LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011719\
Data File : VW008337.D
Acq On : 17 Jan 2019 19:18
Operator : SY/VA
Sample : K1191-06
Misc : 11.67G/5ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SITE4-05

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 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_W\METHOD\82W011719S.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.629	280	283	290	rVB8	3147	7057	1.24%	0.196%
2	4.123	355	364	373	rBV	20919	56615	9.93%	1.573%
3	4.915	484	494	496	rBV6	2506	6156	1.08%	0.171%
4	5.165	526	535	536	rBV5	3925	7409	1.30%	0.206%
5	7.134	852	858	859	rBV5	6437	9117	1.60%	0.253%
6	7.884	971	981	986	rBV	77306	184706	32.41%	5.133%
7	7.945	986	991	1001	rVB	127669	285194	50.04%	7.926%
8	8.305	1040	1050	1059	rBV	79474	176398	30.95%	4.902%
9	8.841	1128	1138	1149	rVB	199950	396003	69.48%	11.005%
10	10.207	1357	1362	1369	rBV7	2803	7100	1.25%	0.197%
11	10.323	1373	1381	1389	rBV	330195	569919	100.00%	15.838%
12	10.707	1437	1444	1449	rVB4	4366	8494	1.49%	0.236%
13	11.073	1498	1504	1511	rBV	94613	150795	26.46%	4.191%
14	11.634	1585	1596	1604	rBV	295370	500411	87.80%	13.907%
15	12.341	1706	1712	1715	rBV6	5592	8636	1.52%	0.240%
16	12.469	1727	1733	1742	rBV6	6491	13140	2.31%	0.365%
17	12.621	1751	1758	1766	rBV	237473	383573	67.30%	10.660%
18	12.896	1795	1803	1805	rBV9	2633	6771	1.19%	0.188%
19	12.938	1808	1810	1817	rVB8	4269	7194	1.26%	0.200%
20	13.255	1855	1862	1864	rBV5	4183	7245	1.27%	0.201%
21	13.402	1881	1886	1891	rVB8	5000	9409	1.65%	0.261%
22	13.560	1905	1912	1921	rVB	304154	479613	84.15%	13.329%
23	13.658	1921	1928	1931	rVB2	6029	10275	1.80%	0.286%
24	13.877	1960	1964	1968	rBV5	5723	9380	1.65%	0.261%
25	14.078	1993	1997	2005	rVB5	4438	10795	1.89%	0.300%
26	14.231	2012	2022	2025	rBV10	3293	8726	1.53%	0.243%
27	14.334	2033	2039	2046	rBV2	33477	52891	9.28%	1.470%
28	14.731	2101	2104	2111	rVB4	6531	8877	1.56%	0.247%
29	14.804	2111	2116	2121	rBV9	3765	8501	1.49%	0.236%
30	14.962	2135	2142	2143	rBV6	4949	7882	1.38%	0.219%
31	15.371	2199	2209	2217	rBV	52754	103974	18.24%	2.889%
32	15.560	2236	2240	2246	rVB4	7968	14580	2.56%	0.405%
33	15.877	2286	2292	2295	rVB7	2947	6306	1.11%	0.175%
34	16.383	2368	2375	2380	rBV8	3193	6971	1.22%	0.194%

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Title : SW846 8260

35	16.450	2380	2386	2393	rBV2	16172	34561	6.06%	0.960%
36	16.663	2410	2421	2429	rBV3	12738	33671	5.91%	0.936%

Sum of corrected areas: 3598345

LSC Report - Integrated Chromatogram

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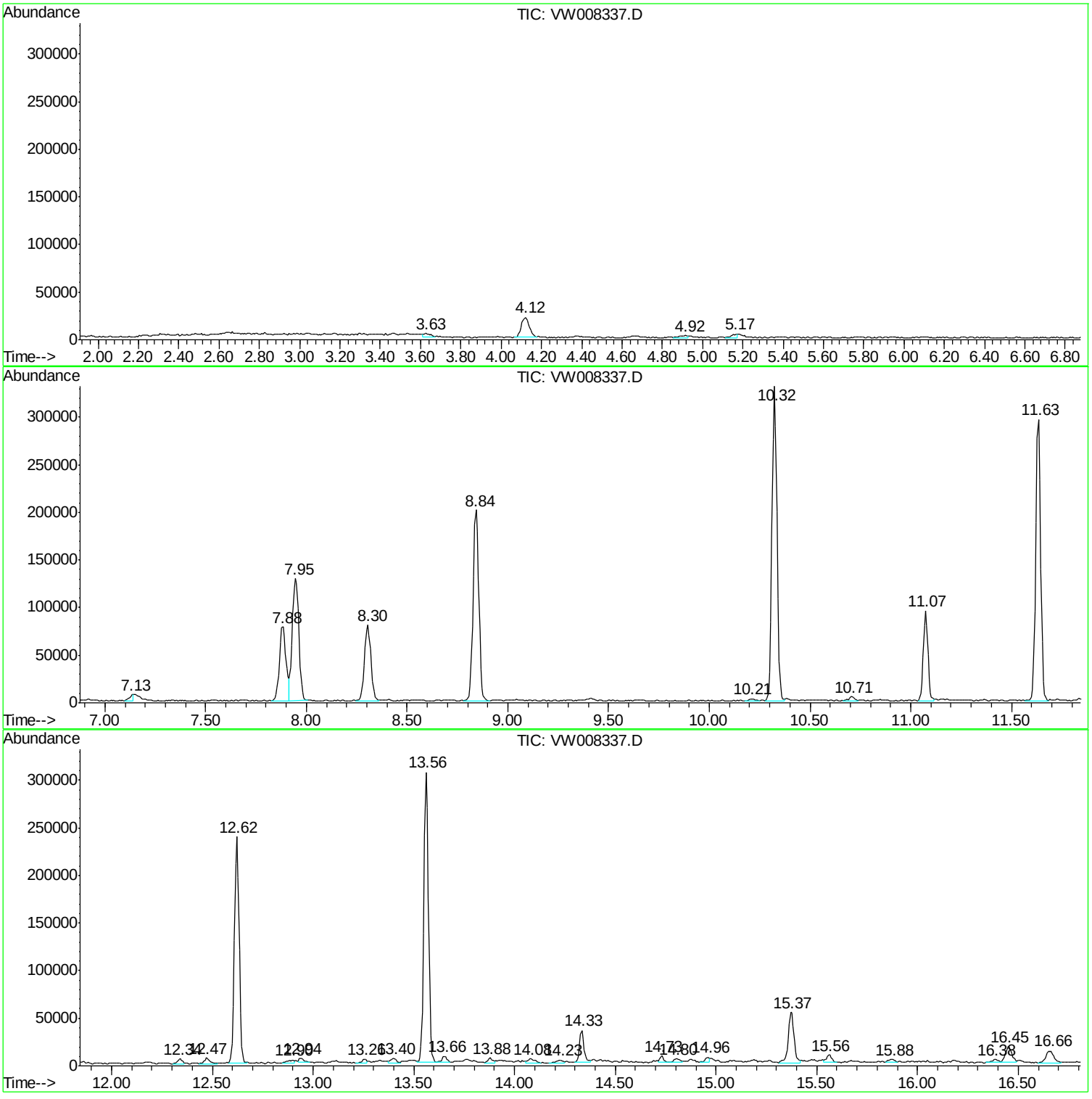
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
Quant Title : SW846 8260

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



Library Search Compound Report

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Data File : VW008337.D
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Quant Title : SW846 8260

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

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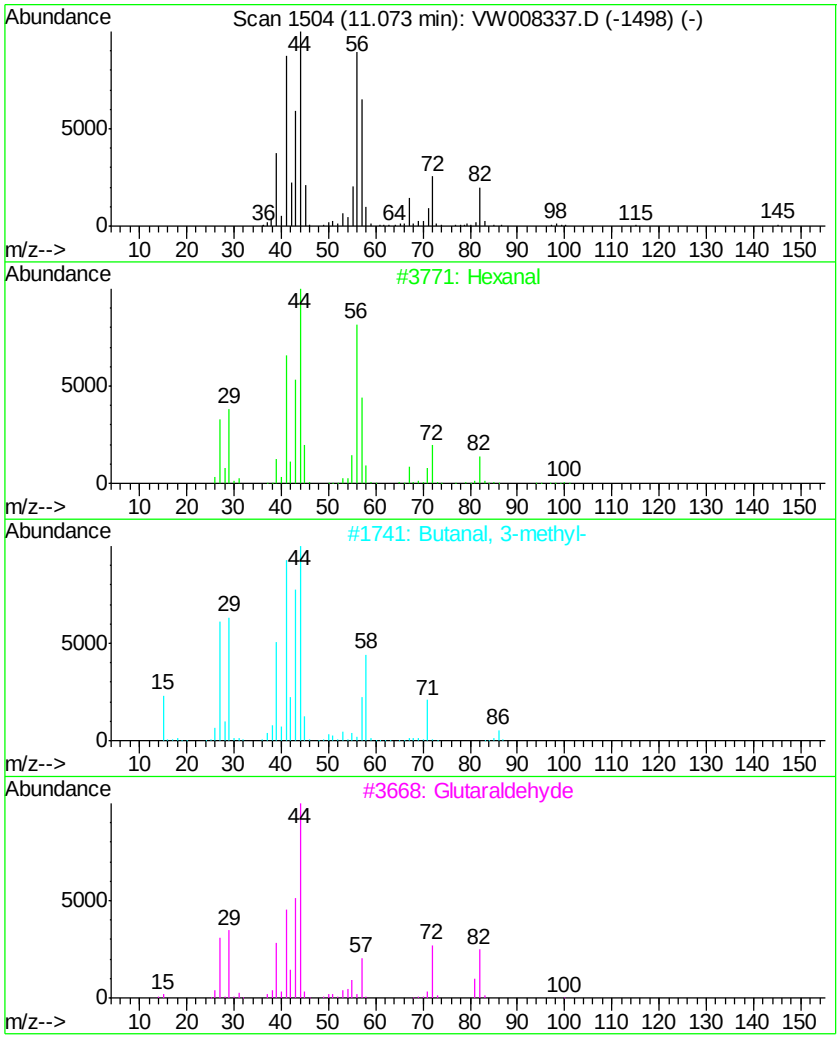
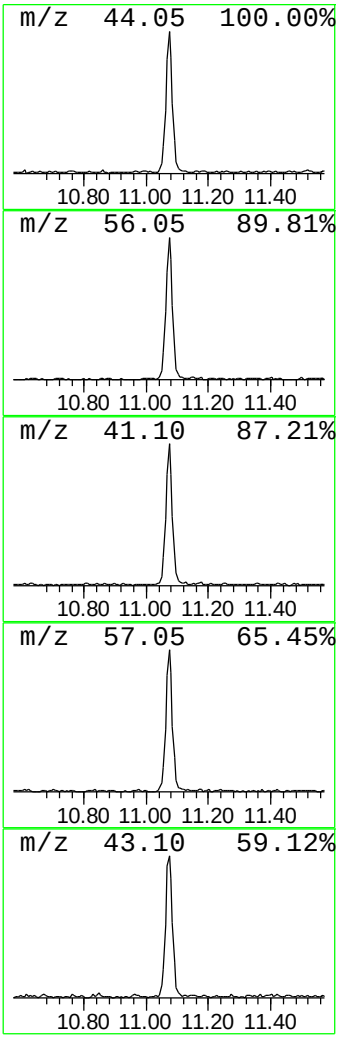
Peak Number 1 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	15.07 ug/l	150795	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	90
2	Butanal, 3-methyl-	86	C5H10O	000590-86-3	35
3	Glutaraldehyde	100	C5H8O2	000111-30-8	32
4	Urea, trimethyl-	102	C4H10N2O	000632-14-4	32
5	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	27





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ClientSampleId : SITE4-05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
Quant Title : SW846 8260

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

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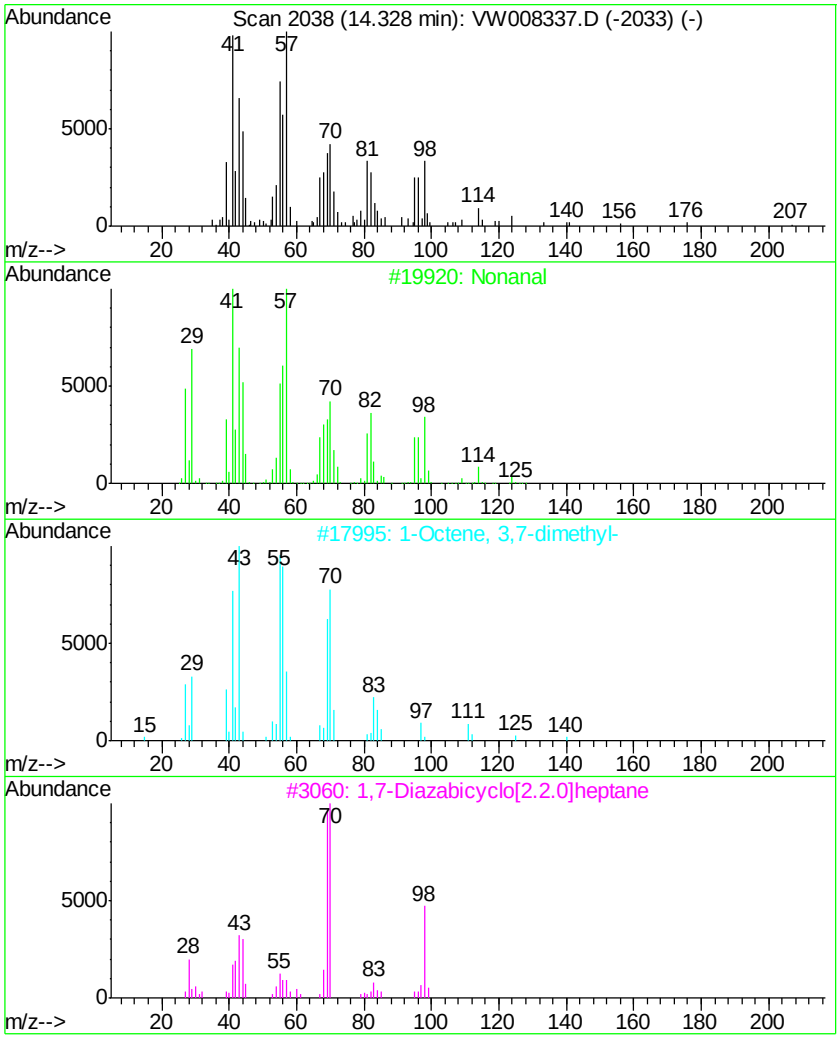
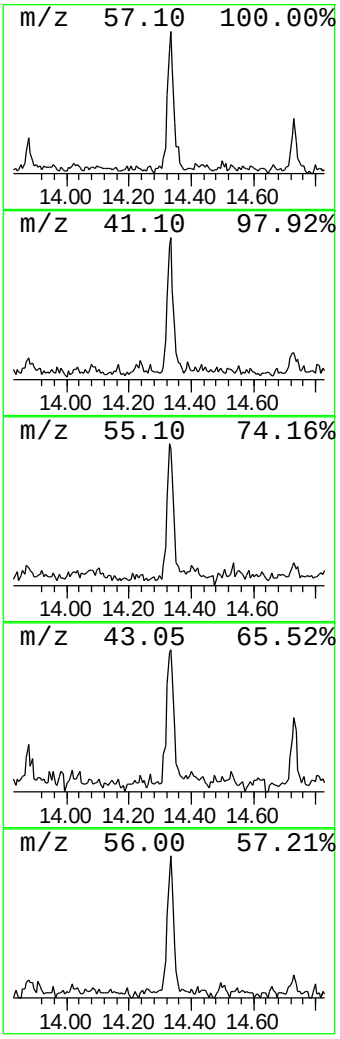
Peak Number 2 Nonanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	5.51 ug/l	52891	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	87
2	1-Octene, 3,7-dimethyl-	140	C10H20	004984-01-4	38
3	1,7-Diazabicyclo[2.2.0]heptane	98	C5H10N2	000279-42-5	38
4	2H-Pyran-2-one, tetrahydro-4,4,6...	142	C8H14O2	010603-06-2	35
5	Heptane, 4-chloro-	134	C7H15Cl	000998-95-8	27





Tentatively Identified Compound (LSC) summary

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ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SITE4-05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
Quant Title : SW846 8260

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexanal	11.07	15.1	ug/l	150795	3	11.63	500411	50.0
Nonanal	14.33	5.5	ug/l	52891	4	13.56	479613	50.0