LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071219\
Data File : VV011871.D
Acq On : 12 Jul 2019 17:29
Operator : SY/MD
Sample : K3772-17
Misc : 25ML/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A52S2

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\SOMVTR071219WMA.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	1.116	3	8	20	rVB3	31776	34771	5.12%	0.475%
2	1.319	62	71	83	rBV	107056	110434	16.27%	1.509%
3	1.582	146	153	167	rVB	81400	94724	13.95%	1.294%
4	2.132	313	324	333	rBV	135979	191419	28.20%	2.616%
5	2.193	333	343	367	rVB	112199	187089	27.56%	2.557%
6	2.537	439	450	460	rBV	8507	14309	2.11%	0.196%
7	3.942	874	887	903	rBV	86545	237855	35.04%	3.250%
8	4.026	905	913	940	rVB	53076	144288	21.26%	1.972%
9	4.399	1012	1029	1059	rBV3	209746	532082	78.38%	7.271%
10	5.097	1227	1246	1273	rBV2	283137	678839	100.00%	9.276%
11	5.663	1406	1422	1446	rBV	201796	406056	59.82%	5.549%
12	5.946	1498	1510	1527	rVB3	14944	33484	4.93%	0.458%
13	6.116	1549	1563	1583	rBV	158212	319208	47.02%	4.362%
14	6.335	1624	1631	1648	rBV4	9320	18229	2.69%	0.249%
15	7.029	1835	1847	1860	rBV2	72062	130049	19.16%	1.777%
16	7.277	1912	1924	1934	rBV2	24166	44374	6.54%	0.606%
17	7.360	1938	1950	1966	rVV	320783	552773	81.43%	7.554%
18	7.666	2035	2045	2057	rBV	43173	75038	11.05%	1.025%
19	7.981	2133	2143	2156	rBV2	13802	26322	3.88%	0.360%
20	8.135	2179	2191	2227	rBV2	312368	625292	92.11%	8.545%
21	8.286	2227	2238	2259	rVB	74249	132648	19.54%	1.813%
22	8.894	2414	2427	2450	rBV	301452	503031	74.10%	6.874%
23	9.055	2468	2477	2489	rVB	17256	28152	4.15%	0.385%
24	9.180	2507	2516	2524	rBV	17436	26809	3.95%	0.366%
25	9.585	2633	2642	2657	rVB4	13731	30614	4.51%	0.418%
26	9.852	2715	2725	2735	rBV6	10888	19214	2.83%	0.263%
27	10.061	2778	2790	2800	rBV6	7389	14903	2.20%	0.204%
28	10.260	2841	2852	2866	rVB	82548	133165	19.62%	1.820%
29	10.421	2892	2902	2913	rBV	28676	45595	6.72%	0.623%
30	10.958	3058	3069	3089	rVB4	18632	39164	5.77%	0.535%
31	11.196	3136	3143	3161	rVB4	11390	20660	3.04%	0.282%
32	11.293	3161	3173	3192	rVV	301075	487692	71.84%	6.664%
33	11.379	3192	3200	3213	rVB3	11058	18957	2.79%	0.259%
34	11.579	3248	3262	3278	rBV	77105	150580	22.18%	2.058%

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ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071219WMA.M
Title : TRACE VOA SOM01.0

35	11.669	3279	3290	3309	rVB	308209	512579	75.51%	7.004%
36	11.862	3343	3350	3360	rBV	4612	7946	1.17%	0.109%
37	11.958	3371	3380	3384	rBV5	5197	7961	1.17%	0.109%
38	11.987	3384	3389	3396	rVB4	6462	8515	1.25%	0.116%
39	12.061	3398	3412	3423	rVV4	18597	37166	5.47%	0.508%
40	12.293	3475	3484	3497	rBV2	11553	23577	3.47%	0.322%
41	12.363	3498	3506	3509	rVV	12239	18911	2.79%	0.258%
42	12.389	3510	3514	3523	rVV3	22293	35294	5.20%	0.482%
43	12.453	3523	3534	3543	rVV4	40541	87460	12.88%	1.195%
44	12.511	3543	3552	3566	rVB	64565	101726	14.99%	1.390%
45	12.772	3620	3633	3649	rBV3	24011	51187	7.54%	0.699%
46	12.926	3666	3681	3695	rBV3	88397	144954	21.35%	1.981%
47	13.003	3697	3705	3714	rVB7	7111	10908	1.61%	0.149%
48	13.096	3724	3734	3743	rBV7	5196	8894	1.31%	0.122%
49	13.315	3791	3802	3808	rBV7	7935	14459	2.13%	0.198%
50	13.550	3864	3875	3890	rVB	85847	138707	20.43%	1.895%

Sum of corrected areas: 7318063

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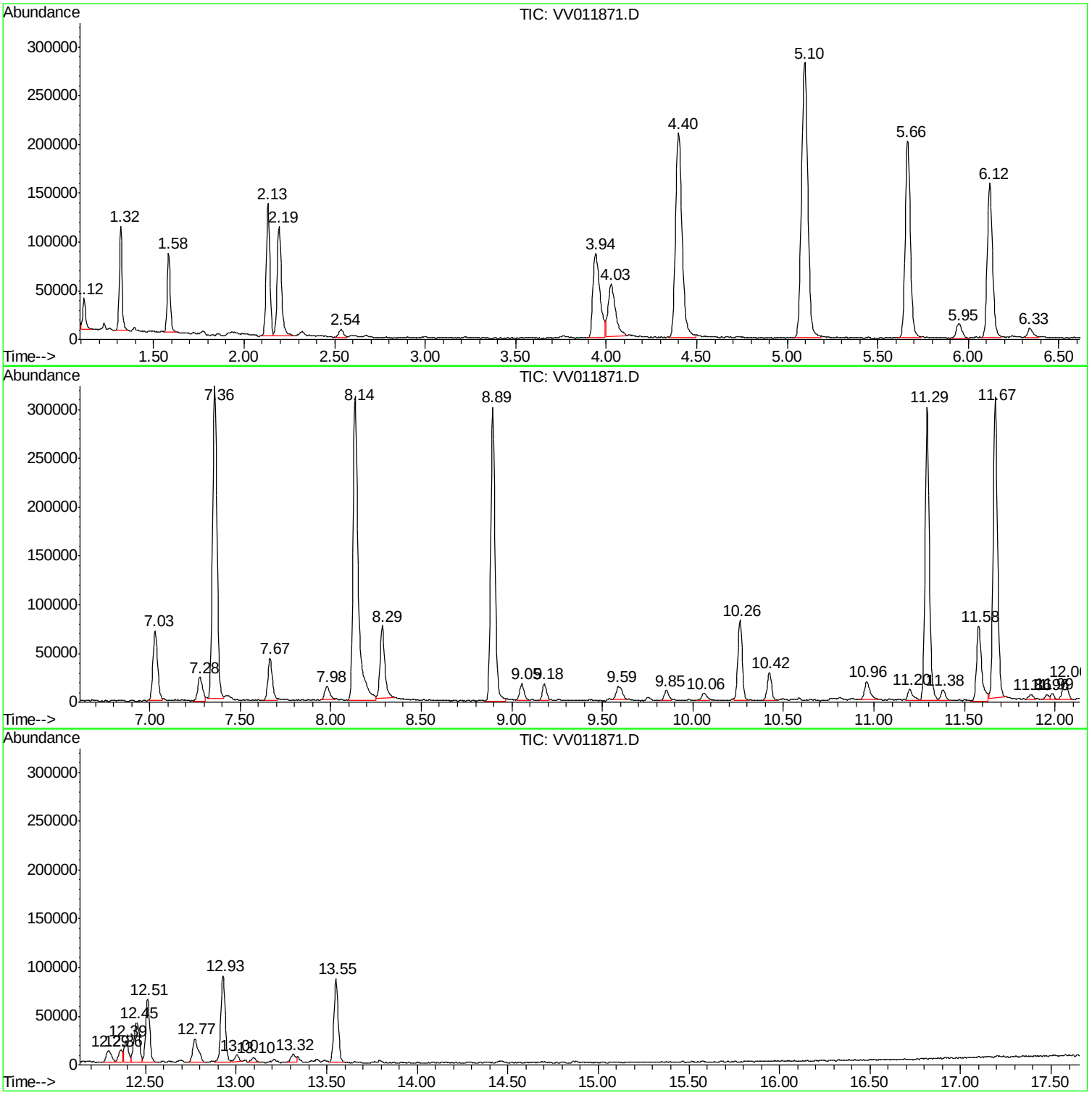
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071219WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

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ClientSampleId : A52S2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071219WMA.M
Quant Title : TRACE VOA SOM01.0

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

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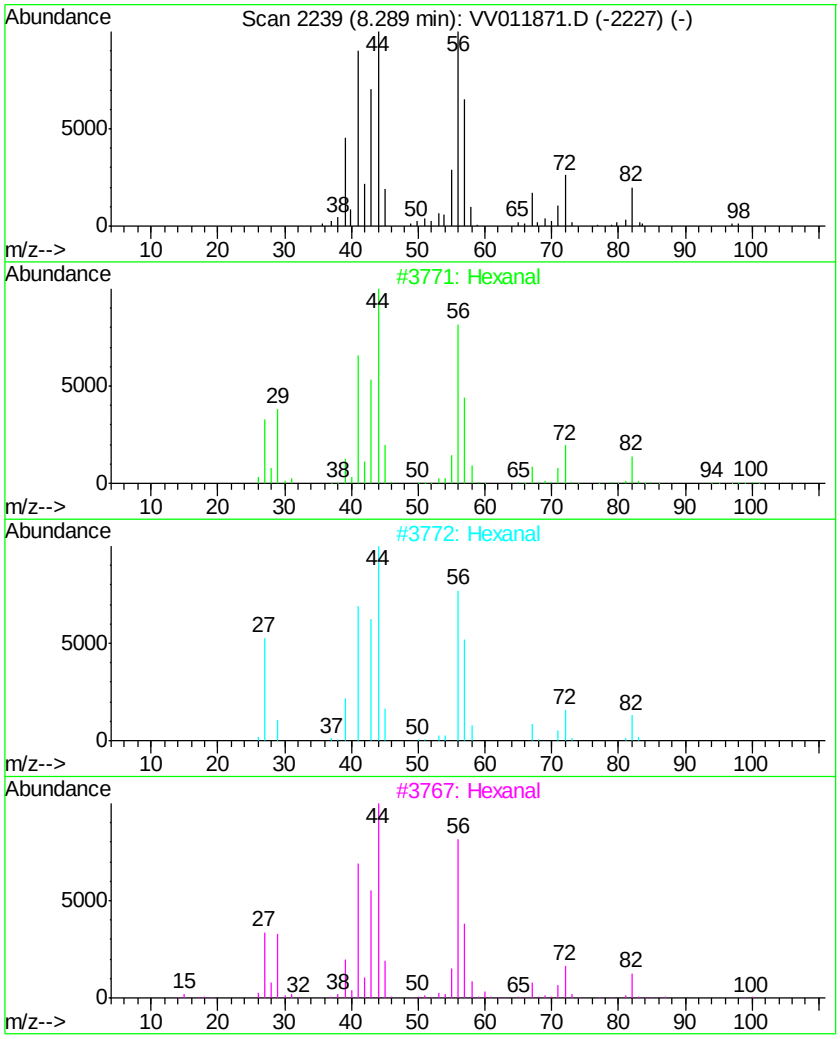
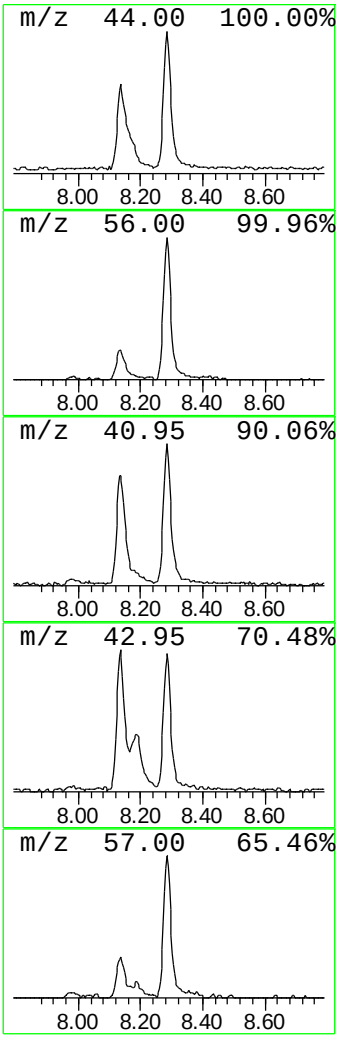
Peak Number 2 Hexanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	1.32 ug/L	132648	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	72
2	Hexanal	100	C6H12O	000066-25-1	64
3	Hexanal	100	C6H12O	000066-25-1	64
4	Hexanal	100	C6H12O	000066-25-1	53
5	2-Formylhistamine	139	C6H9N3O	1000132-95-8	27





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Instrument : MSVOA_V
ClientSampleId : A52S2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071219WMA.M
Quant Title : TRACE VOA SOM01.0

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

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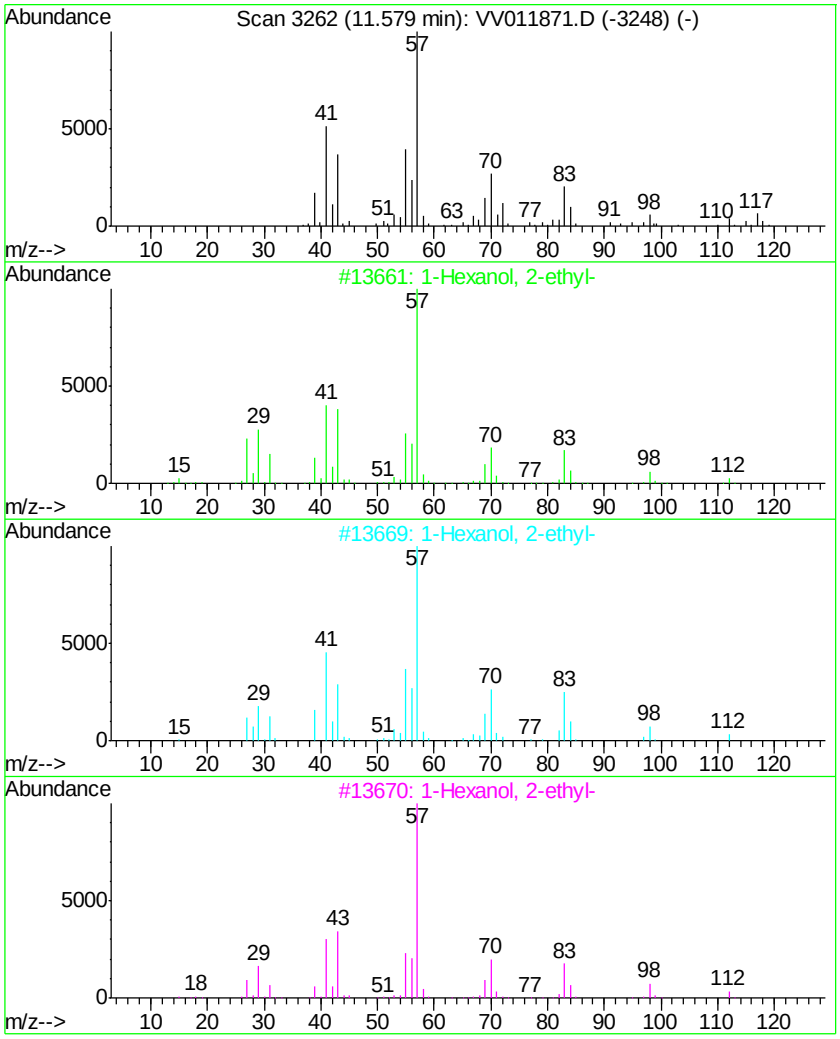
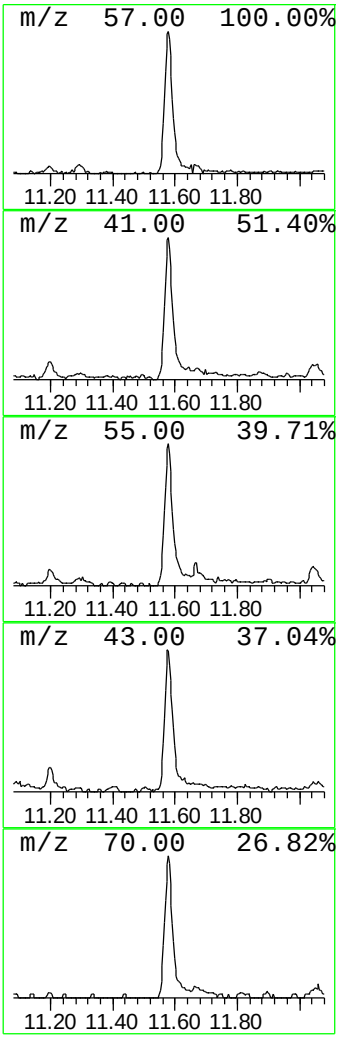
Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	1.54 ug/L	150580	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	53





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Misc : 25ML/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A52S2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071219WMA.M
Quant Title : TRACE VOA SOM01.0

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

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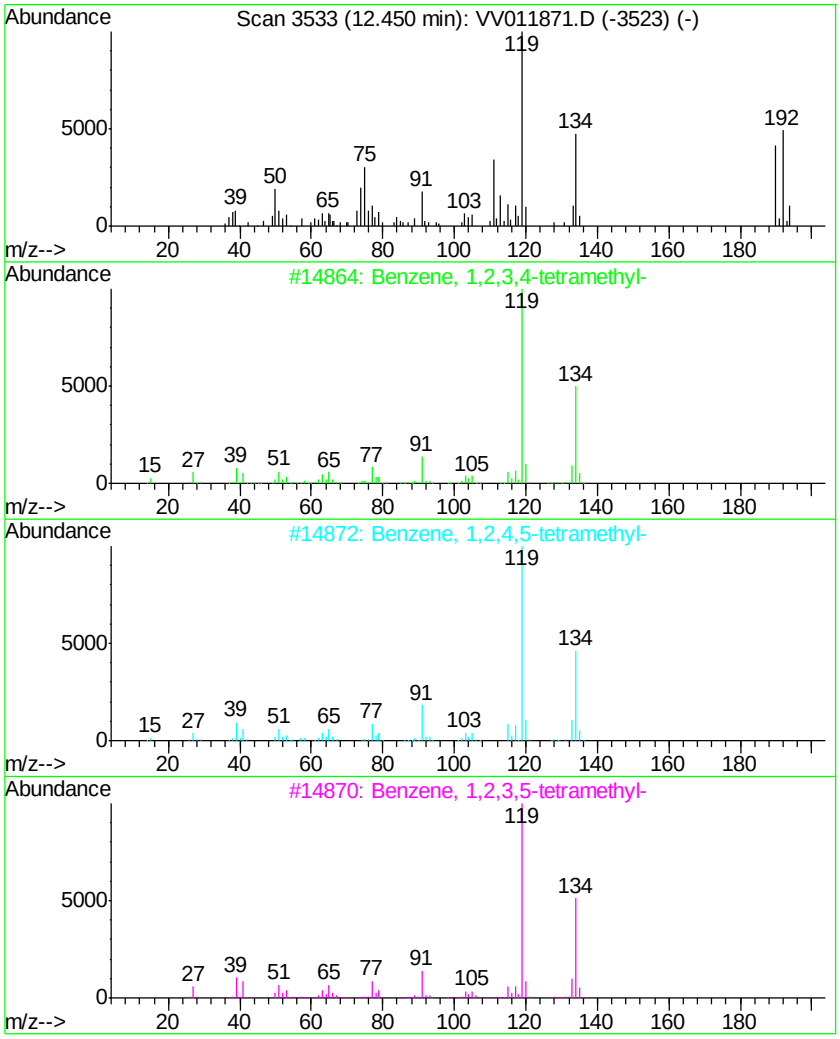
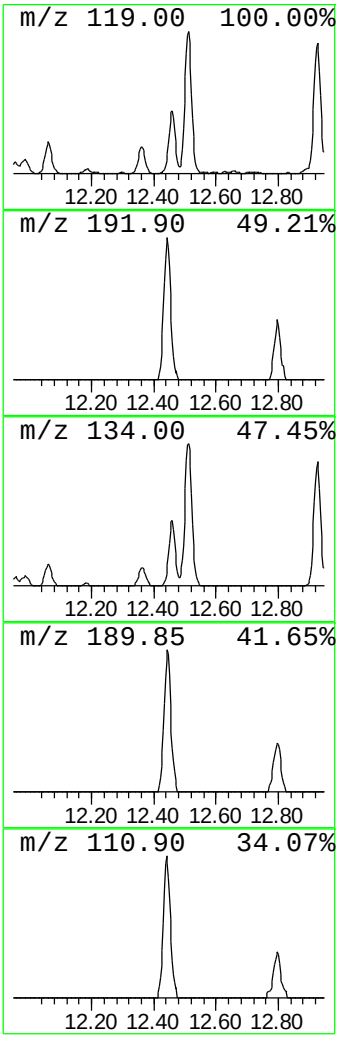
Peak Number 4 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	0.90 ug/L	87460	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	92
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	92





Library Search Compound Report

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ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A52S2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071219WMA.M
Quant Title : TRACE VOA SOM01.0

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

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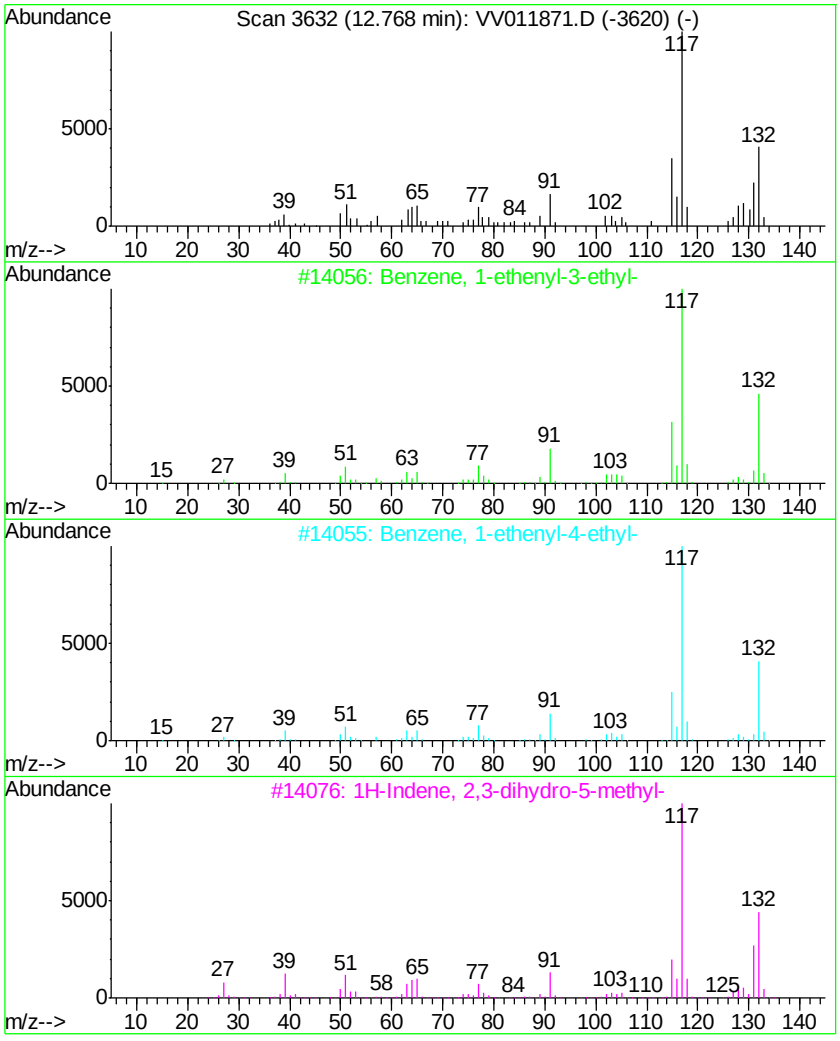
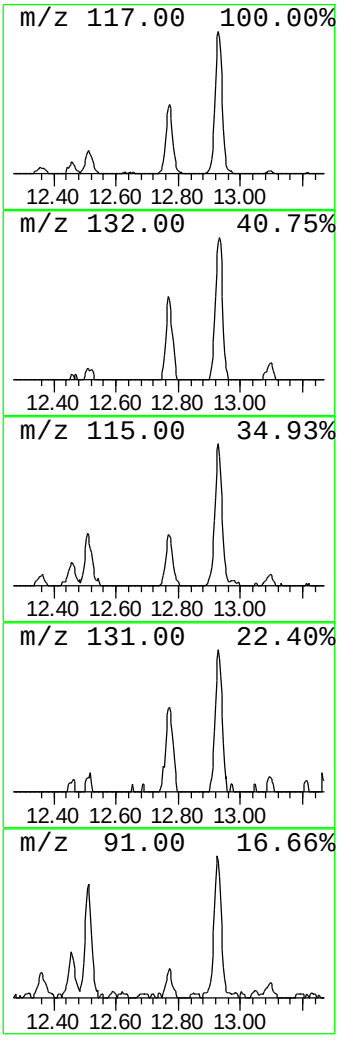
Peak Number 6 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	0.52 ug/L	51187	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	94
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87





Tentatively Identified Compound (LSC) summary

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Quant Title : TRACE VOA SOM01.0

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexanal	8.29	1.3	ug/L	132648	2	8.89	503031	5.0
1-Hexanol, 2-ethyl-	11.58	1.5	ug/L	150580	3	11.29	487692	5.0
Benzene, 1,2,3,4-...	12.45	0.9	ug/L	87460	3	11.29	487692	5.0
Benzene, 1-etheny...	12.77	0.5	ug/L	51187	3	11.29	487692	5.0