LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062019\
Data File : VX010364.D
Acq On : 20 Jun 2019 17:58
Operator : JC/SP
Sample : K3469-13
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T11-MW-13-8.0-061919

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\82X061919W.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	1.276	16	20	23	rBV	68305	93485	6.97%	0.841%
2	1.312	23	26	37	rVB2	27748	79278	5.91%	0.713%
3	2.440	205	211	220	rVB	21282	36420	2.71%	0.328%
4	2.611	229	239	245	rBV	27307	55740	4.15%	0.501%
5	3.031	299	308	314	rBV5	4814	14856	1.11%	0.134%
6	3.196	326	335	345	rBV	81891	189628	14.13%	1.705%
7	5.501	701	713	724	rBV2	164353	477090	35.55%	4.291%
8	5.659	729	739	755	rVB	285816	802922	59.83%	7.221%
9	6.061	793	805	816	rBV	152606	410700	30.60%	3.694%
10	6.141	816	818	826	rVB2	6839	13564	1.01%	0.122%
11	6.860	925	936	948	rBV	419012	986732	73.53%	8.874%
12	7.464	1026	1035	1043	rBV5	10495	26403	1.97%	0.237%
13	8.713	1234	1240	1248	rVB	857285	1341968	100.00%	12.069%
14	9.037	1289	1293	1299	rBV2	11286	18502	1.38%	0.166%
15	9.305	1332	1337	1343	rVB	13944	22071	1.64%	0.199%
16	9.677	1393	1398	1403	rBV2	11473	17270	1.29%	0.155%
17	10.109	1464	1469	1479	rBV	818154	1114462	83.05%	10.023%
18	10.652	1552	1558	1563	rVV6	7590	17155	1.28%	0.154%
19	10.835	1583	1588	1592	rVB5	10145	15559	1.16%	0.140%
20	10.914	1596	1601	1613	rBV5	8895	32307	2.41%	0.291%
21	11.018	1613	1618	1622	rBV	61194	78441	5.85%	0.705%
22	11.134	1631	1637	1643	rBV	711274	898709	66.97%	8.083%
23	11.274	1656	1660	1664	rVB4	10872	16093	1.20%	0.145%
24	11.359	1669	1674	1682	rVB	64147	85350	6.36%	0.768%
25	11.762	1732	1740	1744	rBV2	12293	22627	1.69%	0.204%
26	11.920	1757	1766	1767	rBV2	12659	20707	1.54%	0.186%
27	11.945	1767	1770	1778	rVV	37440	49535	3.69%	0.446%
28	12.079	1786	1792	1798	rBV	834563	1079512	80.44%	9.709%
29	12.231	1812	1817	1821	rBV	20919	23928	1.78%	0.215%
30	12.298	1821	1828	1833	rVV	224199	284005	21.16%	2.554%
31	12.365	1835	1839	1847	rVB4	32827	61634	4.59%	0.554%
32	12.457	1847	1854	1860	rBV	38262	55358	4.13%	0.498%
33	12.511	1860	1863	1870	rBV4	8967	14815	1.10%	0.133%
34	12.664	1883	1888	1891	rBV	122367	146187	10.89%	1.315%

LSC Area Percent Report

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Operator : JC/SP
Sample : K3469-13
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T11-MW-13-8.0-061919

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Title : SW846 8260

35	12.700	1891	1894	1899	rVV2	49502	72080	5.37%	0.648%
36	12.755	1899	1903	1910	rVB2	138973	215085	16.03%	1.934%
37	12.896	1917	1926	1930	rVB2	29613	56407	4.20%	0.507%
38	12.975	1931	1939	1944	rBV	115202	155615	11.60%	1.400%
39	13.085	1952	1957	1962	rVB3	16543	29509	2.20%	0.265%
40	13.146	1962	1967	1970	rBV	15424	22955	1.71%	0.206%
41	13.194	1970	1975	1977	rBV	20237	27774	2.07%	0.250%
42	13.225	1977	1980	1983	rVB	22182	24275	1.81%	0.218%
43	13.310	1988	1994	1995	rBV5	12152	18660	1.39%	0.168%
44	13.347	1995	2000	2006	rVV2	299845	445883	33.23%	4.010%
45	13.426	2010	2013	2017	rVV	38662	55412	4.13%	0.498%
46	13.475	2017	2021	2027	rVB	87639	117483	8.75%	1.057%
47	13.560	2032	2035	2038	rVV3	16404	23657	1.76%	0.213%
48	13.597	2038	2041	2044	rVV	20853	30005	2.24%	0.270%
49	13.639	2044	2048	2052	rVV2	47760	74439	5.55%	0.669%
50	13.700	2052	2058	2059	rVV2	34454	63996	4.77%	0.576%
51	13.719	2059	2061	2070	rVB3	50890	86190	6.42%	0.775%
52	13.834	2076	2080	2087	rVB2	79954	128208	9.55%	1.153%
53	13.908	2087	2092	2097	rBV	30868	40561	3.02%	0.365%
54	13.981	2097	2104	2108	rBV2	47203	70327	5.24%	0.633%
55	14.030	2108	2112	2116	rBV2	18018	22208	1.65%	0.200%
56	14.127	2123	2128	2131	rBV2	17919	29401	2.19%	0.264%
57	14.158	2131	2133	2141	rVB7	20485	32408	2.41%	0.291%
58	14.377	2165	2169	2173	rVB	15797	19964	1.49%	0.180%
59	14.426	2173	2177	2182	rVV	24087	31673	2.36%	0.285%
60	14.536	2190	2195	2203	rBV2	70800	97988	7.30%	0.881%
61	14.694	2214	2221	2224	rBV	47389	67452	5.03%	0.607%
62	14.731	2224	2227	2230	rVB2	12388	13669	1.02%	0.123%
63	14.779	2231	2235	2239	rVB5	9317	14978	1.12%	0.135%
64	14.834	2239	2244	2249	rBV	102574	150060	11.18%	1.350%
65	15.243	2304	2311	2318	rBV3	12077	25793	1.92%	0.232%
66	15.444	2338	2344	2346	rBV	13148	18823	1.40%	0.169%
67	15.474	2346	2349	2353	rVB3	10239	15766	1.17%	0.142%
68	15.548	2356	2361	2366	rBV	30690	48080	3.58%	0.432%
69	15.688	2376	2384	2387	rBV	52287	88516	6.60%	0.796%
70	15.724	2387	2390	2396	rVB	21588	31271	2.33%	0.281%
71	16.066	2439	2446	2452	rBV4	11373	21505	1.60%	0.193%

LSC Area Percent Report

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Instrument : MSVOA_X
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Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
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Peak separation: 5

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Title : SW846 8260

72	16.419	2496	2504	2511	rBV	12460	27659	2.06%	0.249%

Sum of corrected areas: 11118748

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062019\
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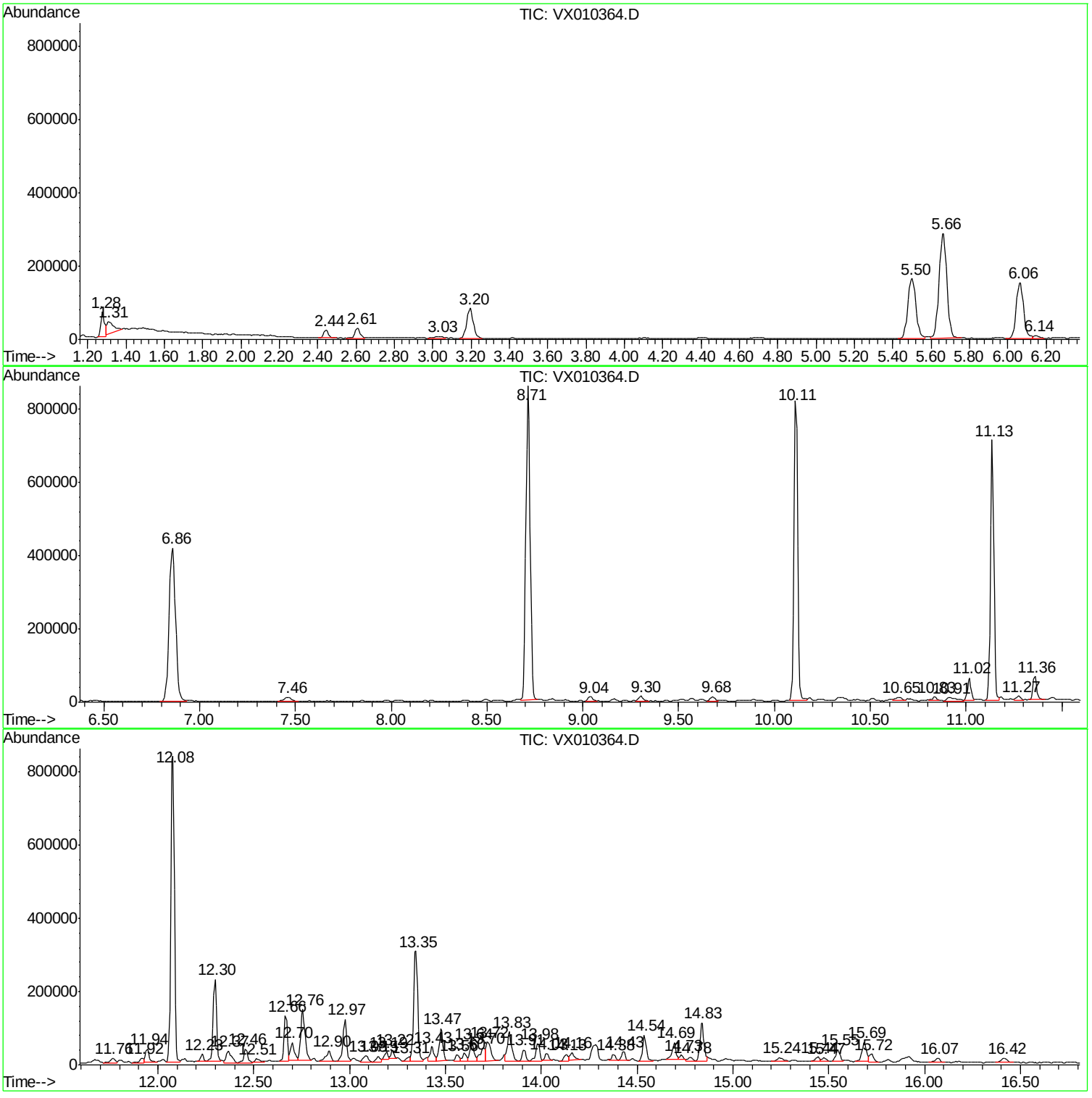
Sample : K3469-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T11-MW-13-8.0-061919

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062019\
Data File : VX010364.D
Acq On : 20 Jun 2019 17:58
Operator : JC/SP
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ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T11-MW-13-8.0-061919

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

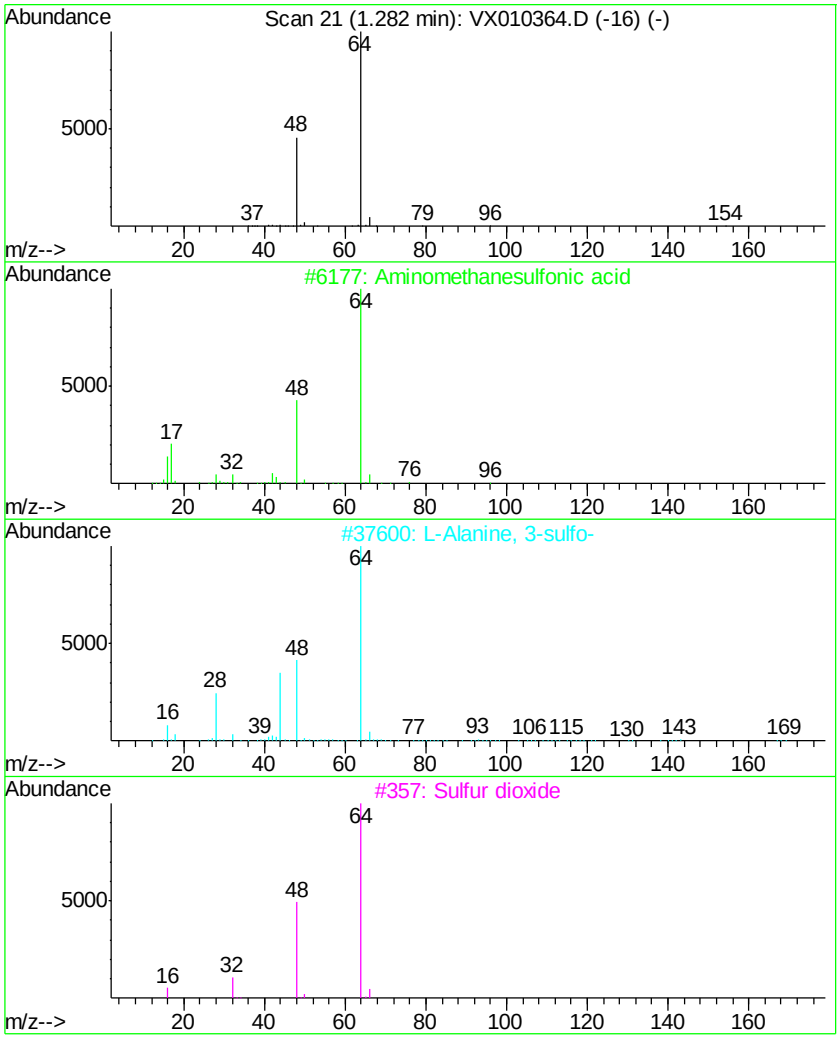
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

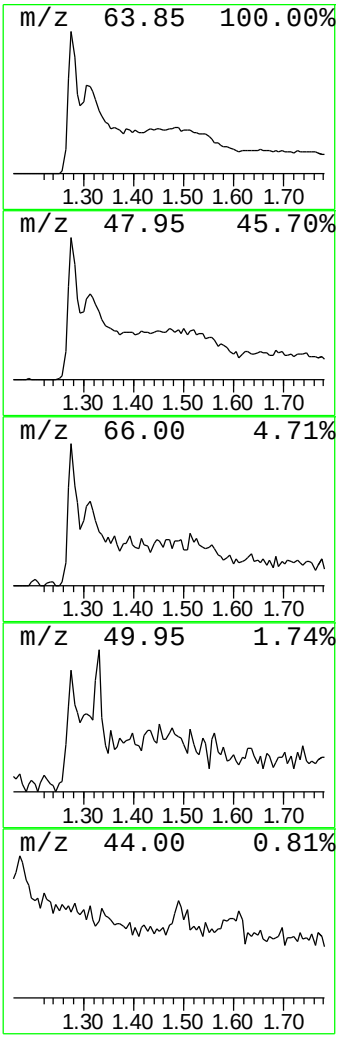
****

Peak Number 1 Aminomethanesulfonic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.28	5.82 ug/l	93485	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
2	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
3	Sulfur dioxide	64	O2S	007446-09-5	7
4	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4
5	Ethyl Chloride	64	C2H5Cl	000075-00-3	3





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062019\
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Operator : JC/SP
Sample : K3469-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T11-MW-13-8.0-061919

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

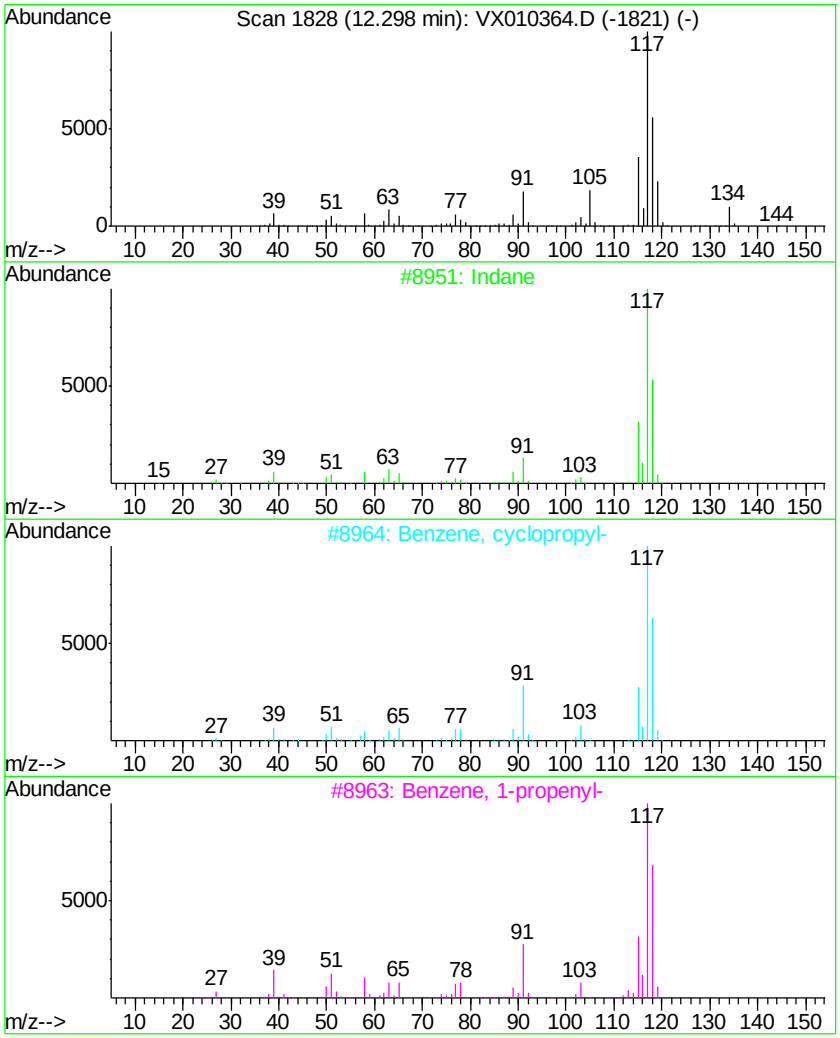
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

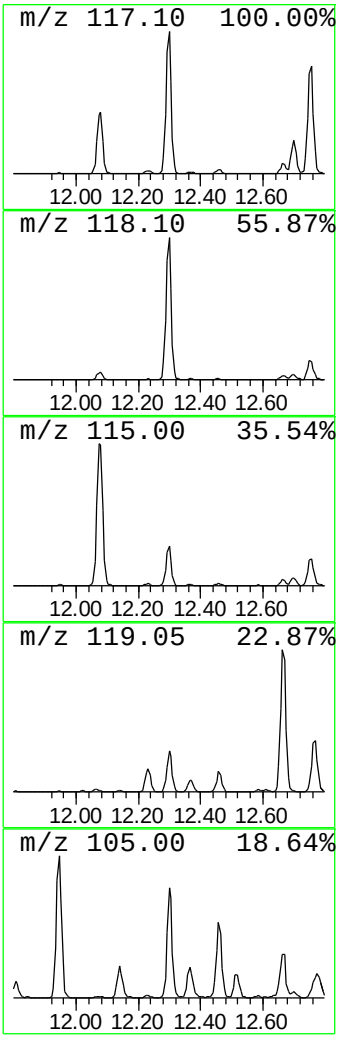
****

Peak Number 2 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	13.15 ug/l	284005	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	70
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	62
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	62
5	Deltacyclene	118	C9H10	007785-10-6	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062019\
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Operator : JC/SP
Sample : K3469-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T11-MW-13-8.0-061919

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

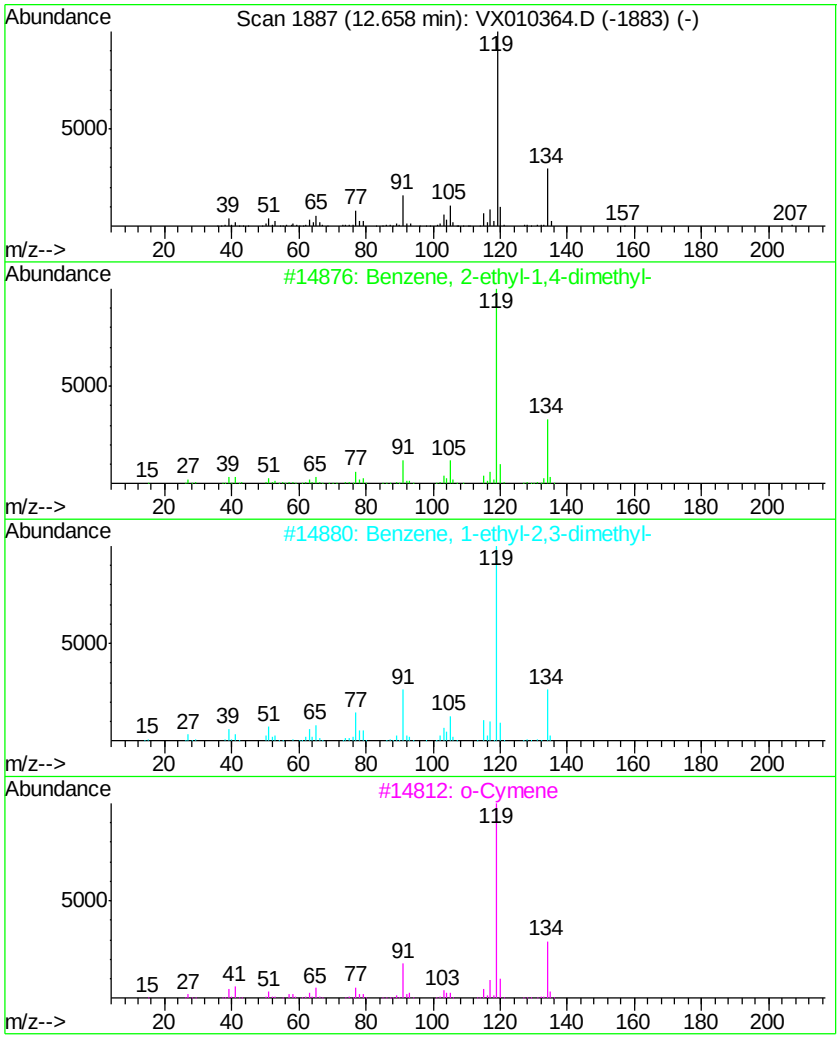
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

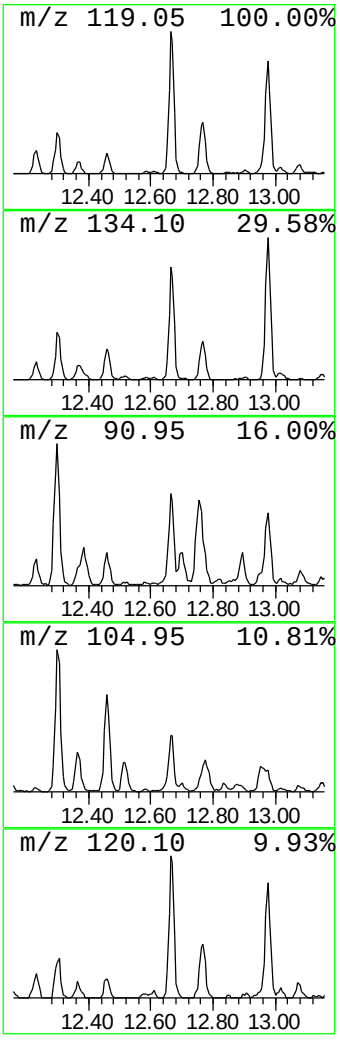
****

Peak Number 3 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	6.77 ug/l	146187	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





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Instrument : MSVOA_X
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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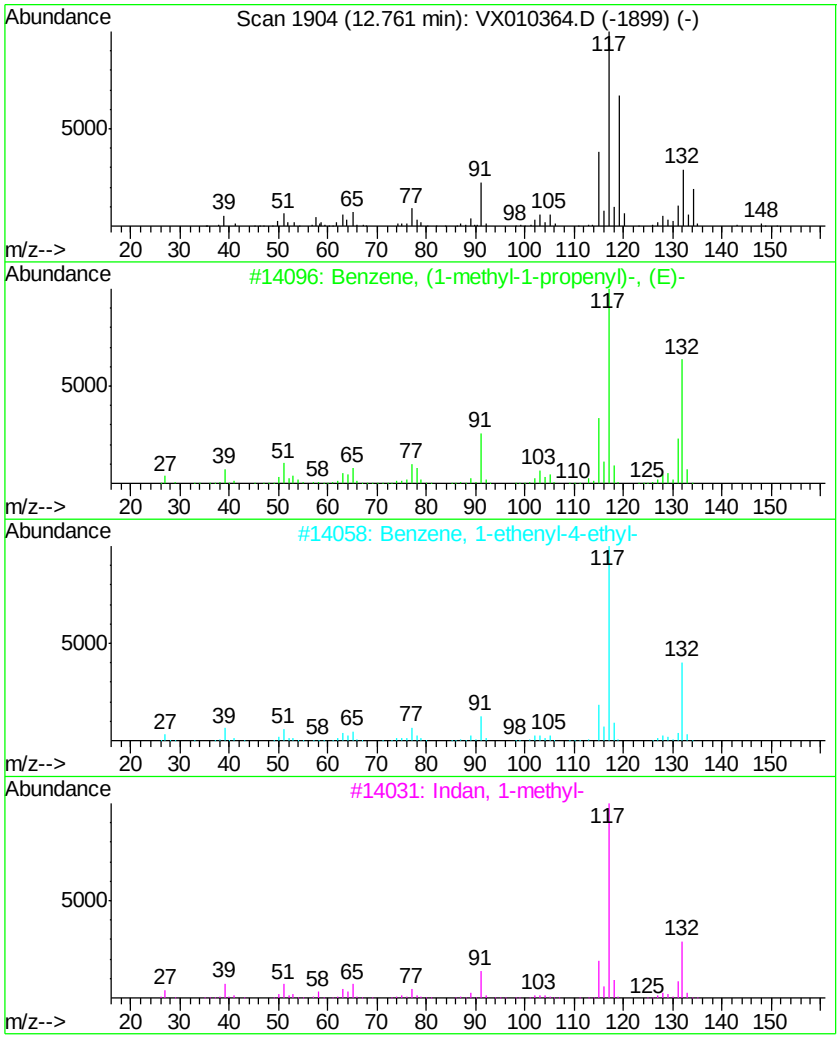
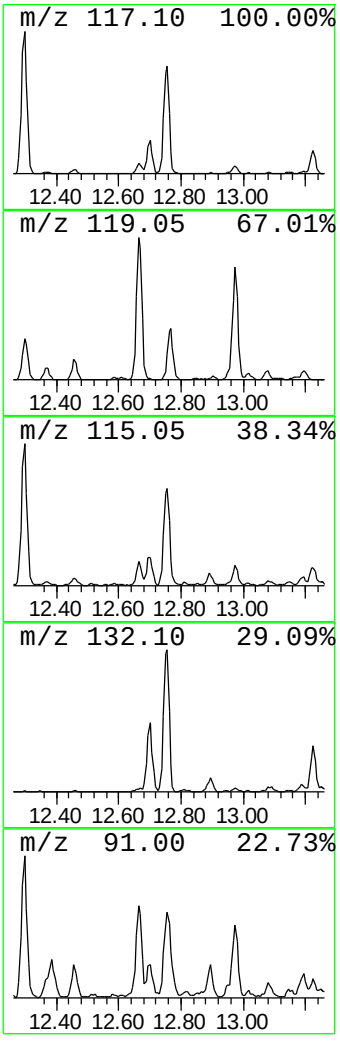
****

Peak Number 4 Benzene, (1-methyl-1-propen... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	9.96 ug/l	215085	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	81
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
3	Indan, 1-methyl-	132	C10H12	000767-58-8	76
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	74
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	74





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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T11-MW-13-8.0-061919

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

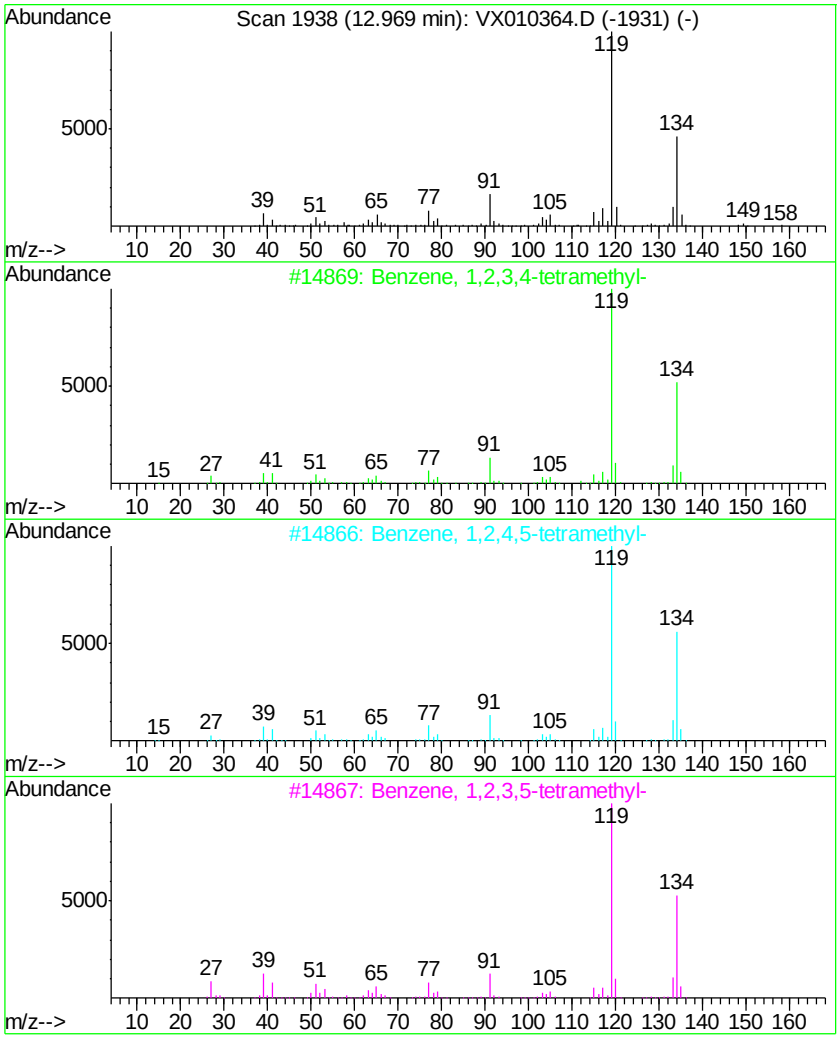
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

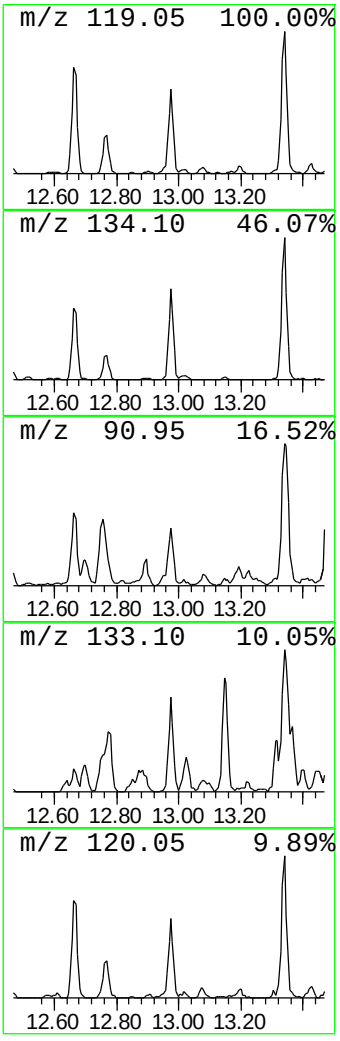
****

Peak Number 5 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	7.21 ug/l	155615	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	o-Cymene	134	C10H14	000527-84-4	93





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ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T11-MW-13-8.0-061919

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

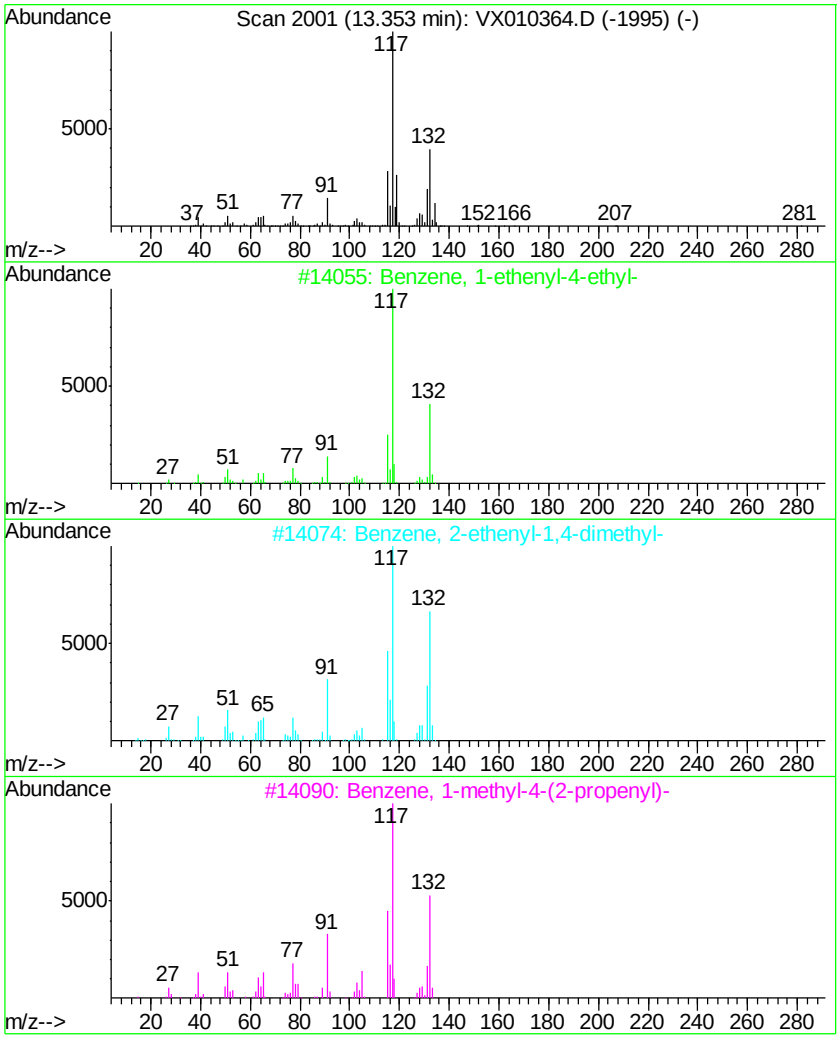
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

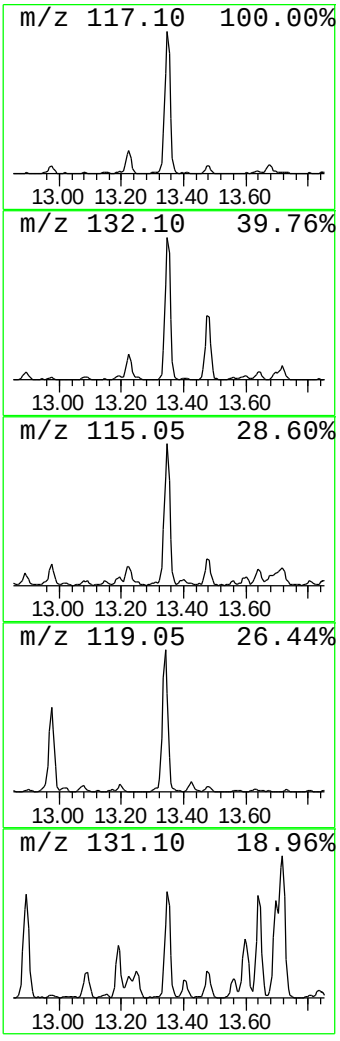
****

Peak Number 6 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	20.65 ug/l	445883	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64





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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T11-MW-13-8.0-061919

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

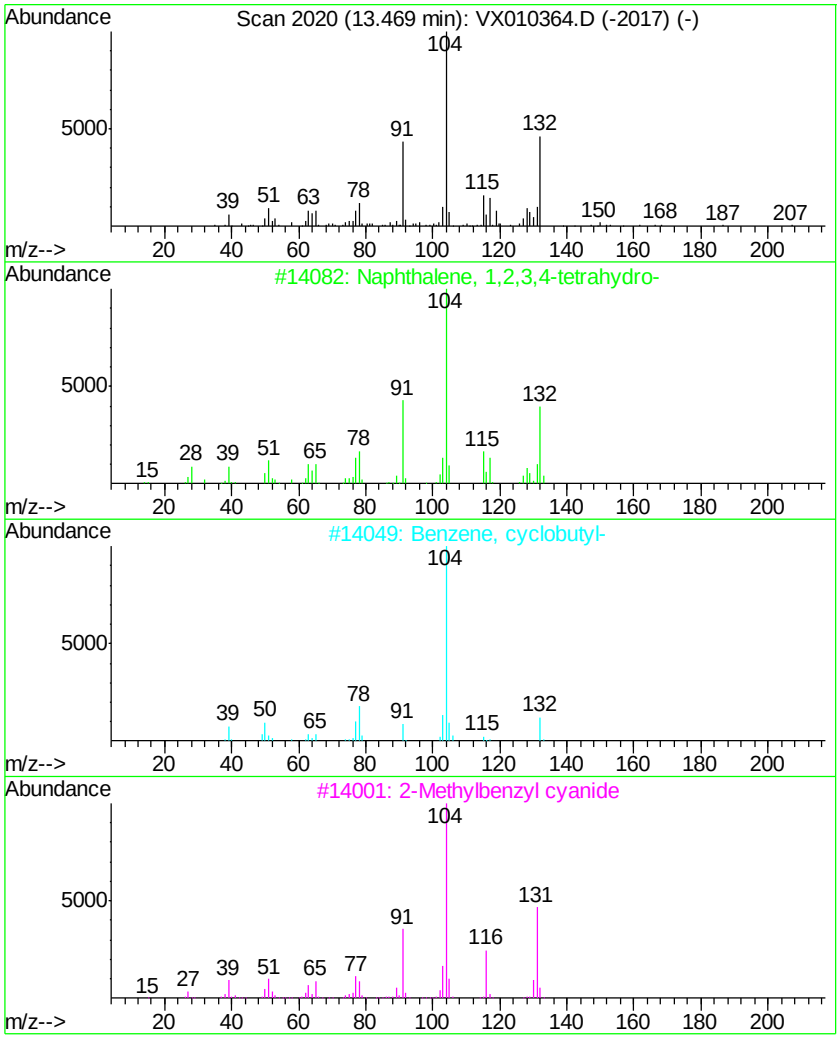
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

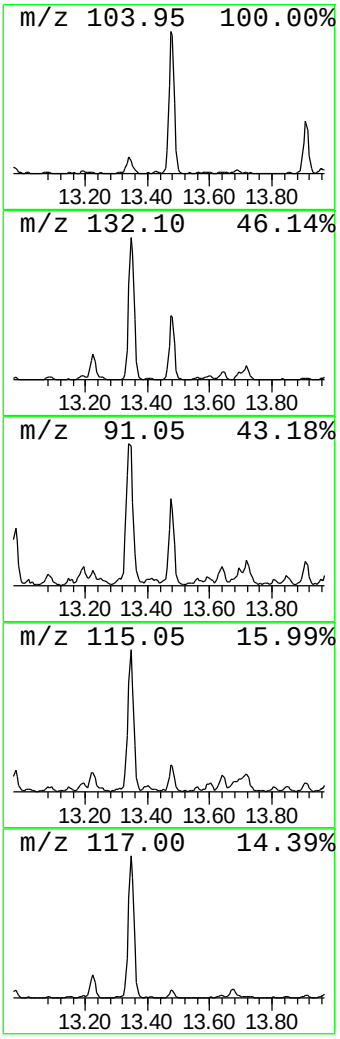
****

Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	5.44 ug/l	117483	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
2	Benzene, cyclobutyl-	132	C10H12	004392-30-7	53
3	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	46
4	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	40
5	2-Furanone, 4-phenyltetrahydro	162	C10H10O2	1000197-38-4	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062019\
Data File : VX010364.D
Acq On : 20 Jun 2019 17:58
Operator : JC/SP
Sample : K3469-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T11-MW-13-8.0-061919

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260

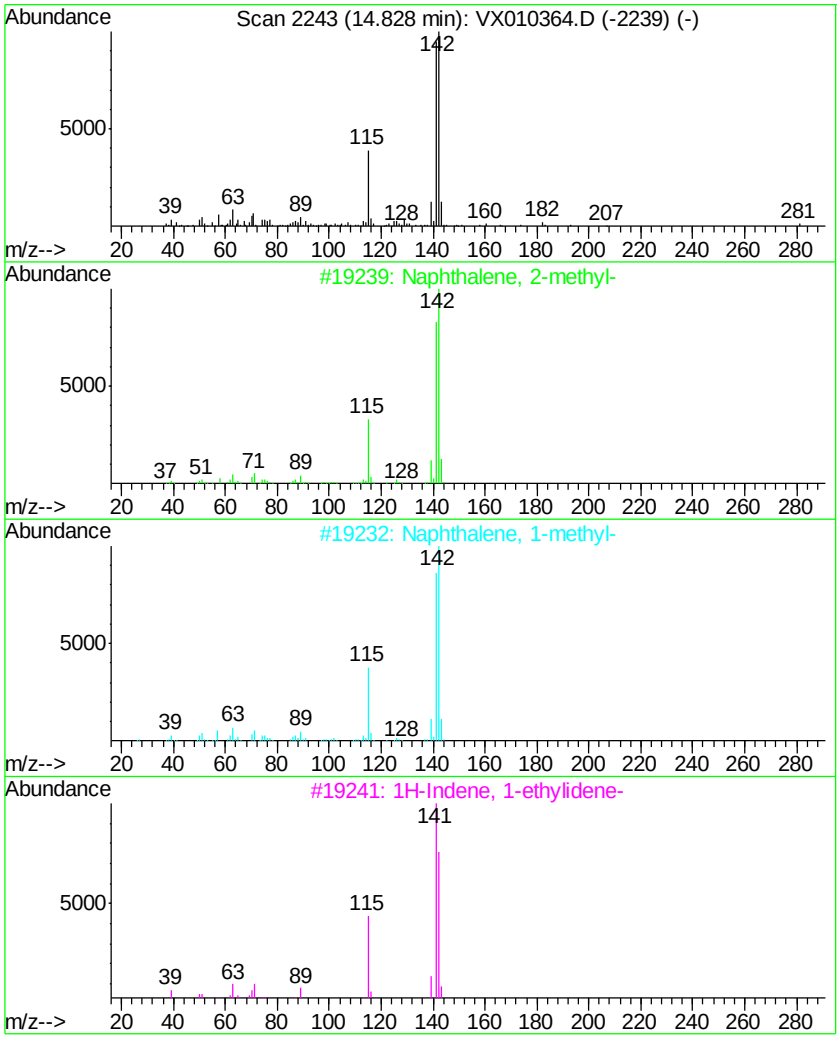
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

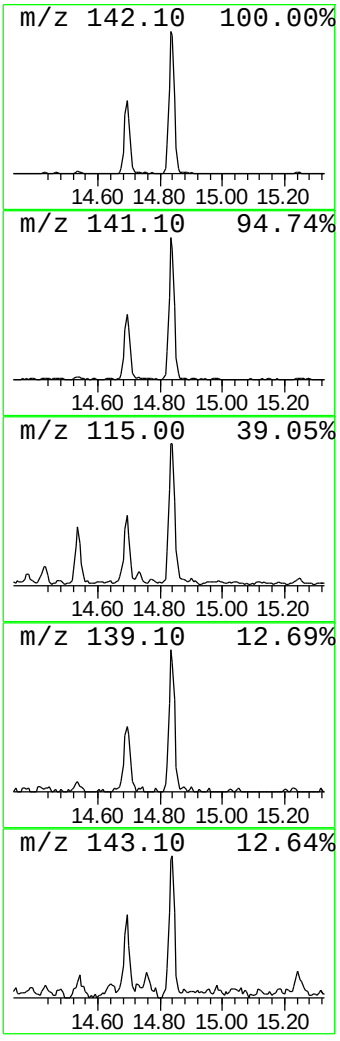
****

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	6.95 ug/l	150060	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	95
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062019\
Data File : VX010364.D
Acq On : 20 Jun 2019 17:58
Operator : JC/SP
Sample : K3469-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T11-MW-13-8.0-061919

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.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
Aminomethanesulfo...	1.28	5.8	ug/l	93485	1	5.67	802922	50.0
Indane	12.30	13.2	ug/l	284005	4	12.08	1079510	50.0
Benzene, 2-ethyl-...	12.66	6.8	ug/l	146187	4	12.08	1079510	50.0
Benzene, (1-methy...	12.76	10.0	ug/l	215085	4	12.08	1079510	50.0
Benzene, 1,2,3,4-...	12.97	7.2	ug/l	155615	4	12.08	1079510	50.0
Benzene, 1-etheny...	13.35	20.6	ug/l	445883	4	12.08	1079510	50.0
Naphthalene, 1,2,...	13.47	5.4	ug/l	117483	4	12.08	1079510	50.0
Naphthalene, 1-me...	14.83	7.0	ug/l	150060	4	12.08	1079510	50.0