LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120419\
Data File : VX013756.D
Acq On : 04 Dec 2019 17:50
Operator : JC/SP
Sample : K6098-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C2-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	42	rBV	3177653	3579634	100.00%	11.502%
2	1.265	59	62	69	rBV	67737	90909	2.54%	0.292%
3	1.594	109	116	120	rVB9	34214	66658	1.86%	0.214%
4	5.490	742	755	768	rBV2	354274	1013623	28.32%	3.257%
5	5.654	771	782	799	rVB	651567	1819344	50.82%	5.846%
6	6.057	833	848	860	rBV	403465	1056836	29.52%	3.396%
7	6.849	966	978	992	rBV	978769	2305153	64.40%	7.407%
8	8.709	1275	1283	1292	rBV	2069982	3168759	88.52%	10.182%
9	10.111	1507	1513	1520	rBV	1968180	2669964	74.59%	8.579%
10	10.641	1594	1600	1607	rVB8	14683	37347	1.04%	0.120%
11	11.013	1655	1661	1667	rBV	56866	76997	2.15%	0.247%
12	11.135	1675	1681	1687	rBV	1646323	2090384	58.40%	6.717%
13	11.763	1775	1784	1788	rBV2	25657	41230	1.15%	0.132%
14	11.940	1810	1813	1819	rVB	71019	92133	2.57%	0.296%
15	12.074	1830	1835	1841	rBV	2067235	2523229	70.49%	8.107%
16	12.233	1854	1861	1867	rVB	23359	37444	1.05%	0.120%
17	12.300	1867	1872	1876	rBV	113964	142638	3.98%	0.458%
18	12.361	1879	1882	1884	rBV4	30579	41279	1.15%	0.133%
19	12.458	1893	1898	1902	rBV	62443	80765	2.26%	0.260%
20	12.665	1924	1932	1934	rBV	110116	142351	3.98%	0.457%
21	12.696	1934	1937	1942	rVV	109225	150660	4.21%	0.484%
22	12.751	1942	1946	1953	rVV2	314969	461516	12.89%	1.483%
23	12.891	1966	1969	1973	rVV	52162	70722	1.98%	0.227%
24	12.976	1974	1983	1988	rVB	211645	323568	9.04%	1.040%
25	13.080	1996	2000	2006	rVB3	56049	82798	2.31%	0.266%
26	13.190	2014	2018	2021	rBV2	102907	132284	3.70%	0.425%
27	13.220	2021	2023	2026	rVB	95895	95627	2.67%	0.307%
28	13.312	2031	2038	2039	rBV3	28313	45238	1.26%	0.145%
29	13.342	2039	2043	2050	rVV2	529279	724999	20.25%	2.329%
30	13.476	2062	2065	2071	rVB5	36748	51832	1.45%	0.167%
31	13.562	2074	2079	2081	rBV	35927	46921	1.31%	0.151%
32	13.592	2081	2084	2088	rVV	99808	140387	3.92%	0.451%
33	13.635	2088	2091	2095	rVV2	186857	253035	7.07%	0.813%
34	13.696	2095	2101	2102	rVV2	116412	205313	5.74%	0.660%

LSC Area Percent Report

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Acq On : 04 Dec 2019 17:50
Operator : JC/SP
Sample : K6098-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C2-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	13.714	2102	2104	2110	rVV2	213014	286029	7.99%	0.919%
36	13.805	2113	2119	2122	rBV	55812	74396	2.08%	0.239%
37	13.848	2122	2126	2130	rBV2	44677	58617	1.64%	0.188%
38	13.909	2131	2136	2140	rVB	369805	459637	12.84%	1.477%
39	13.976	2140	2147	2152	rBV2	349934	519603	14.52%	1.670%
40	14.025	2152	2155	2159	rVV2	88167	109235	3.05%	0.351%
41	14.129	2167	2172	2175	rBV	178537	222670	6.22%	0.715%
42	14.269	2189	2195	2204	rBV2	256914	476510	13.31%	1.531%
43	14.372	2208	2212	2217	rVV	227045	297545	8.31%	0.956%
44	14.427	2217	2221	2226	rVV	249696	324712	9.07%	1.043%
45	14.476	2226	2229	2234	rVB2	55459	72481	2.02%	0.233%
46	14.537	2234	2239	2244	rBV2	398779	557738	15.58%	1.792%
47	14.580	2244	2246	2251	rVB3	28530	38092	1.06%	0.122%
48	14.671	2257	2261	2267	rBV2	197488	369712	10.33%	1.188%
49	14.726	2267	2270	2274	rVB2	152354	186540	5.21%	0.599%
50	14.781	2275	2279	2285	rVB4	67302	87787	2.45%	0.282%
51	14.848	2285	2290	2292	rBV	76203	119930	3.35%	0.385%
52	14.872	2292	2294	2297	rVV2	94411	125486	3.51%	0.403%
53	14.903	2297	2299	2304	rVB2	106947	115215	3.22%	0.370%
54	14.970	2304	2310	2315	rBV4	67455	141411	3.95%	0.454%
55	15.104	2327	2332	2337	rVB3	37868	63563	1.78%	0.204%
56	15.244	2348	2355	2362	rBV	215817	377081	10.53%	1.212%
57	15.317	2362	2367	2374	rVB3	71396	129212	3.61%	0.415%
58	15.439	2383	2387	2390	rBV2	59819	99789	2.79%	0.321%
59	15.470	2390	2392	2396	rVV	87059	103615	2.89%	0.333%
60	15.543	2396	2404	2409	rVV	207881	339698	9.49%	1.091%
61	15.592	2409	2412	2417	rVV4	48639	79088	2.21%	0.254%
62	15.677	2417	2426	2431	rVV	205599	351738	9.83%	1.130%
63	15.805	2441	2447	2454	rBV5	31740	90421	2.53%	0.291%
64	15.884	2454	2460	2462	rVV3	92070	171740	4.80%	0.552%
65	15.915	2462	2465	2474	rVB2	159591	276715	7.73%	0.889%
66	16.061	2484	2489	2494	rBV	115478	193483	5.41%	0.622%
67	16.409	2538	2546	2555	rVB3	74996	181883	5.08%	0.584%
68	16.616	2575	2580	2587	rBV8	17012	46126	1.29%	0.148%
69	16.689	2587	2592	2597	rVV4	30682	60877	1.70%	0.196%
70	16.750	2597	2602	2607	rVB4	25694	52714	1.47%	0.169%

LSC Area Percent Report

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Data File : VX013756.D
Acq On : 04 Dec 2019 17:50
Operator : JC/SP
Sample : K6098-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C2-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

Sum of corrected areas: 31122666

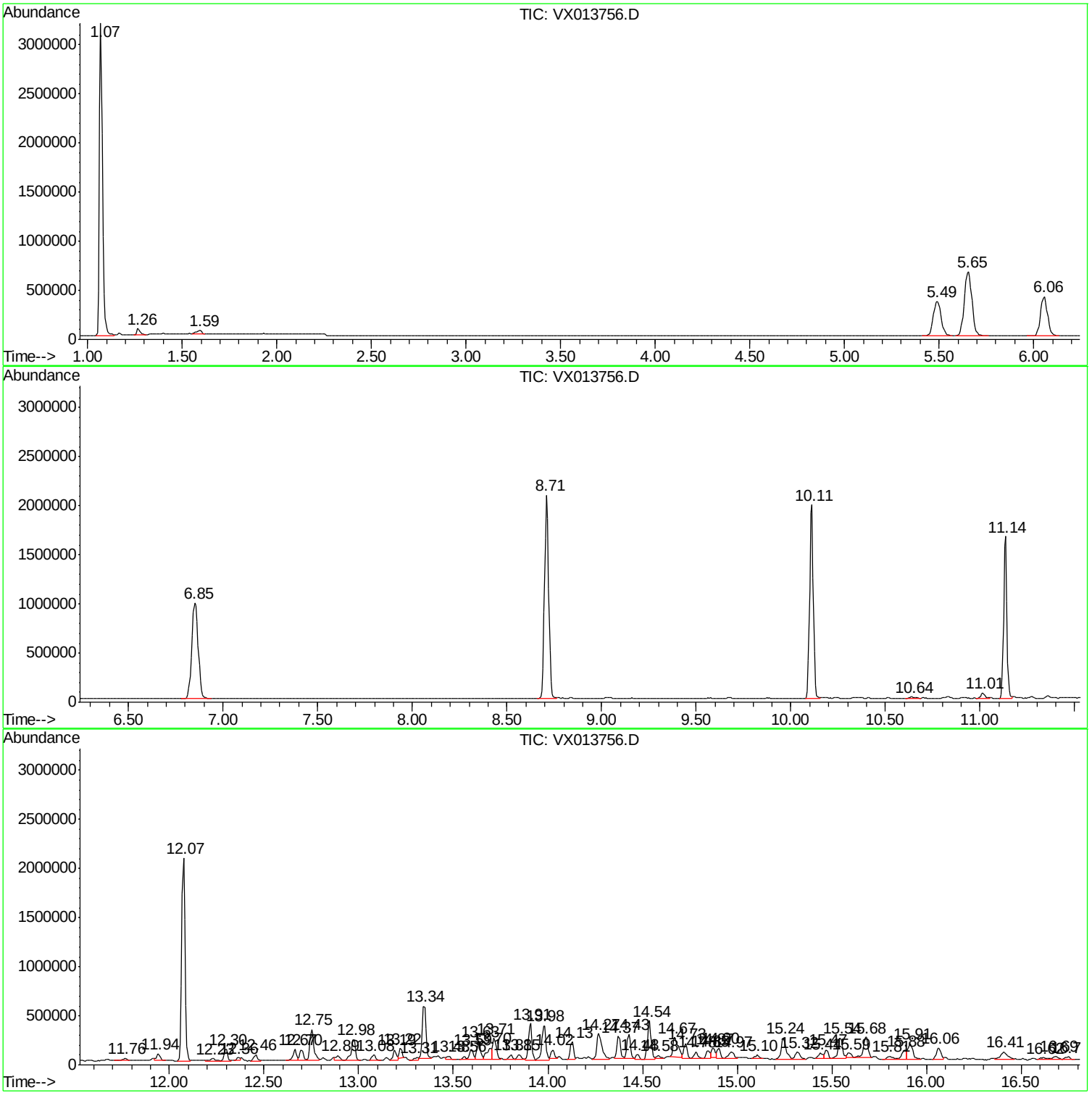
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120419\
Data File : VX013756.D
Acq On : 04 Dec 2019 17:50
Operator : JC/SP
Sample : K6098-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C2-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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120419\
Data File : VX013756.D
Acq On : 04 Dec 2019 17:50
Operator : JC/SP
Sample : K6098-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C2-GW

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

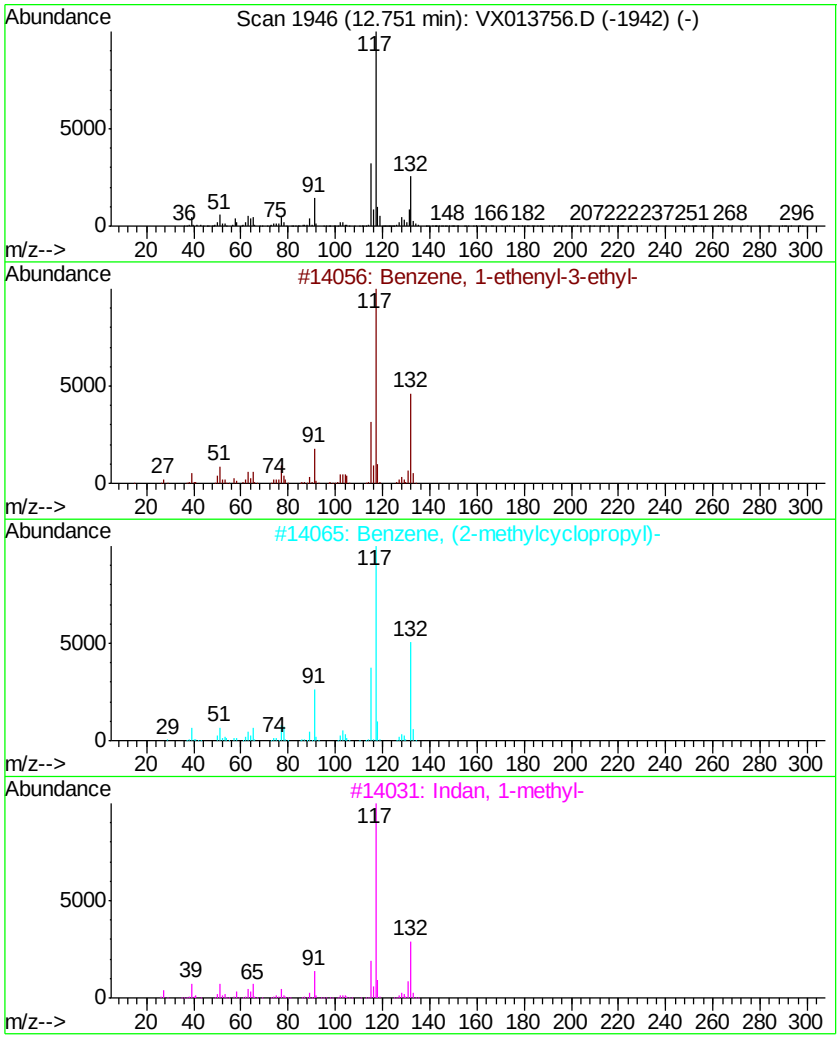
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

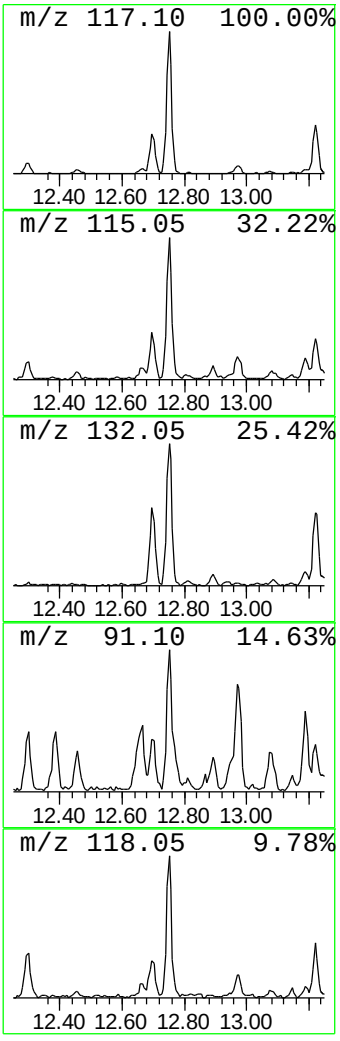
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	9.15 ug/l	461516	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	83
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120419\
Data File : VX013756.D
Acq On : 04 Dec 2019 17:50
Operator : JC/SP
Sample : K6098-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C2-GW

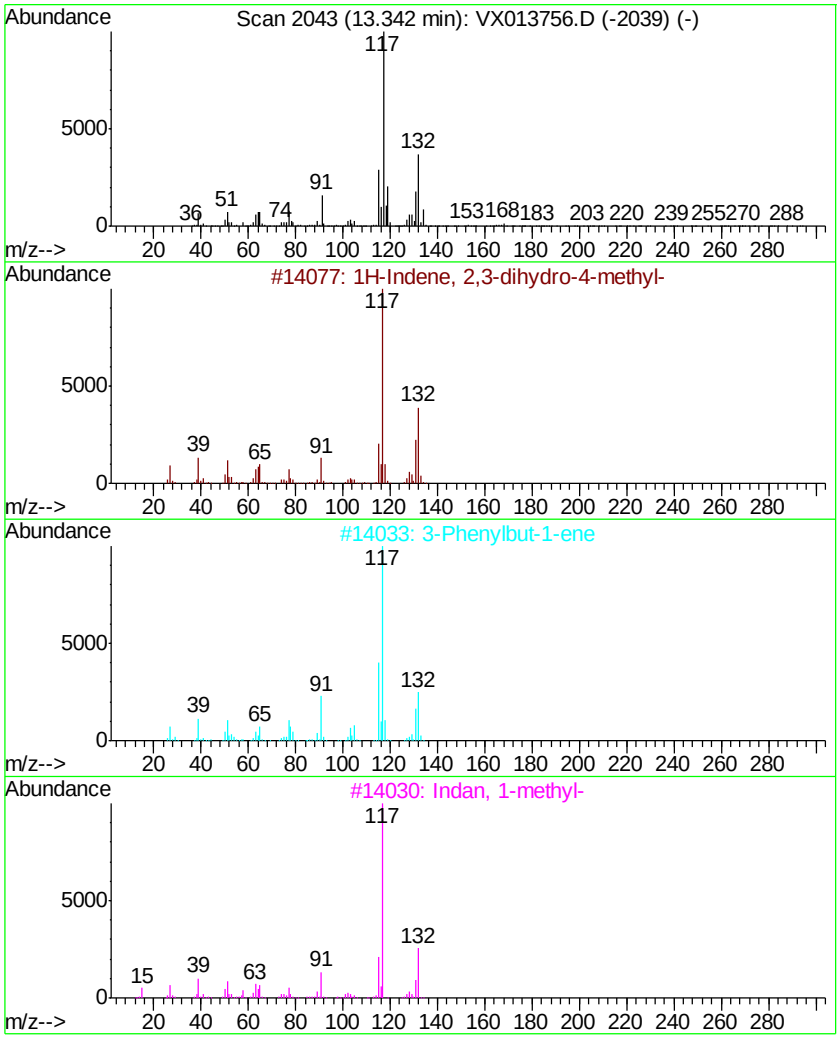
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260

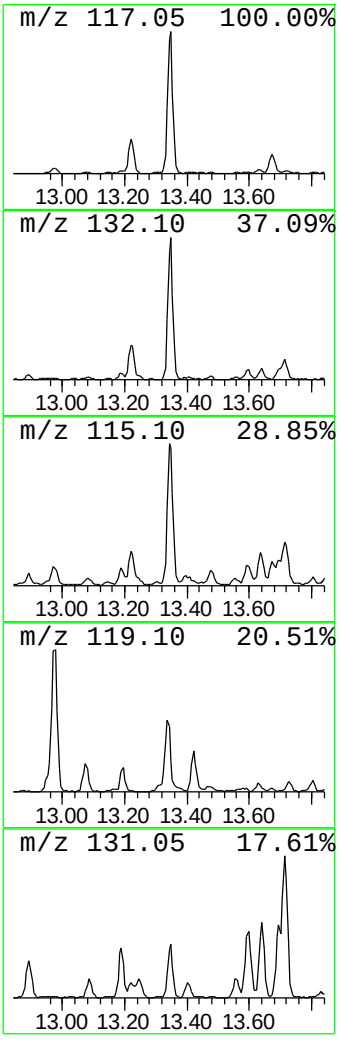
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	14.37 ug/l	724999	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
3	Indan, 1-methyl-	132	C10H12	000767-58-8	76
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	74
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120419\
Data File : VX013756.D
Acq On : 04 Dec 2019 17:50
Operator : JC/SP
Sample : K6098-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C2-GW

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

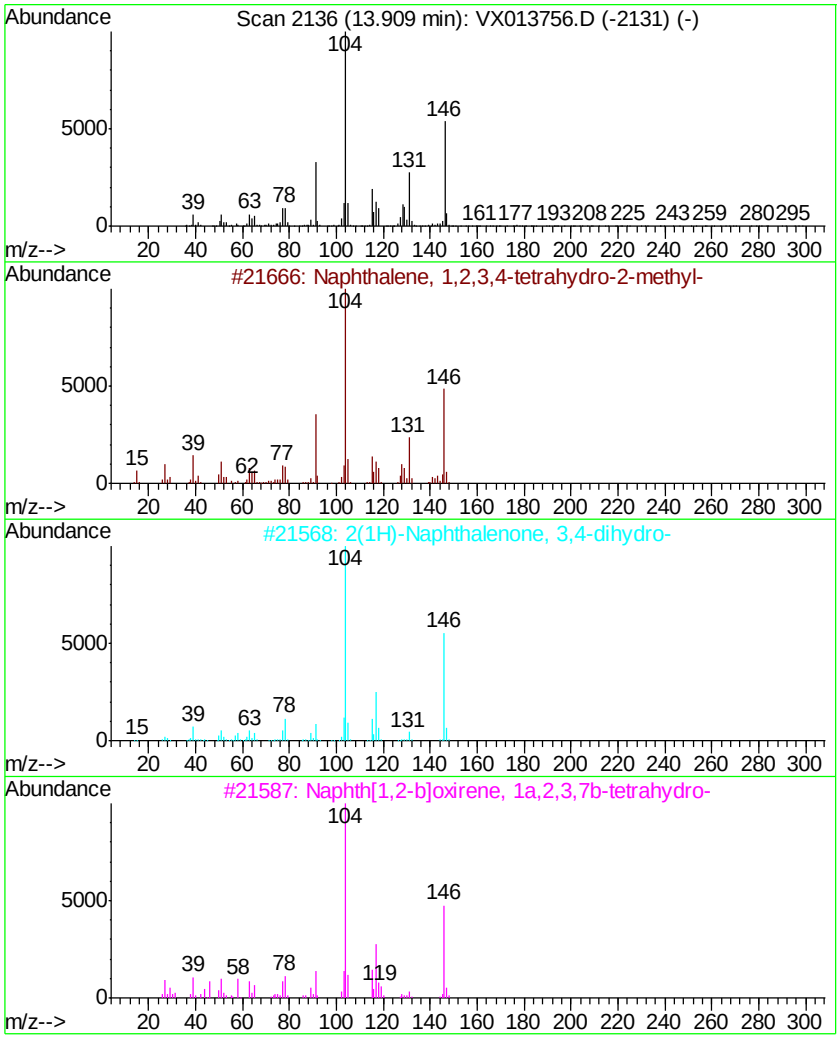
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

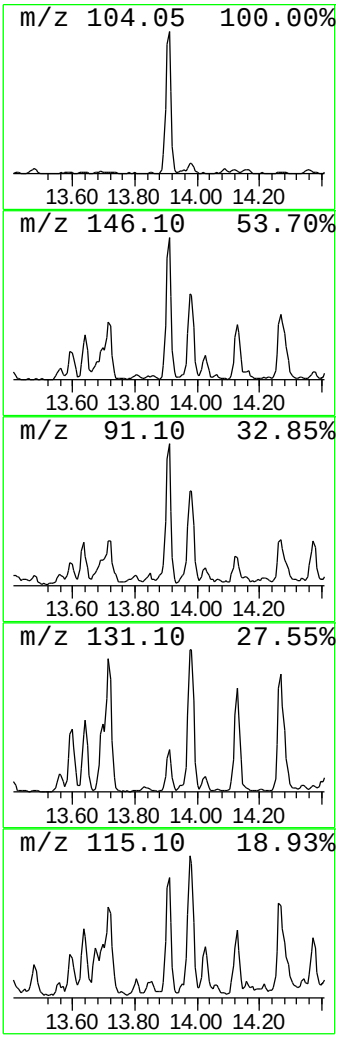
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	9.11 ug/l	459637	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	94
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	64
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	62
4	5H-Benzocycloheptene,6,7,8,9-tet...	146	C11H14	001075-16-7	59
5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120419\
Data File : VX013756.D
Acq On : 04 Dec 2019 17:50
Operator : JC/SP
Sample : K6098-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C2-GW

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

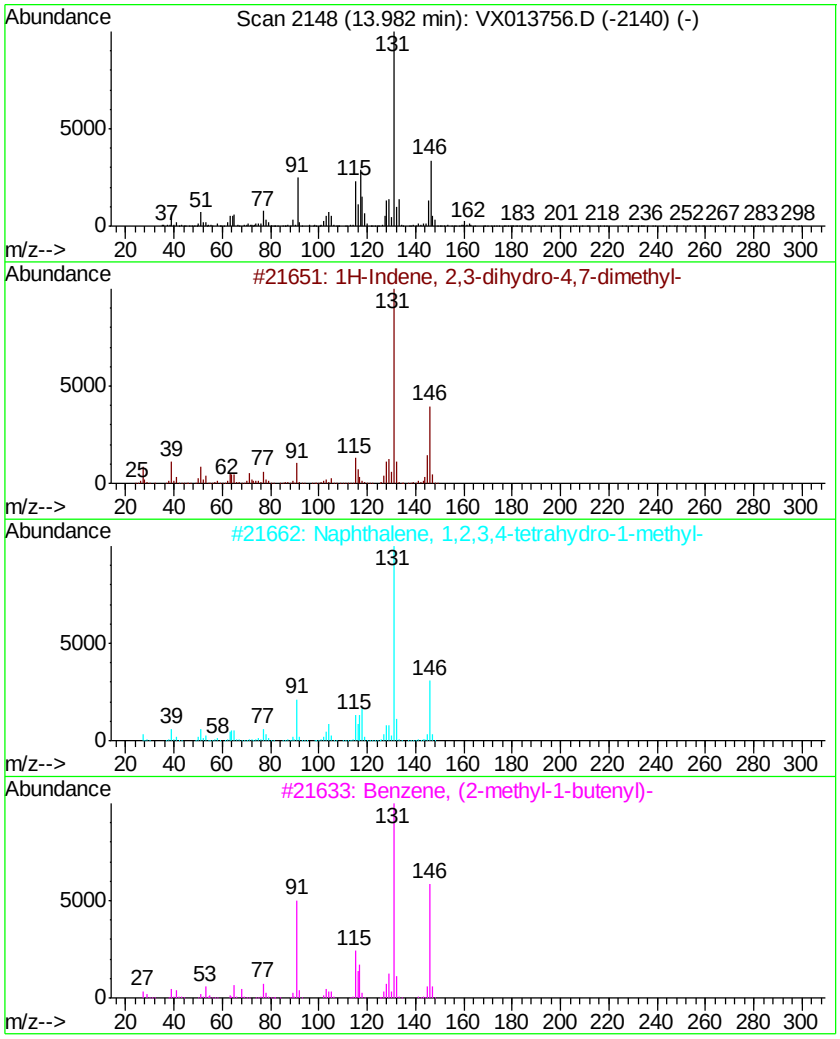
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

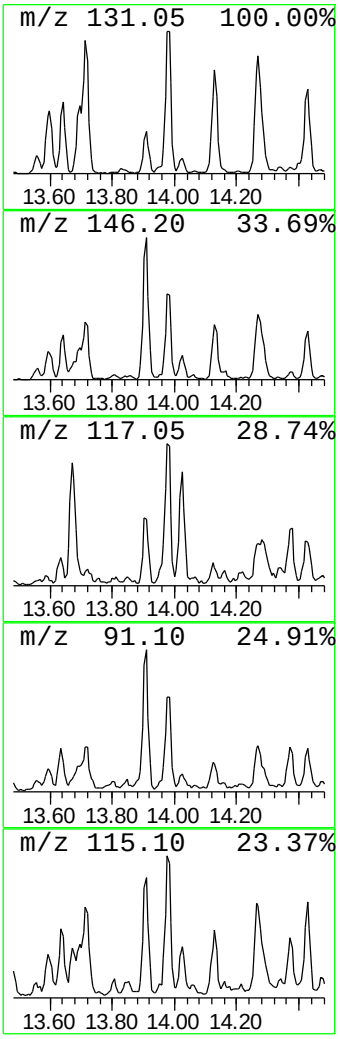
****

Peak Number 5 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	10.30 ug/l	519603	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	93
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	93
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	90
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120419\
Data File : VX013756.D
Acq On : 04 Dec 2019 17:50
Operator : JC/SP
Sample : K6098-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C2-GW

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

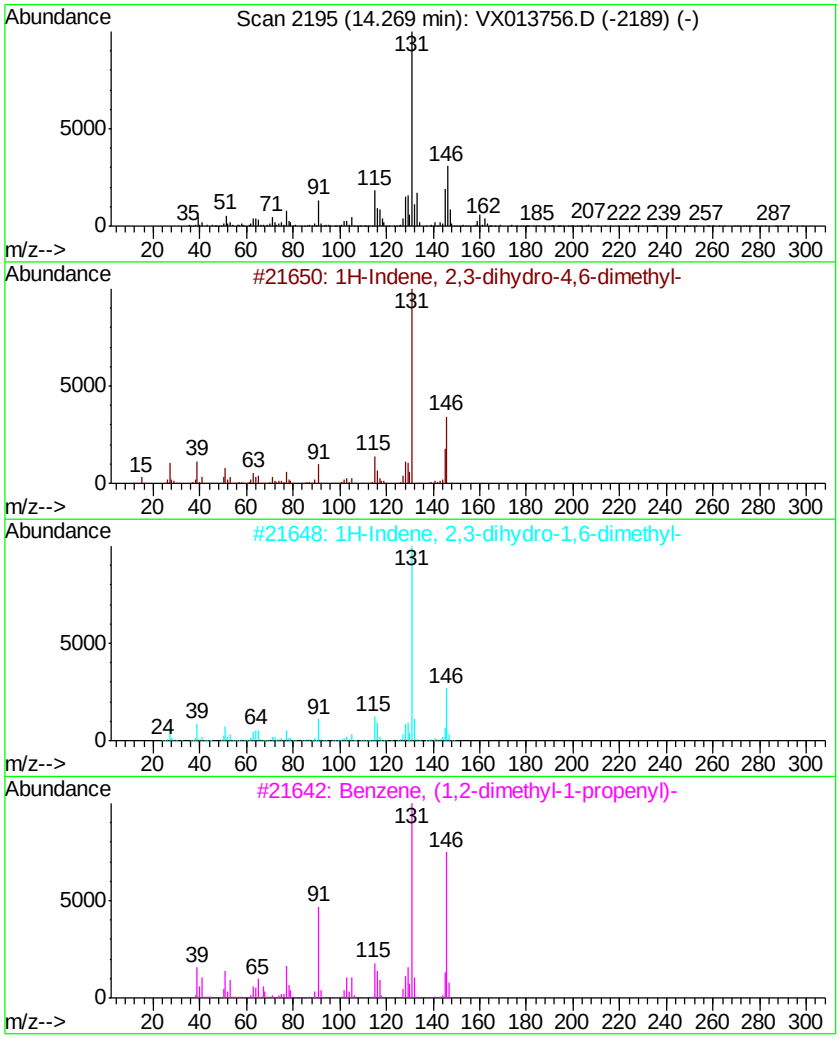
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

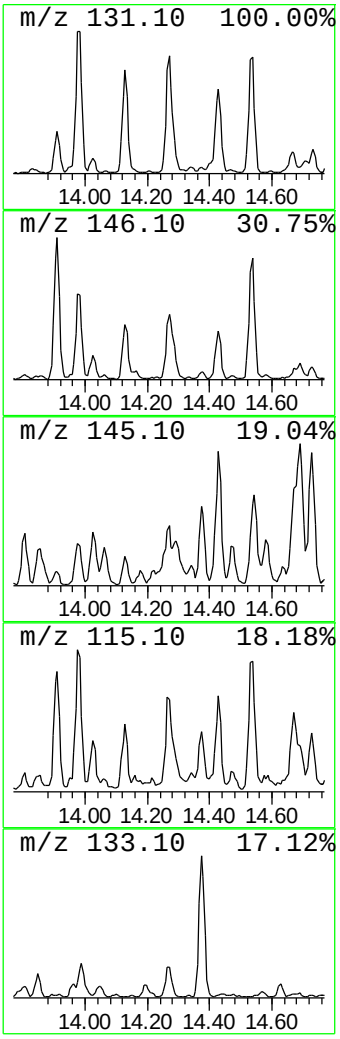
****

Peak Number 6 1H-Indene, 2,3-dihydro-4,6-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	9.44 ug/l	476510	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	81
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120419\
Data File : VX013756.D
Acq On : 04 Dec 2019 17:50
Operator : JC/SP
Sample : K6098-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C2-GW

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

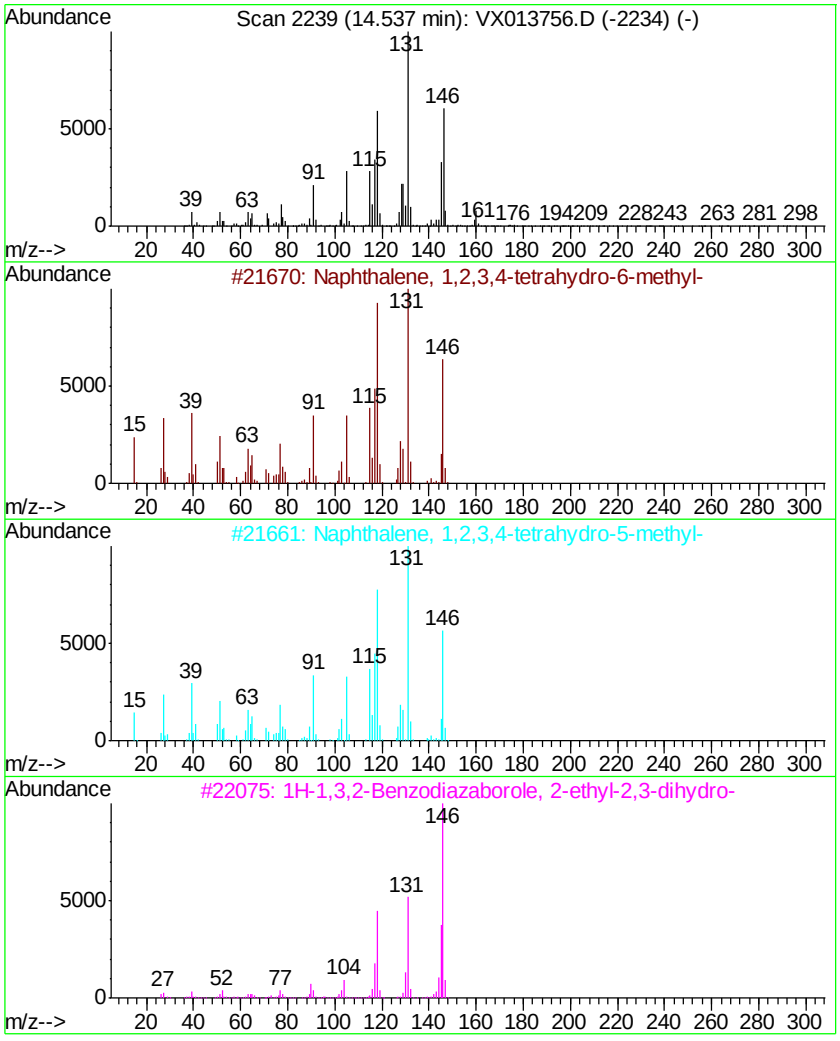
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

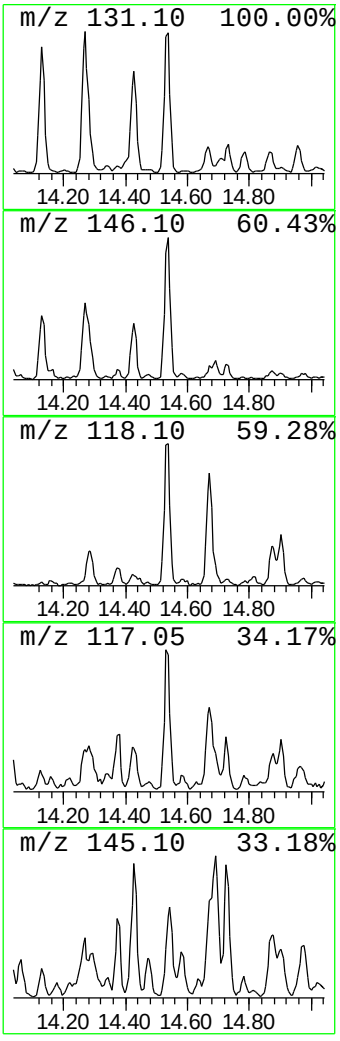
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	11.05 ug/l	557738	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	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	90
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	83
5	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	60





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Data File : VX013756.D
Acq On : 04 Dec 2019 17:50
Operator : JC/SP
Sample : K6098-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C2-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

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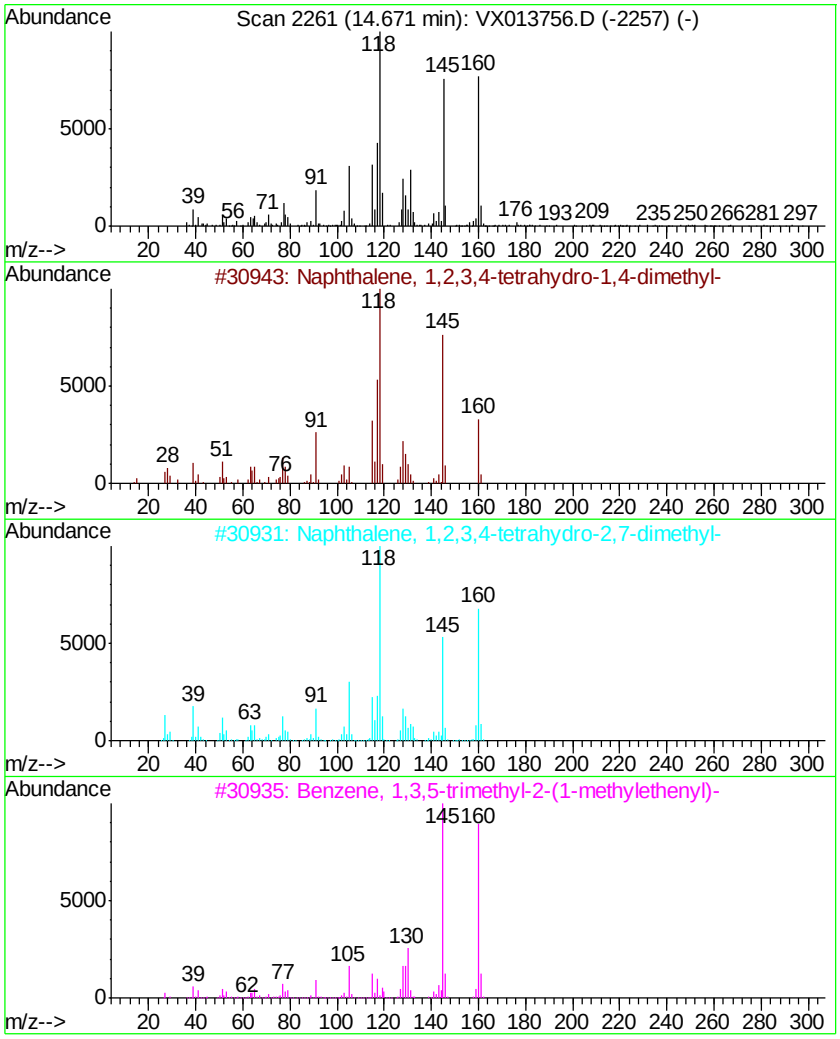
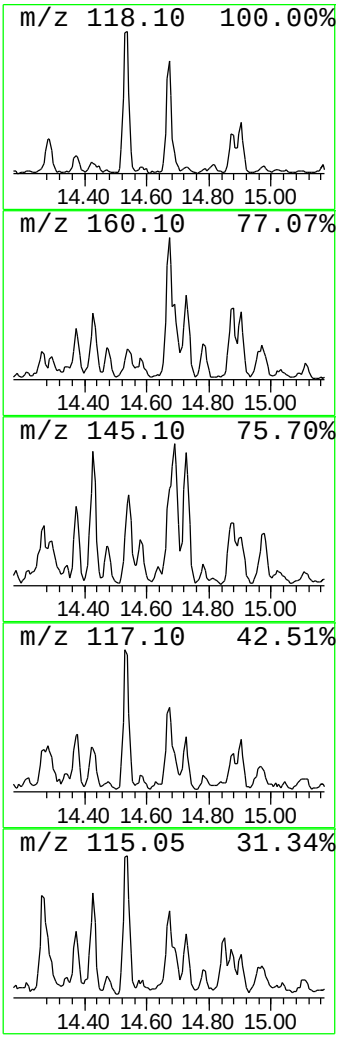
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	7.33 ug/l	369712	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	91
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	83
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	70
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120419\
Data File : VX013756.D
Acq On : 04 Dec 2019 17:50
Operator : JC/SP
Sample : K6098-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C2-GW

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

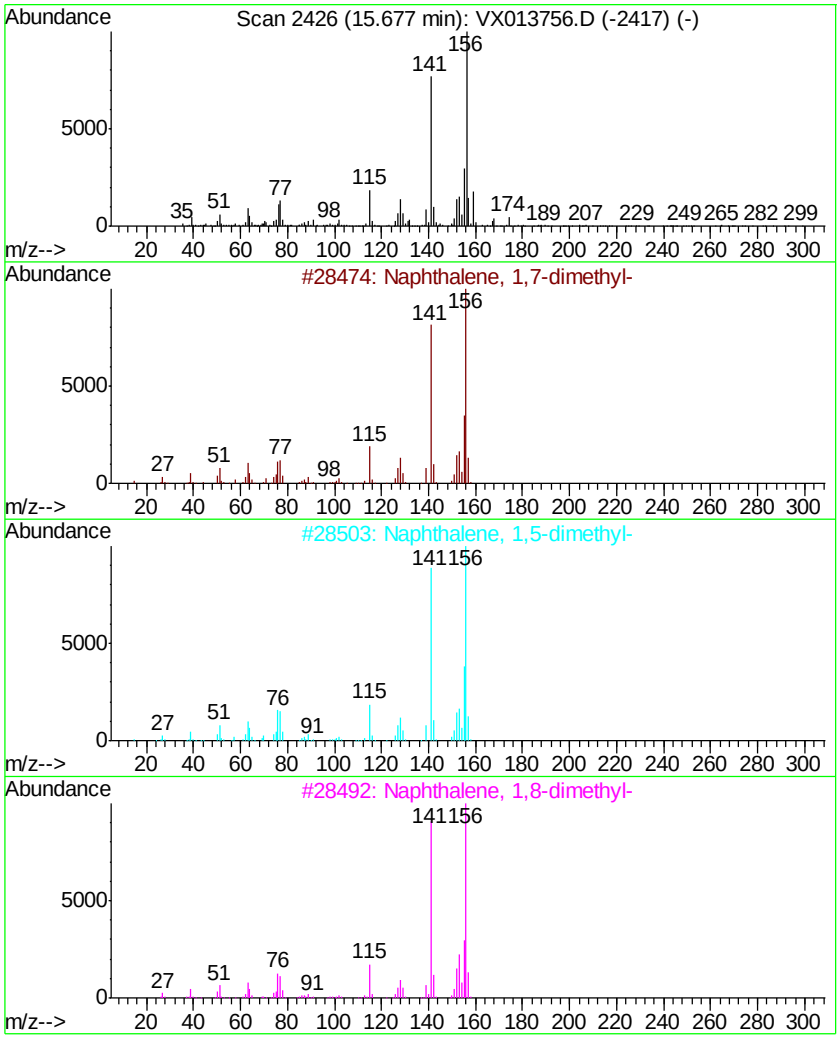
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

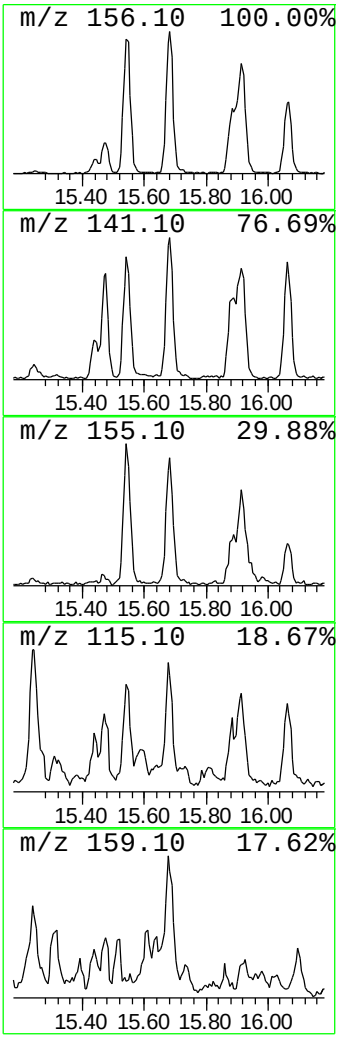
****

Peak Number 10 Naphthalene, 1,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	6.97 ug/l	351738	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	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
3	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120419\
Data File : VX013756.D
Acq On : 04 Dec 2019 17:50
Operator : JC/SP
Sample : K6098-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OWL-C2-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
Benzene, 1-etheny...	12.75	9.2	ug/l	461516	4	12.07	2523230	50.0
1H-Indene, 2,3-di...	13.34	14.4	ug/l	724999	4	12.07	2523230	50.0
Naphthalene, 1,2,...	13.91	9.1	ug/l	459637	4	12.07	2523230	50.0
1H-Indene, 2,3-di...	13.98	10.3	ug/l	519603	4	12.07	2523230	50.0
1H-Indene, 2,3-di...	14.27	9.4	ug/l	476510	4	12.07	2523230	50.0
Naphthalene, 1,2,...	14.54	11.1	ug/l	557738	4	12.07	2523230	50.0
Naphthalene, 1,2,...	14.67	7.3	ug/l	369712	4	12.07	2523230	50.0
Naphthalene, 1,7-...	15.68	7.0	ug/l	351738	4	12.07	2523230	50.0