LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062119\
Data File : VX010389.D
Acq On : 21 Jun 2019 16:58
Operator : JC/SP
Sample : K3469-14
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-061919-01

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\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	1.282	16	21	23	rBV	33975	47663	3.80%	0.453%
2	1.319	23	27	35	rVV	22102	64580	5.15%	0.614%
3	2.446	206	212	221	rVB	16285	29864	2.38%	0.284%
4	2.611	233	239	248	rVB	16484	30899	2.46%	0.294%
5	3.032	299	308	317	rVB3	5506	16252	1.30%	0.155%
6	3.196	326	335	346	rBV	77083	185485	14.79%	1.764%
7	5.501	702	713	723	rBV	154227	435876	34.75%	4.146%
8	5.665	729	740	760	rVB	260311	751355	59.90%	7.147%
9	6.062	795	805	815	rBV	140910	375824	29.96%	3.575%
10	6.860	926	936	949	rBV	386208	912695	72.76%	8.682%
11	7.458	1027	1034	1045	rVB4	9175	24679	1.97%	0.235%
12	8.714	1234	1240	1250	rVB	805697	1254334	100.00%	11.932%
13	9.037	1288	1293	1300	rVB4	10781	19048	1.52%	0.181%
14	9.305	1332	1337	1343	rBV	13070	21232	1.69%	0.202%
15	9.677	1393	1398	1402	rBV	9326	13945	1.11%	0.133%
16	10.110	1463	1469	1478	rBV	787414	1071948	85.46%	10.197%
17	10.335	1501	1506	1509	rBV4	8481	15962	1.27%	0.152%
18	10.652	1551	1558	1563	rVV8	7224	18511	1.48%	0.176%
19	10.835	1585	1588	1595	rVB4	8881	14599	1.16%	0.139%
20	10.914	1595	1601	1613	rBV10	8297	29791	2.38%	0.283%
21	11.018	1613	1618	1624	rBV	56229	76192	6.07%	0.725%
22	11.134	1630	1637	1643	rBV	672851	865406	68.99%	8.232%
23	11.274	1656	1660	1668	rVB7	9111	16822	1.34%	0.160%
24	11.359	1668	1674	1683	rBV	60656	82384	6.57%	0.784%
25	11.670	1715	1725	1731	rBV9	10442	30097	2.40%	0.286%
26	11.768	1731	1741	1744	rBV2	12531	23500	1.87%	0.224%
27	11.920	1759	1766	1767	rBV3	10976	17751	1.42%	0.169%
28	11.945	1767	1770	1776	rVV	34857	45890	3.66%	0.437%
29	12.079	1786	1792	1797	rBV	815999	1041161	83.01%	9.904%
30	12.231	1813	1817	1820	rVB	19446	23099	1.84%	0.220%
31	12.298	1820	1828	1833	rBV	207702	263378	21.00%	2.505%
32	12.365	1836	1839	1847	rVB4	28443	52020	4.15%	0.495%
33	12.457	1847	1854	1859	rBV	34812	47625	3.80%	0.453%
34	12.664	1881	1888	1891	rBV	117554	142065	11.33%	1.351%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062119\
Data File : VX010389.D
Acq On : 21 Jun 2019 16:58
Operator : JC/SP
Sample : K3469-14
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-061919-01

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\82X061919W.M
Title : SW846 8260

35	12.701	1891	1894	1899	rVV2	47020	70937	5.66%	0.675%
36	12.756	1899	1903	1910	rVV2	136775	208513	16.62%	1.983%
37	12.871	1917	1922	1923	rBV	10469	14753	1.18%	0.140%
38	12.896	1923	1926	1930	rVB	29179	37317	2.98%	0.355%
39	12.975	1931	1939	1943	rBV	107628	144989	11.56%	1.379%
40	13.024	1943	1947	1952	rVB7	7778	13986	1.12%	0.133%
41	13.085	1952	1957	1962	rVB2	15120	26007	2.07%	0.247%
42	13.146	1962	1967	1971	rBV	12727	21611	1.72%	0.206%
43	13.194	1971	1975	1977	rBV2	18792	23951	1.91%	0.228%
44	13.225	1977	1980	1983	rBV	21561	21678	1.73%	0.206%
45	13.341	1995	1999	2006	rVB2	285959	413263	32.95%	3.931%
46	13.475	2017	2021	2027	rVB	81125	106189	8.47%	1.010%
47	13.560	2031	2035	2038	rBV3	13818	20437	1.63%	0.194%
48	13.597	2038	2041	2044	rVV2	16565	20947	1.67%	0.199%
49	13.639	2044	2048	2052	rVV3	39096	57934	4.62%	0.551%
50	13.694	2052	2057	2059	rVV3	30893	52897	4.22%	0.503%
51	13.719	2059	2061	2071	rVB3	49580	84562	6.74%	0.804%
52	13.835	2071	2080	2087	rVB2	73108	138236	11.02%	1.315%
53	13.908	2088	2092	2097	rVB	29696	38382	3.06%	0.365%
54	13.981	2097	2104	2108	rBV2	46376	68912	5.49%	0.656%
55	14.030	2108	2112	2115	rBV2	17120	20232	1.61%	0.192%
56	14.127	2123	2128	2131	rBV2	15398	23426	1.87%	0.223%
57	14.158	2131	2133	2138	rVB2	12385	14675	1.17%	0.140%
58	14.286	2147	2154	2160	rVB3	40776	87053	6.94%	0.828%
59	14.377	2166	2169	2173	rVB	16217	17822	1.42%	0.170%
60	14.426	2173	2177	2182	rVV2	22117	30986	2.47%	0.295%
61	14.536	2190	2195	2205	rBV2	70058	94231	7.51%	0.896%
62	14.694	2213	2221	2224	rBV	44291	62913	5.02%	0.598%
63	14.780	2231	2235	2239	rVB6	8475	13197	1.05%	0.126%
64	14.841	2239	2245	2249	rBV2	94170	137377	10.95%	1.307%
65	15.243	2306	2311	2319	rVB4	11909	24339	1.94%	0.232%
66	15.438	2339	2343	2347	rBV2	13274	21893	1.75%	0.208%
67	15.475	2347	2349	2355	rVB	10485	12846	1.02%	0.122%
68	15.548	2355	2361	2366	rBV3	33003	54941	4.38%	0.523%
69	15.682	2375	2383	2387	rBV	58670	99828	7.96%	0.950%
70	15.724	2387	2390	2397	rVB2	21158	31415	2.50%	0.299%
71	15.804	2397	2403	2409	rBV7	6311	13794	1.10%	0.131%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062119\
Data File : VX010389.D
Acq On : 21 Jun 2019 16:58
Operator : JC/SP
Sample : K3469-14
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-061919-01

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\82X061919W.M
Title : SW846 8260

72	15.913	2412	2421	2431	rVB2	17288	51494	4.11%	0.490%
73	16.066	2440	2446	2452	rBV2	13974	24506	1.95%	0.233%
74	16.407	2496	2502	2511	rVB	12684	27985	2.23%	0.266%

Sum of corrected areas: 10512386

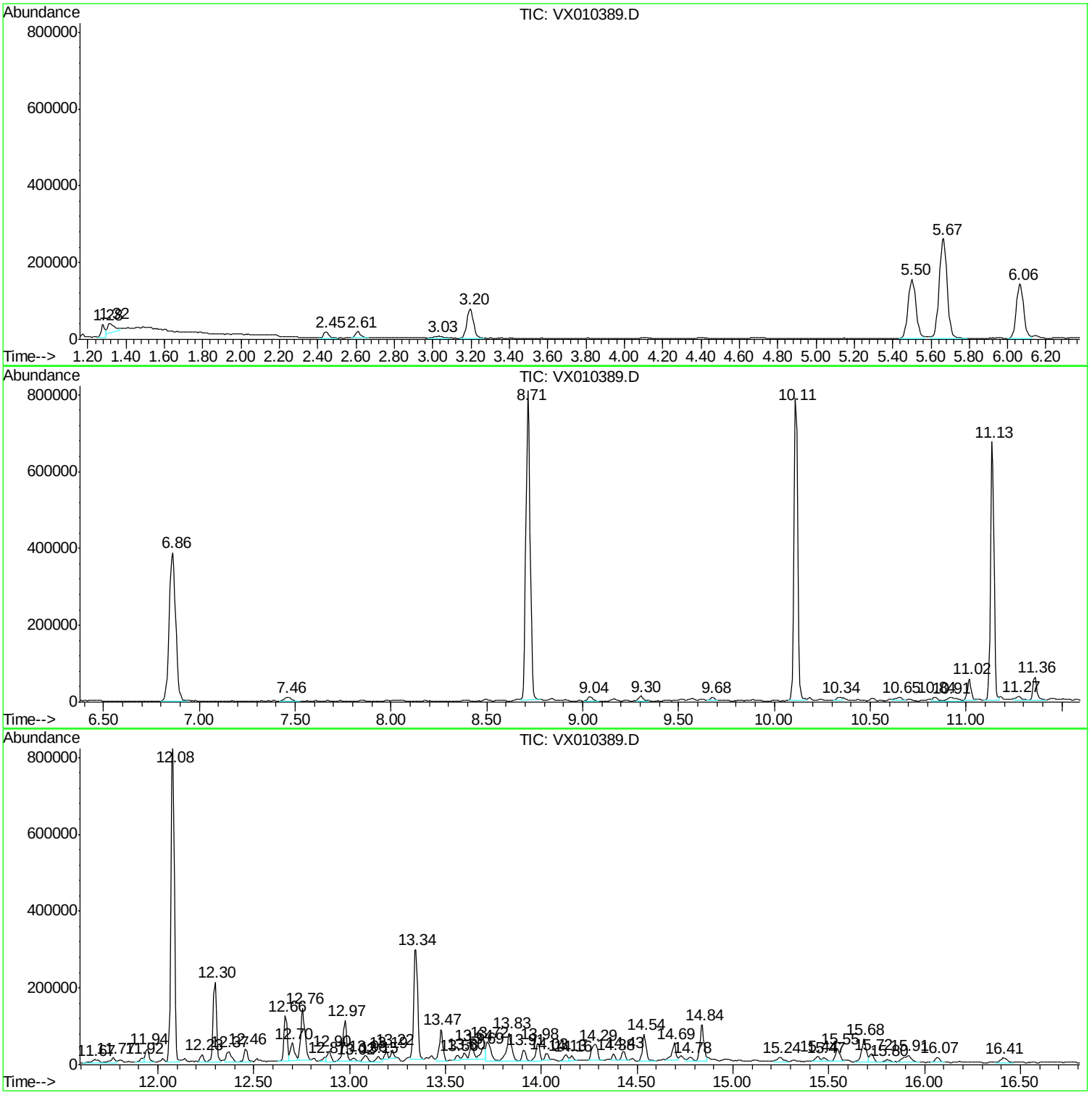
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062119\
Data File : VX010389.D
Acq On : 21 Jun 2019 16:58
Operator : JC/SP
Sample : K3469-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-061919-01

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\VX062119\
Data File : VX010389.D
Acq On : 21 Jun 2019 16:58
Operator : JC/SP
Sample : K3469-14
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-061919-01

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

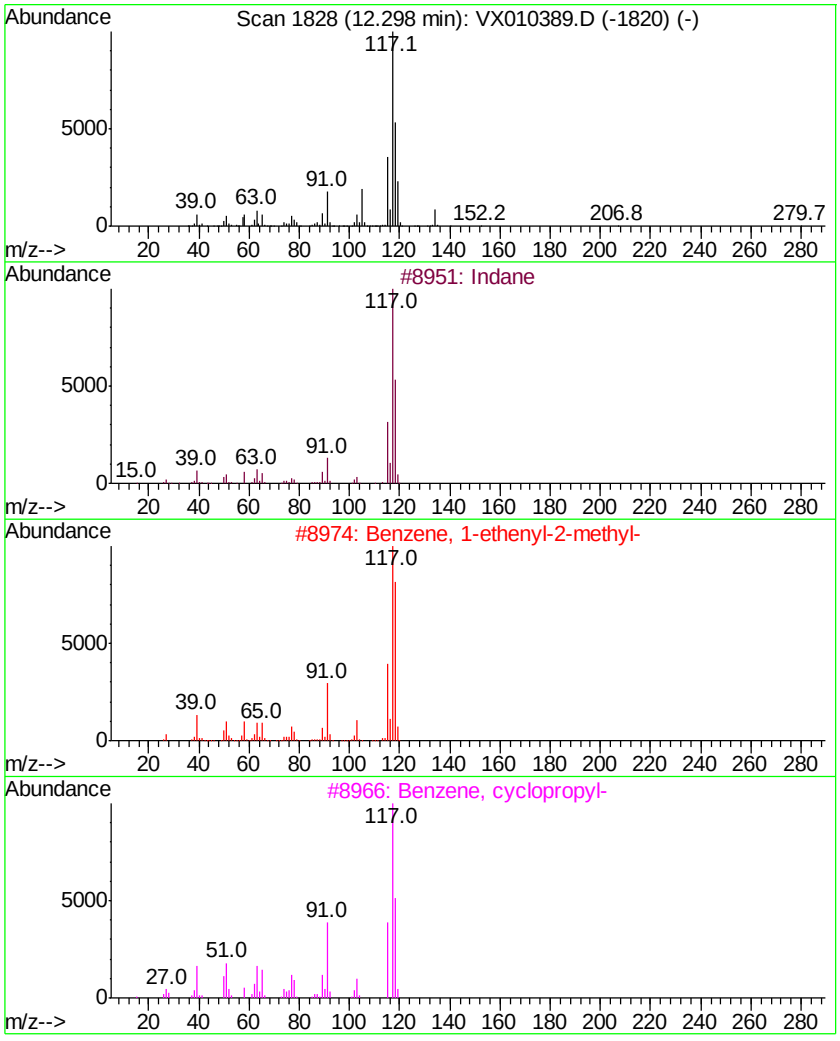
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

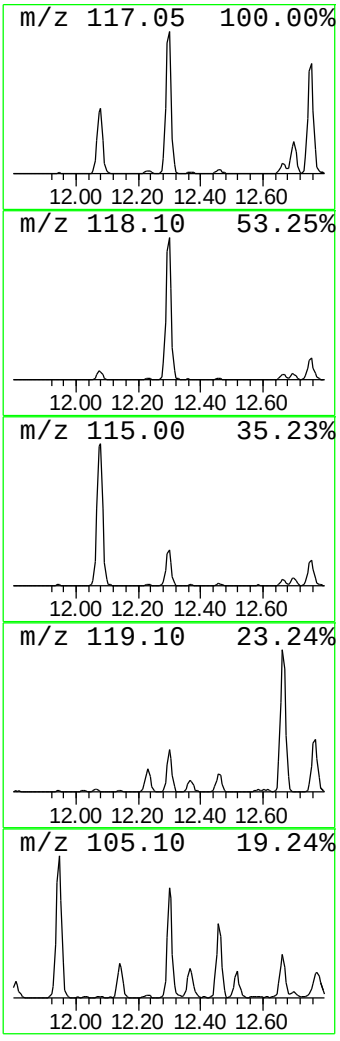
****

Peak Number 1 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	12.65 ug/l	263378	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	92
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	86
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	70
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062119\
Data File : VX010389.D
Acq On : 21 Jun 2019 16:58
Operator : JC/SP
Sample : K3469-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-061919-01

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

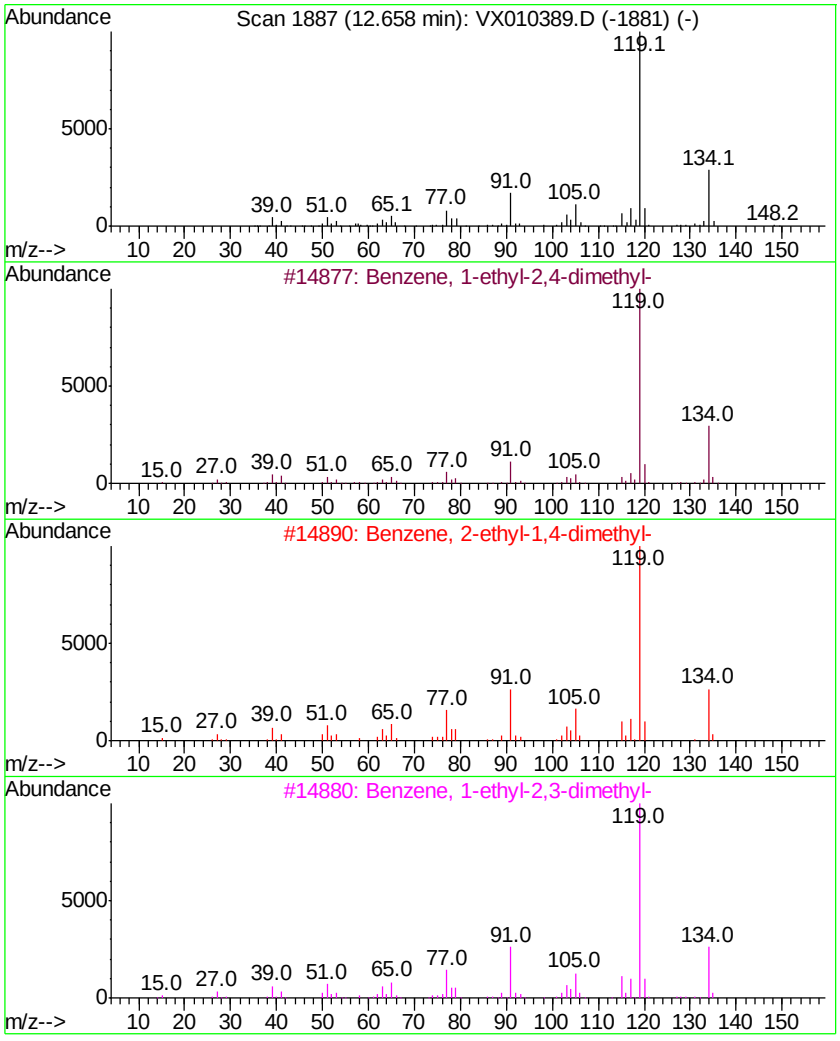
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

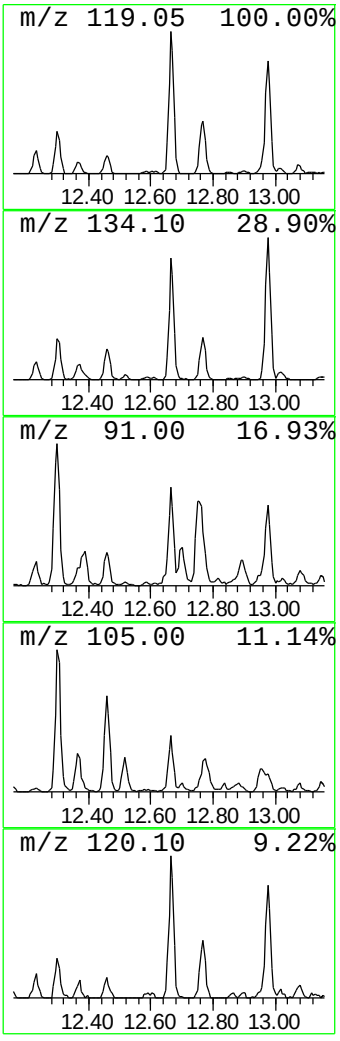
****

Peak Number 2 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	6.82 ug/l	142065	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062119\
Data File : VX010389.D
Acq On : 21 Jun 2019 16:58
Operator : JC/SP
Sample : K3469-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-061919-01

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

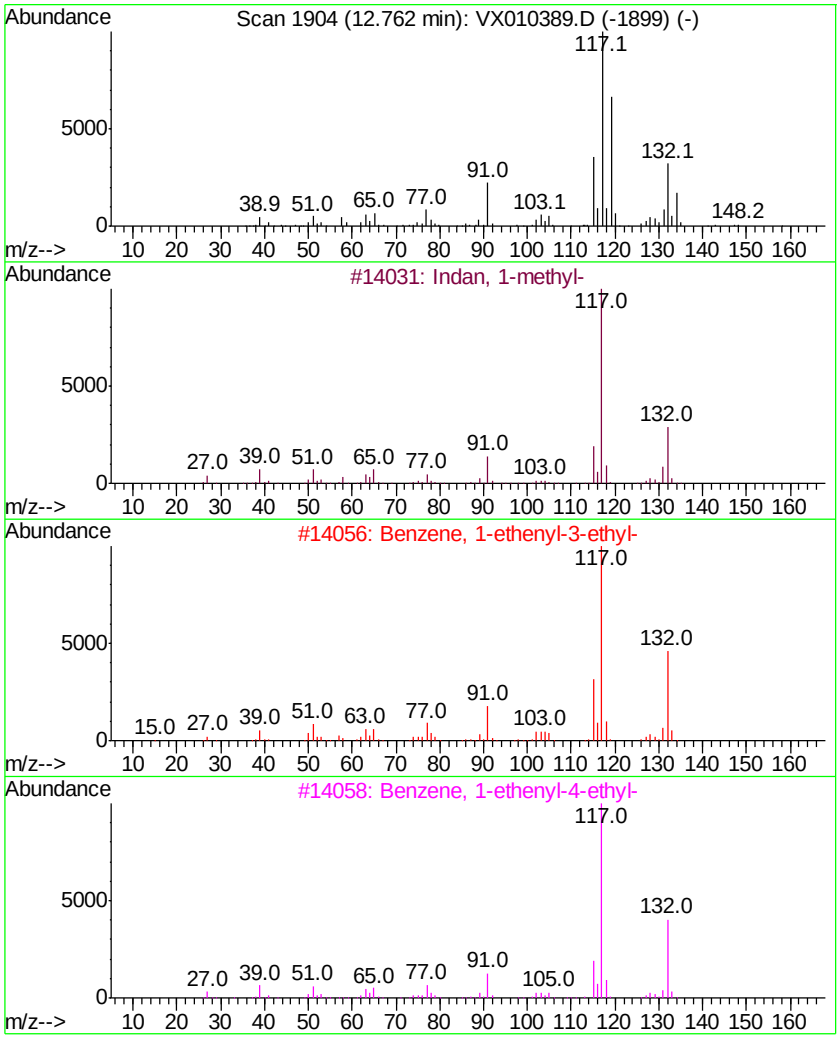
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

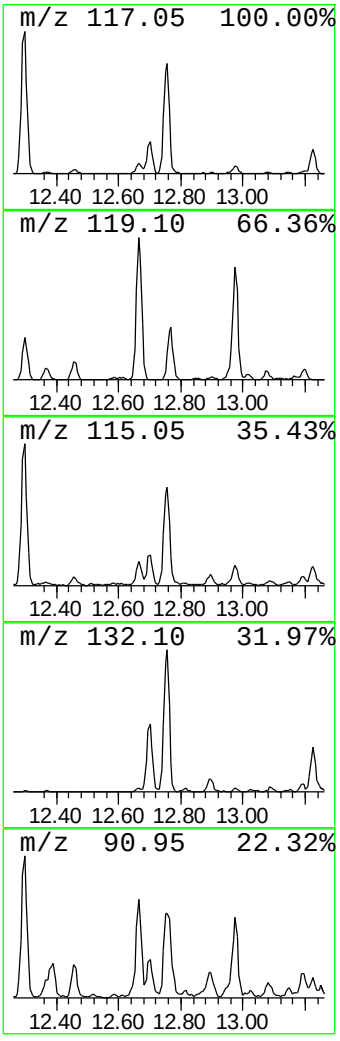
****

Peak Number 3 Indan, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	10.01 ug/l	208513	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	76
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062119\
Data File : VX010389.D
Acq On : 21 Jun 2019 16:58
Operator : JC/SP
Sample : K3469-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-061919-01

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

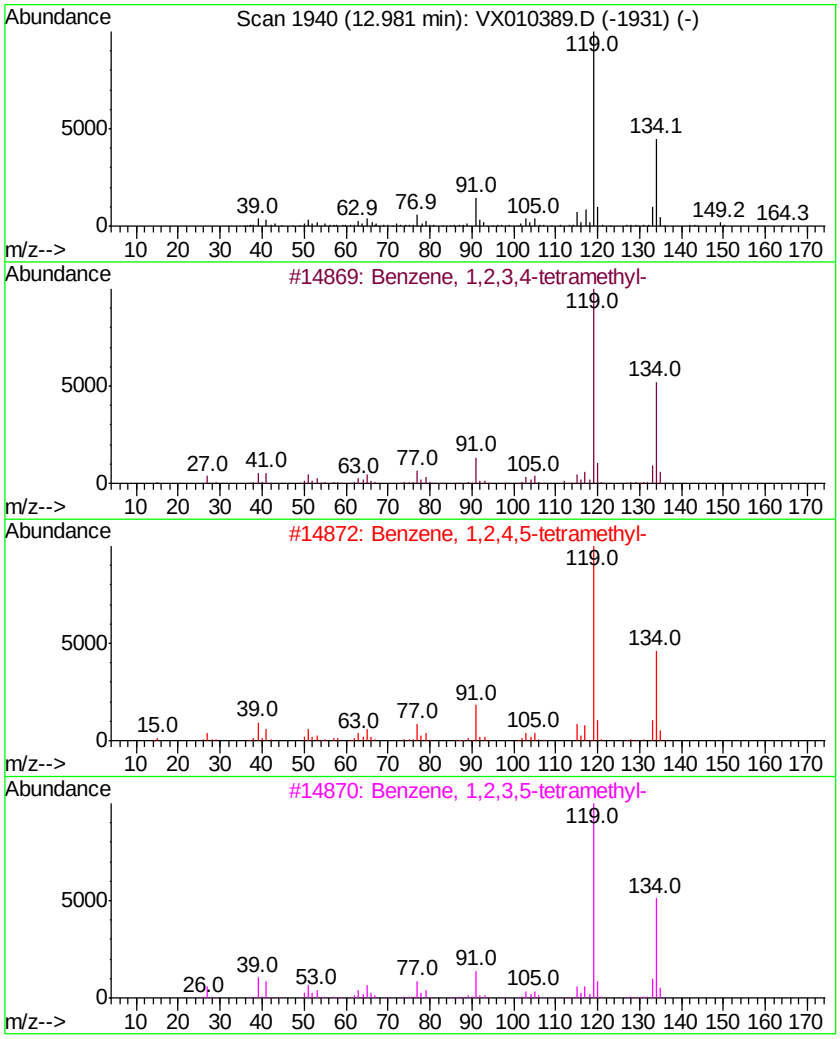
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

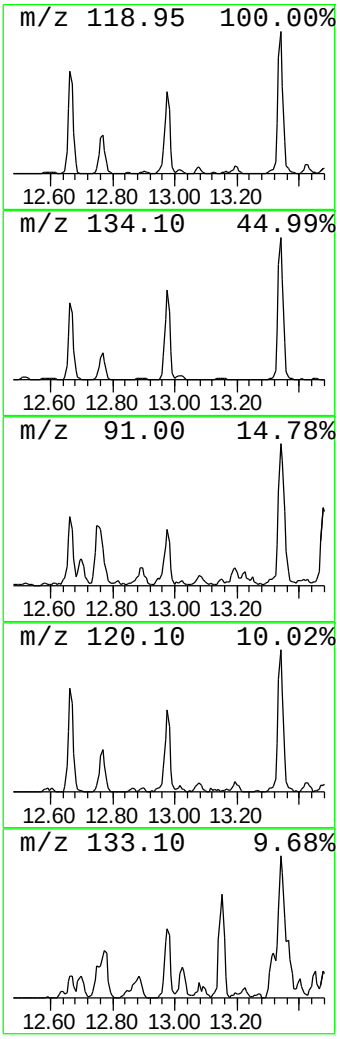
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	6.96 ug/l	144989	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, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062119\
Data File : VX010389.D
Acq On : 21 Jun 2019 16:58
Operator : JC/SP
Sample : K3469-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-061919-01

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

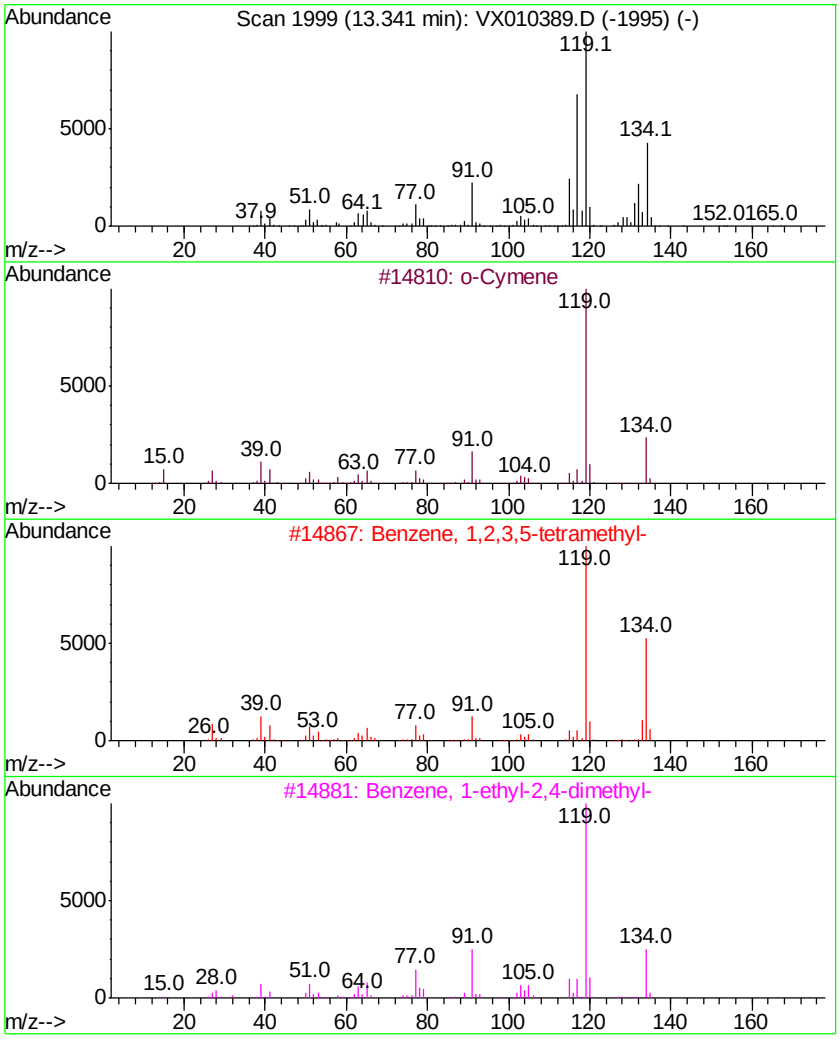
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

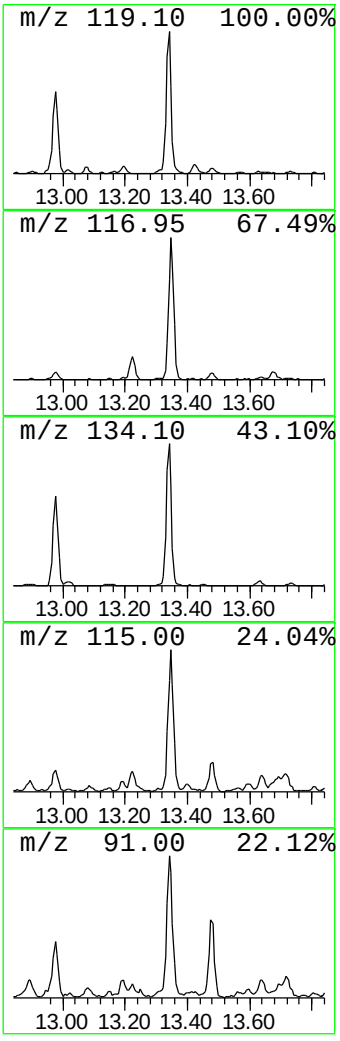
****

Peak Number 5 o-Cymene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	19.85 ug/l	413263	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	60
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	60
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60
4	p-Cymene	134	C10H14	000099-87-6	60
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062119\
Data File : VX010389.D
Acq On : 21 Jun 2019 16:58
Operator : JC/SP
Sample : K3469-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-061919-01

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

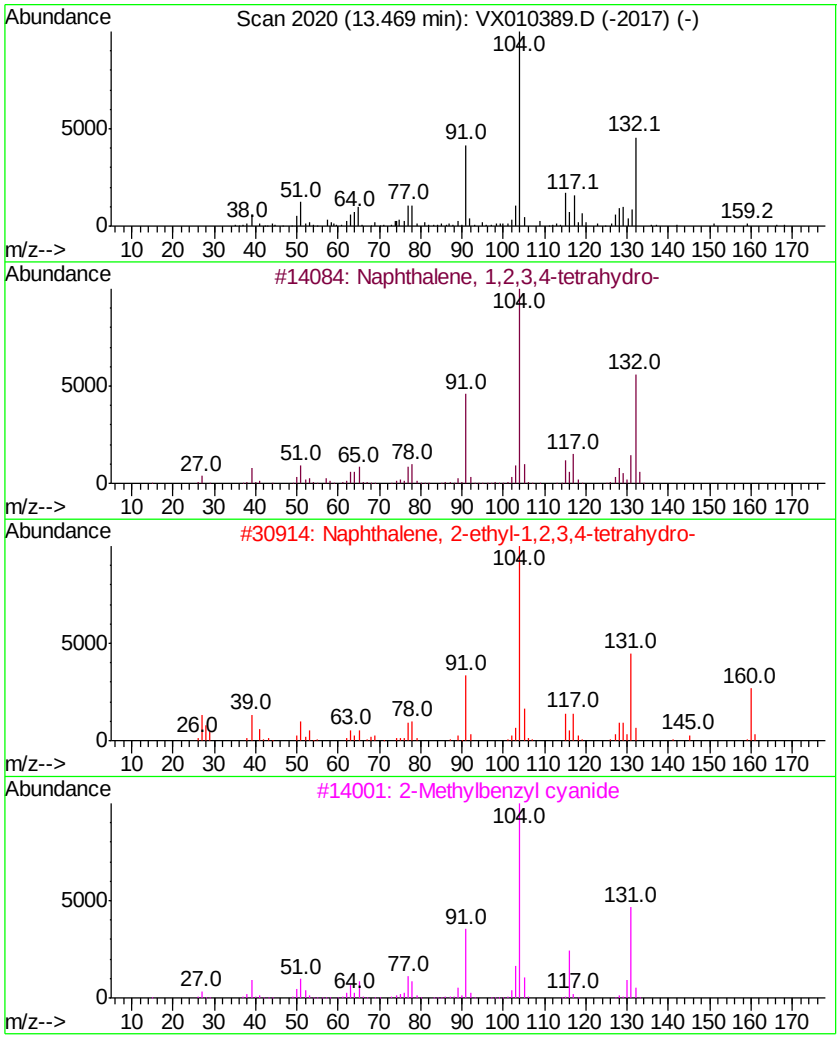
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

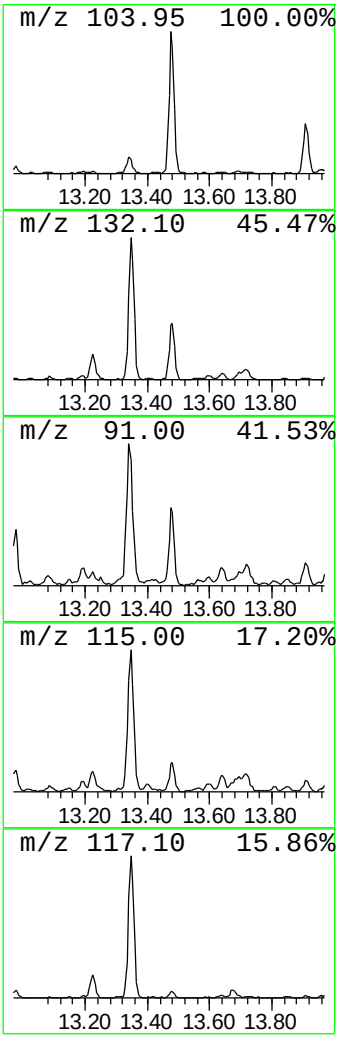
****

Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	5.10 ug/l	106189	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	95
2	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	53
3	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	46
4	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	35
5	2-Methylbenzyl alcohol, pentaflu...	268	C11H9F5O2	1000364-54-1	35





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062119\
Data File : VX010389.D
Acq On : 21 Jun 2019 16:58
Operator : JC/SP
Sample : K3469-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-061919-01

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

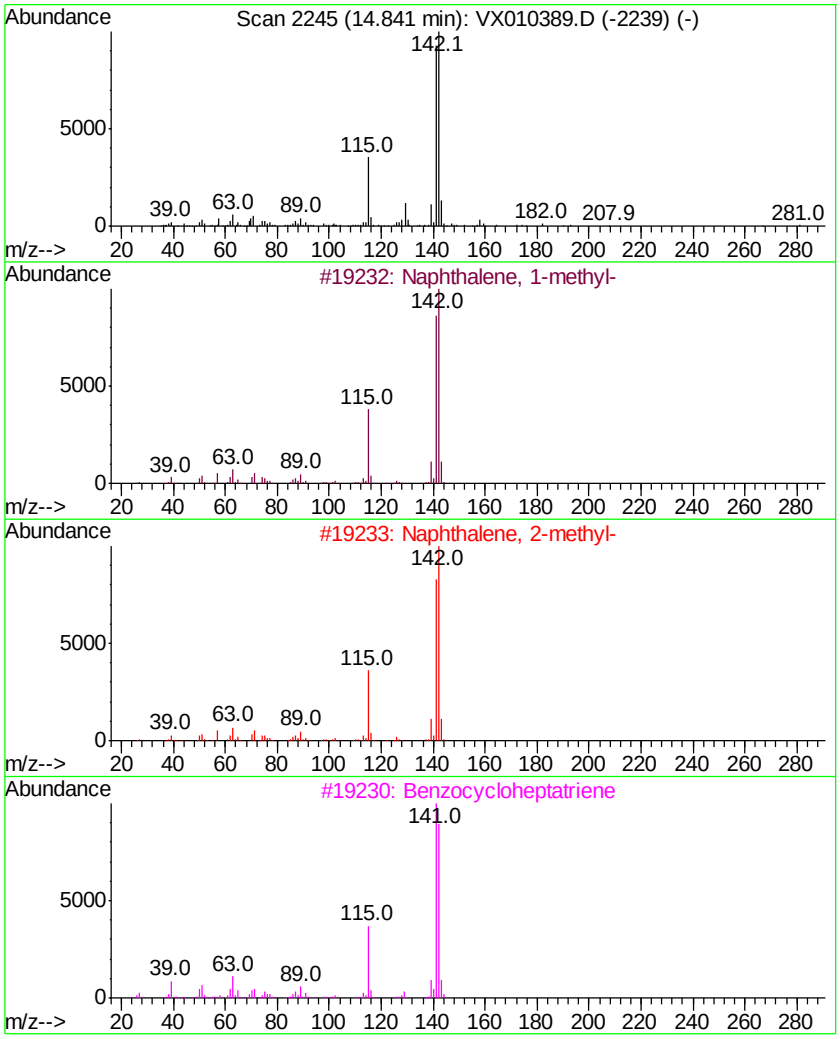
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

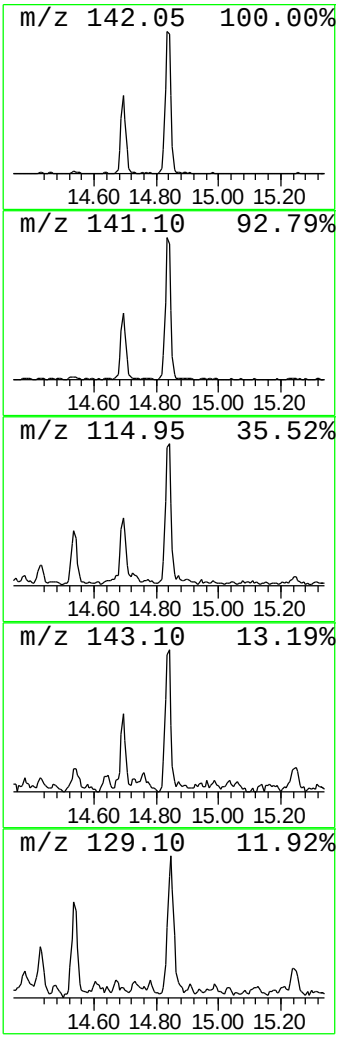
****

Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	6.60 ug/l	137377	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	87
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062119\
Data File : VX010389.D
Acq On : 21 Jun 2019 16:58
Operator : JC/SP
Sample : K3469-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-061919-01

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
Indane	12.30	12.7	ug/l	263378	4	12.08	1041160	50.0
Benzene, 1-ethyl-...	12.66	6.8	ug/l	142065	4	12.08	1041160	50.0
Indan, 1-methyl-	12.76	10.0	ug/l	208513	4	12.08	1041160	50.0
Benzene, 1,2,3,4-...	12.98	7.0	ug/l	144989	4	12.08	1041160	50.0
o-Cymene	13.34	19.9	ug/l	413263	4	12.08	1041160	50.0
Naphthalene, 1,2,...	13.47	5.1	ug/l	106189	4	12.08	1041160	50.0
Naphthalene, 1-me...	14.84	6.6	ug/l	137377	4	12.08	1041160	50.0