

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060619\
 Data File : VV011286.D
 Acq On : 07 Jun 2019 14:12
 Operator : SY/MD
 Sample : K3230-05
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 TB-190604

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_V\METHOD\SOMVTR060419WMA.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	1.113	4	7	28	rVB	33082	49312	8.54%	0.933%
2	1.222	35	41	55	rVB2	95379	111513	19.31%	2.111%
3	1.315	62	70	87	rBV	92723	111281	19.27%	2.106%
4	1.553	141	144	153	rVB	67965	67748	11.73%	1.282%
5	2.116	310	319	333	rBV	144461	204790	35.47%	3.876%
6	2.190	335	342	353	rVB	19332	28604	4.95%	0.541%
7	2.521	441	445	457	rVB2	11883	18167	3.15%	0.344%
8	3.061	604	613	620	rVB8	4627	7443	1.29%	0.141%
9	3.936	872	885	911	rBV2	83275	217770	37.72%	4.122%
10	4.138	937	948	955	rBV3	5089	11481	1.99%	0.217%
11	4.393	1008	1027	1045	rBV	98809	242360	41.98%	4.587%
12	5.087	1223	1243	1267	rBV2	236595	577368	100.00%	10.929%
13	5.656	1404	1420	1440	rBV	193779	388103	67.22%	7.346%
14	6.113	1548	1562	1582	rBV	135361	274092	47.47%	5.188%
15	6.335	1623	1631	1643	rVB7	4708	7945	1.38%	0.150%
16	7.026	1835	1846	1865	rBV	63124	113825	19.71%	2.155%
17	7.354	1934	1948	1961	rBV	269128	475533	82.36%	9.001%
18	7.428	1962	1971	1984	rVB	43803	74029	12.82%	1.401%
19	7.659	2033	2043	2060	rBV	37548	66220	11.47%	1.253%
20	7.900	2106	2118	2123	rBV10	4529	7648	1.32%	0.145%
21	8.132	2179	2190	2209	rBV	318840	546911	94.72%	10.352%
22	8.283	2227	2237	2251	rBV3	51449	85794	14.86%	1.624%
23	8.894	2409	2427	2444	rBV	285041	471041	81.58%	8.916%
24	9.055	2466	2477	2485	rBV3	8994	15312	2.65%	0.290%
25	9.180	2503	2516	2529	rVB3	10425	22659	3.92%	0.429%
26	9.601	2635	2647	2660	rBV2	38799	78163	13.54%	1.479%
27	9.852	2715	2725	2738	rBV9	11551	21447	3.71%	0.406%
28	10.260	2841	2852	2866	rBV	92451	146388	25.35%	2.771%
29	11.196	3134	3143	3144	rBV7	7502	7239	1.25%	0.137%
30	11.293	3162	3173	3195	rBV	244598	411651	71.30%	7.792%
31	11.669	3278	3290	3306	rBV	238517	391624	67.83%	7.413%
32	12.395	3505	3516	3529	rBV9	15992	29631	5.13%	0.561%

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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 >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Title : TRACE VOA SOM01.0

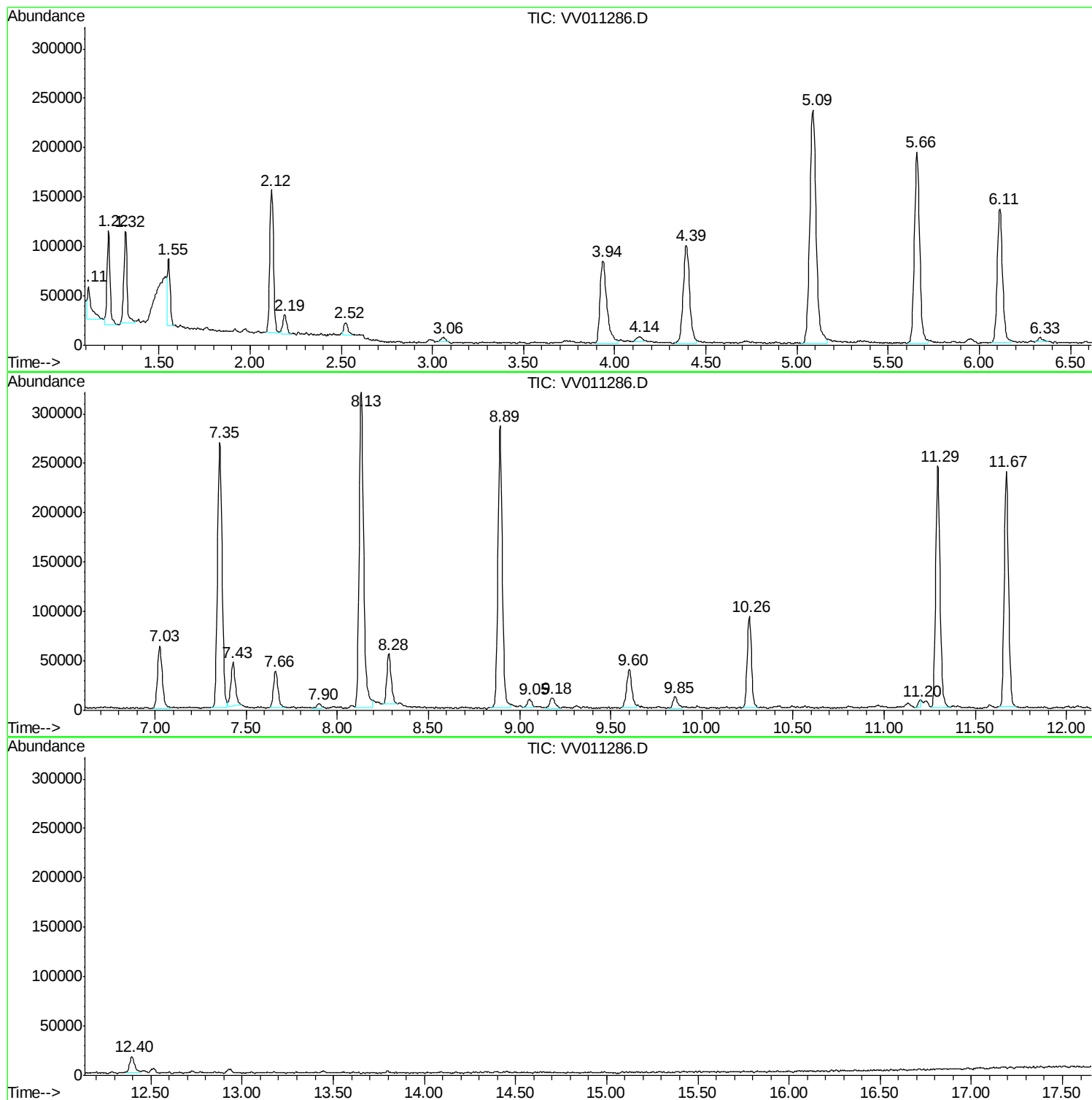
Sum of corrected areas: 5283092

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

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



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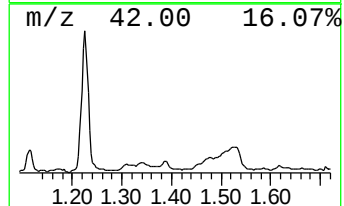
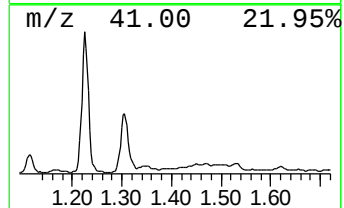
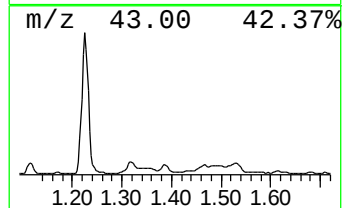
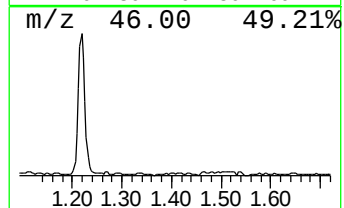
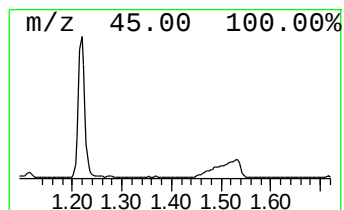
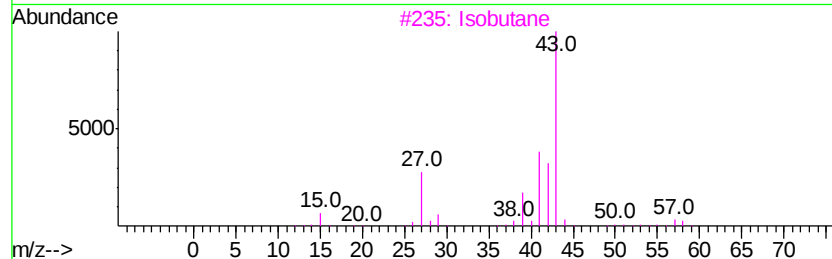
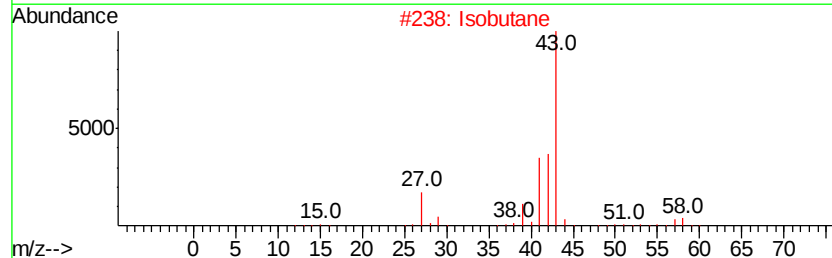
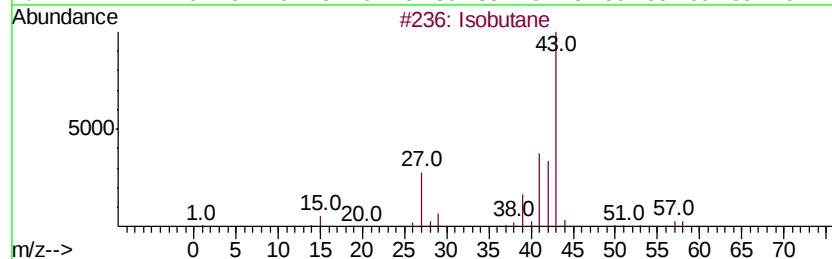
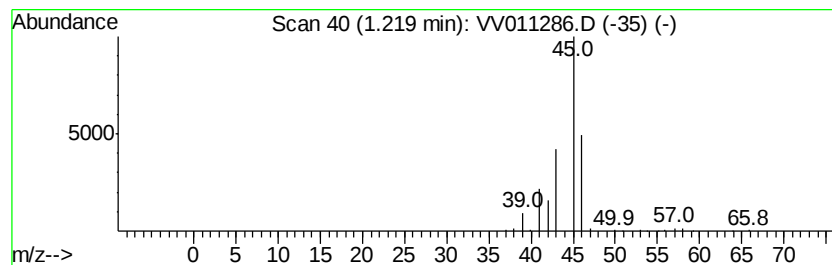
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.22	1.44 ug/L	111513	1,4-Difluorobenzene	5.66

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



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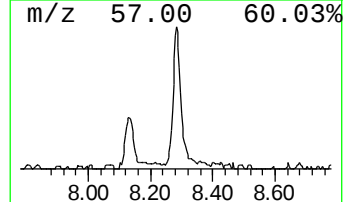
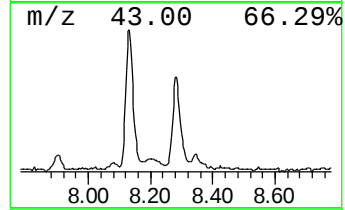
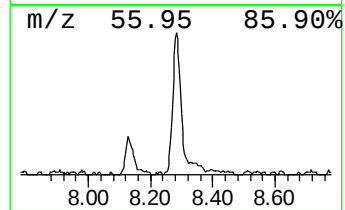
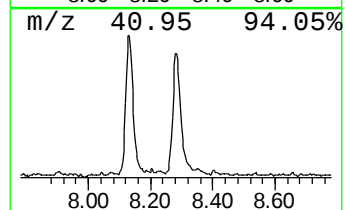
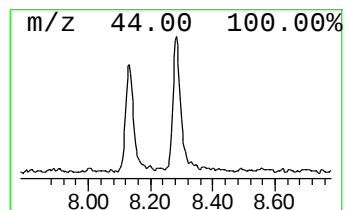
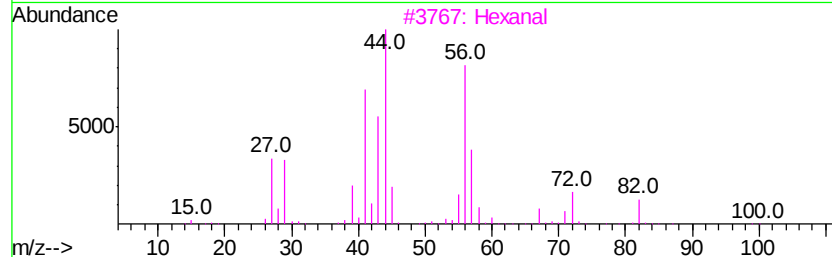
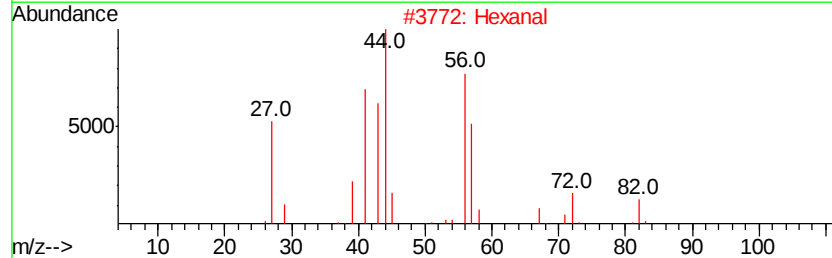
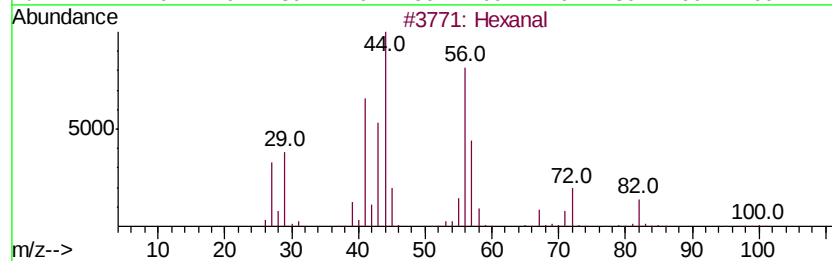
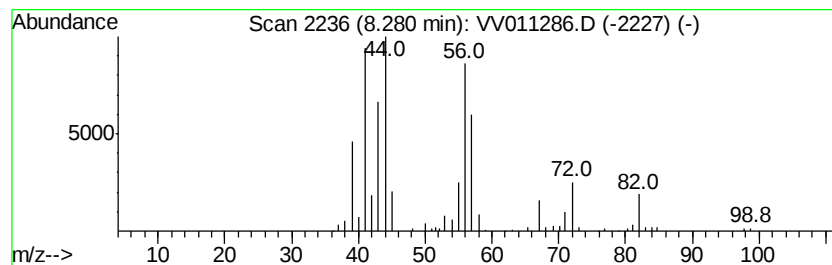
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Peak Number 4 Hexanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	0.91 ug/L	85794	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal	100	C6H12O	000066-25-1	81
2		Hexanal	100	C6H12O	000066-25-1	64
3		Hexanal	100	C6H12O	000066-25-1	45
4		Hexanal	100	C6H12O	000066-25-1	38
5		Butanal	72	C4H8O	000123-72-8	30



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	1.22	1.4	ug/L	111513	1	5.66	388103	5.0
Hexanal	8.28	0.9	ug/L	85794	2	8.89	471041	5.0