LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060618\
Data File : VX002363.D
Acq On : 06 Jun 2018 19:56
Operator : JC/MD
Sample : J3312-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : W-13

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\82X060418W.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	1.075	76	80	93	rBV	901658	1182837	18.74%	2.555%
2	1.270	108	112	125	rBV	67412	100092	1.59%	0.216%
3	5.507	795	807	816	rBV	140774	411419	6.52%	0.889%
4	5.666	824	833	848	rVB	229931	639357	10.13%	1.381%
5	6.074	889	900	918	rBV	160734	425589	6.74%	0.919%
6	6.867	1019	1030	1042	rBV	324436	774086	12.26%	1.672%
7	7.464	1118	1128	1138	rBV2	33115	75977	1.20%	0.164%
8	8.720	1328	1334	1342	rBV	806660	1231481	19.51%	2.660%
9	10.116	1557	1563	1570	rBV	683009	918821	14.55%	1.984%
10	11.024	1706	1712	1725	rBV	914519	1199883	19.01%	2.592%
11	11.140	1726	1731	1736	rBV	729696	890373	14.10%	1.923%
12	11.366	1762	1768	1778	rBV	916639	1145453	18.14%	2.474%
13	11.774	1827	1835	1839	rBV	80511	107210	1.70%	0.232%
14	11.927	1854	1860	1861	rBV	114688	149131	2.36%	0.322%
15	11.951	1861	1864	1870	rVB	352696	421249	6.67%	0.910%
16	12.079	1880	1885	1891	rBV	821504	1054810	16.71%	2.278%
17	12.238	1906	1911	1916	rVB	182433	219153	3.47%	0.473%
18	12.305	1916	1922	1928	rBV	2367772	2894908	45.86%	6.252%
19	12.372	1928	1933	1942	rVB2	242911	488923	7.74%	1.056%
20	12.463	1942	1948	1954	rBV	401539	485321	7.69%	1.048%
21	12.670	1974	1982	1986	rBV	1388626	1770726	28.05%	3.824%
22	12.707	1986	1988	1992	rVV	419087	442141	7.00%	0.955%
23	12.762	1992	1997	2004	rVB2	1234568	1874296	29.69%	4.048%
24	12.902	2012	2020	2025	rVB2	198895	325243	5.15%	0.702%
25	12.981	2025	2033	2038	rBV	1035082	1330941	21.08%	2.875%
26	13.085	2046	2050	2056	rVB2	124638	198682	3.15%	0.429%
27	13.158	2056	2062	2065	rBV	164901	231500	3.67%	0.500%
28	13.201	2065	2069	2071	rBV2	119740	139477	2.21%	0.301%
29	13.231	2071	2074	2077	rBV	282469	288302	4.57%	0.623%
30	13.347	2083	2093	2100	rBV2	3817684	5603591	88.76%	12.103%
31	13.408	2100	2103	2104	rVV	70407	75297	1.19%	0.163%
32	13.432	2104	2107	2110	rVV	124278	166043	2.63%	0.359%
33	13.487	2113	2116	2122	rVB	59625	80863	1.28%	0.175%
34	13.567	2125	2129	2132	rBV2	105650	149083	2.36%	0.322%

LSC Area Percent Report

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Operator : JC/MD
Sample : J3312-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : W-13

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\82X060418W.M
Title : SW846 8260

35	13.603	2132	2135	2138	rVV	267662	358264	5.68%	0.774%
36	13.646	2138	2142	2146	rVV2	418074	603566	9.56%	1.304%
37	13.707	2146	2152	2153	rVV2	301865	521300	8.26%	1.126%
38	13.725	2153	2155	2164	rVB2	485129	664509	10.53%	1.435%
39	13.810	2164	2169	2173	rBV	129081	177480	2.81%	0.383%
40	13.859	2173	2177	2182	rVB	189678	244650	3.88%	0.528%
41	13.914	2182	2186	2191	rVB	151750	203032	3.22%	0.439%
42	13.993	2191	2199	2202	rBV2	339326	544020	8.62%	1.175%
43	14.036	2202	2206	2210	rVB	152597	188236	2.98%	0.407%
44	14.140	2218	2223	2225	rBV	162275	215471	3.41%	0.465%
45	14.170	2225	2228	2232	rVB	94089	111895	1.77%	0.242%
46	14.292	2241	2248	2255	rVB2	440909	893648	14.16%	1.930%
47	14.384	2259	2263	2267	rVV	141031	162530	2.57%	0.351%
48	14.438	2267	2272	2276	rVB2	215212	288822	4.58%	0.624%
49	14.481	2276	2279	2284	rVB	58565	73540	1.16%	0.159%
50	14.542	2284	2289	2295	rBV2	493867	681576	10.80%	1.472%
51	14.737	2317	2321	2325	rVB2	95261	118338	1.87%	0.256%
52	14.786	2325	2329	2333	rVB2	58470	80492	1.28%	0.174%
53	14.847	2333	2339	2347	rBV	5118324	6312903	100.00%	13.635%
54	15.255	2400	2406	2413	rVB2	66807	115171	1.82%	0.249%
55	15.450	2429	2438	2441	rVV	275910	439036	6.95%	0.948%
56	15.487	2441	2444	2449	rVV	161254	230755	3.66%	0.498%
57	15.554	2449	2455	2468	rVV	801605	1377066	21.81%	2.974%
58	15.694	2468	2478	2482	rVV	1098122	1888451	29.91%	4.079%
59	15.731	2482	2484	2492	rVB	689925	908103	14.38%	1.961%
60	15.816	2492	2498	2504	rBV2	76982	131012	2.08%	0.283%
61	15.920	2504	2515	2526	rVB	299325	785044	12.44%	1.696%
62	16.078	2534	2541	2549	rBV	158286	268680	4.26%	0.580%
63	16.292	2565	2576	2581	rVB2	32952	74556	1.18%	0.161%
64	16.700	2638	2643	2648	rVB2	42701	75761	1.20%	0.164%
65	16.761	2648	2653	2657	rBV	36089	70534	1.12%	0.152%

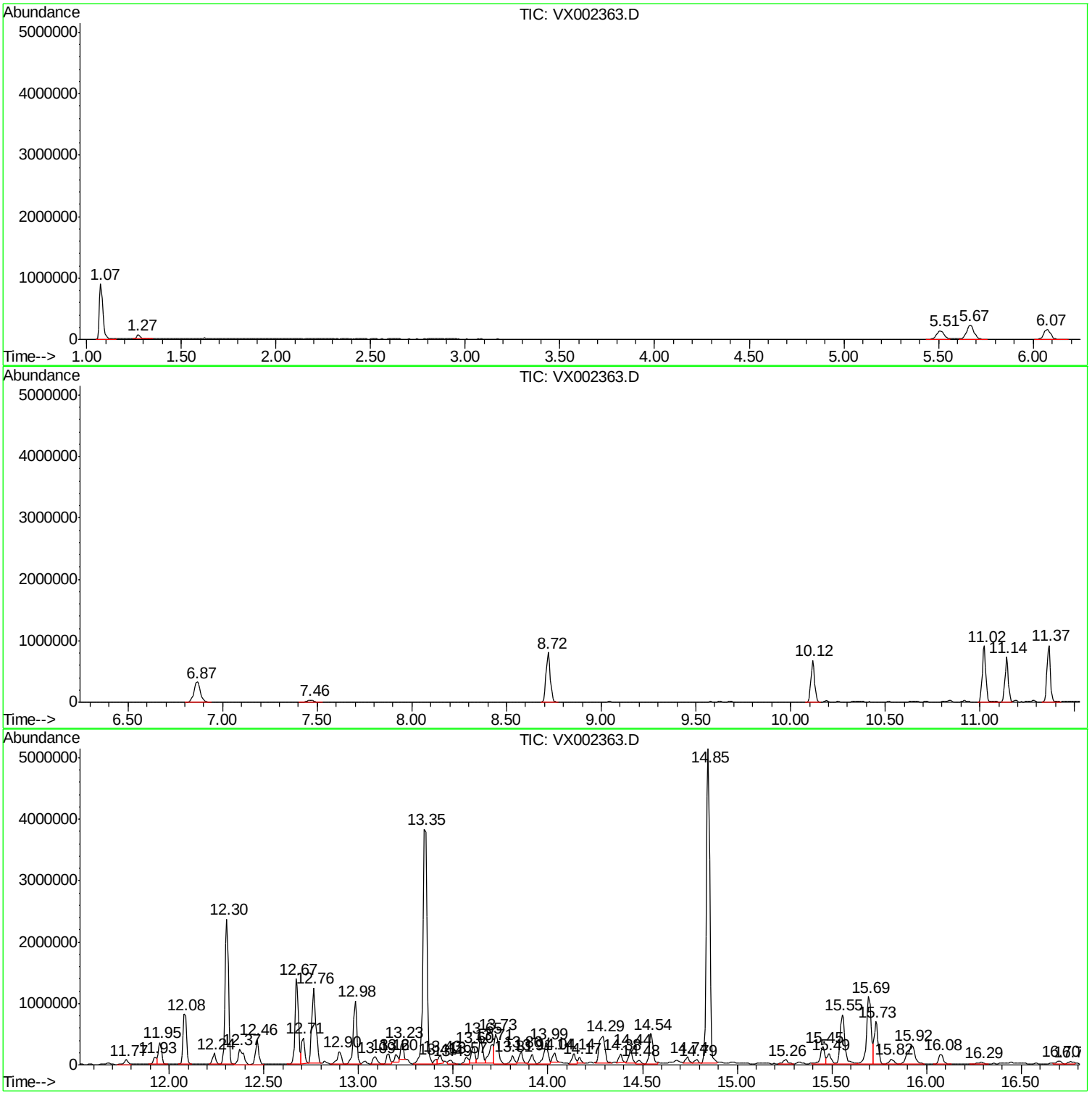
Sum of corrected areas: 46300699

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060618\
Data File : VX002363.D
Acq On : 06 Jun 2018 19:56
Operator : JC/MD
Sample : J3312-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : W-13

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.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\VX060618\
Data File : VX002363.D
Acq On : 06 Jun 2018 19:56
Operator : JC/MD
Sample : J3312-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : W-13

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260

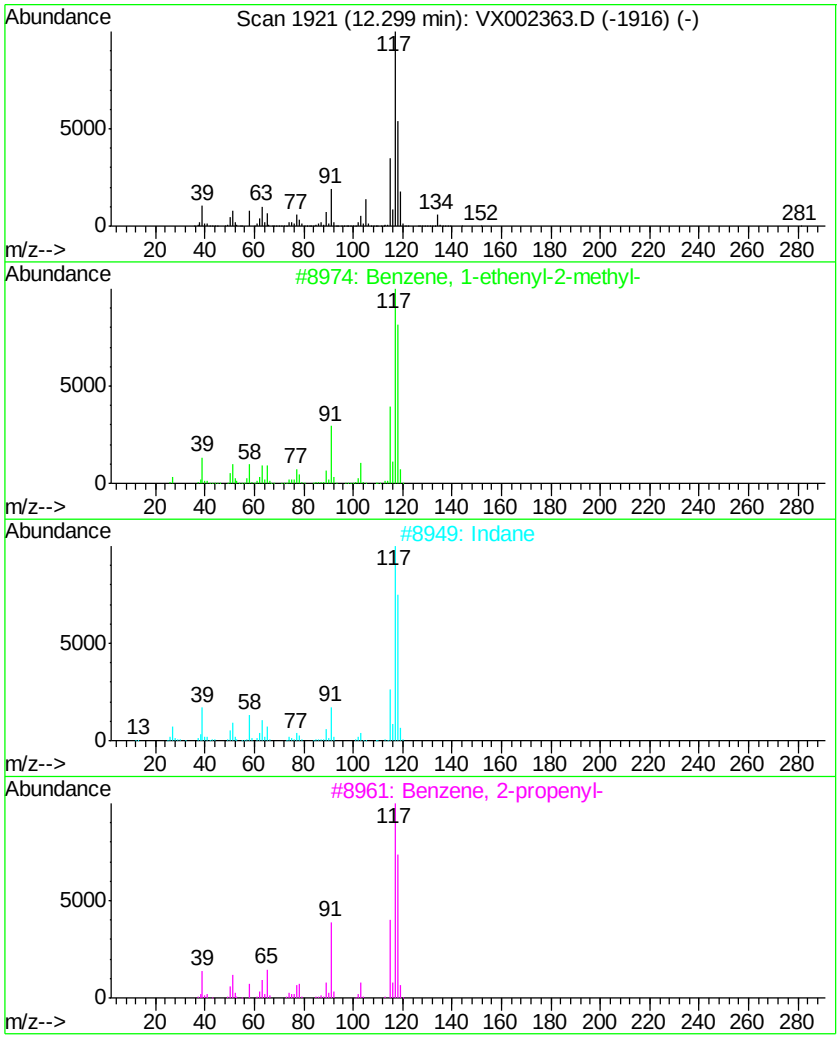
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

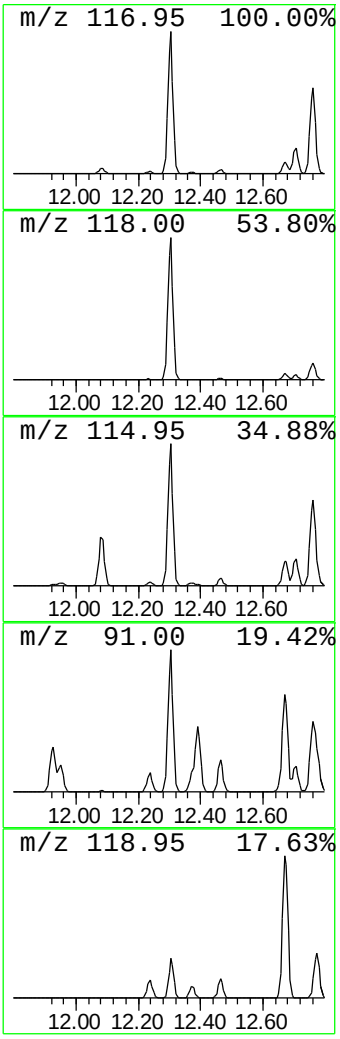
****

Peak Number 2 Benzene, 1-ethenyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	137.22 ug/l	2894910	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	86
2	Indane	118	C9H10	000496-11-7	70
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060618\
Data File : VX002363.D
Acq On : 06 Jun 2018 19:56
Operator : JC/MD
Sample : J3312-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : W-13

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260

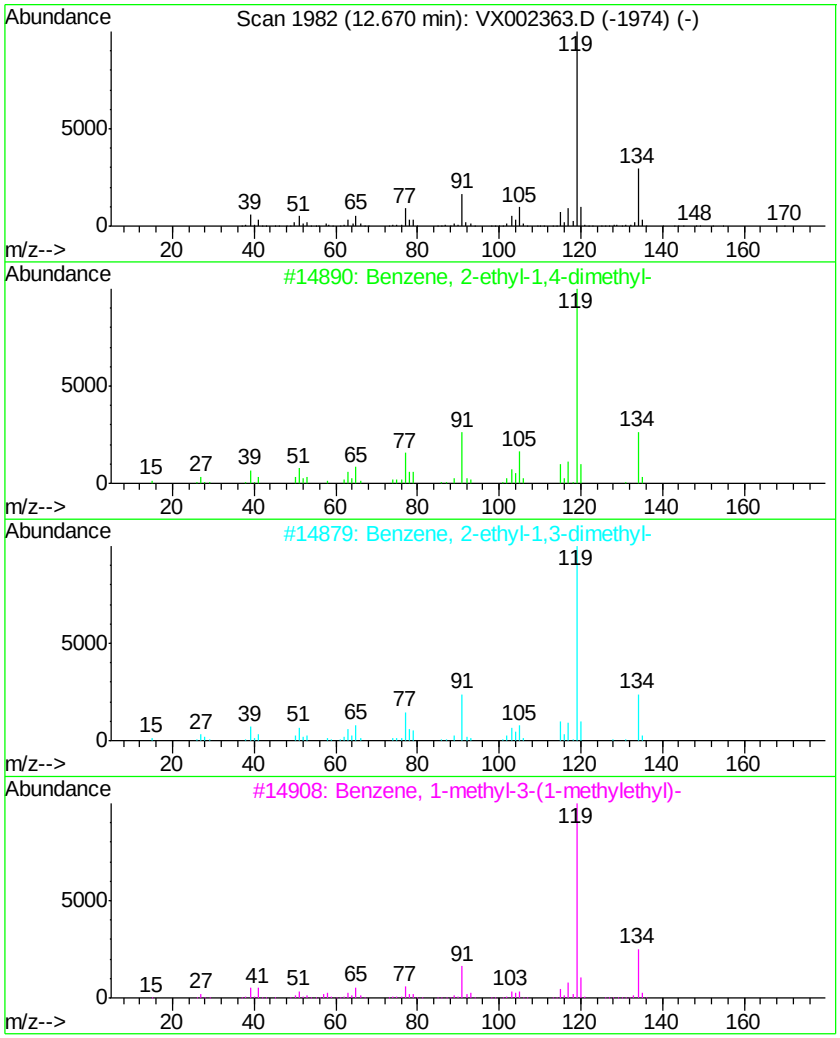
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

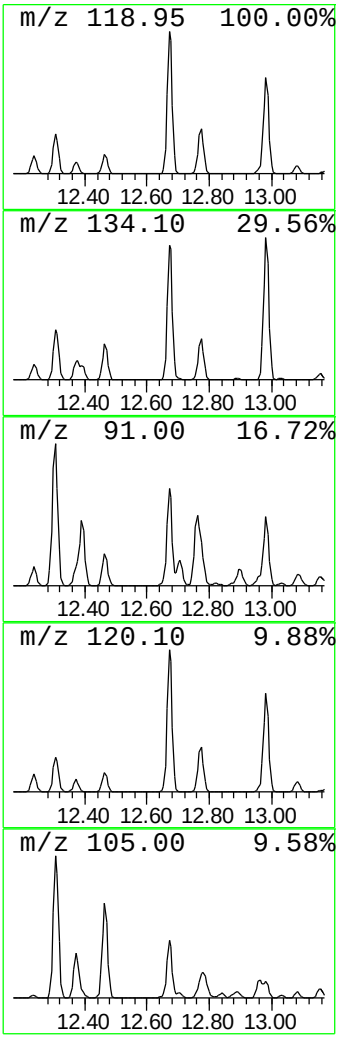
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	83.94 ug/l	1770730	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	p-Cymene	134	C10H14	000099-87-6	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060618\
Data File : VX002363.D
Acq On : 06 Jun 2018 19:56
Operator : JC/MD
Sample : J3312-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : W-13

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260

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

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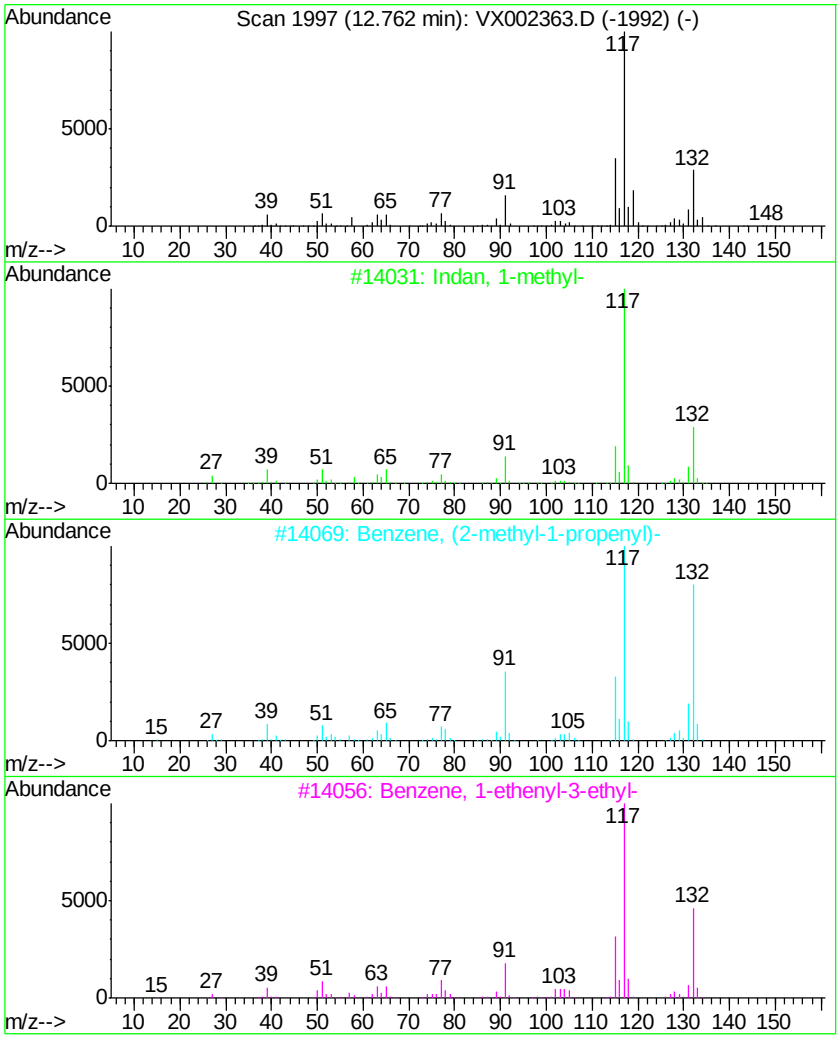
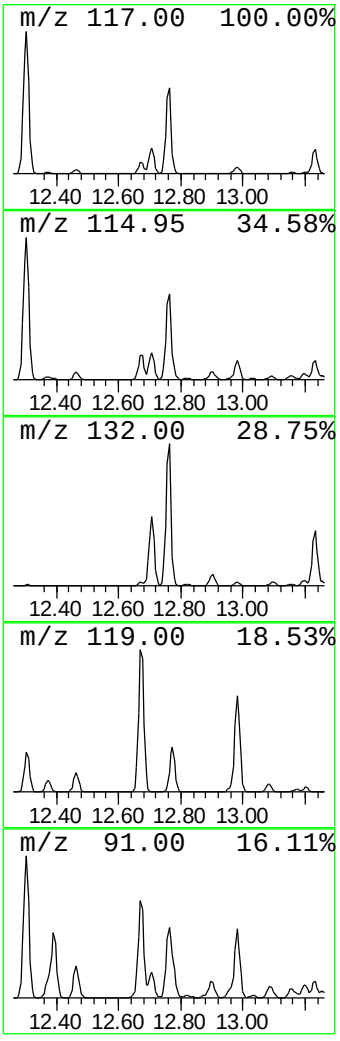
Peak Number 4 Indan, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	88.85 ug/l	1874300	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	86





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060618\
Data File : VX002363.D
Acq On : 06 Jun 2018 19:56
Operator : JC/MD
Sample : J3312-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : W-13

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260

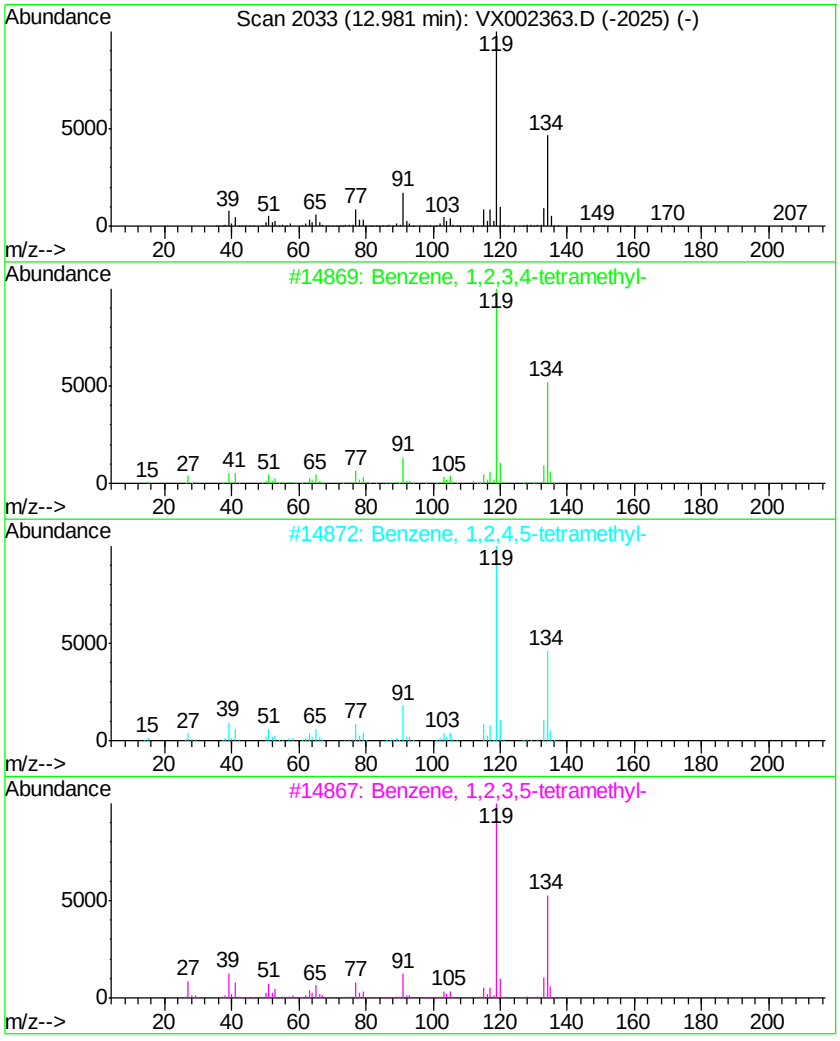
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

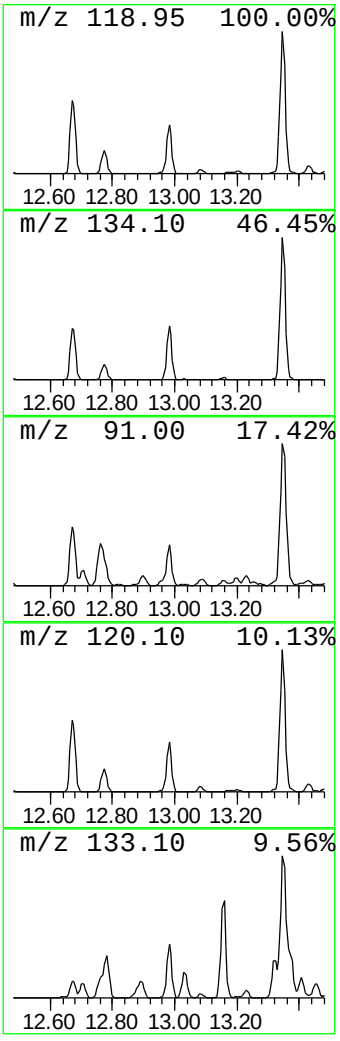
****

Peak Number 5 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	63.09 ug/l	1330940	1,4-Dichlorobenzene-d4	12.09

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	96
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Library Search Compound Report

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Acq On : 06 Jun 2018 19:56
Operator : JC/MD
Sample : J3312-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : W-13

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260

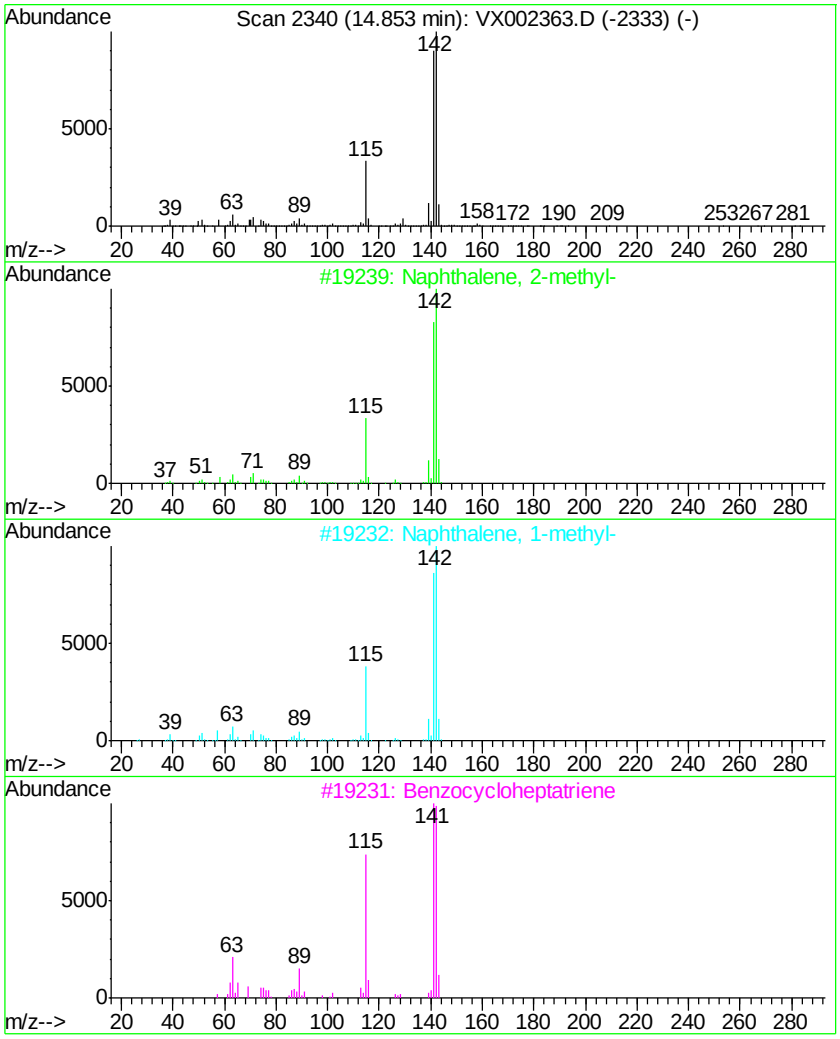
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

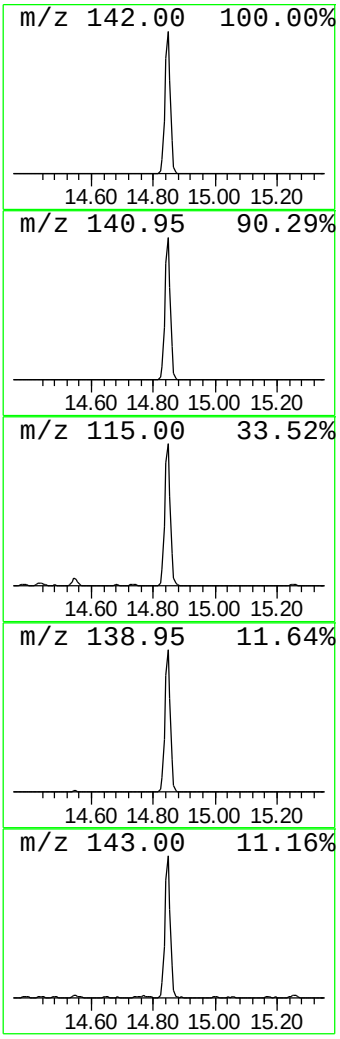
****

Peak Number 7 Naphthalene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	299.24 ug/l	6312900	1,4-Dichlorobenzene-d4	12.09

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	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64





Library Search Compound Report

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ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : W-13

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260

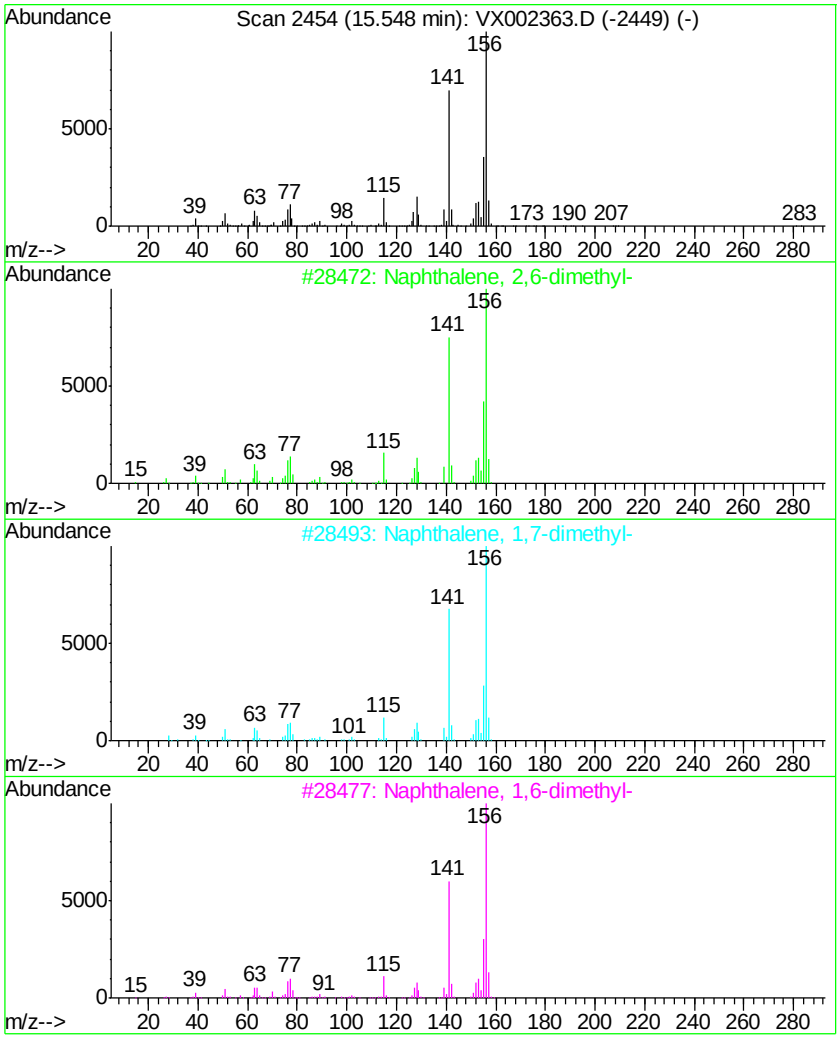
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

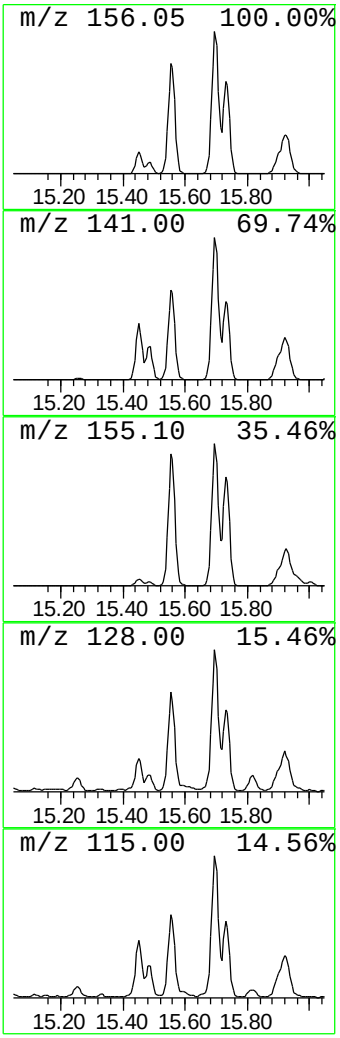
****

Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	65.28 ug/l	1377070	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060618\
Data File : VX002363.D
Acq On : 06 Jun 2018 19:56
Operator : JC/MD
Sample : J3312-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : W-13

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260

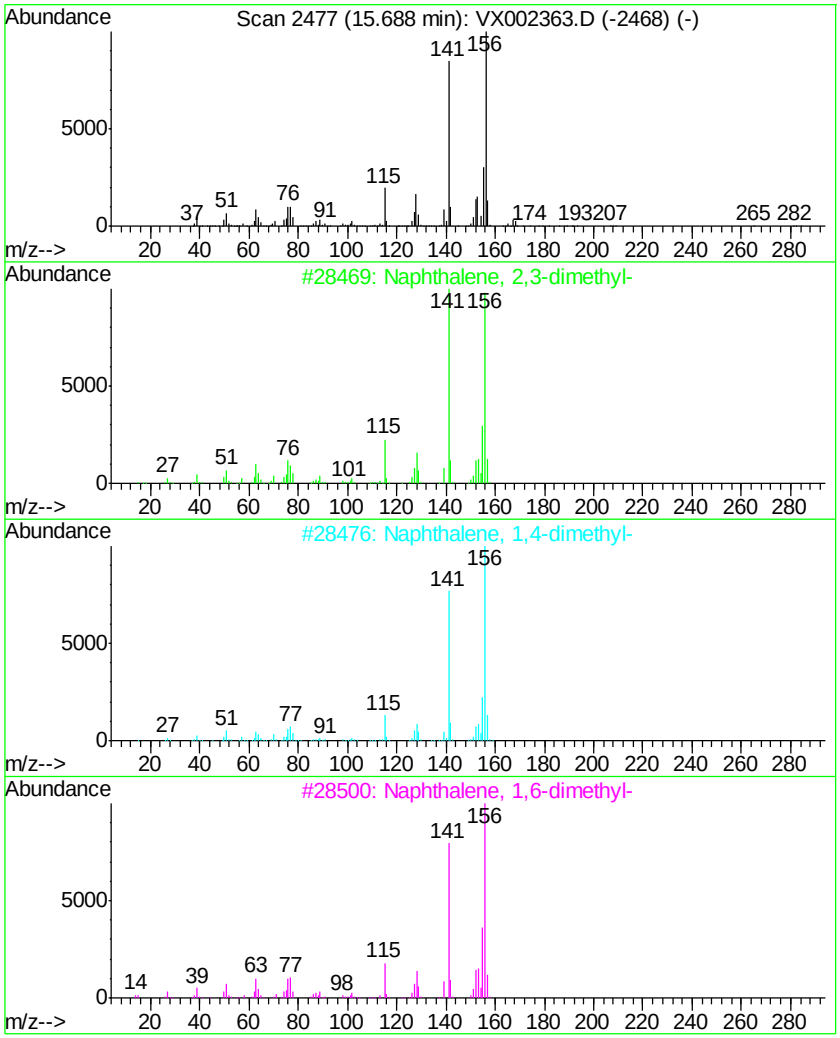
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

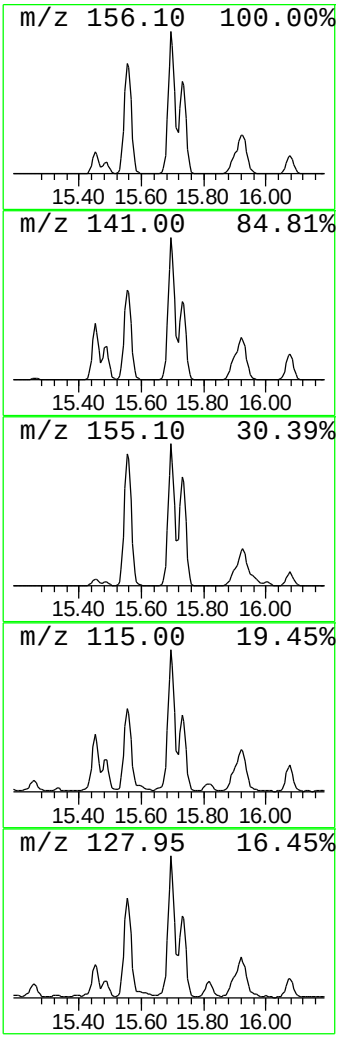
****

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	89.52 ug/l	1888450	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060618\
Data File : VX002363.D
Acq On : 06 Jun 2018 19:56
Operator : JC/MD
Sample : J3312-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : W-13

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.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
Benzene, 1-etheny...	12.30	137.2	ug/l	2894910	4	12.09	1054810	50.0
Benzene, 2-ethyl-...	12.67	83.9	ug/l	1770730	4	12.09	1054810	50.0
Indan, 1-methyl-	12.76	88.8	ug/l	1874300	4	12.09	1054810	50.0
Benzene, 1,2,3,4-...	12.98	63.1	ug/l	1330940	4	12.09	1054810	50.0
Naphthalene, 2-me...	14.85	299.2	ug/l	6312900	4	12.09	1054810	50.0
Naphthalene, 2,6-...	15.55	65.3	ug/l	1377070	4	12.09	1054810	50.0
Naphthalene, 2,3-...	15.69	89.5	ug/l	1888450	4	12.09	1054810	50.0