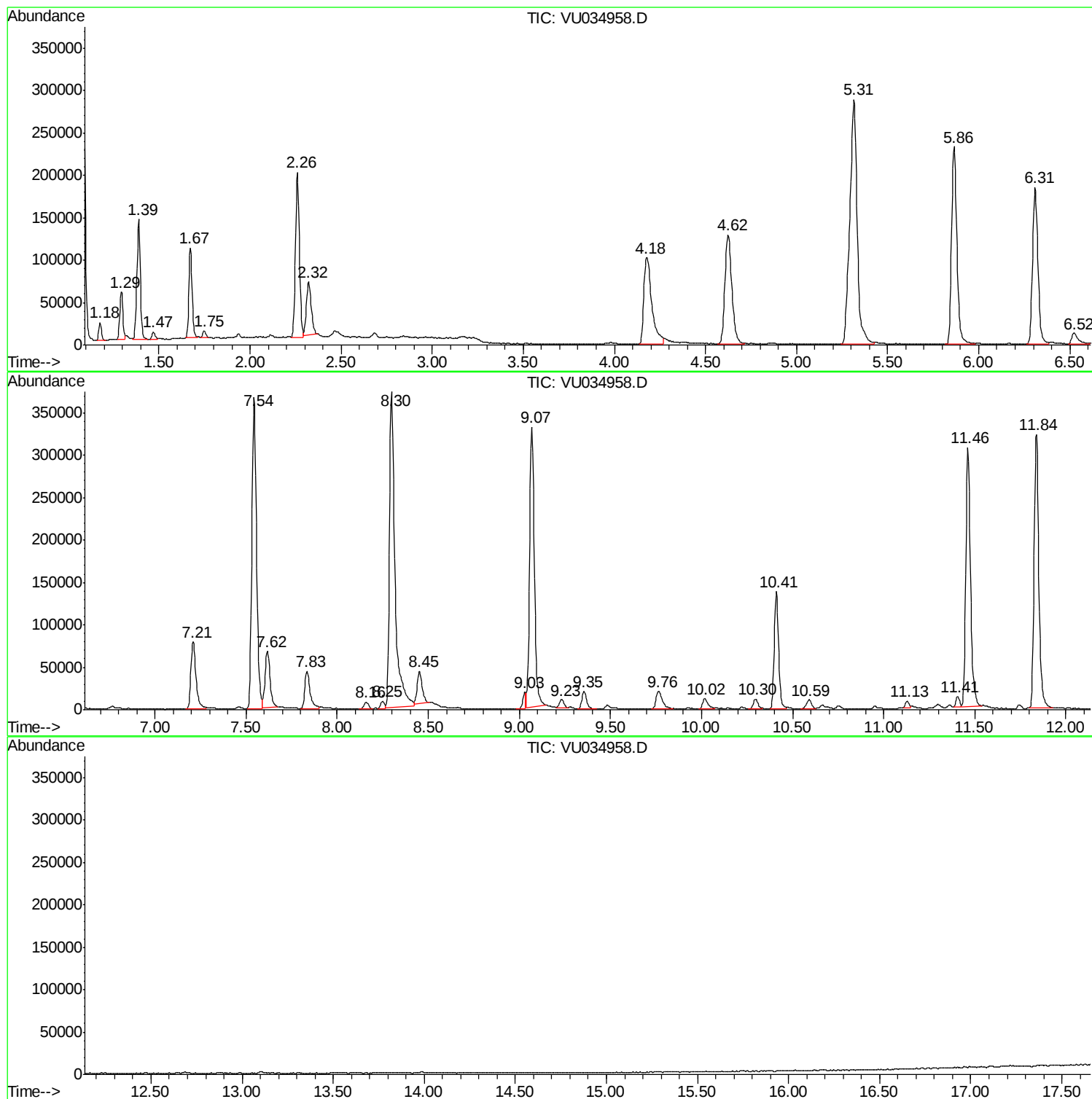
Sum of corrected areas: 7263193

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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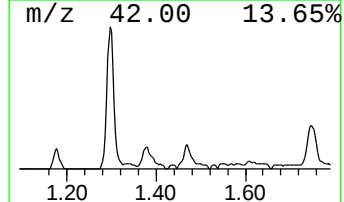
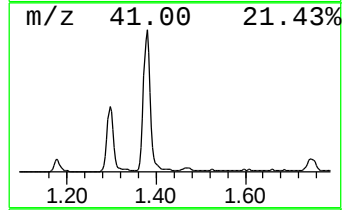
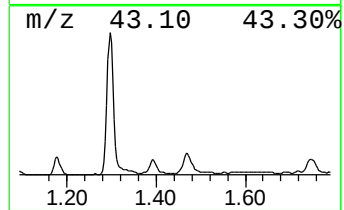
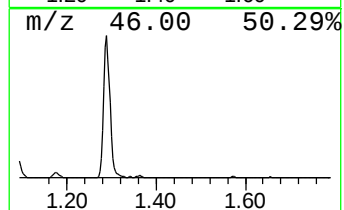
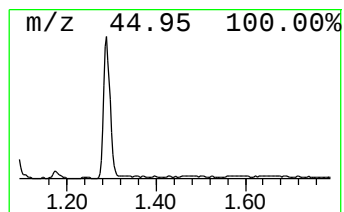
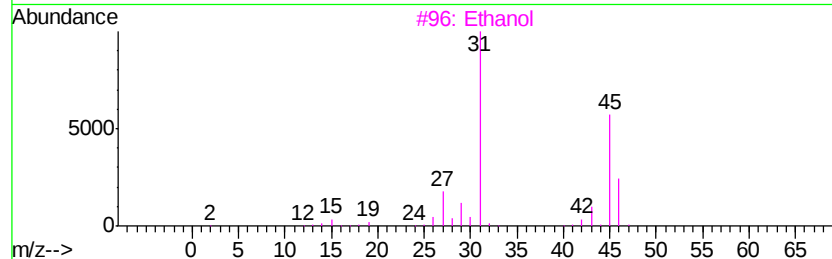
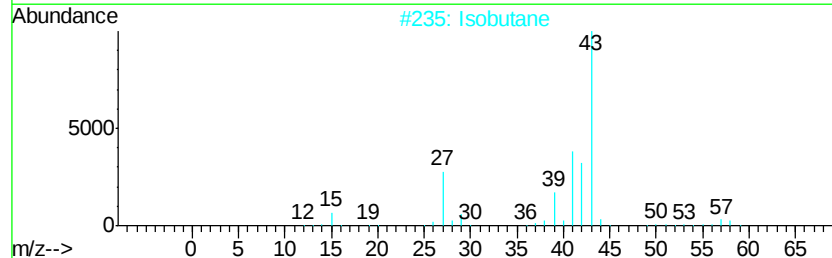
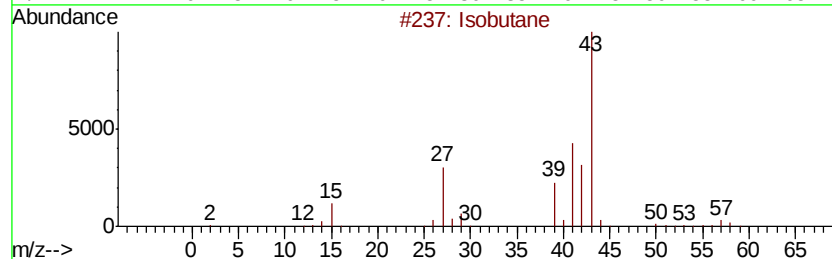
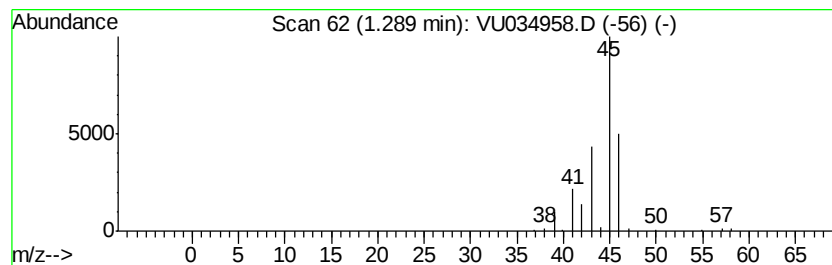
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Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.29	0.71 ug/L	67573	1,4-Difluorobenzene	5.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobutane	58	C4H10	000075-28-5	14
2		Isobutane	58	C4H10	000075-28-5	14
3		Ethanol	46	C2H6O	000064-17-5	9
4		Dimethyl ether	46	C2H6O	000115-10-6	9
5		Dimethyl ether	46	C2H6O	000115-10-6	9



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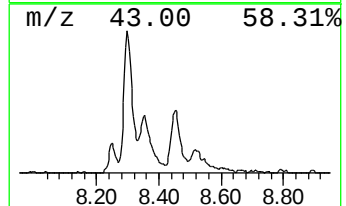
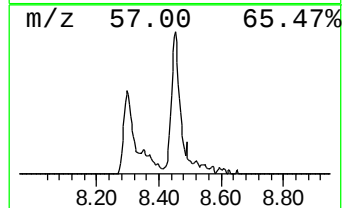
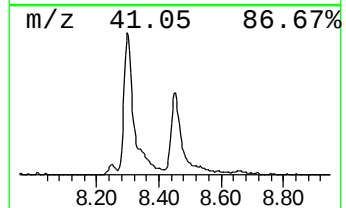
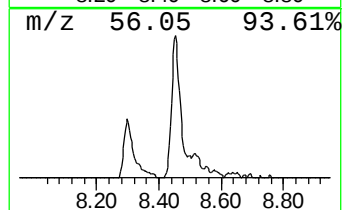
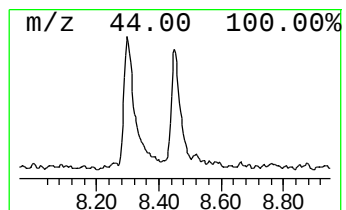
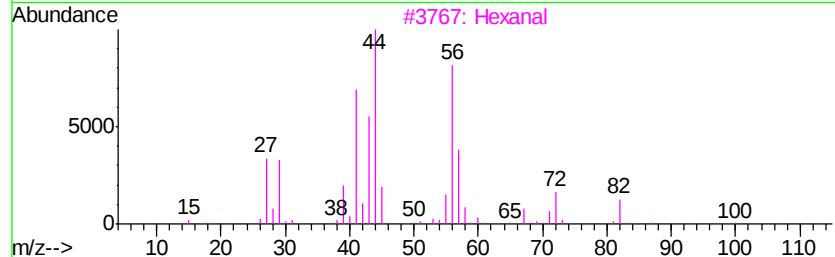
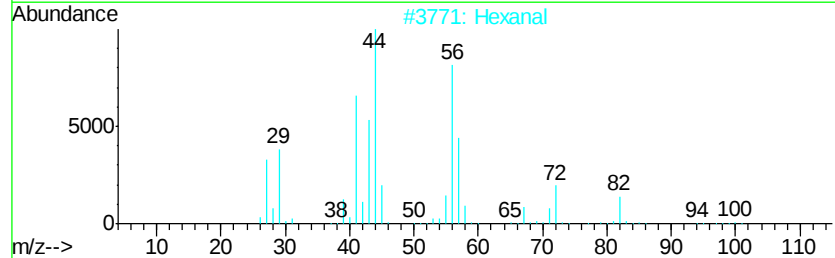
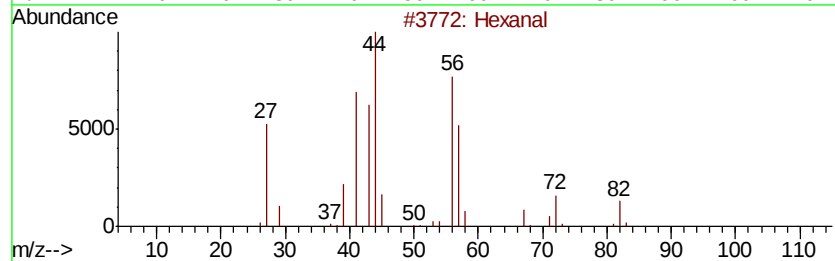
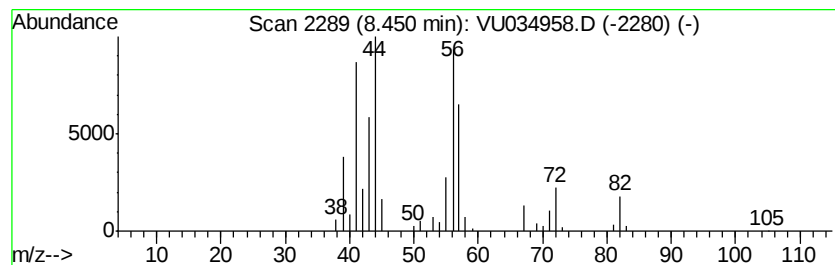
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Peak Number 3 Hexanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	0.63 ug/L	73442	Chlorobenzene-d5	9.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal	100	C6H12O	000066-25-1	80
2		Hexanal	100	C6H12O	000066-25-1	78
3		Hexanal	100	C6H12O	000066-25-1	64
4		Hexanal	100	C6H12O	000066-25-1	56
5		Butanal	72	C4H8O	000123-72-8	38



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	1.29	0.7	ug/L	67573	1	5.86	477337	5.0
Hexanal	8.45	0.6	ug/L	73442	2	9.07	586902	5.0