LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044216.D
Acq On : 10 Dec 2024 18:20
Operator : JC/MD
Sample : P5220-03 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GAS-AUD-1610-1611-1612

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_X\Method\82X112124W.M
Title : SW846 8260

Signal : TIC: VX044216.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.587	68	82	84	rBV6	19391	68059	9.91%	1.283%
2	1.654	92	93	95	rVB	17875	7659	1.11%	0.144%
3	2.934	296	303	311	rBV5	2708	8059	1.17%	0.152%
4	5.385	695	705	721	rBV	78720	233457	33.98%	4.401%
5	5.544	721	731	747	rVV2	126826	361847	52.66%	6.821%
6	5.952	787	798	813	rBV	98348	259175	37.72%	4.885%
7	6.757	921	930	945	rBV	208775	503116	73.23%	9.484%
8	7.251	1006	1011	1017	rBV5	3466	9470	1.38%	0.179%
9	8.647	1233	1240	1247	rBV	439979	687079	100.00%	12.951%
10	8.720	1247	1252	1268	rVB	137589	228089	33.20%	4.299%
11	9.531	1378	1385	1396	rBV5	6749	16145	2.35%	0.304%
12	10.055	1465	1471	1479	rBV	422983	586310	85.33%	11.052%
13	10.195	1490	1494	1500	rVB2	16834	22709	3.31%	0.428%
14	10.299	1505	1511	1518	rVV	51335	75931	11.05%	1.431%
15	10.640	1562	1567	1578	rBV	35045	51085	7.44%	0.963%
16	10.963	1616	1620	1626	rVB3	5388	7102	1.03%	0.134%
17	11.079	1634	1639	1652	rBV	329600	441621	64.28%	8.324%
18	11.305	1672	1676	1680	rBV	8119	9777	1.42%	0.184%
19	11.378	1684	1688	1695	rVV	32311	59927	8.72%	1.130%
20	11.451	1697	1700	1702	rVV2	16070	20916	3.04%	0.394%
21	11.476	1702	1704	1709	rVB	14662	16878	2.46%	0.318%
22	11.610	1722	1726	1735	rBV	21996	32914	4.79%	0.620%
23	11.750	1745	1749	1758	rVB	61236	82926	12.07%	1.563%
24	11.890	1769	1772	1776	rVB3	6001	8147	1.19%	0.154%
25	12.018	1788	1793	1800	rVV	393413	522784	76.09%	9.854%
26	12.085	1800	1804	1812	rVB	30551	49353	7.18%	0.930%
27	12.244	1824	1830	1838	rBV3	25467	47390	6.90%	0.893%
28	12.317	1838	1842	1851	rVB4	16899	27310	3.97%	0.515%
29	12.421	1853	1859	1863	rBV	25384	33267	4.84%	0.627%
30	12.463	1863	1866	1871	rVB	9945	13758	2.00%	0.259%
31	12.530	1871	1877	1879	rBV	11693	15345	2.23%	0.289%
32	12.555	1879	1881	1885	rVB2	9313	9487	1.38%	0.179%
33	12.616	1887	1891	1893	rBV	9000	10516	1.53%	0.198%
34	12.701	1899	1905	1908	rBV2	12740	24619	3.58%	0.464%
35	12.963	1944	1948	1956	rVB2	16294	27241	3.96%	0.513%
36	13.042	1956	1961	1964	rBV5	7411	11787	1.72%	0.222%

LSC Area Percent Report

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Acq On : 10 Dec 2024 18:20
Operator : JC/MD
Sample : P5220-03 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GAS-AUD-1610-1611-1612

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_X\Method\82X112124W.M
Title : SW846 8260

37	13.170	1978	1982	1985	rVB2	13536	16976	2.47%	0.320%
38	13.268	1992	1998	1999	rBV	30770	38042	5.54%	0.717%
39	13.292	1999	2002	2007	rVB2	40436	58253	8.48%	1.098%
40	13.384	2013	2017	2019	rBV2	6485	8762	1.28%	0.165%
41	13.420	2019	2023	2032	rVB	39228	59337	8.64%	1.118%
42	13.500	2032	2036	2040	rBV6	5802	10462	1.52%	0.197%
43	13.548	2040	2044	2046	rBV2	6813	8679	1.26%	0.164%
44	13.585	2046	2050	2057	rBV6	9381	16344	2.38%	0.308%
45	13.664	2060	2063	2067	rVV6	7386	13648	1.99%	0.257%
46	13.774	2077	2081	2087	rVV2	9363	16838	2.45%	0.317%
47	13.847	2087	2093	2099	rVB6	15842	32501	4.73%	0.613%
48	13.926	2099	2106	2110	rBV4	15566	26364	3.84%	0.497%
49	14.036	2120	2124	2128	rBV2	33206	34808	5.07%	0.656%
50	14.073	2128	2130	2135	rVV6	6936	9286	1.35%	0.175%
51	14.231	2148	2156	2163	rVB3	31126	56848	8.27%	1.072%
52	14.371	2176	2179	2183	rBV3	9319	11410	1.66%	0.215%
53	14.475	2192	2196	2205	rBV5	24223	46284	6.74%	0.872%
54	14.609	2215	2218	2221	rBV3	21780	29692	4.32%	0.560%
55	14.670	2225	2228	2233	rVB4	9436	14289	2.08%	0.269%
56	14.755	2234	2242	2245	rBV	38669	51753	7.53%	0.976%
57	14.841	2254	2256	2263	rVB7	6490	9079	1.32%	0.171%
58	15.097	2293	2298	2301	rBV7	4446	7348	1.07%	0.139%
59	15.182	2308	2312	2314	rBV3	13275	18071	2.63%	0.341%
60	15.213	2314	2317	2320	rVV4	15341	20327	2.96%	0.383%
61	15.274	2324	2327	2331	rVB5	5531	7370	1.07%	0.139%
62	15.371	2340	2343	2348	rBV7	4875	8953	1.30%	0.169%
63	15.487	2357	2362	2367	rBV2	35144	52587	7.65%	0.991%
64	16.371	2501	2507	2514	rVB3	17214	29540	4.30%	0.557%

Sum of corrected areas: 5305106

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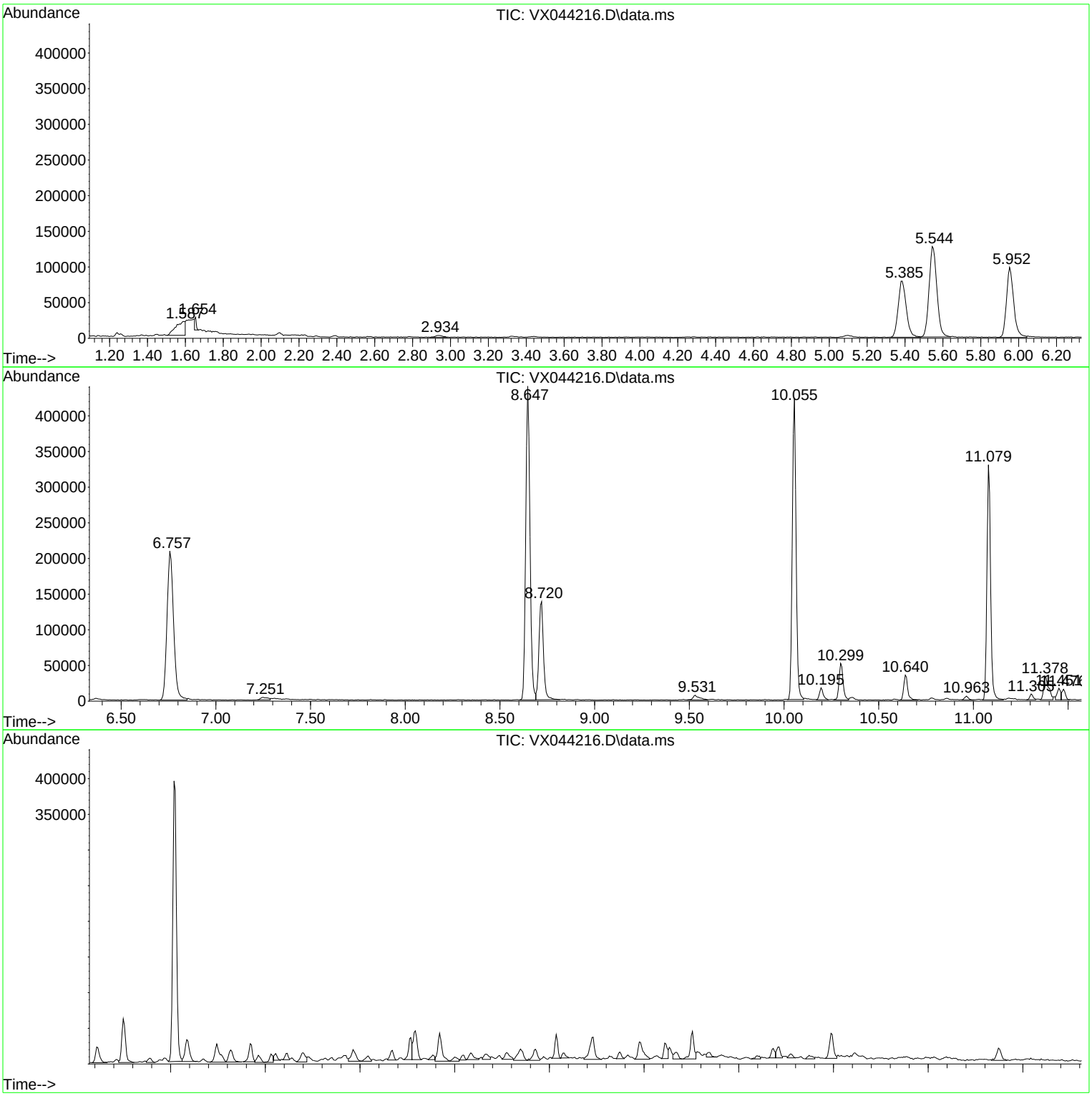
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GAS-AUD-1610-1611-1612

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
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Operator : JC/MD
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Instrument :
MSVOA_X
ClientSampleId :
GAS-AUD-1610-1611-1612

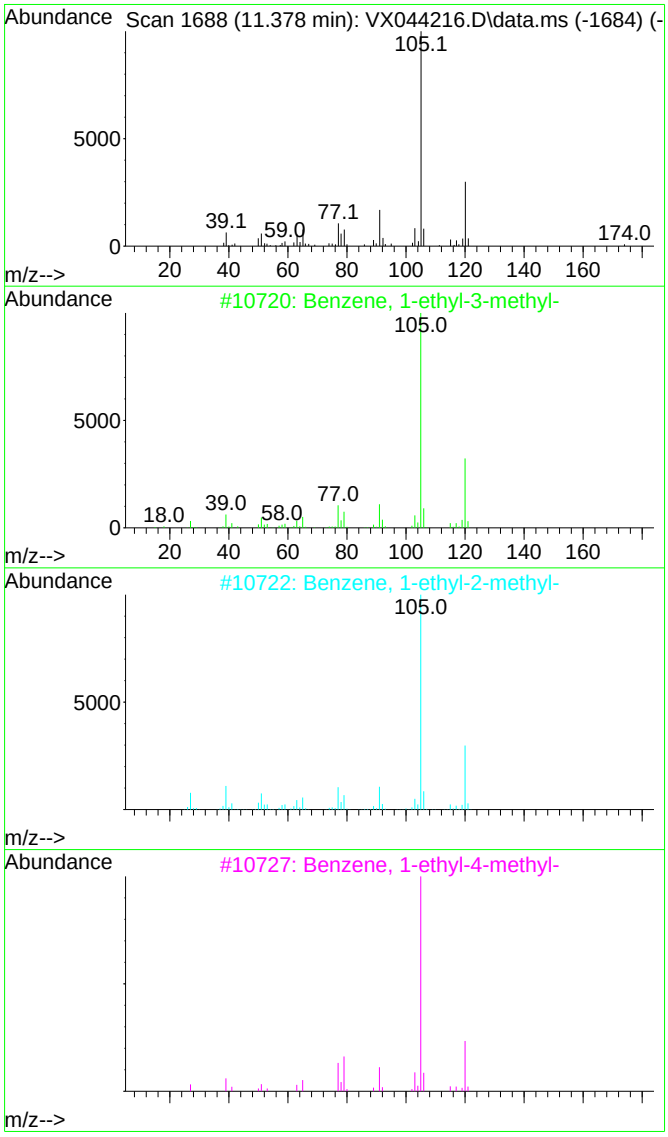
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260

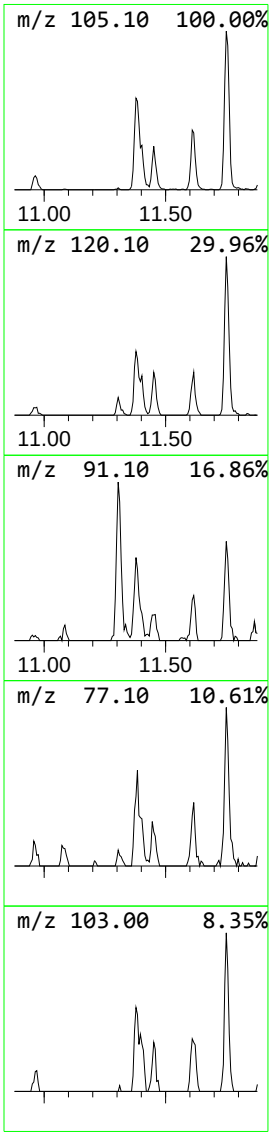
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.378	5.73 ug/l	59927	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
Data File : VX044216.D
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Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GAS-AUD-1610-1611-1612

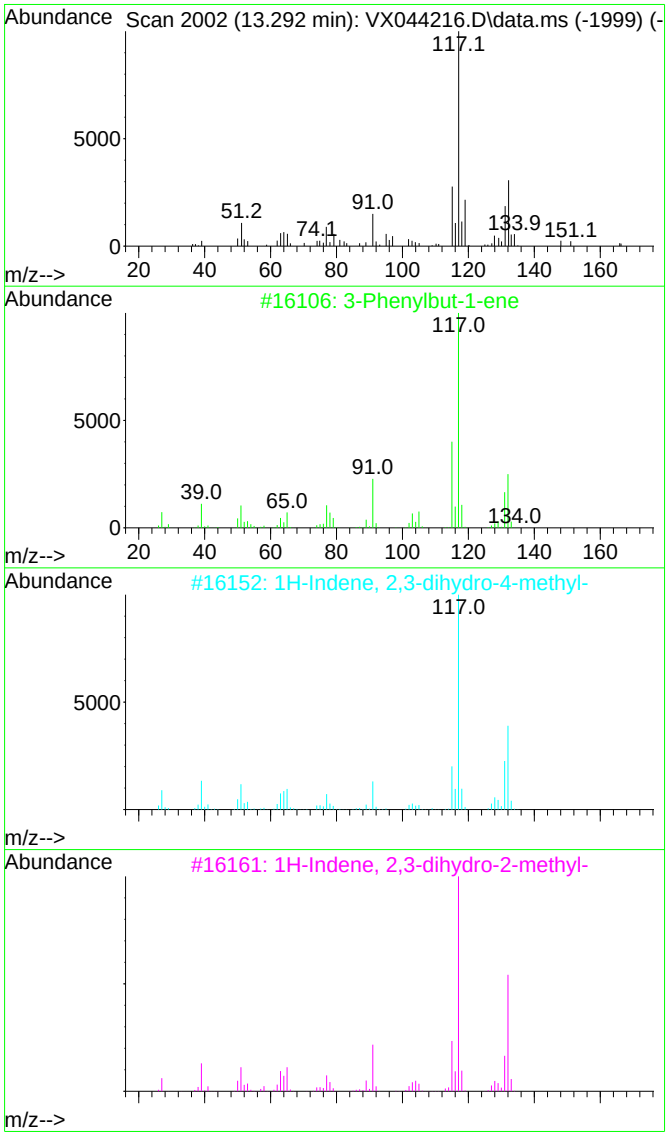
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260

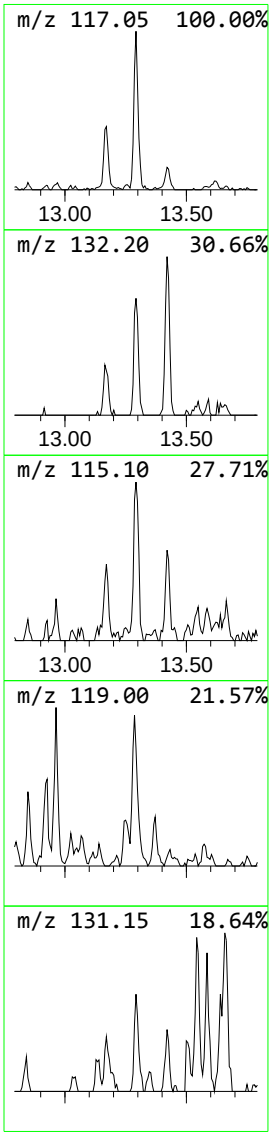
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 3-Phenylbut-1-ene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	5.57 ug/l	58253	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
3	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	83
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	83





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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GAS-AUD-1610-1611-1612

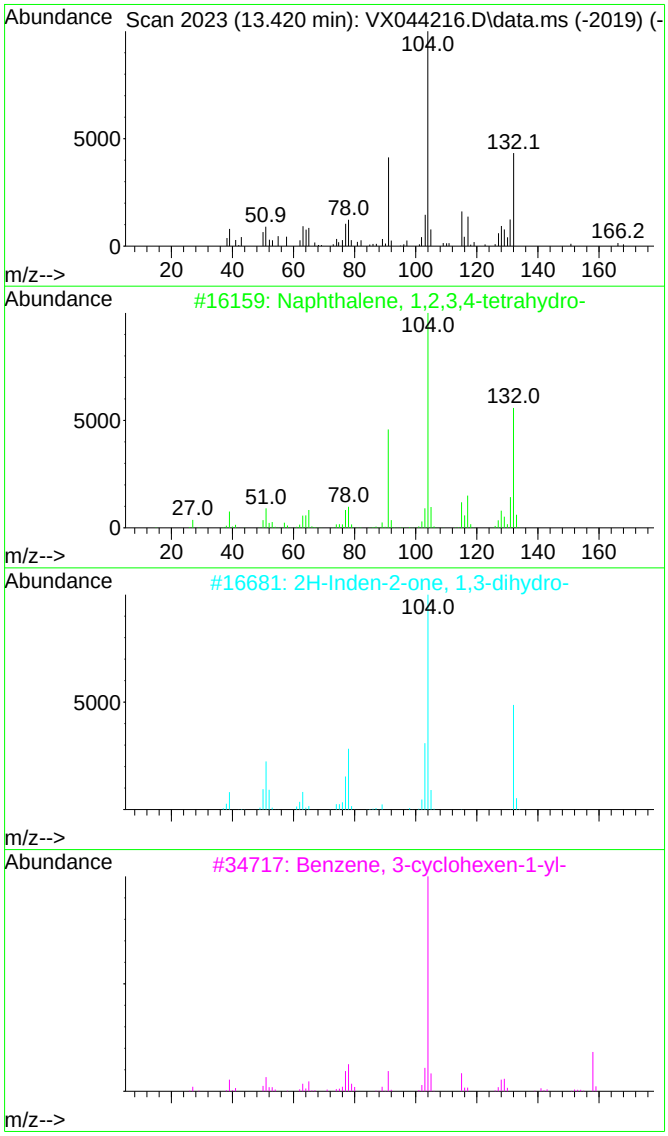
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260

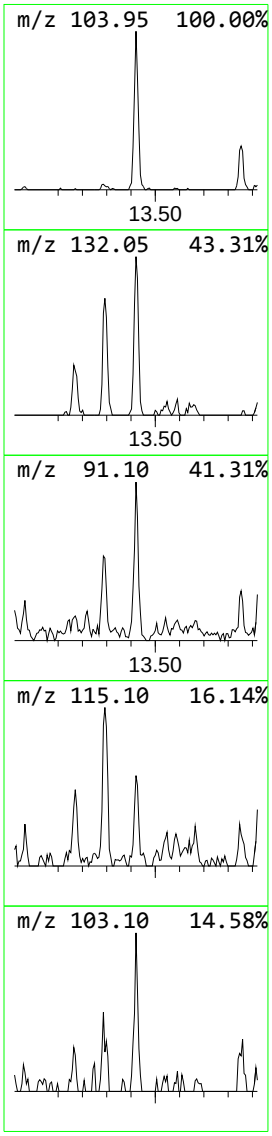
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.420	5.68 ug/l	59337	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	50
3	Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	47
4	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	43
5	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	42





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Sample : P5220-03 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GAS-AUD-1610-1611-1612

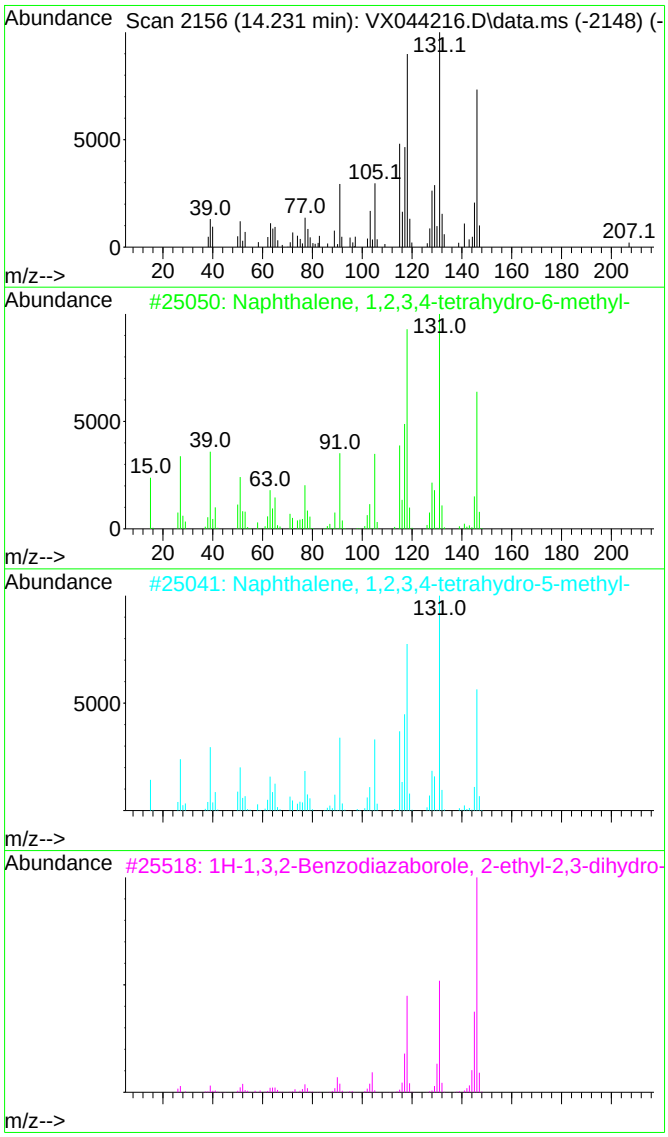
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260

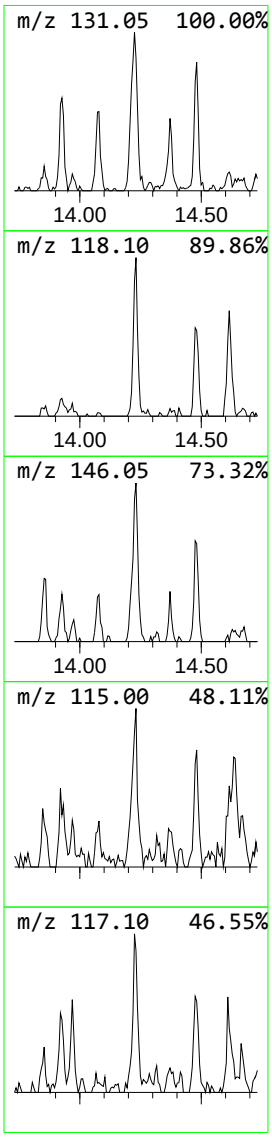
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.231	5.44 ug/l	56848	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	90
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	70
4	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	58
5	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	55





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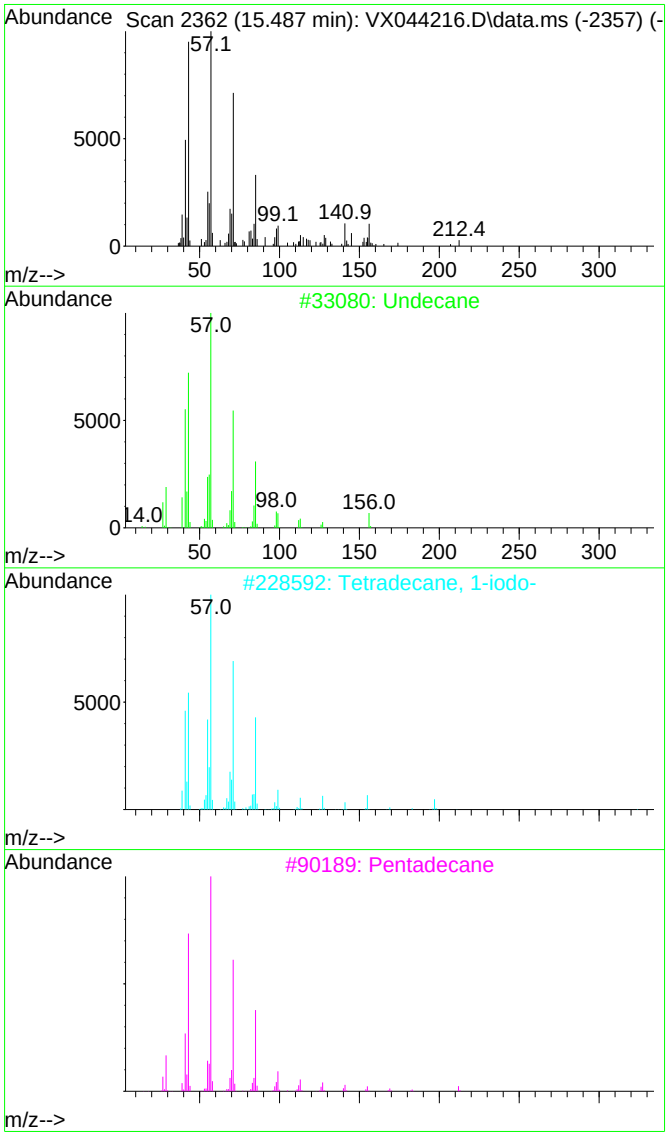
Quant Title : SW846 8260

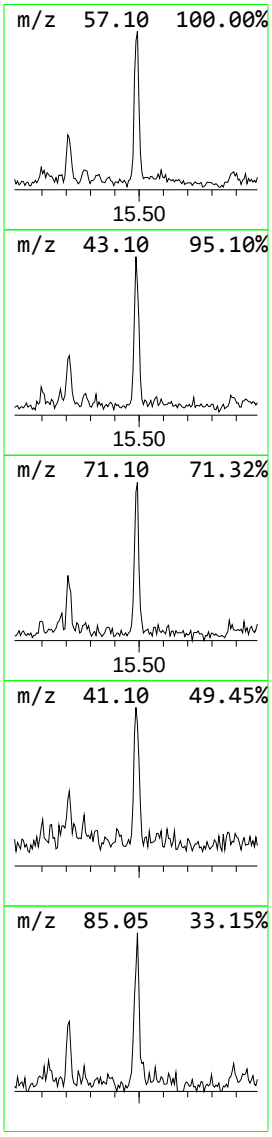
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Undecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.487	5.03 ug/l	52587	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	93
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	83
3	Pentadecane	212	C15H32	000629-62-9	81
4	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	80
5	Tetradecane	198	C14H30	000629-59-4	74





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethy...	11.378	5.7	ug/l	59927	4	12.024	522784	50.0
3-Phenylbut-1-ene	13.292	5.6	ug/l	58253	4	12.024	522784	50.0
Naphthalene, 1,...	13.420	5.7	ug/l	59337	4	12.024	522784	50.0
Naphthalene, 1,...	14.231	5.4	ug/l	56848	4	12.024	522784	50.0
Undecane	15.487	5.0	ug/l	52587	4	12.024	522784	50.0