LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082019\
Data File : VX011690.D
Acq On : 20 Aug 2019 17:22
Operator : JC/SP
Sample : K4413-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TMW-01

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\82X081519W.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	1.269	14	19	24	rBV	27771	41821	2.55%	0.300%
2	1.593	71	72	79	rVB7	16221	20263	1.24%	0.145%
3	2.440	204	211	215	rBV	11265	19810	1.21%	0.142%
4	2.598	232	237	245	rVB	37649	64181	3.92%	0.460%
5	4.592	553	564	573	rBV3	17209	54034	3.30%	0.387%
6	5.494	700	712	721	rBV	199207	570288	34.84%	4.087%
7	5.653	727	738	752	rVB	383733	1059612	64.73%	7.594%
8	6.055	795	804	813	rBV	208028	529790	32.37%	3.797%
9	6.140	813	818	825	rVB2	12787	30968	1.89%	0.222%
10	6.854	924	935	948	rBV	527070	1248510	76.27%	8.948%
11	8.567	1209	1216	1223	rVB	6669	16657	1.02%	0.119%
12	8.713	1233	1240	1250	rBV	1038375	1636891	100.00%	11.731%
13	10.109	1463	1469	1484	rBV	1079484	1451745	88.69%	10.404%
14	10.249	1487	1492	1499	rVB	166152	214567	13.11%	1.538%
15	11.018	1613	1618	1622	rBV	49687	65400	4.00%	0.469%
16	11.133	1632	1637	1644	rBV	950076	1187256	72.53%	8.509%
17	11.249	1648	1656	1658	rBV9	8477	22597	1.38%	0.162%
18	11.359	1668	1674	1679	rBV	61240	81286	4.97%	0.583%
19	11.664	1720	1724	1728	rBV	51294	60770	3.71%	0.436%
20	11.755	1734	1739	1743	rBV4	10580	17412	1.06%	0.125%
21	11.938	1760	1769	1774	rBV3	29163	56369	3.44%	0.404%
22	12.072	1786	1791	1799	rBV	1173137	1469460	89.77%	10.531%
23	12.298	1823	1828	1834	rVB	225107	289623	17.69%	2.076%
24	12.365	1836	1839	1850	rVB3	23592	50872	3.11%	0.365%
25	12.456	1850	1854	1860	rBV4	18550	26707	1.63%	0.191%
26	12.517	1860	1864	1867	rBV	37539	46833	2.86%	0.336%
27	12.578	1871	1874	1882	rVB	18472	27716	1.69%	0.199%
28	12.664	1885	1888	1891	rVV	54964	65397	4.00%	0.469%
29	12.700	1891	1894	1898	rVV	36584	44319	2.71%	0.318%
30	12.755	1898	1903	1909	rVV2	123502	196841	12.03%	1.411%
31	12.901	1922	1927	1930	rVB3	21960	31286	1.91%	0.224%
32	12.975	1933	1939	1943	rVV2	85202	114739	7.01%	0.822%
33	13.017	1943	1946	1950	rVB2	40226	48449	2.96%	0.347%
34	13.078	1952	1956	1961	rBV5	22401	39328	2.40%	0.282%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082019\
Data File : VX011690.D
Acq On : 20 Aug 2019 17:22
Operator : JC/SP
Sample : K4413-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TMW-01

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\82X081519W.M
Title : SW846 8260

35	13.218	1976	1979	1982	rVV	40749	51149	3.12%	0.367%
36	13.249	1982	1984	1989	rVB2	12794	18931	1.16%	0.136%
37	13.310	1989	1994	1995	rBV2	18120	24612	1.50%	0.176%
38	13.346	1995	2000	2005	rVV2	252826	343577	20.99%	2.462%
39	13.395	2005	2008	2016	rVV4	28023	47343	2.89%	0.339%
40	13.475	2017	2021	2027	rVV2	67179	92633	5.66%	0.664%
41	13.560	2031	2035	2038	rVV3	33719	49219	3.01%	0.353%
42	13.596	2038	2041	2044	rVV	37506	50013	3.06%	0.358%
43	13.639	2044	2048	2052	rVV3	53628	94456	5.77%	0.677%
44	13.694	2054	2057	2058	rVV	39992	44459	2.72%	0.319%
45	13.718	2058	2061	2066	rVB2	71770	109420	6.68%	0.784%
46	13.834	2072	2080	2087	rBV3	48714	98246	6.00%	0.704%
47	13.913	2088	2093	2097	rVB5	12162	25598	1.56%	0.183%
48	13.981	2098	2104	2108	rVB2	38932	59167	3.61%	0.424%
49	14.023	2108	2111	2115	rBV2	28543	37231	2.27%	0.267%
50	14.127	2124	2128	2131	rBV	38491	49600	3.03%	0.355%
51	14.267	2147	2151	2156	rBV	58312	83957	5.13%	0.602%
52	14.377	2165	2169	2174	rBV2	25038	36195	2.21%	0.259%
53	14.426	2174	2177	2182	rVB	50823	65058	3.97%	0.466%
54	14.535	2191	2195	2201	rBV2	55477	75339	4.60%	0.540%
55	14.669	2213	2217	2219	rBV4	12998	17935	1.10%	0.129%
56	14.688	2219	2220	2224	rVV2	18605	21024	1.28%	0.151%
57	14.730	2224	2227	2231	rVB4	19656	25790	1.58%	0.185%
58	14.779	2231	2235	2239	rBV6	14149	18634	1.14%	0.134%
59	14.834	2239	2244	2253	rBV2	409678	583429	35.64%	4.181%
60	15.249	2307	2312	2319	rVB2	19374	38230	2.34%	0.274%
61	15.316	2319	2323	2329	rVB9	8784	17520	1.07%	0.126%
62	15.438	2338	2343	2346	rBV	38104	58997	3.60%	0.423%
63	15.474	2346	2349	2353	rVB2	27013	35942	2.20%	0.258%
64	15.541	2355	2360	2364	rBV	79930	117230	7.16%	0.840%
65	15.681	2374	2383	2388	rBV	156671	271684	16.60%	1.947%
66	15.724	2388	2390	2394	rVV4	14094	17519	1.07%	0.126%
67	15.803	2398	2403	2411	rVV2	26240	47208	2.88%	0.338%
68	15.907	2411	2420	2432	rVB3	48716	143261	8.75%	1.027%
69	16.066	2441	2446	2454	rBV2	29486	57084	3.49%	0.409%
70	16.169	2457	2463	2468	rBV8	9276	17799	1.09%	0.128%
71	16.413	2495	2503	2510	rBV2	38132	80633	4.93%	0.578%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082019\
Data File : VX011690.D
Acq On : 20 Aug 2019 17:22
Operator : JC/SP
Sample : K4413-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TMW-01

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\82X081519W.M
Title : SW846 8260

72	16.687	2544	2548	2553	rVB2	14216	25523	1.56%	0.183%

Sum of corrected areas: 13953442

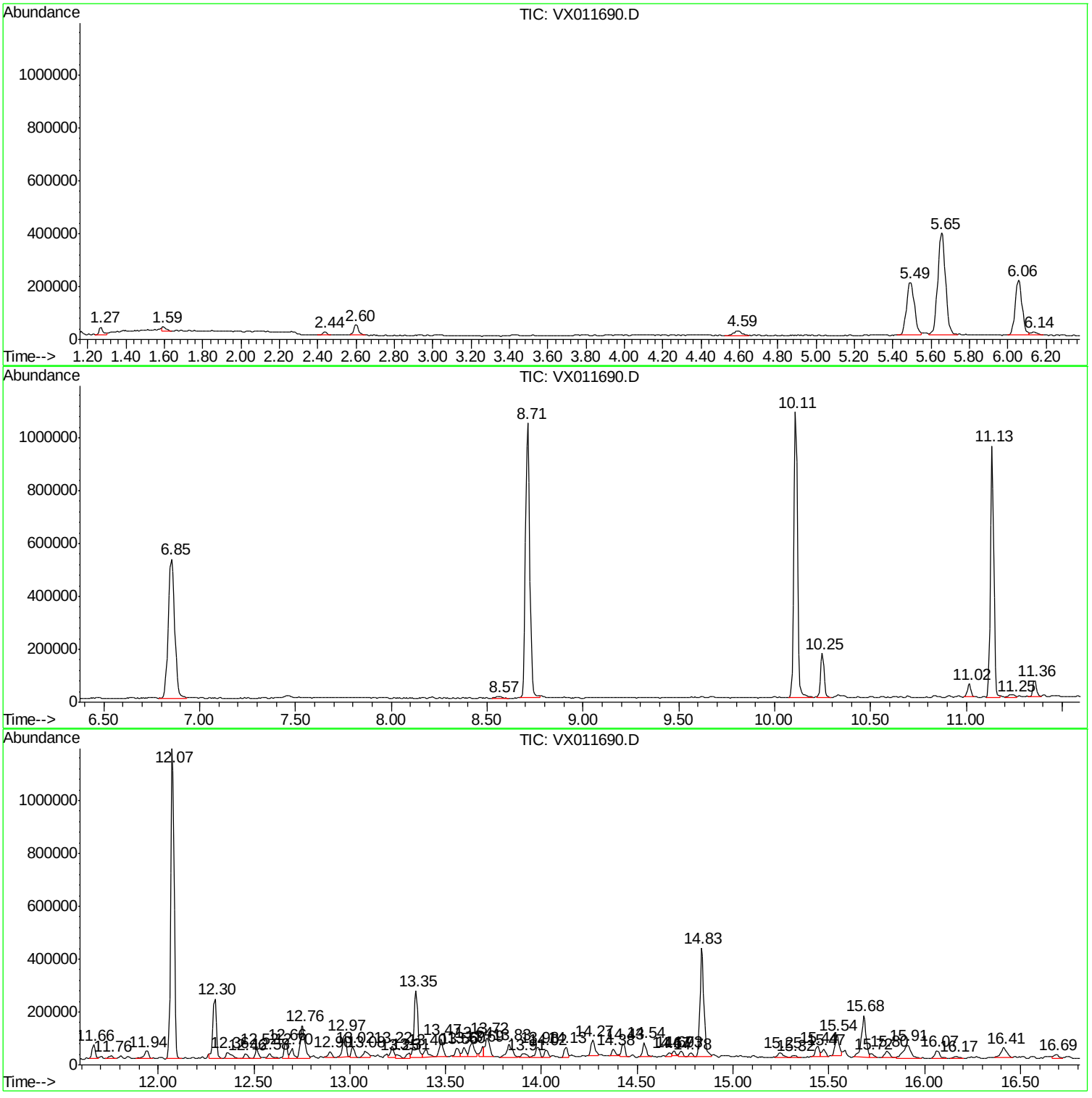
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082019\
Data File : VX011690.D
Acq On : 20 Aug 2019 17:22
Operator : JC/SP
Sample : K4413-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TMW-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.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\VX082019\
Data File : VX011690.D
Acq On : 20 Aug 2019 17:22
Operator : JC/SP
Sample : K4413-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TMW-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260

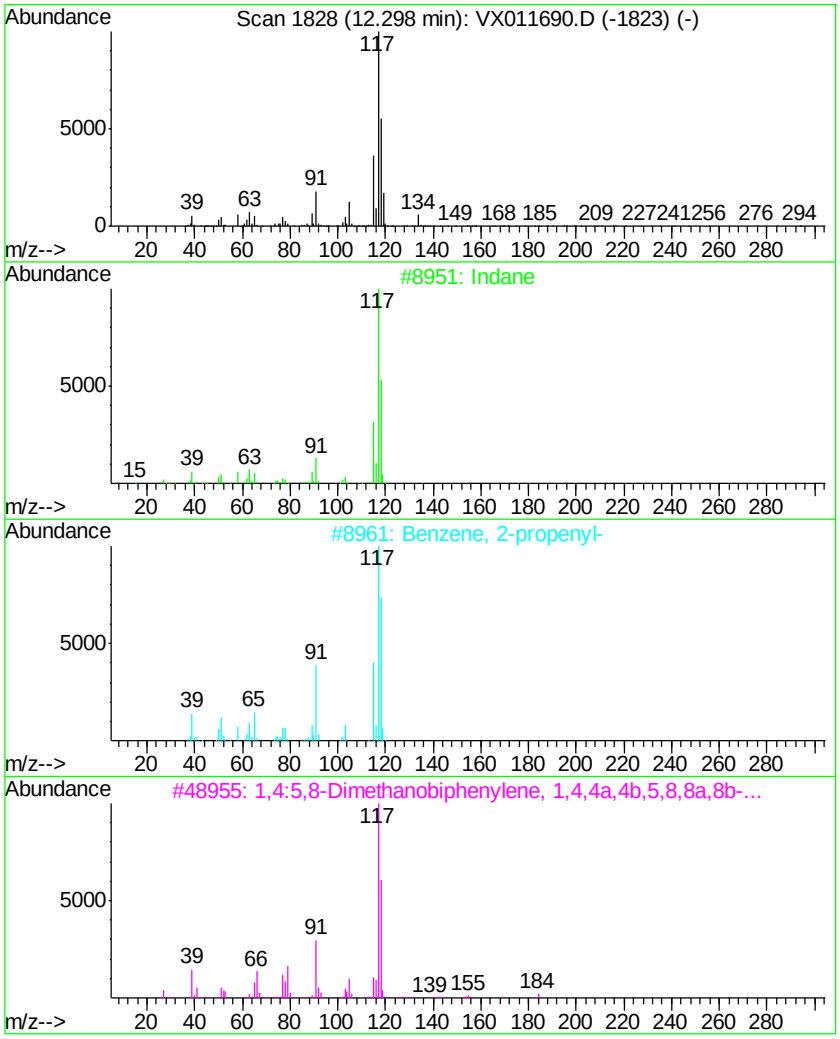
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

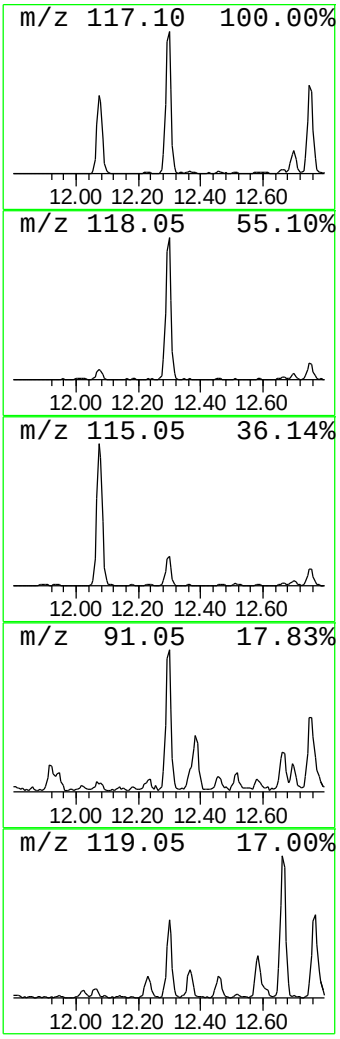
****

Peak Number 1 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	9.85 ug/l	289623	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
3	1,4:5,8-Dimethanobiphenylene, 1,...	184	C14H16	001624-13-1	72
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	68
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	68





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082019\
Data File : VX011690.D
Acq On : 20 Aug 2019 17:22
Operator : JC/SP
Sample : K4413-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TMW-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260

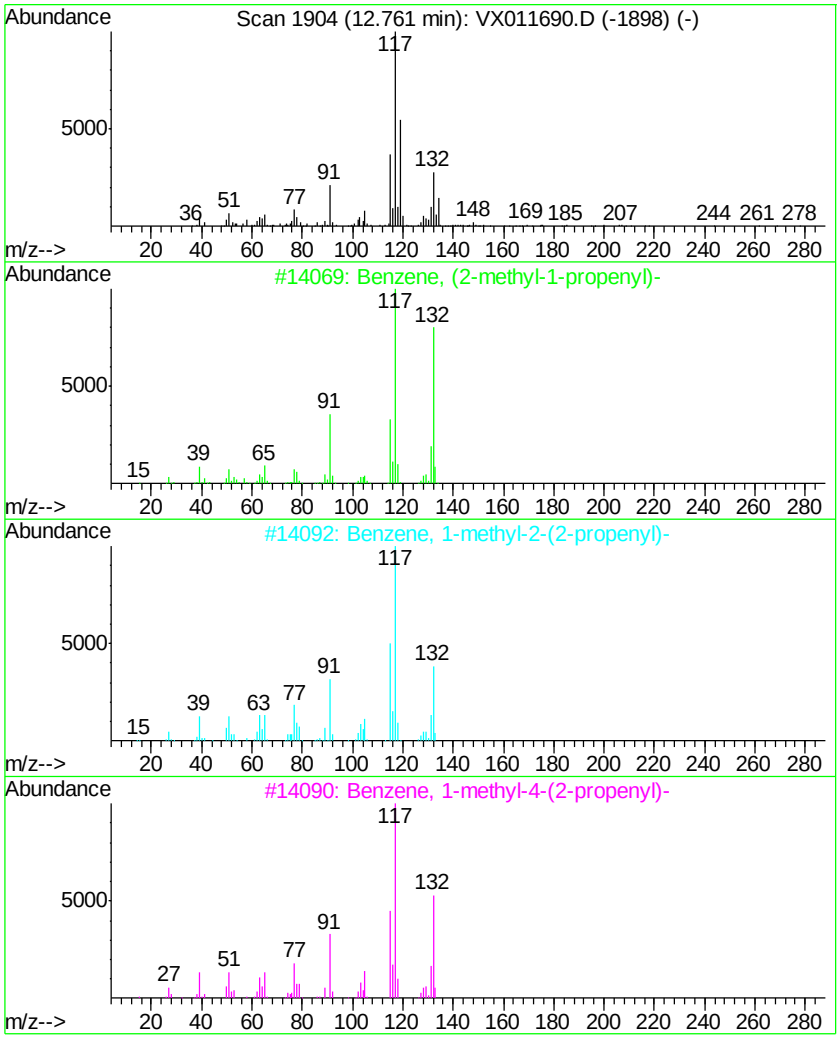
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

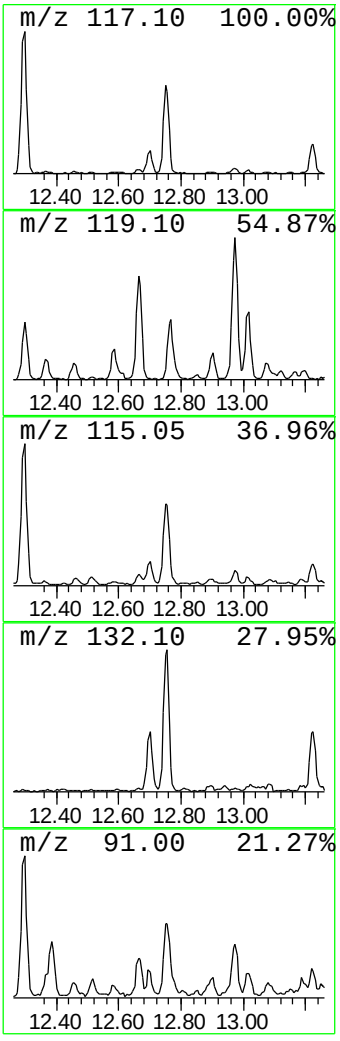
****

Peak Number 2 Benzene, (2-methyl-1-propen... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	6.70 ug/l	196841	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	83
4	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	81
5	Indan, 1-methyl-	132	C10H12	000767-58-8	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082019\
Data File : VX011690.D
Acq On : 20 Aug 2019 17:22
Operator : JC/SP
Sample : K4413-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TMW-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260

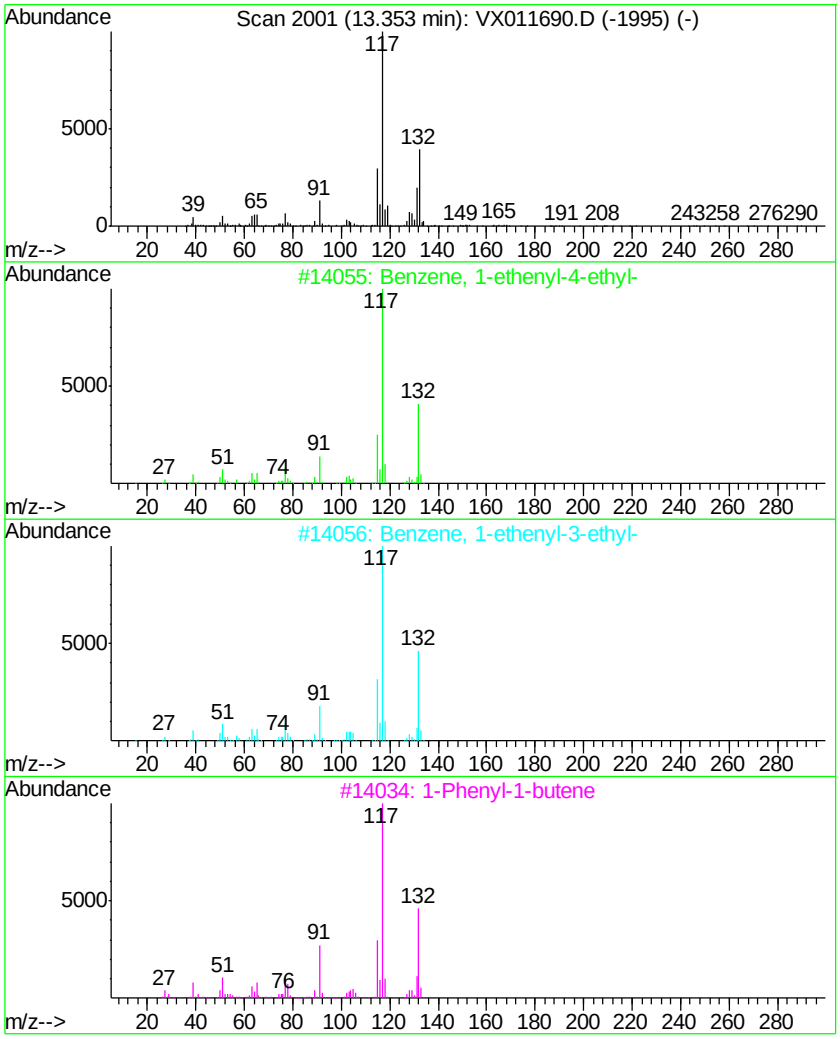
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

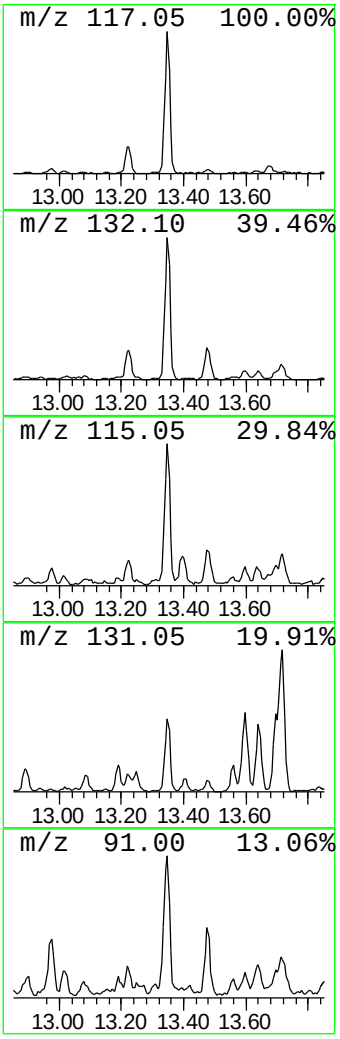
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	11.69 ug/l	343577	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	89
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	74
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	74
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082019\
Data File : VX011690.D
Acq On : 20 Aug 2019 17:22
Operator : JC/SP
Sample : K4413-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TMW-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260

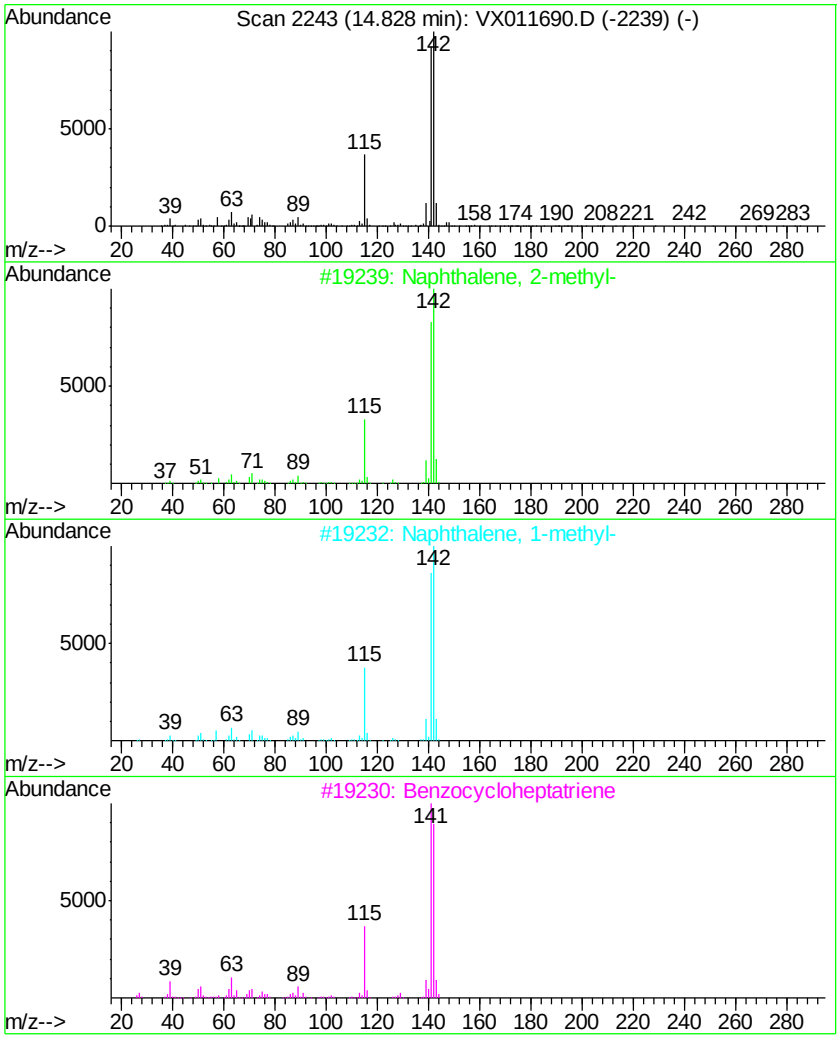
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

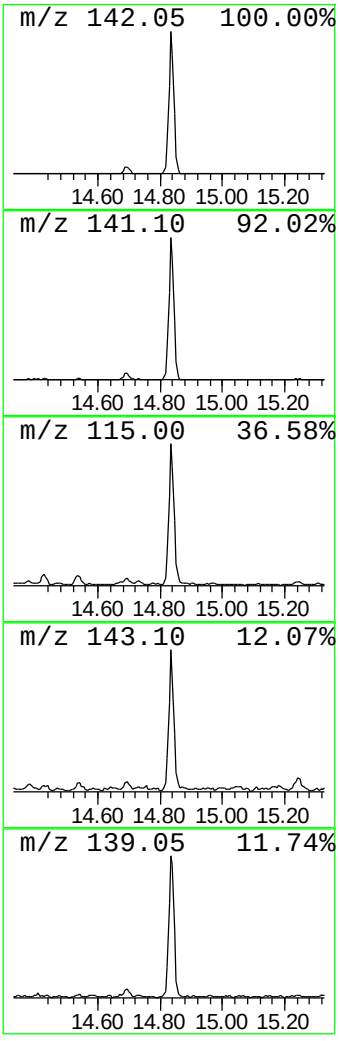
****

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	19.85 ug/l	583429	1,4-Dichlorobenzene-d4	12.07

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	90
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	80





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082019\
Data File : VX011690.D
Acq On : 20 Aug 2019 17:22
Operator : JC/SP
Sample : K4413-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TMW-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260

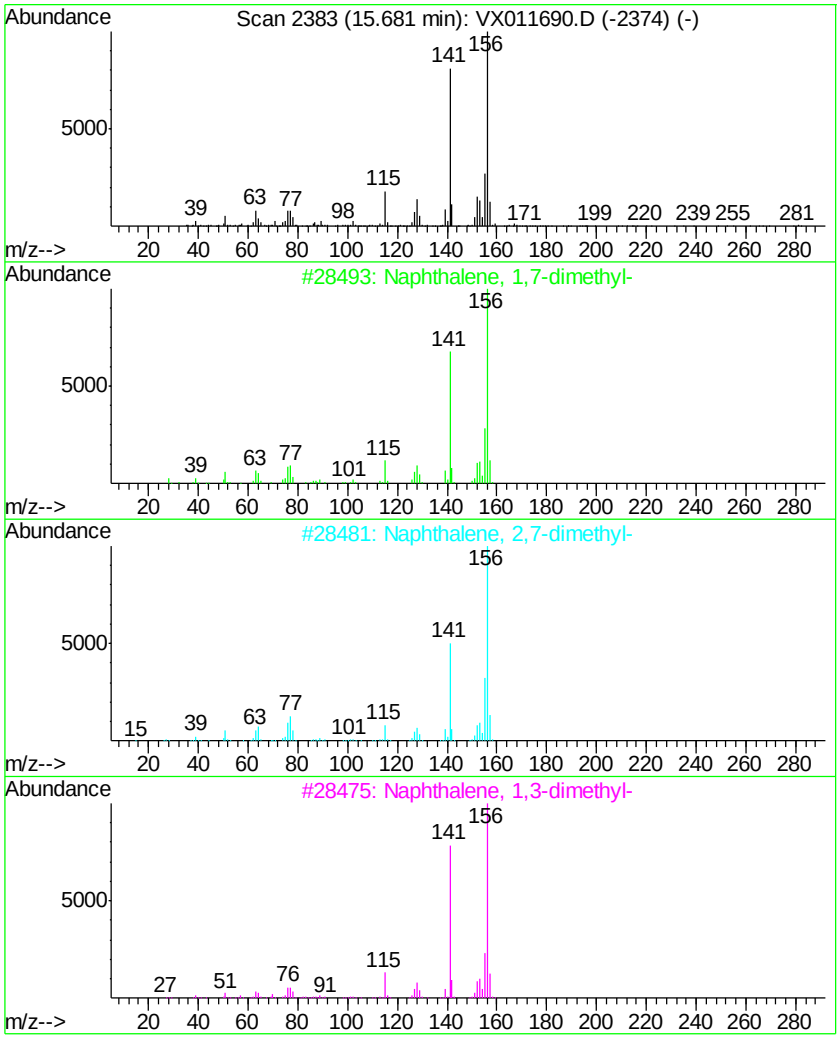
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

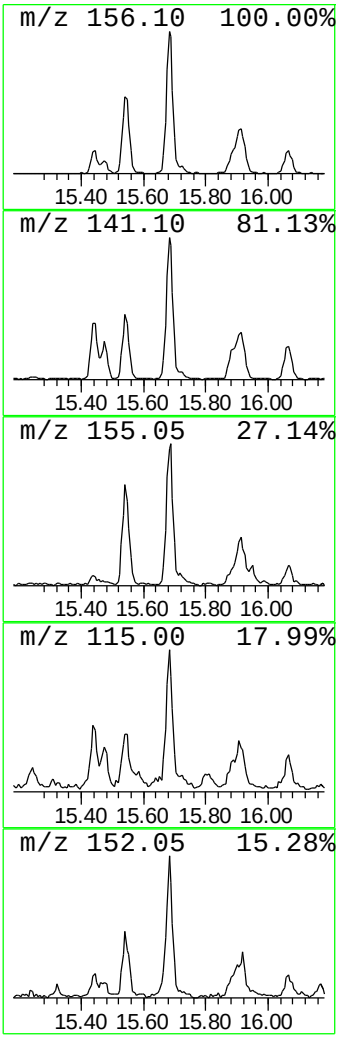
****

Peak Number 5 Naphthalene, 1,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	9.24 ug/l	271684	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082019\
Data File : VX011690.D
Acq On : 20 Aug 2019 17:22
Operator : JC/SP
Sample : K4413-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TMW-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.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
Indane	12.30	9.8	ug/l	289623	4	12.07	1469460	50.0
Benzene, (2-methy...	12.76	6.7	ug/l	196841	4	12.07	1469460	50.0
Benzene, 1-etheny...	13.35	11.7	ug/l	343577	4	12.07	1469460	50.0
Naphthalene, 1-me...	14.83	19.9	ug/l	583429	4	12.07	1469460	50.0
Naphthalene, 1,7-...	15.68	9.2	ug/l	271684	4	12.07	1469460	50.0