LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120419\
Data File : VX013757.D
Acq On : 04 Dec 2019 18:14
Operator : JC/SP
Sample : K6098-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C4-GW

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\82X112619W.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	1.070	26	30	43	rBV	1919925	2230215	71.23%	6.340%
2	1.265	59	62	68	rBV	69834	86833	2.77%	0.247%
3	1.478	93	97	105	rBV	196788	230185	7.35%	0.654%
4	1.594	109	116	120	rVB9	33172	66456	2.12%	0.189%
5	2.100	195	199	204	rVB	43986	62067	1.98%	0.176%
6	2.429	245	253	259	rBV	76472	132354	4.23%	0.376%
7	4.667	614	620	632	rVB2	14649	45821	1.46%	0.130%
8	5.112	684	693	711	rBV	392596	1196607	38.22%	3.402%
9	5.490	744	755	769	rBV2	359600	1020185	32.58%	2.900%
10	5.655	772	782	797	rVB	649332	1800525	57.51%	5.118%
11	6.051	839	847	859	rBV	396303	1020684	32.60%	2.902%
12	6.849	968	978	990	rBV	994102	2281928	72.88%	6.487%
13	8.709	1276	1283	1292	rBV	2049284	3131075	100.00%	8.901%
14	10.105	1505	1512	1520	rBV	1937131	2658826	84.92%	7.558%
15	11.013	1656	1661	1667	rBV	282870	352310	11.25%	1.002%
16	11.135	1675	1681	1687	rBV	1608563	2082053	66.50%	5.919%
17	11.355	1713	1717	1723	rVB	157149	195887	6.26%	0.557%
18	11.763	1780	1784	1787	rBV	28864	34613	1.11%	0.098%
19	11.940	1810	1813	1819	rVB	174288	207547	6.63%	0.590%
20	12.074	1830	1835	1842	rBV	2099728	2514501	80.31%	7.148%
21	12.227	1856	1860	1864	rBV	67081	80768	2.58%	0.230%
22	12.300	1868	1872	1876	rVV	317027	371332	11.86%	1.056%
23	12.385	1879	1886	1892	rVB2	50580	80606	2.57%	0.229%
24	12.458	1892	1898	1903	rBV	140503	184650	5.90%	0.525%
25	12.665	1924	1932	1934	rBV	402538	482265	15.40%	1.371%
26	12.696	1934	1937	1941	rVV	301592	361976	11.56%	1.029%
27	12.751	1941	1946	1953	rVV2	849148	1195184	38.17%	3.398%
28	12.891	1962	1969	1975	rVV	79170	107426	3.43%	0.305%
29	12.970	1975	1982	1987	rBV	400063	535974	17.12%	1.524%
30	13.080	1995	2000	2005	rBV3	67362	101495	3.24%	0.289%
31	13.147	2007	2011	2014	rBV	43293	57365	1.83%	0.163%
32	13.190	2014	2018	2020	rVV2	120191	145782	4.66%	0.414%
33	13.220	2020	2023	2032	rVB	209002	279825	8.94%	0.795%
34	13.342	2038	2043	2049	rVB2	1251128	1703089	54.39%	4.841%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120419\
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Acq On : 04 Dec 2019 18:14
Operator : JC/SP
Sample : K6098-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C4-GW

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\82X112619W.M
Title : SW846 8260

35	13.397	2049	2052	2054	rVV3	35044	42898	1.37%	0.122%
36	13.421	2054	2056	2059	rVB	34925	32722	1.05%	0.093%
37	13.556	2074	2078	2081	rBV2	41009	52219	1.67%	0.148%
38	13.592	2081	2084	2087	rBV	93168	117390	3.75%	0.334%
39	13.635	2087	2091	2095	rVV3	194004	266943	8.53%	0.759%
40	13.696	2095	2101	2102	rVV2	147324	230295	7.36%	0.655%
41	13.714	2102	2104	2113	rVB2	236156	330386	10.55%	0.939%
42	13.805	2113	2119	2122	rBV	31895	43342	1.38%	0.123%
43	13.848	2122	2126	2131	rVB	58397	70337	2.25%	0.200%
44	13.909	2131	2136	2141	rBV	402183	510988	16.32%	1.453%
45	13.982	2141	2148	2152	rBV	478689	635320	20.29%	1.806%
46	14.025	2152	2155	2158	rVV	114238	131459	4.20%	0.374%
47	14.129	2167	2172	2174	rBV	65615	80720	2.58%	0.229%
48	14.159	2174	2177	2183	rVB3	51301	61815	1.97%	0.176%
49	14.281	2191	2197	2201	rBV3	168880	331908	10.60%	0.944%
50	14.372	2209	2212	2216	rVB	107163	124354	3.97%	0.354%
51	14.427	2216	2221	2225	rBV	113828	143295	4.58%	0.407%
52	14.476	2225	2229	2234	rVB5	17508	31766	1.01%	0.090%
53	14.537	2234	2239	2245	rBV2	495093	648663	20.72%	1.844%
54	14.671	2255	2261	2267	rBV5	70015	157027	5.02%	0.446%
55	14.726	2267	2270	2275	rVB2	71820	82845	2.65%	0.236%
56	14.842	2284	2289	2292	rBV2	54206	89678	2.86%	0.255%
57	14.872	2292	2294	2297	rVV3	43675	61009	1.95%	0.173%
58	14.903	2297	2299	2303	rVB3	36627	38029	1.21%	0.108%
59	14.958	2303	2308	2316	rVB6	39817	93779	3.00%	0.267%
60	15.110	2328	2333	2341	rVB3	24715	47662	1.52%	0.135%
61	15.244	2347	2355	2361	rBV2	49343	96716	3.09%	0.275%
62	15.317	2362	2367	2373	rVB2	58463	87906	2.81%	0.250%
63	15.439	2375	2387	2390	rBV	163202	276813	8.84%	0.787%
64	15.470	2390	2392	2398	rVB	157974	204843	6.54%	0.582%
65	15.543	2398	2404	2410	rBV	462481	747715	23.88%	2.126%
66	15.683	2416	2427	2433	rBV	705060	1121431	35.82%	3.188%
67	15.805	2441	2447	2453	rBV3	28336	49705	1.59%	0.141%
68	15.915	2454	2465	2475	rVB	233502	627874	20.05%	1.785%
69	16.061	2483	2489	2500	rBV	145406	261090	8.34%	0.742%
70	16.415	2538	2547	2554	rVV3	40273	110968	3.54%	0.315%
71	16.683	2587	2591	2597	rVB3	27468	51884	1.66%	0.147%

LSC Area Percent Report

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Acq On : 04 Dec 2019 18:14
Operator : JC/SP
Sample : K6098-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C4-GW

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\82X112619W.M
Title : SW846 8260

72	16.744	2597	2601	2608	rVB3	22378	45158	1.44%	0.128%

Sum of corrected areas: 35177361

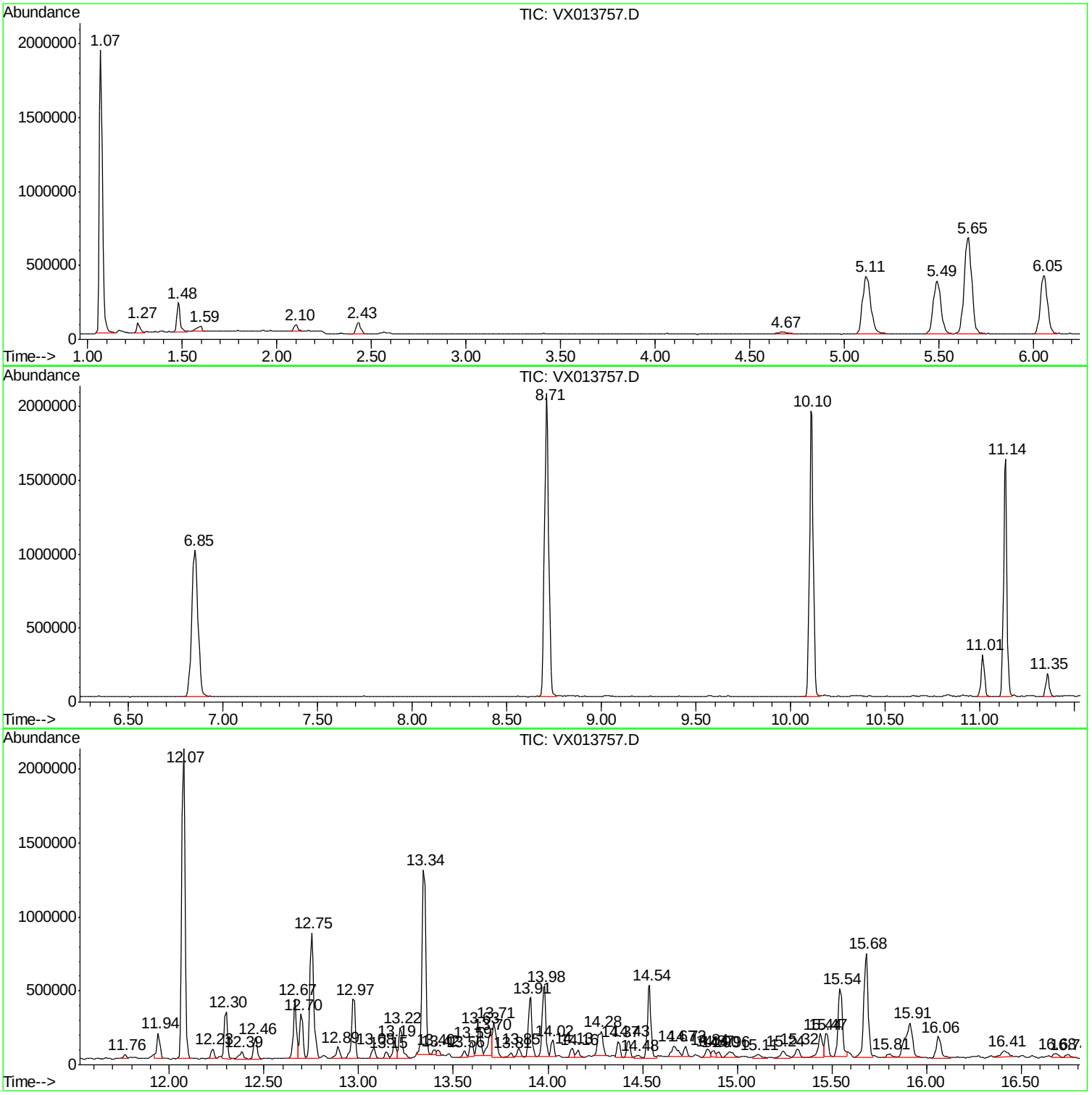
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120419\
Data File : VX013757.D
Acq On : 04 Dec 2019 18:14
Operator : JC/SP
Sample : K6098-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OWL-C4-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.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\VX120419\
Data File : VX013757.D
Acq On : 04 Dec 2019 18:14
Operator : JC/SP
Sample : K6098-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C4-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260

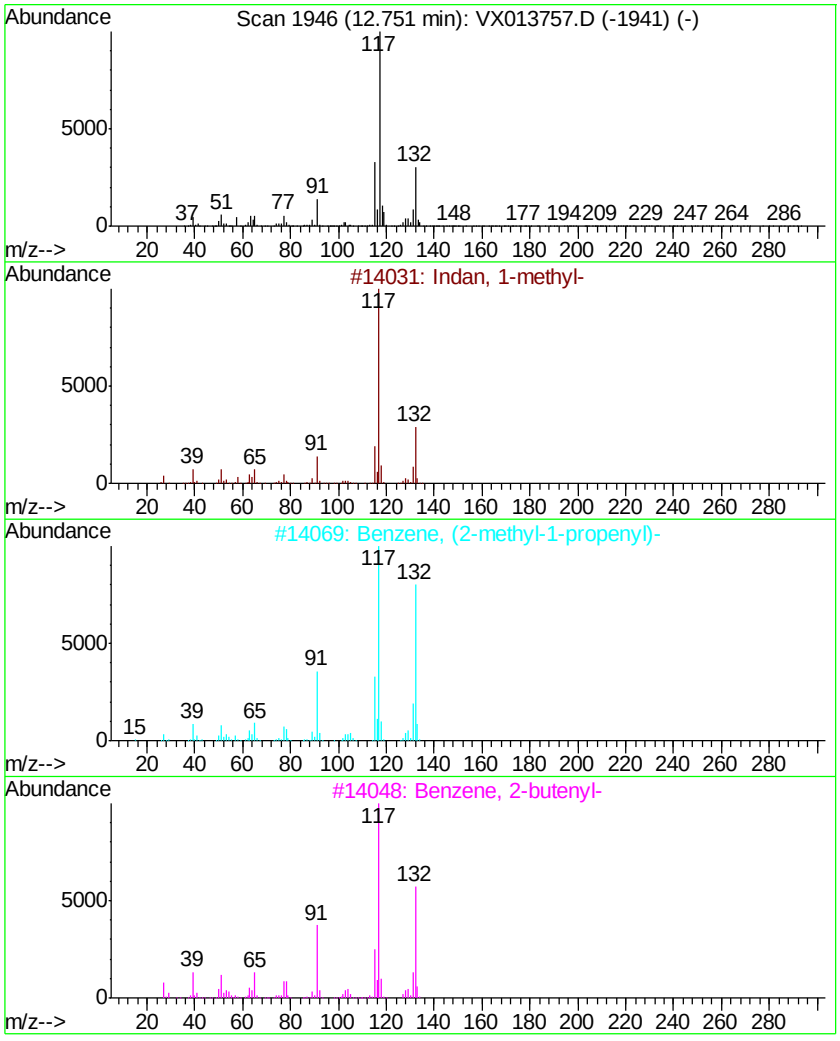
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

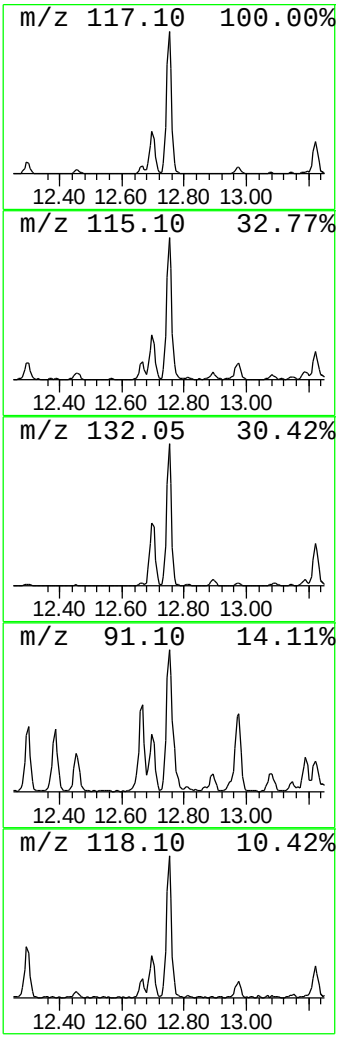
****

Peak Number 2 Indan, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	23.77 ug/l	1195180	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	90
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120419\
Data File : VX013757.D
Acq On : 04 Dec 2019 18:14
Operator : JC/SP
Sample : K6098-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C4-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260

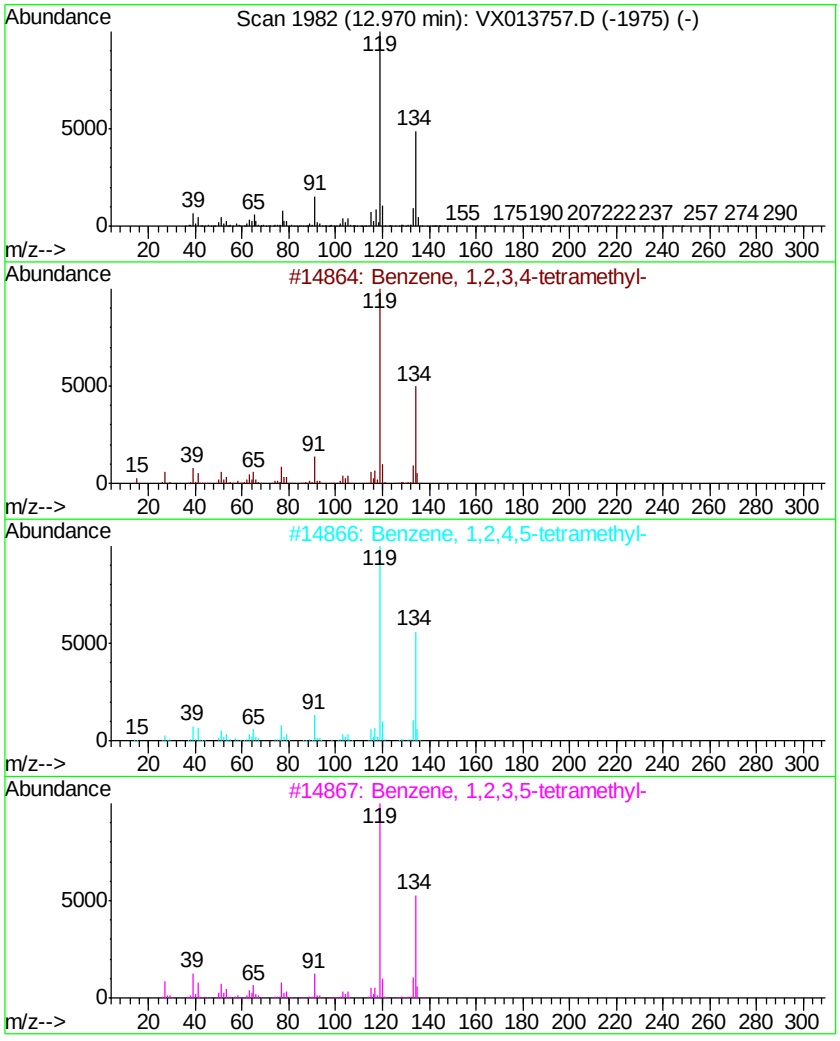
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

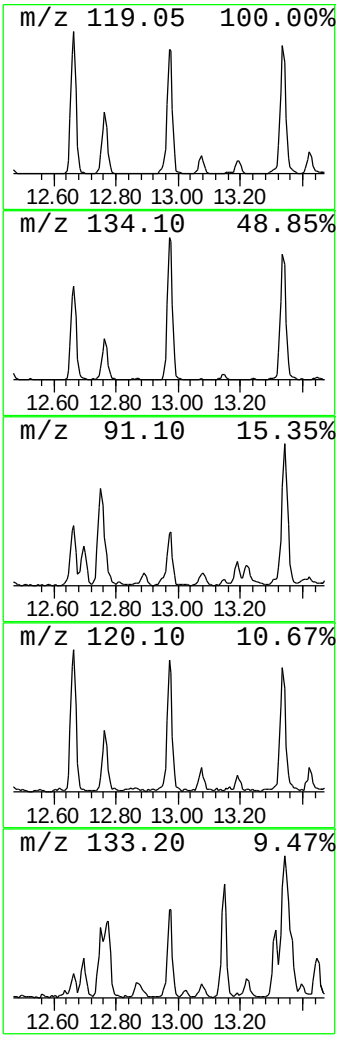
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	10.66 ug/l	535974	1,4-Dichlorobenzene-d4	12.07

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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120419\
Data File : VX013757.D
Acq On : 04 Dec 2019 18:14
Operator : JC/SP
Sample : K6098-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C4-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260

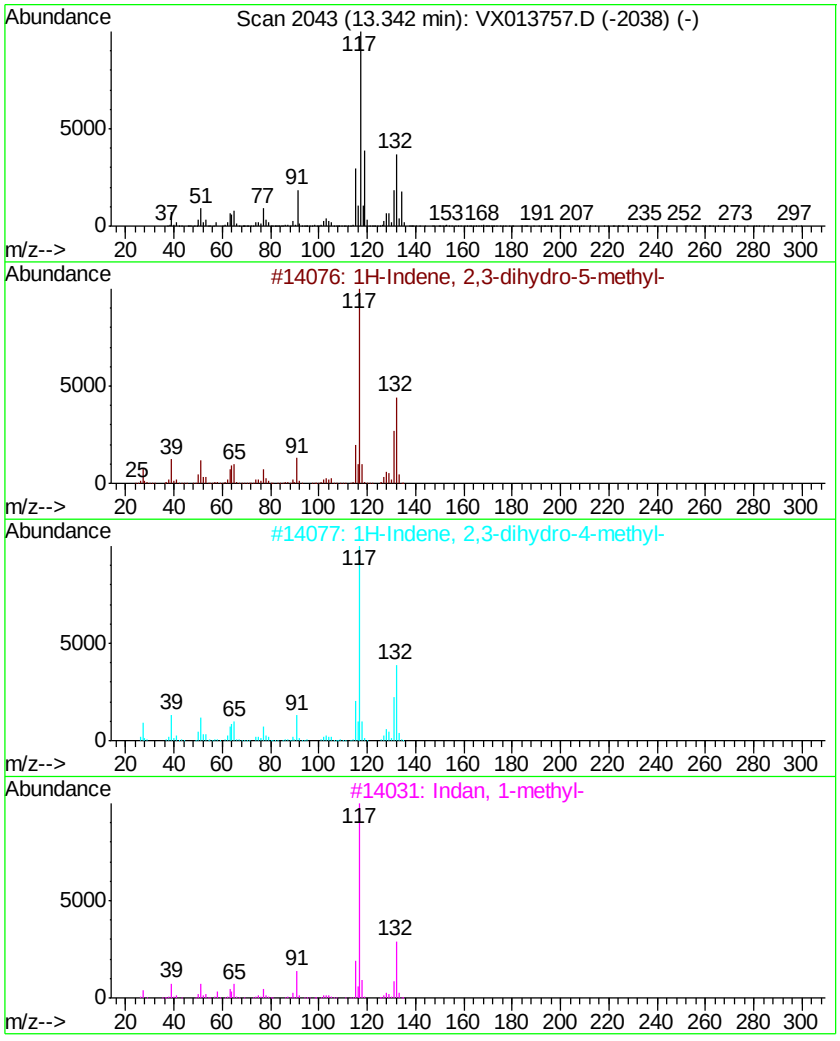
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

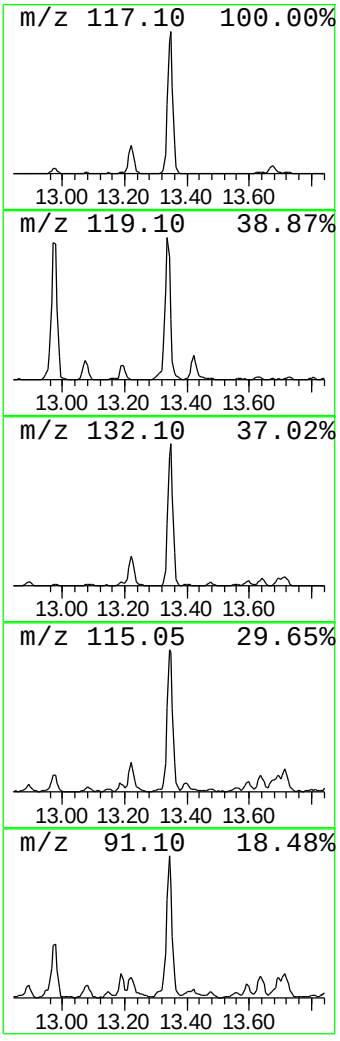
****

Peak Number 4 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	33.87 ug/l	1703090	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	95
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	92
3	Indan, 1-methyl-	132	C10H12	000767-58-8	76
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120419\
Data File : VX013757.D
Acq On : 04 Dec 2019 18:14
Operator : JC/SP
Sample : K6098-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C4-GW

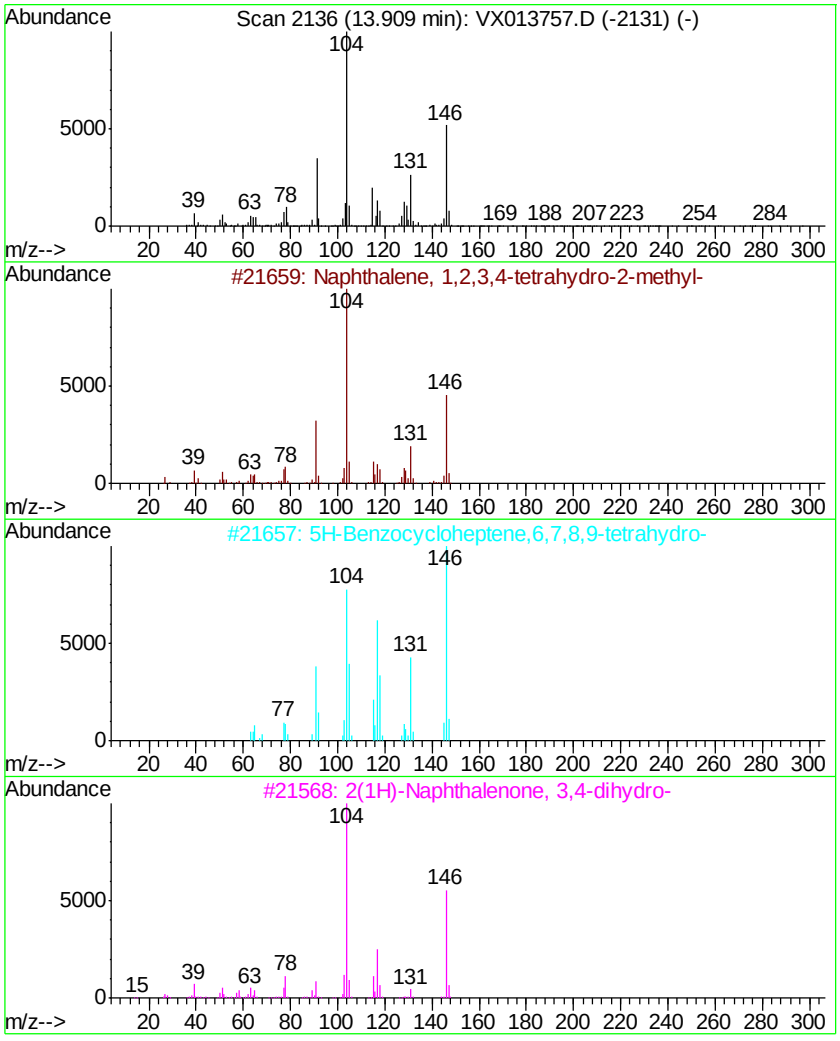
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260

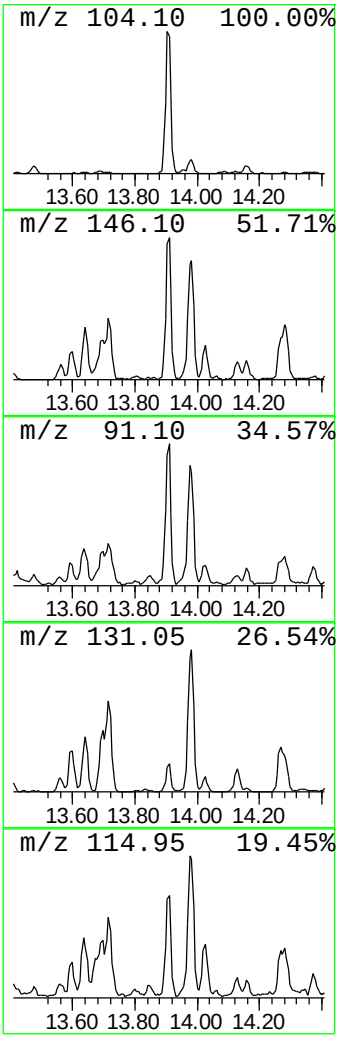
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	10.16 ug/l	510988	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	96
2	5H-Benzocycloheptene,6,7,8,9-tet...	146	C11H14	001075-16-7	86
3	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	62
4	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	62
5	2,6-Piperidinedione, 3-phenyl-	189	C11H11NO2	014149-34-9	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120419\
Data File : VX013757.D
Acq On : 04 Dec 2019 18:14
Operator : JC/SP
Sample : K6098-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C4-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260

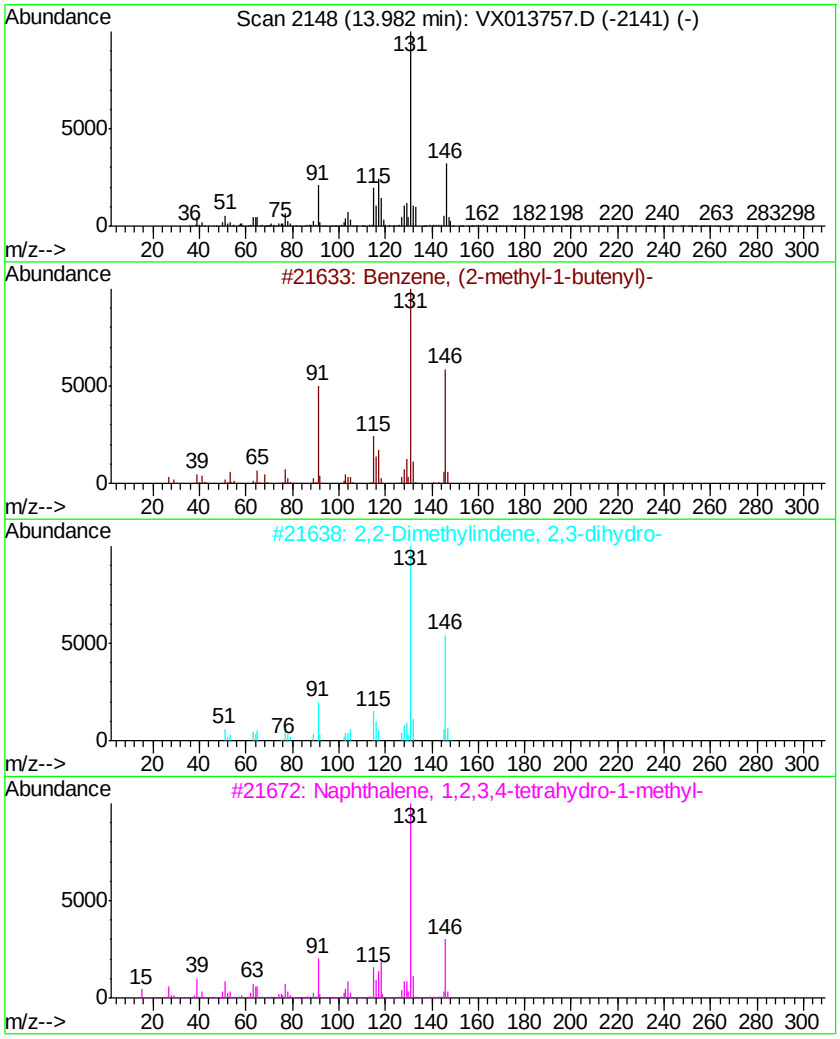
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

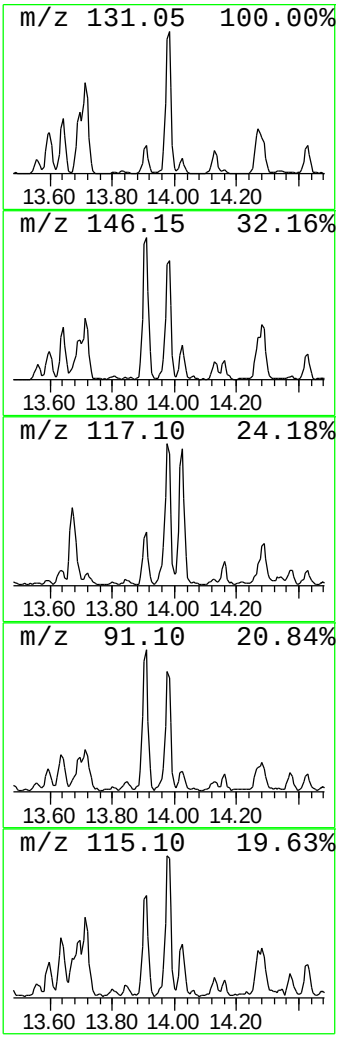
****

Peak Number 6 Benzene, (2-methyl-1-butenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	12.63 ug/l	635320	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	95
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	95
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	94
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120419\
Data File : VX013757.D
Acq On : 04 Dec 2019 18:14
Operator : JC/SP
Sample : K6098-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C4-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260

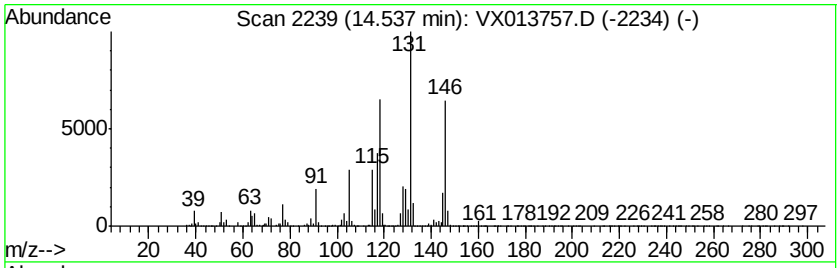
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

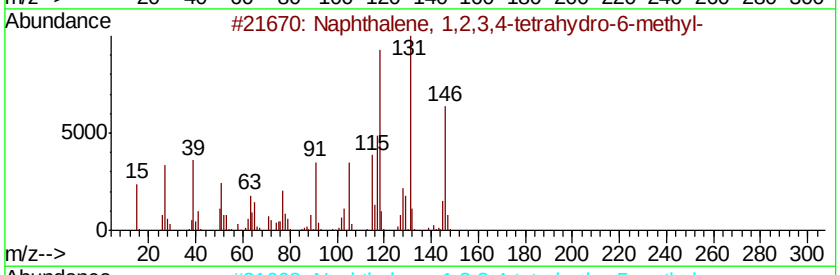
****

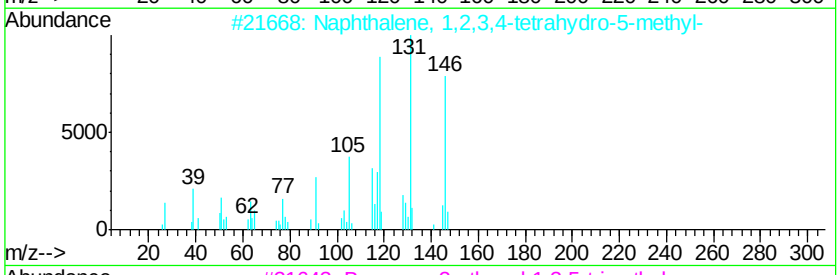
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

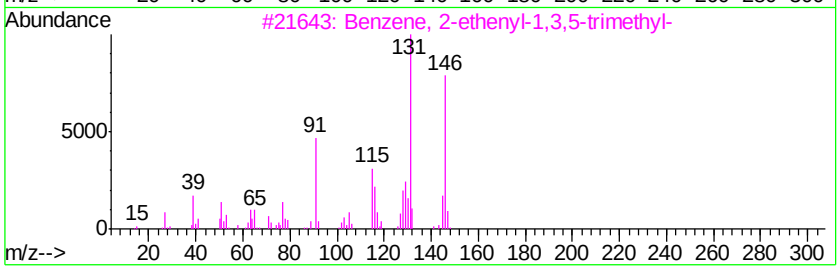
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	12.90 ug/l	648663	1,4-Dichlorobenzene-d4	12.07

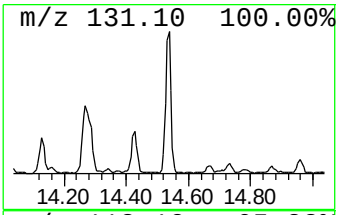
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	86
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	70
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64

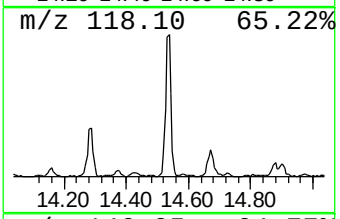


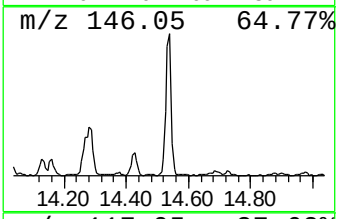


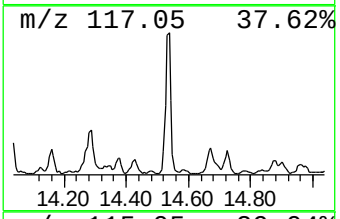


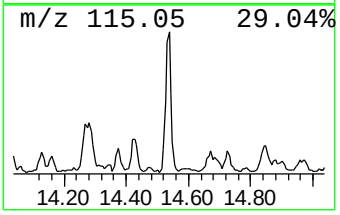












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120419\
Data File : VX013757.D
Acq On : 04 Dec 2019 18:14
Operator : JC/SP
Sample : K6098-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C4-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260

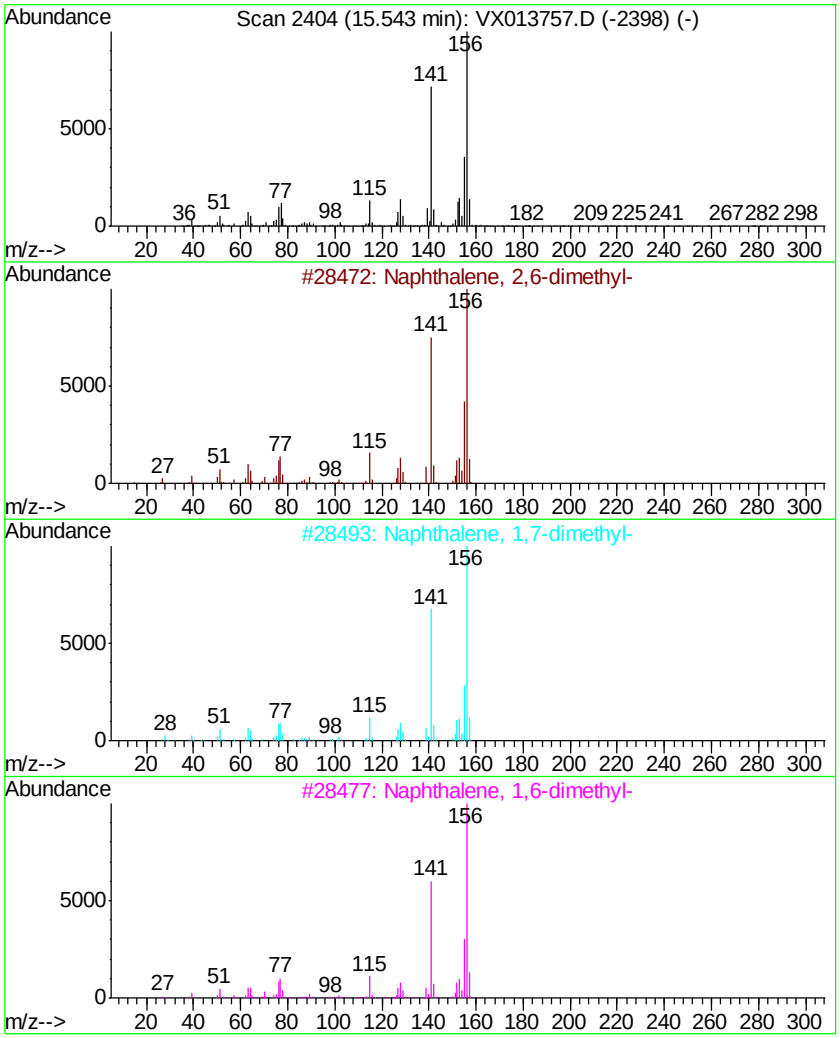
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

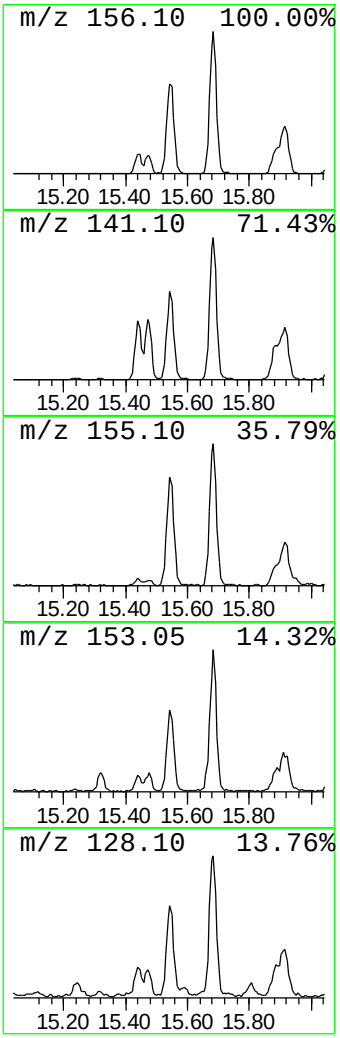
****

Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	14.87 ug/l	747715	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120419\
Data File : VX013757.D
Acq On : 04 Dec 2019 18:14
Operator : JC/SP
Sample : K6098-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C4-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260

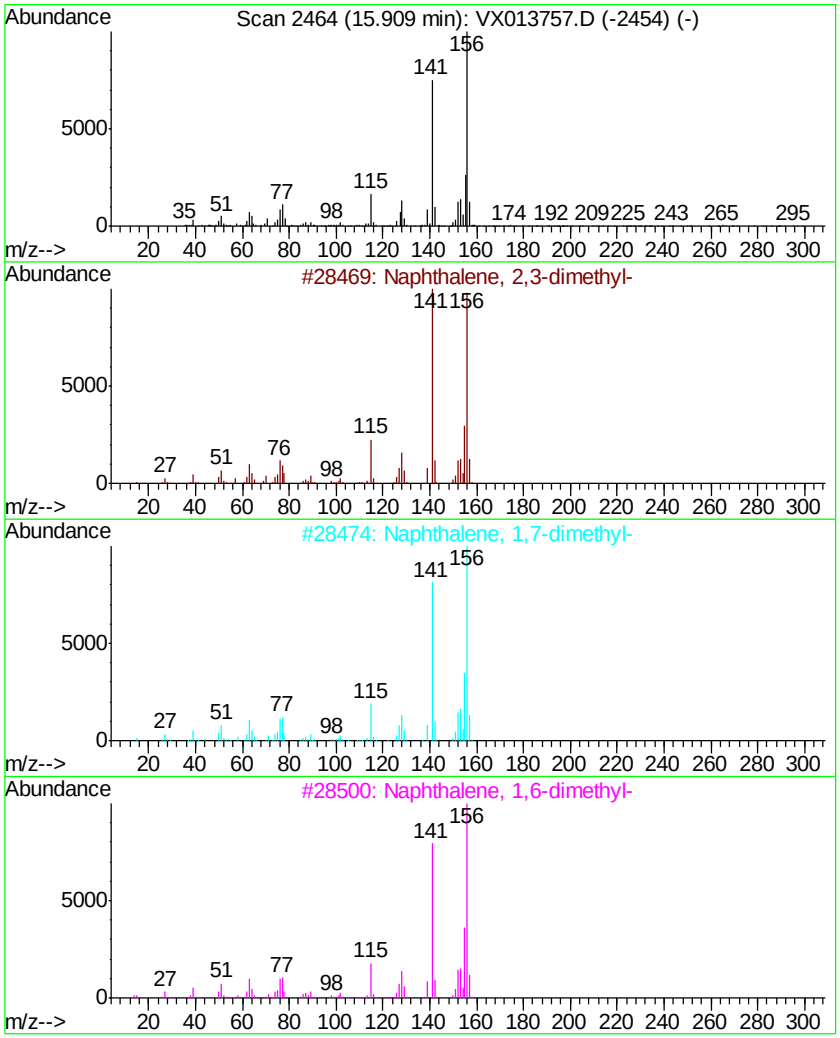
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

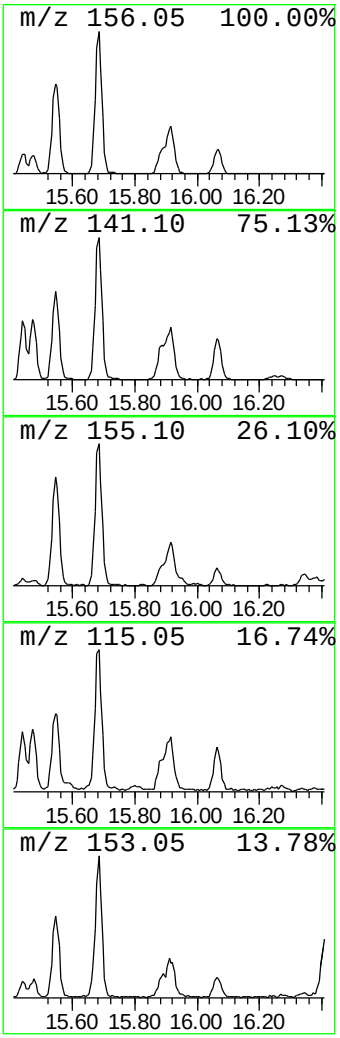
****

Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	12.49 ug/l	627874	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120419\
Data File : VX013757.D
Acq On : 04 Dec 2019 18:14
Operator : JC/SP
Sample : K6098-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C4-GW

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.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
Indan, 1-methyl-	12.75	23.8	ug/l	1195180	4	12.07	2514500	50.0
Benzene, 1,2,3,4-...	12.97	10.7	ug/l	535974	4	12.07	2514500	50.0
1H-Indene, 2,3-di...	13.34	33.9	ug/l	1703090	4	12.07	2514500	50.0
Naphthalene, 1,2,...	13.91	10.2	ug/l	510988	4	12.07	2514500	50.0
Benzene, (2-methy...	13.98	12.6	ug/l	635320	4	12.07	2514500	50.0
Naphthalene, 1,2,...	14.54	12.9	ug/l	648663	4	12.07	2514500	50.0
Naphthalene, 2,6-...	15.54	14.9	ug/l	747715	4	12.07	2514500	50.0
Naphthalene, 2,3-...	15.91	12.5	ug/l	627874	4	12.07	2514500	50.0