LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
Data File : VV007526.D
Acq On : 13 Sep 2018 22:52
Operator : SY/MD
Sample : J4864-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D11

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_V\METHOD\SOMVTR091318WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.309	59	68	80	rVB3	71341	90479	3.55%	0.673%
2	1.576	145	151	165	rVB	44032	52746	2.07%	0.392%
3	2.132	315	324	338	rVB3	115469	179804	7.05%	1.338%
4	2.544	443	452	462	rVB	41833	65492	2.57%	0.487%
5	3.962	879	893	906	rBV	114507	281070	11.02%	2.092%
6	4.402	1014	1030	1049	rBV	64100	151254	5.93%	1.126%
7	4.656	1093	1109	1127	rBV	62713	151634	5.94%	1.128%
8	5.097	1230	1246	1273	rBV2	157299	349817	13.71%	2.603%
9	5.672	1410	1425	1447	rBV	153808	318999	12.51%	2.374%
10	5.981	1505	1521	1549	rBV	1348386	2550961	100.00%	18.982%
11	6.141	1558	1571	1585	rBV	80763	161405	6.33%	1.201%
12	7.045	1841	1852	1867	rBV	47295	83926	3.29%	0.625%
13	7.373	1943	1954	1967	rVV	192351	327854	12.85%	2.440%
14	7.678	2036	2049	2071	rBV2	28442	64411	2.52%	0.479%
15	8.151	2183	2196	2229	rBV	173820	345696	13.55%	2.572%
16	8.903	2417	2430	2447	rBV	221093	364376	14.28%	2.711%
17	9.064	2467	2480	2492	rBV	25595	42913	1.68%	0.319%
18	9.186	2502	2518	2533	rBV	101317	165095	6.47%	1.229%
19	9.595	2635	2645	2656	rVB	37648	57633	2.26%	0.429%
20	10.270	2836	2855	2873	rVB	65605	114553	4.49%	0.852%
21	11.299	3164	3175	3197	rVB2	271559	448809	17.59%	3.340%
22	11.582	3252	3263	3278	rBV3	38406	75723	2.97%	0.563%
23	11.678	3280	3293	3308	rVB	206170	337385	13.23%	2.511%
24	11.794	3320	3329	3341	rBV2	27784	44138	1.73%	0.328%
25	12.167	3433	3445	3454	rBV2	30394	56935	2.23%	0.424%
26	12.350	3495	3502	3509	rVB2	23807	34443	1.35%	0.256%
27	12.463	3531	3537	3549	rVB	71571	110338	4.33%	0.821%
28	12.601	3568	3580	3592	rVB	37911	58133	2.28%	0.433%
29	12.739	3598	3623	3632	rBV3	65343	151380	5.93%	1.126%
30	12.810	3639	3645	3653	rVB	27378	38134	1.49%	0.284%
31	13.009	3699	3707	3715	rVB3	22150	35110	1.38%	0.261%
32	13.087	3715	3731	3736	rBV5	16794	46413	1.82%	0.345%
33	13.228	3764	3775	3779	rBV7	19656	39575	1.55%	0.294%
34	13.267	3781	3787	3795	rVB2	44464	66305	2.60%	0.493%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
Data File : VV007526.D
Acq On : 13 Sep 2018 22:52
Operator : SY/MD
Sample : J4864-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D11

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_V\METHOD\SOMVTR091318WMA.M
Title : TRACE VOA SOM01.0

35	13.321	3795	3804	3811	rBV	87103	127885	5.01%	0.952%
36	13.363	3811	3817	3819	rBV2	40203	44617	1.75%	0.332%
37	13.389	3820	3825	3834	rVB	77000	107755	4.22%	0.802%
38	13.550	3860	3875	3883	rBV6	39783	95180	3.73%	0.708%
39	13.595	3883	3889	3894	rBV3	19995	26809	1.05%	0.199%
40	13.665	3901	3911	3924	rVB	235953	371192	14.55%	2.762%
41	13.759	3924	3940	3953	rBV2	248365	441373	17.30%	3.284%
42	13.829	3954	3962	3970	rVB2	35261	57554	2.26%	0.428%
43	13.961	3993	4003	4017	rVB3	41199	84983	3.33%	0.632%
44	14.067	4028	4036	4041	rBV6	22143	38852	1.52%	0.289%
45	14.141	4050	4059	4073	rBV3	156458	342851	13.44%	2.551%
46	14.283	4088	4103	4112	rBV3	125686	216544	8.49%	1.611%
47	14.347	4114	4123	4136	rVB5	127325	257309	10.09%	1.915%
48	14.414	4136	4144	4158	rVB4	56259	96659	3.79%	0.719%
49	14.501	4158	4171	4181	rBV3	104422	212410	8.33%	1.581%
50	14.553	4182	4187	4193	rVB2	22396	27696	1.09%	0.206%
51	14.627	4203	4210	4215	rBV5	30890	45920	1.80%	0.342%
52	14.668	4215	4223	4237	rVV3	179639	406124	15.92%	3.022%
53	14.742	4238	4246	4259	rVB2	153761	289222	11.34%	2.152%
54	14.820	4260	4270	4276	rBV3	56128	91987	3.61%	0.684%
55	14.877	4278	4288	4297	rVV5	58195	129366	5.07%	0.963%
56	14.932	4298	4305	4311	rVV2	78407	135069	5.29%	1.005%
57	14.967	4312	4316	4331	rVB2	84841	141603	5.55%	1.054%
58	15.058	4333	4344	4355	rVV6	49758	107376	4.21%	0.799%
59	15.231	4384	4398	4407	rBV6	35938	88208	3.46%	0.656%
60	15.395	4433	4449	4464	rVB3	158441	397155	15.57%	2.955%
61	15.479	4465	4475	4490	rBV4	73532	145722	5.71%	1.084%
62	15.643	4510	4526	4536	rBV2	104237	233008	9.13%	1.734%
63	15.730	4547	4553	4560	rBV5	41425	60047	2.35%	0.447%
64	15.871	4589	4597	4604	rBV5	55538	91741	3.60%	0.683%
65	15.980	4624	4631	4643	rBV5	23936	48512	1.90%	0.361%
66	16.064	4650	4657	4663	rBV2	75152	112873	4.42%	0.840%
67	16.102	4663	4669	4683	rVB4	90280	158590	6.22%	1.180%
68	16.241	4705	4712	4719	rVV2	42630	56873	2.23%	0.423%
69	16.289	4720	4727	4735	rVB4	31922	50548	1.98%	0.376%
70	16.408	4757	4764	4778	rVB5	36109	70781	2.77%	0.527%
71	16.498	4785	4792	4795	rBV2	35048	45571	1.79%	0.339%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
Data File : VV007526.D
Acq On : 13 Sep 2018 22:52
Operator : SY/MD
Sample : J4864-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D11

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_V\METHOD\SOMVTR091318WMA.M
Title : TRACE VOA SOM01.0

72	16.530	4797	4802	4815	rVB5	62228	107441	4.21%	0.799%
73	16.601	4817	4824	4830	rBV2	31215	45679	1.79%	0.340%
74	16.971	4932	4939	4950	rVB	134452	200340	7.85%	1.491%
75	17.135	4983	4990	4996	rBV	31310	51969	2.04%	0.387%
76	17.311	5039	5045	5056	rVB5	30460	49671	1.95%	0.370%
77	17.385	5059	5068	5078	rBV3	33848	64576	2.53%	0.481%

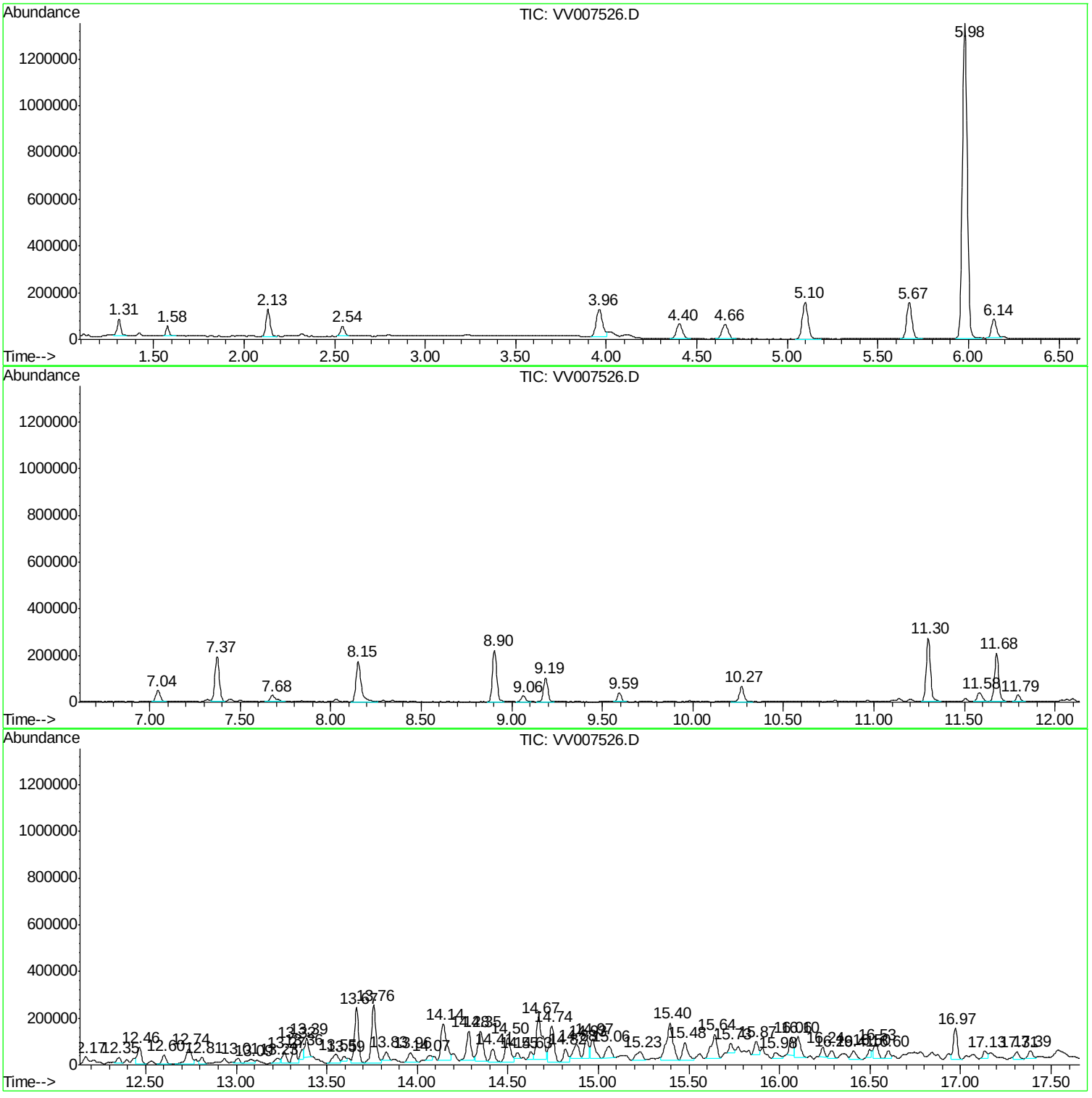
Sum of corrected areas: 13438580

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
Data File : VV007526.D
Acq On : 13 Sep 2018 22:52
Operator : SY/MD
Sample : J4864-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
Data File : VV007526.D
Acq On : 13 Sep 2018 22:52
Operator : SY/MD
Sample : J4864-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

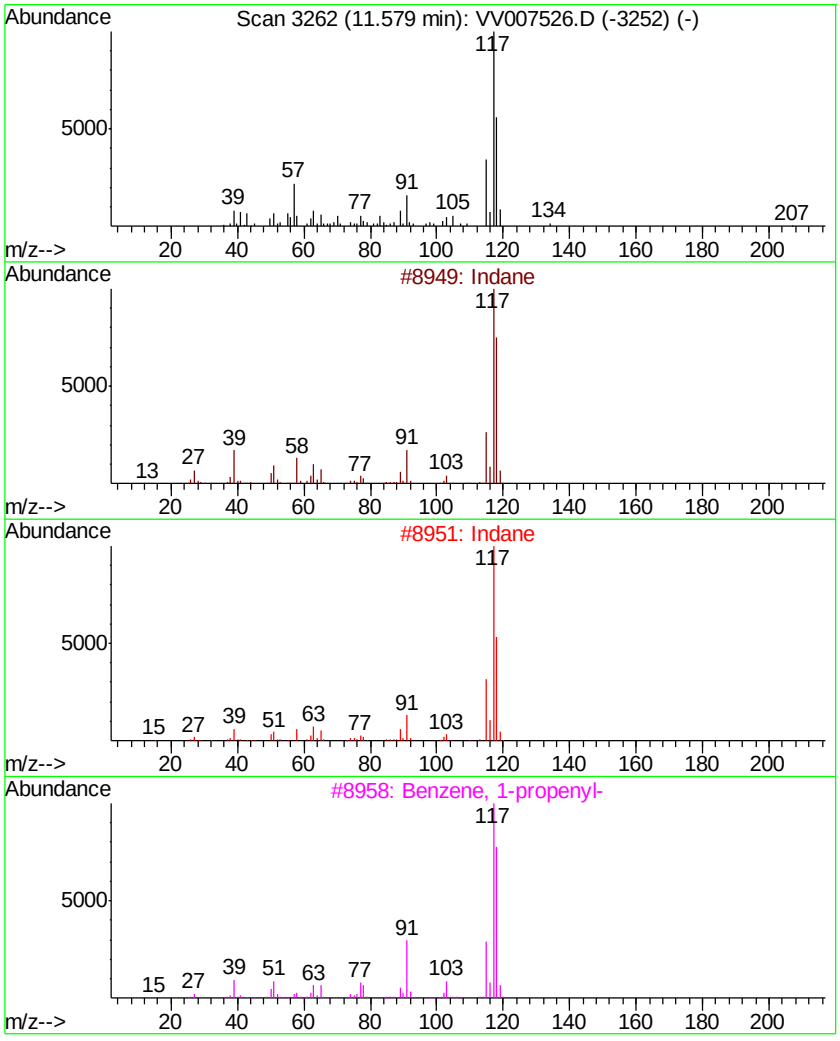
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

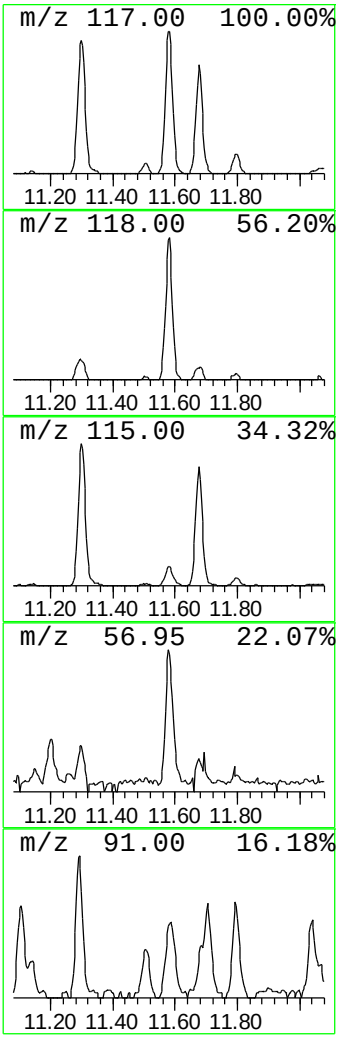
****

Peak Number 2 Indane Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	0.84 ug/L	75723	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Indane	118	C9H10	000496-11-7	81
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	81
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
Data File : VV007526.D
Acq On : 13 Sep 2018 22:52
Operator : SY/MD
Sample : J4864-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

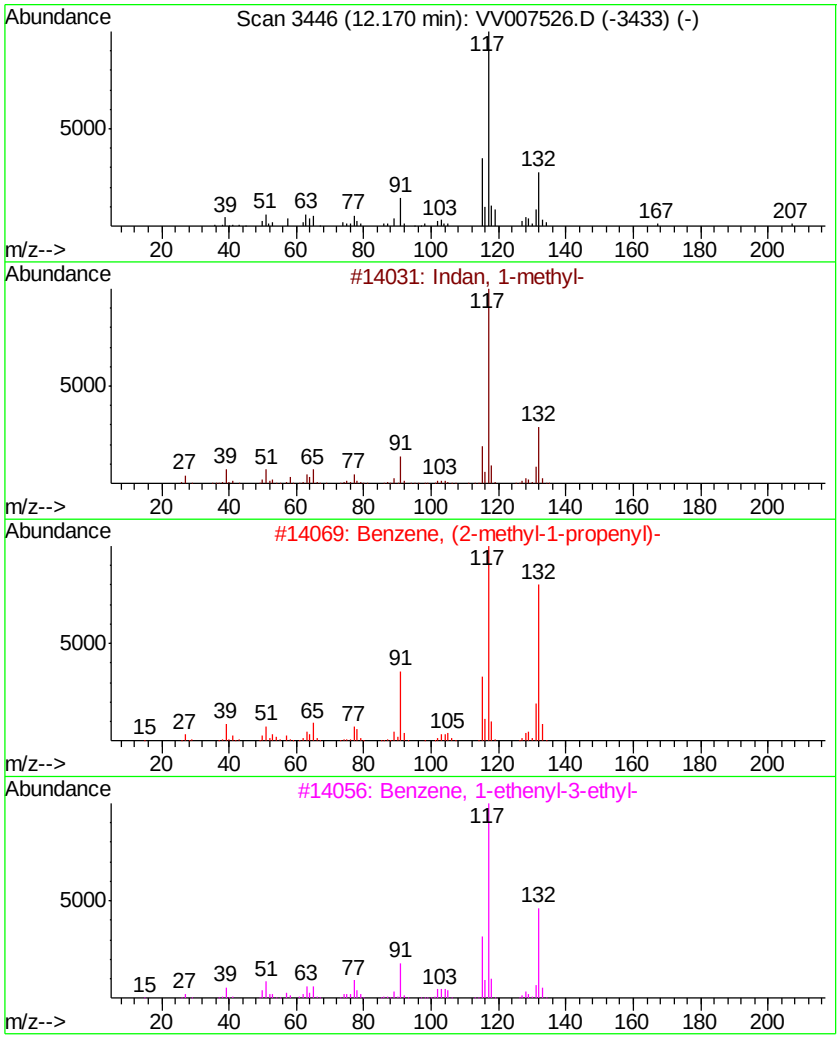
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

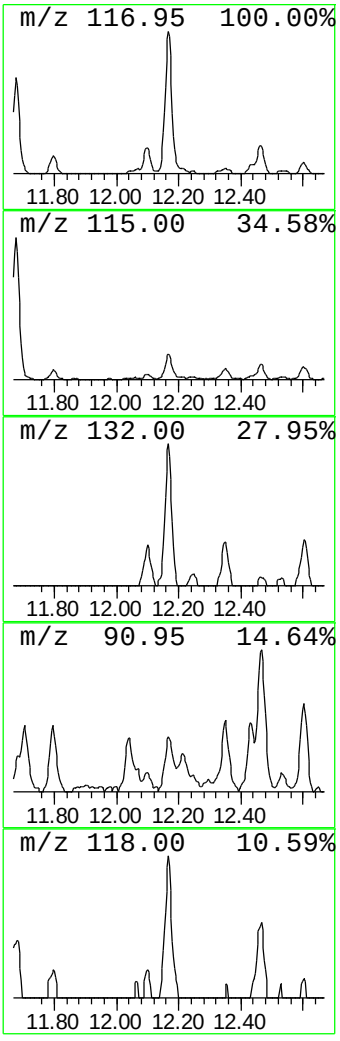
****

Peak Number 3 Indan, 1-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	0.63 ug/L	56935	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	91
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	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
Data File : VV007526.D
Acq On : 13 Sep 2018 22:52
Operator : SY/MD
Sample : J4864-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D11

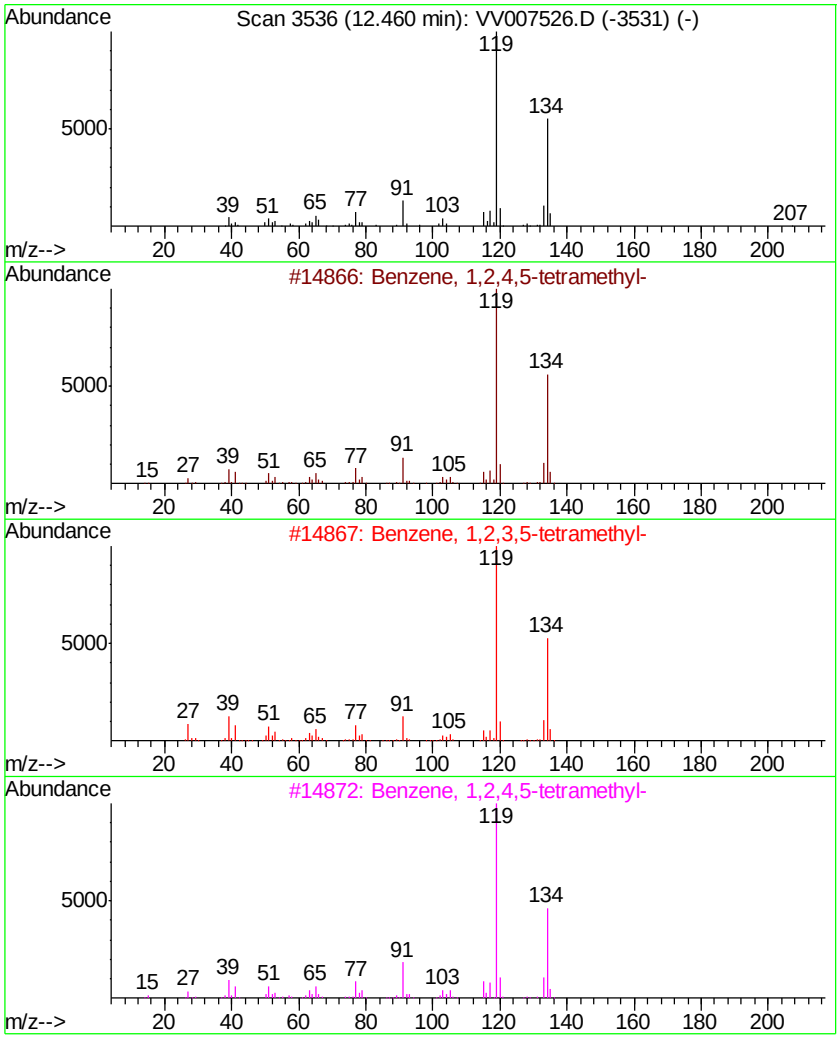
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

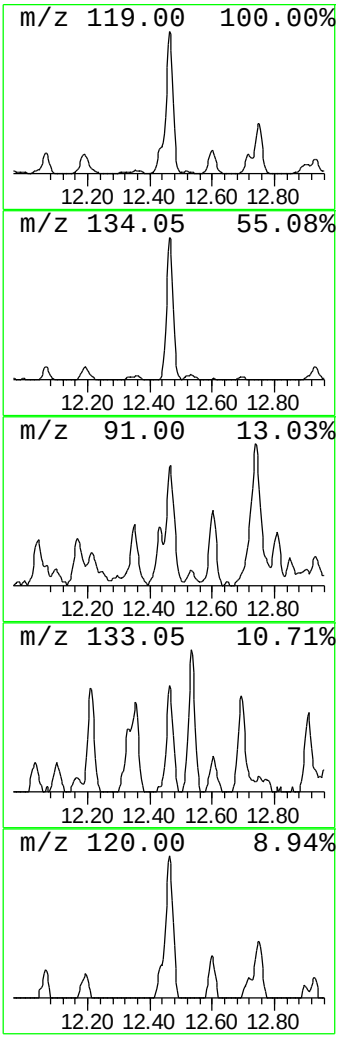
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	1.23 ug/L	110338	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
Data File : VV007526.D
Acq On : 13 Sep 2018 22:52
Operator : SY/MD
Sample : J4864-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D11

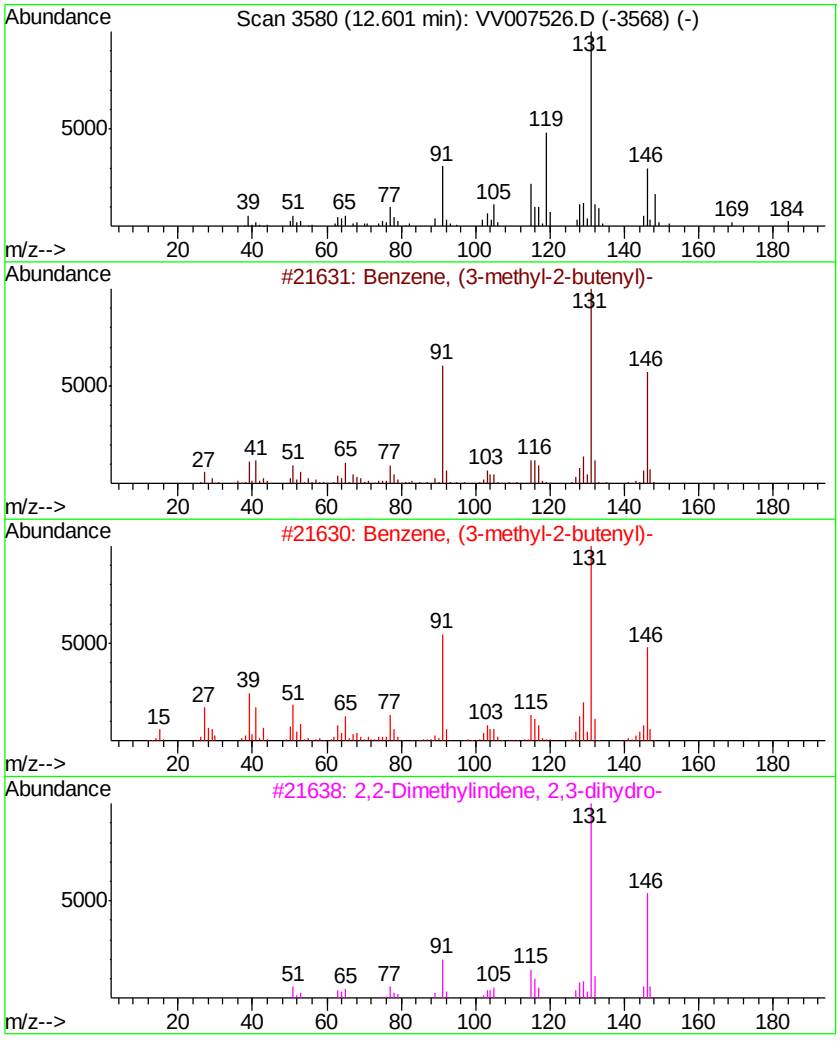
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

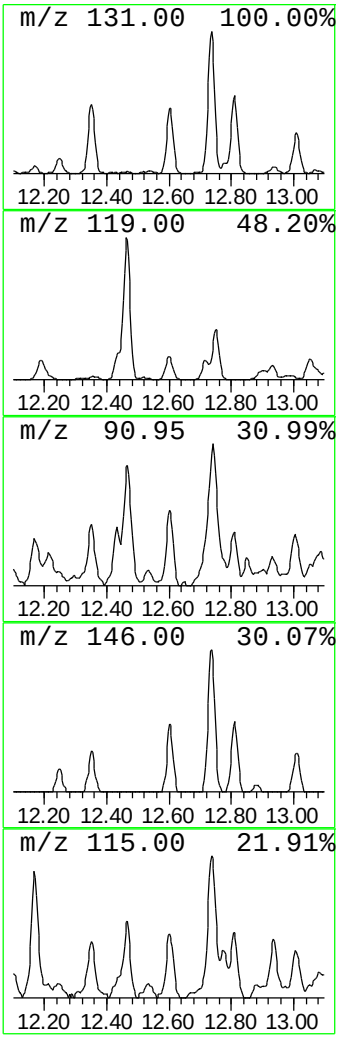
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, (3-methyl-2-butenyl)- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	0.65 ug/L	58133	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	95
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	86
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	78
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	70





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
Data File : VV007526.D
Acq On : 13 Sep 2018 22:52
Operator : SY/MD
Sample : J4864-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

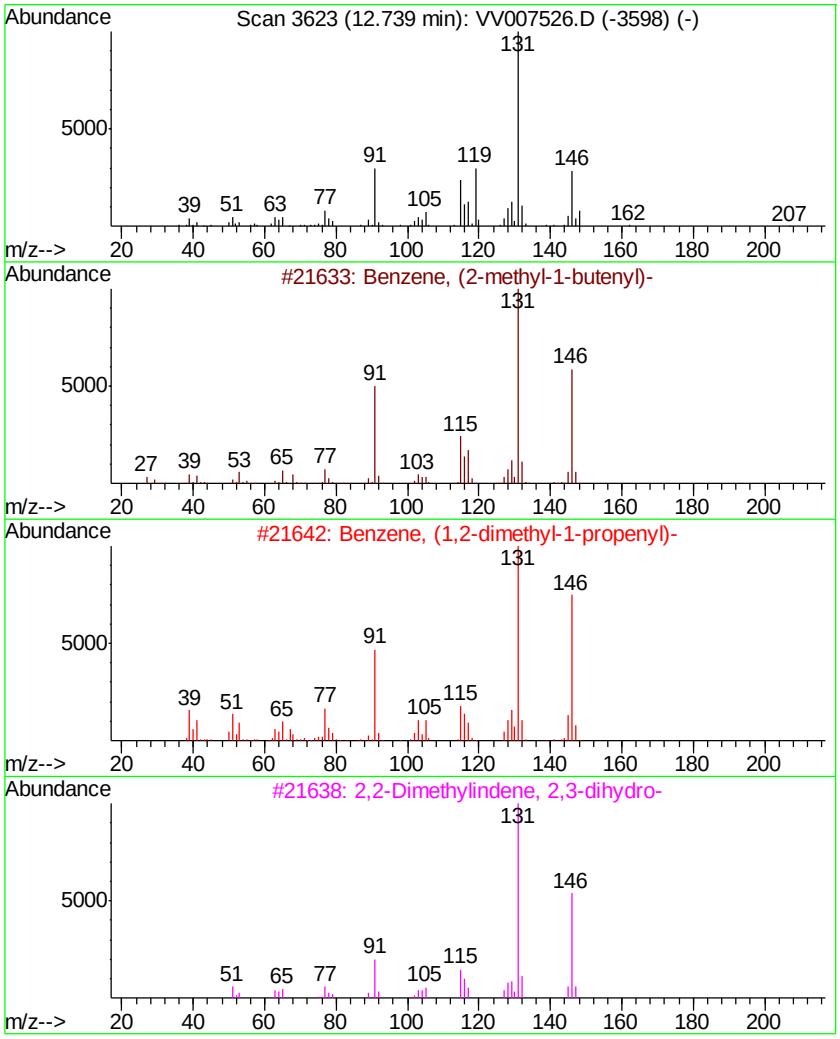
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

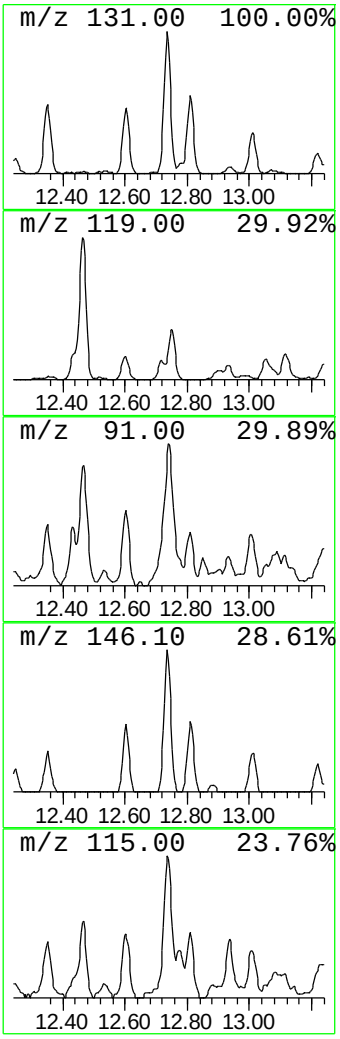
****

Peak Number 6 Benzene, (2-methyl-1-butenyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	1.69 ug/L	151380	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	92
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	87
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	83





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
Data File : VV007526.D
Acq On : 13 Sep 2018 22:52
Operator : SY/MD
Sample : J4864-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

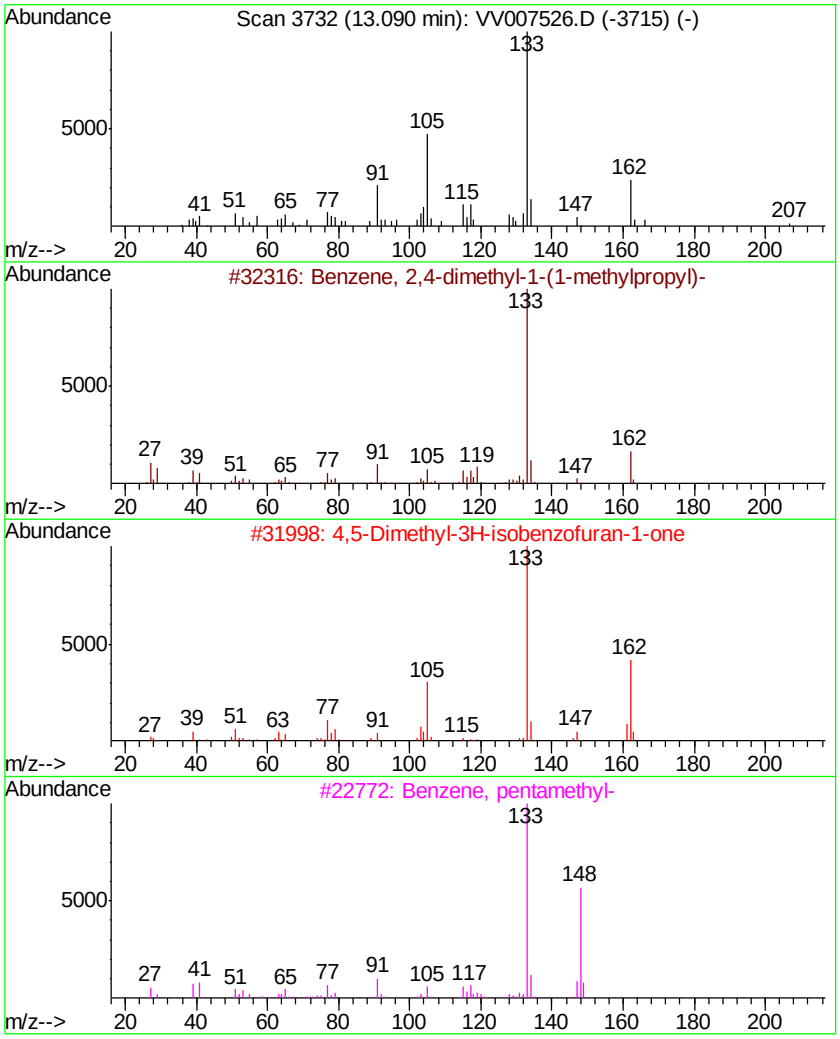
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

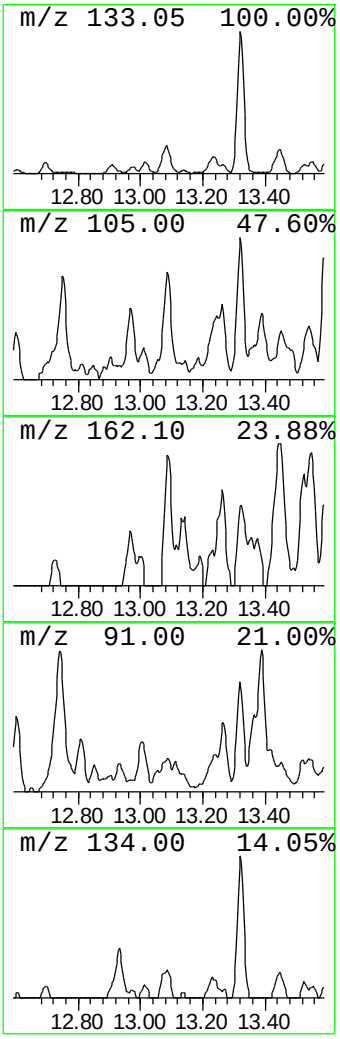
****

Peak Number 7 Benzene, 2,4-dimethyl-1-(1-... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	0.52 ug/L	46413	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-dimethyl-1-(1-methy...	162	C12H18	001483-60-9	86
2	4,5-Dimethyl-3H-isobenzofuran-1-one	162	C10H10O2	1000188-08-0	72
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	72
4	1-Propanone, 1-(2,4-dimethylphen...	162	C11H14O	035031-55-1	70
5	6,7-Dimethyl-3H-isobenzofuran-1-one	162	C10H10O2	343852-50-6	64





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Data File : VV007526.D
Acq On : 13 Sep 2018 22:52
Operator : SY/MD
Sample : J4864-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

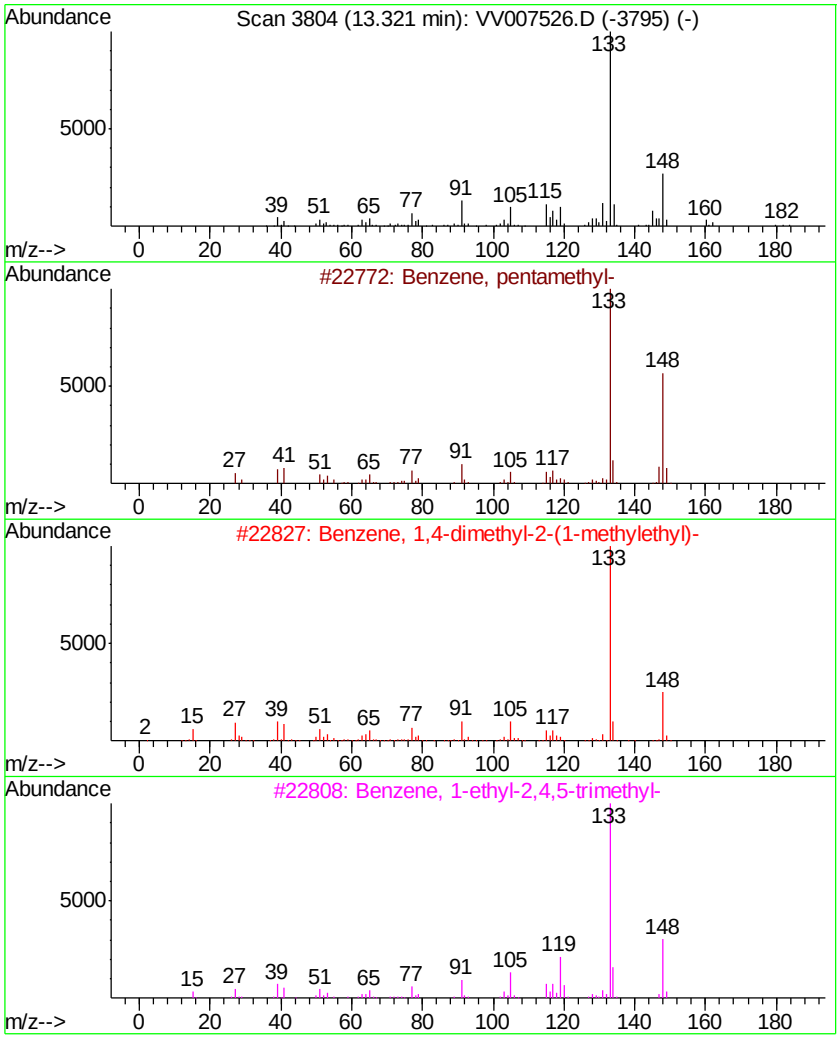
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

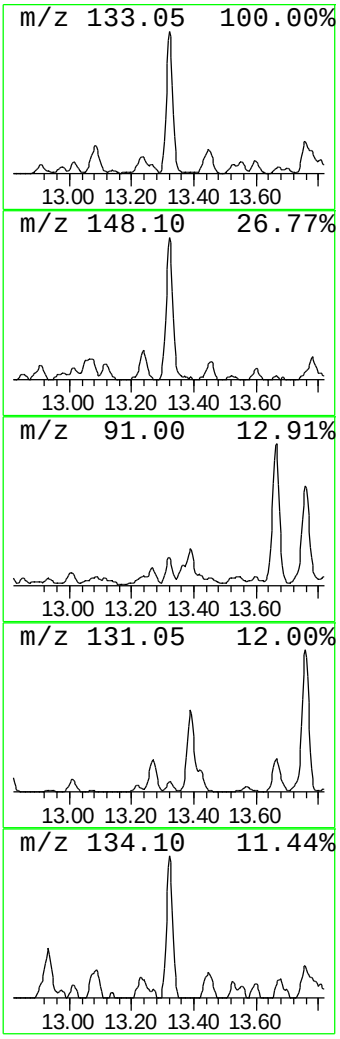
****

Peak Number 9 Benzene, pentamethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	1.42 ug/L	127885	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	87
2	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	81
3	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	81
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	81
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
Data File : VV007526.D
Acq On : 13 Sep 2018 22:52
Operator : SY/MD
Sample : J4864-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

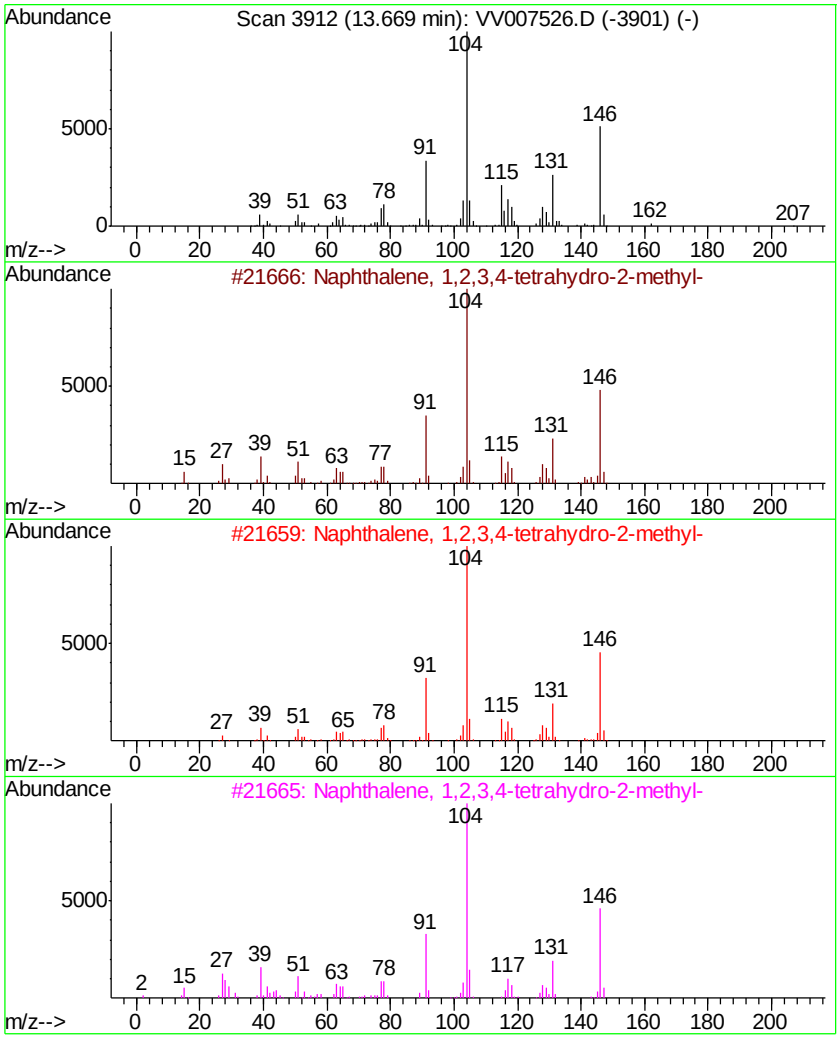
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

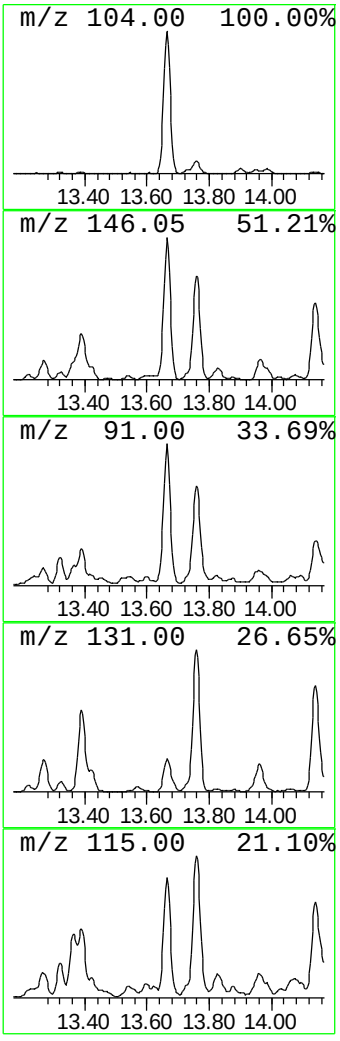
****

Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	4.14 ug/L	371192	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	93
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	87
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	87
5	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	76





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
Data File : VV007526.D
Acq On : 13 Sep 2018 22:52
Operator : SY/MD
Sample : J4864-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

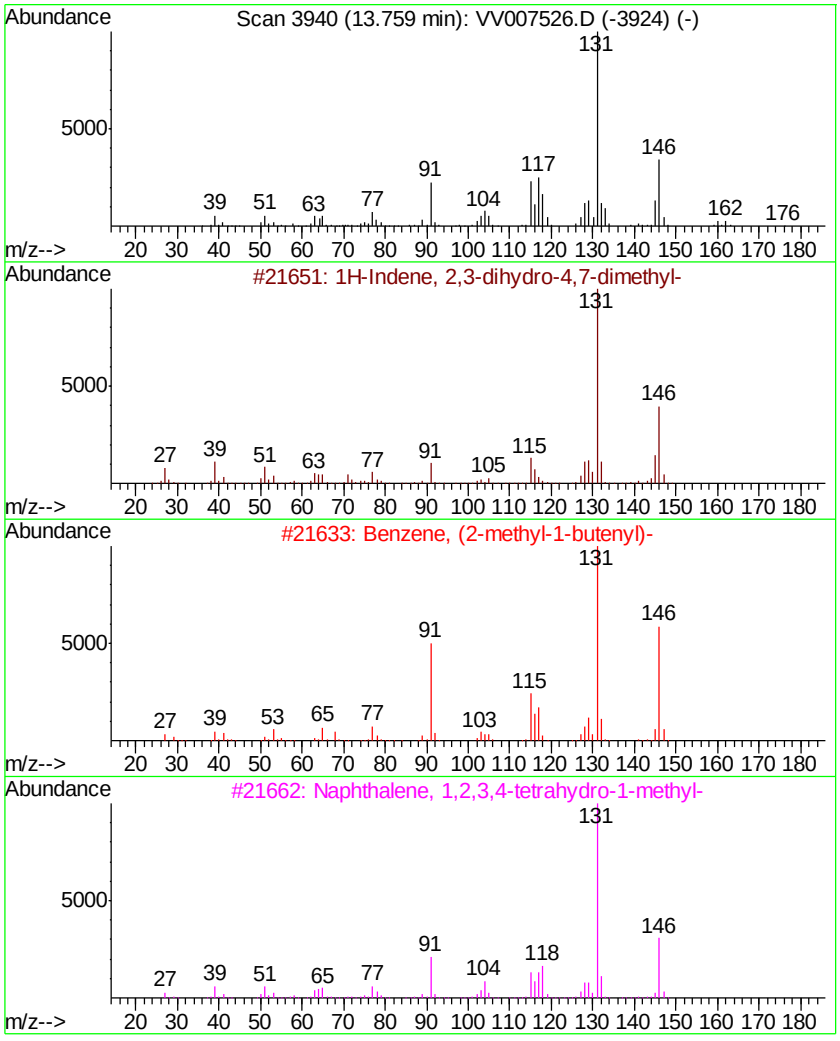
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

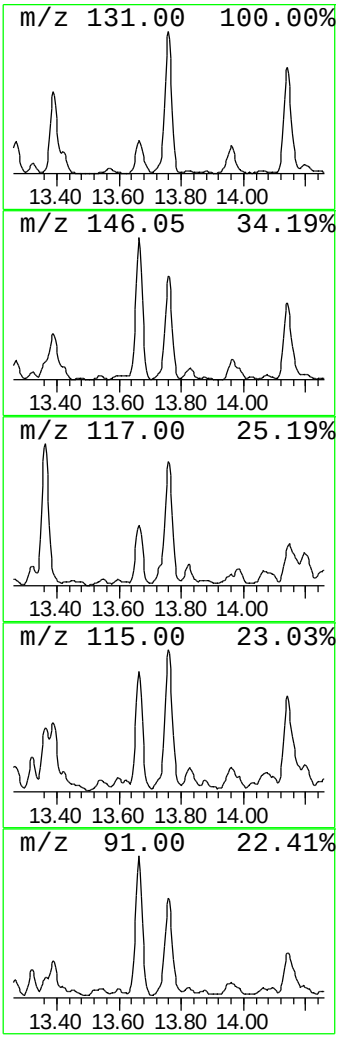
****

Peak Number 13 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	4.92 ug/L	441373	1,4-Dichlorobenzene-d4	11.30

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	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	93
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	89
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
Data File : VV007526.D
Acq On : 13 Sep 2018 22:52
Operator : SY/MD
Sample : J4864-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D11

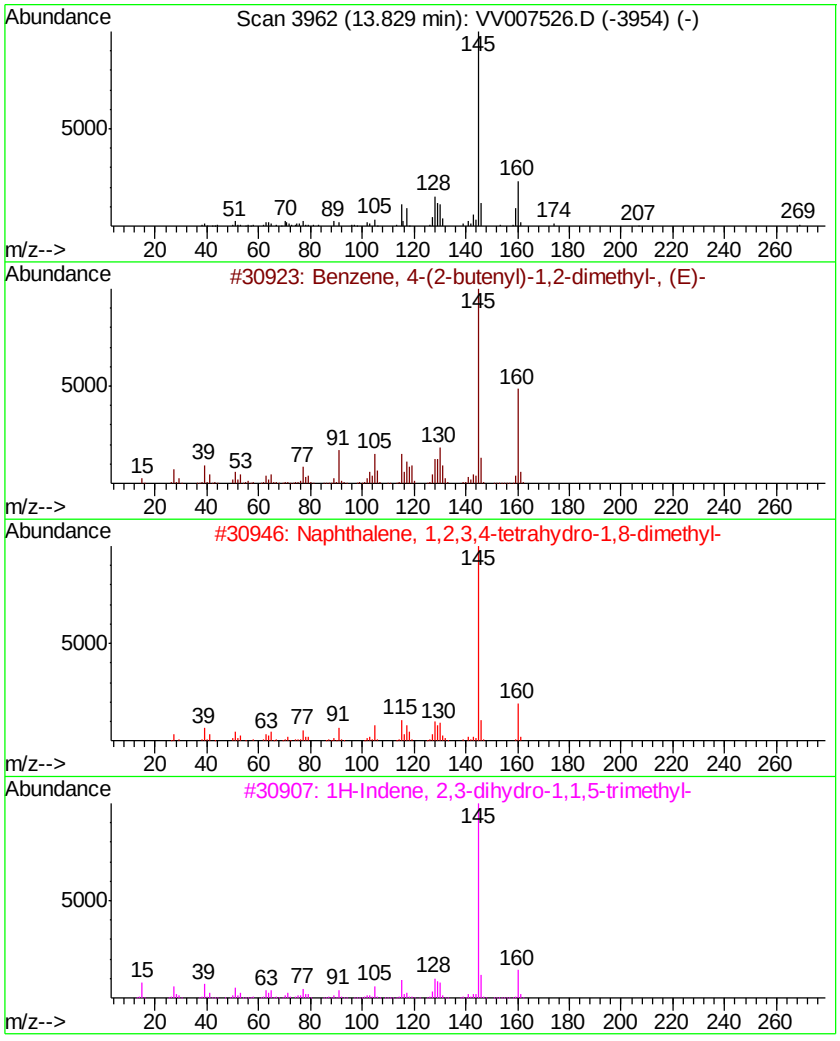
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

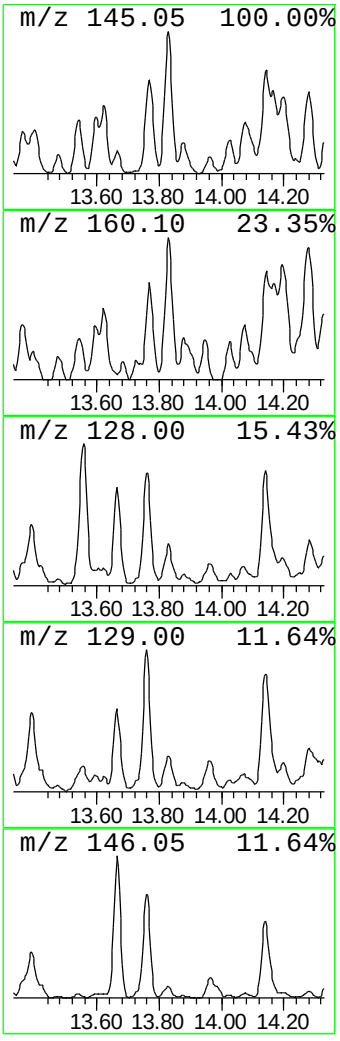
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	0.64 ug/L	57554	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	90
3	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	87
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	87
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
Data File : VV007526.D
Acq On : 13 Sep 2018 22:52
Operator : SY/MD
Sample : J4864-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

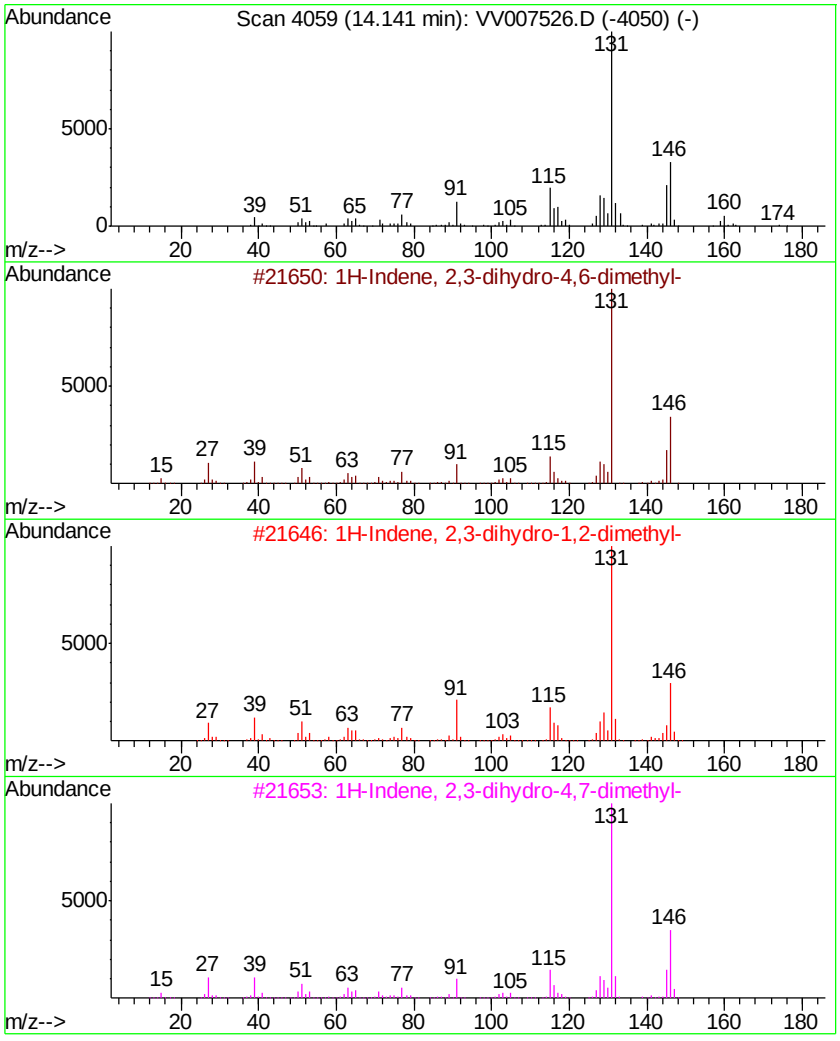
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

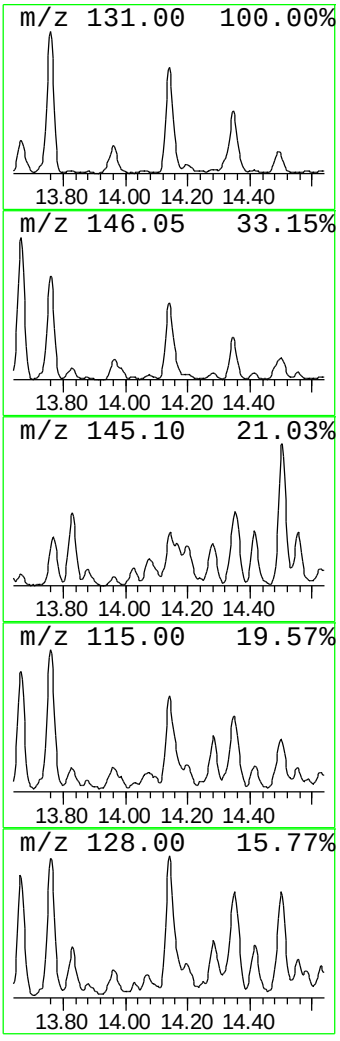
****

Peak Number 16 1H-Indene, 2,3-dihydro-4,6-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	3.82 ug/L	342851	1,4-Dichlorobenzene-d4	11.30

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-1,2-dimet...	146	C11H14	017057-82-8	90
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	86
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
Data File : VV007526.D
Acq On : 13 Sep 2018 22:52
Operator : SY/MD
Sample : J4864-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D11

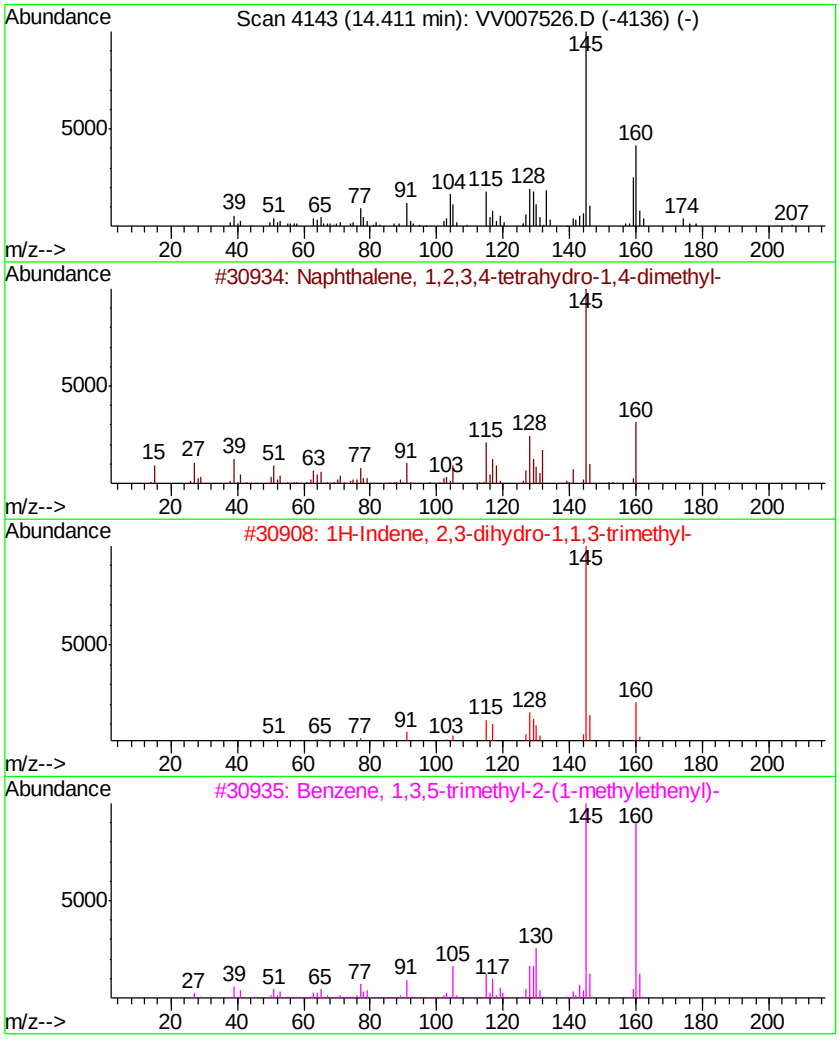
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

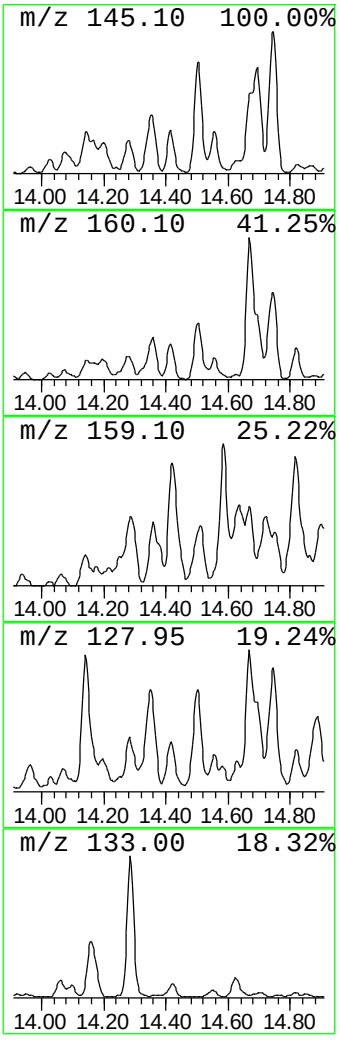
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	1.08 ug/L	96659	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	89
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	70
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	64
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	64
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
Data File : VV007526.D
Acq On : 13 Sep 2018 22:52
Operator : SY/MD
Sample : J4864-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

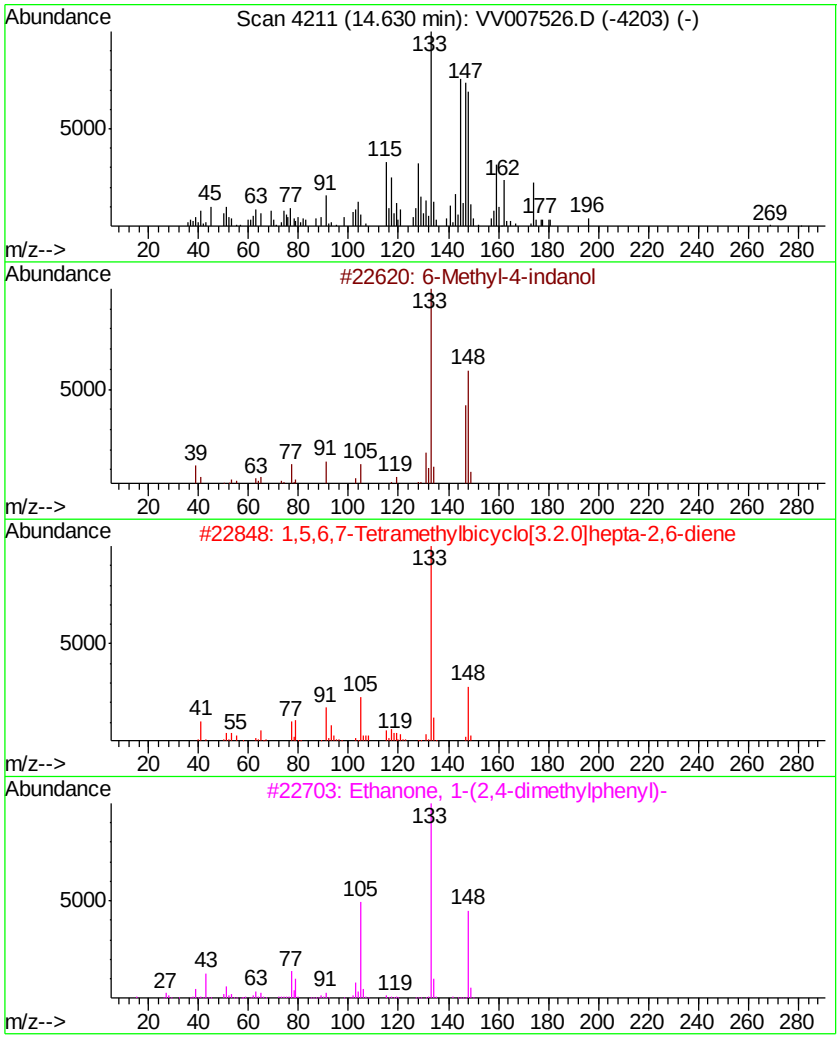
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

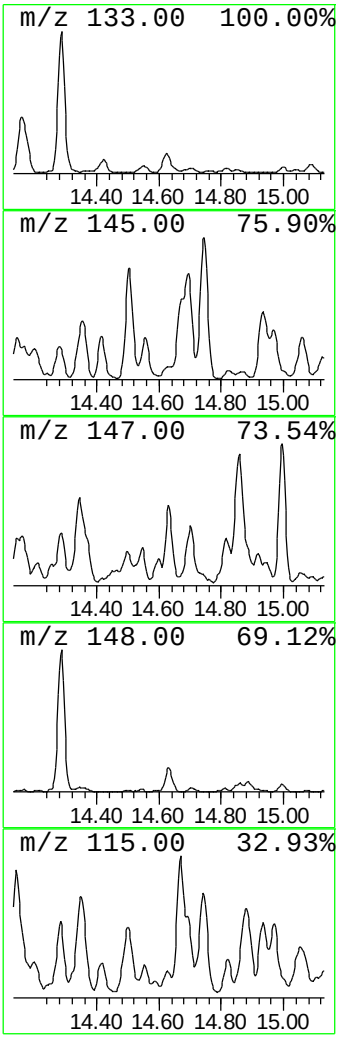
****

Peak Number 21 unknown-01 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	0.51 ug/L	45920	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-4-indanol	148	C10H12O	020294-32-0	38
2	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	30
3	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	30
4	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	30
5	Phenol, 2-(2-methyl-2-propenyl)-	148	C10H12O	020944-88-1	30





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
Data File : VV007526.D
Acq On : 13 Sep 2018 22:52
Operator : SY/MD
Sample : J4864-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

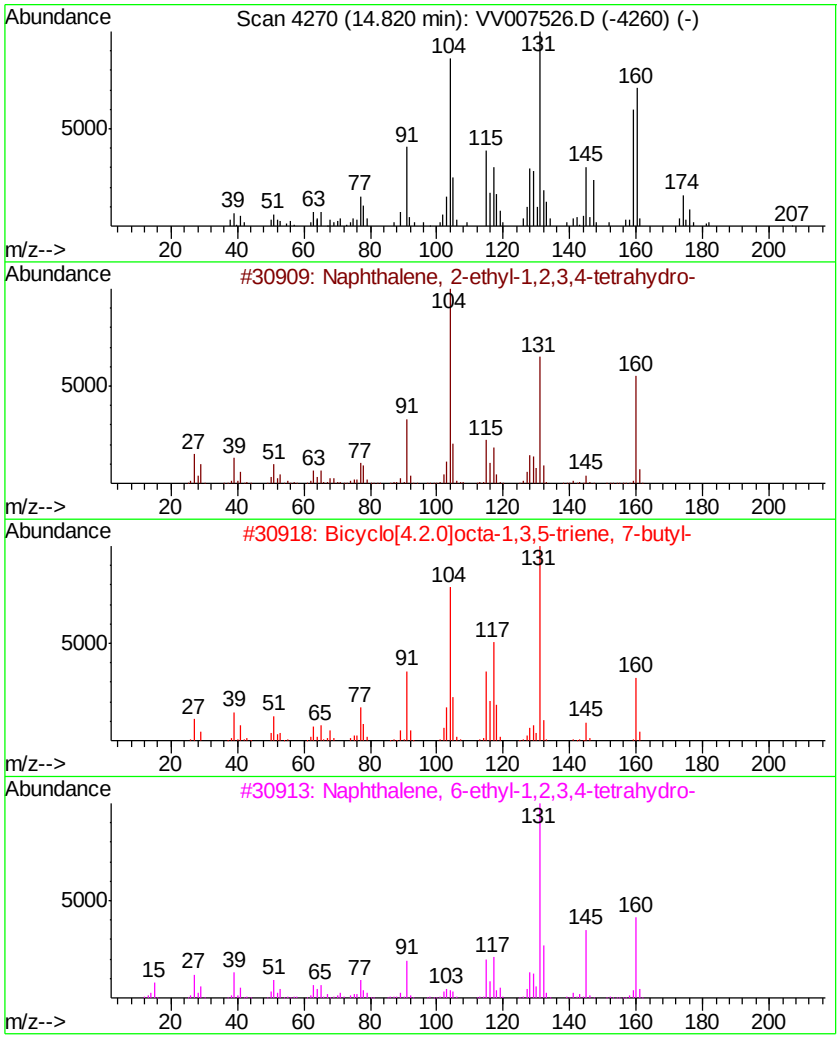
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

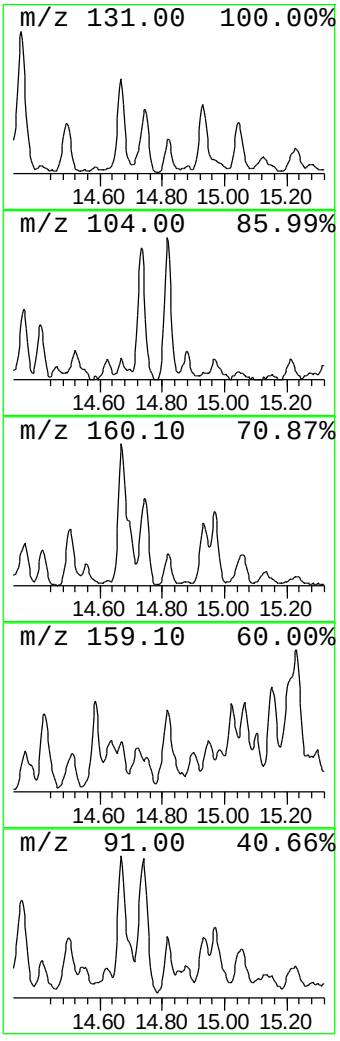
****

Peak Number 24 Naphthalene, 2-ethyl-1,2,3,... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	1.02 ug/L	91987	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	90
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	160	C12H16	078920-29-3	64
3	Naphthalene, 6-ethyl-1,2,3,4-tet...	160	C12H16	022531-20-0	60
4	Naphthalene, 5-ethyl-1,2,3,4-tet...	160	C12H16	042775-75-7	49
5	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	49





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
Data File : VV007526.D
Acq On : 13 Sep 2018 22:52
Operator : SY/MD
Sample : J4864-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

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

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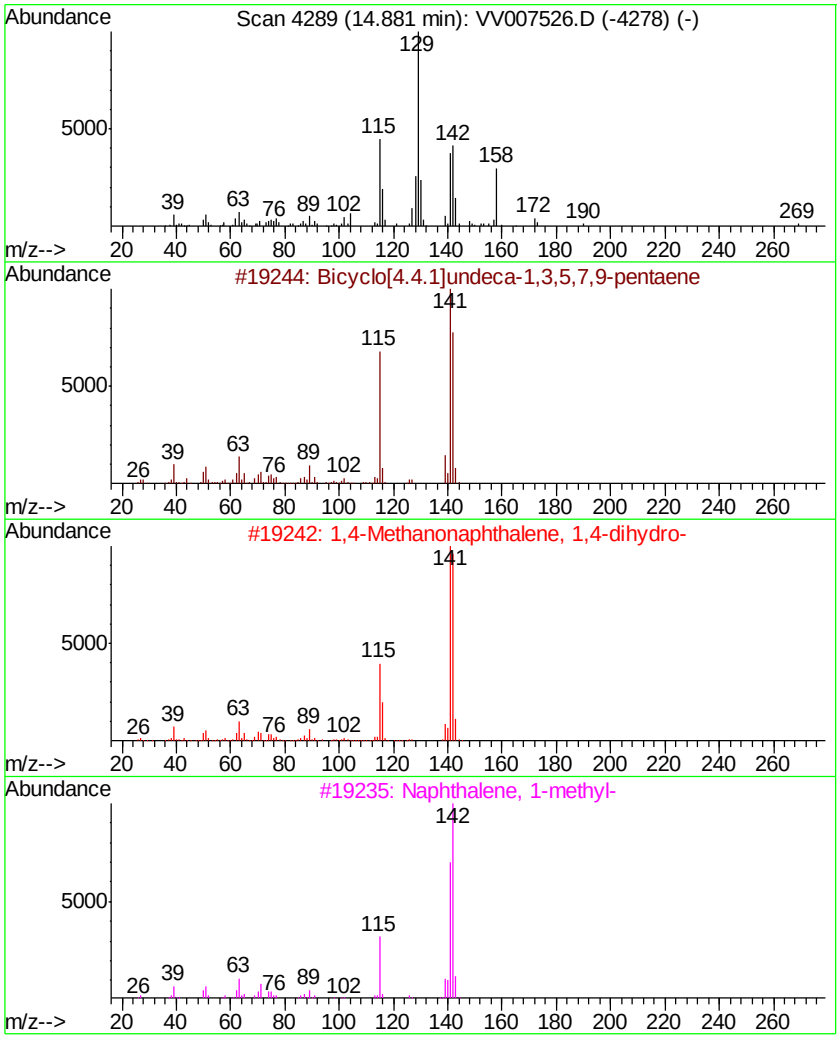
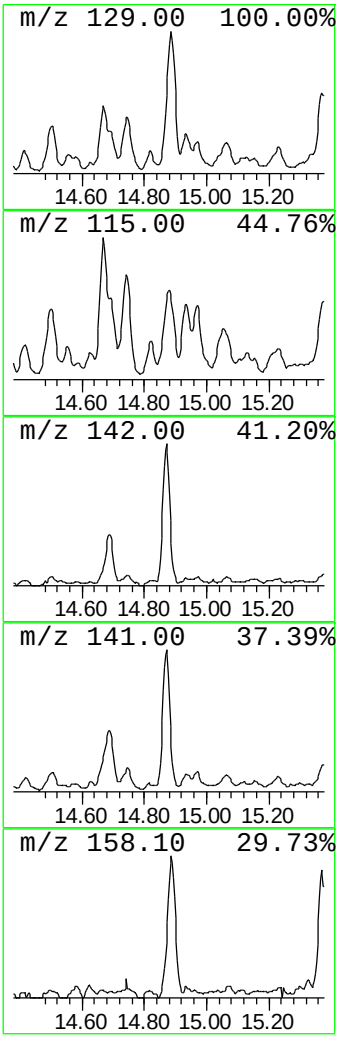
Peak Number 25 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	1.44 ug/L	129366	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	46
2	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	42
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	42
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	38
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
Data File : VV007526.D
Acq On : 13 Sep 2018 22:52
Operator : SY/MD
Sample : J4864-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D11

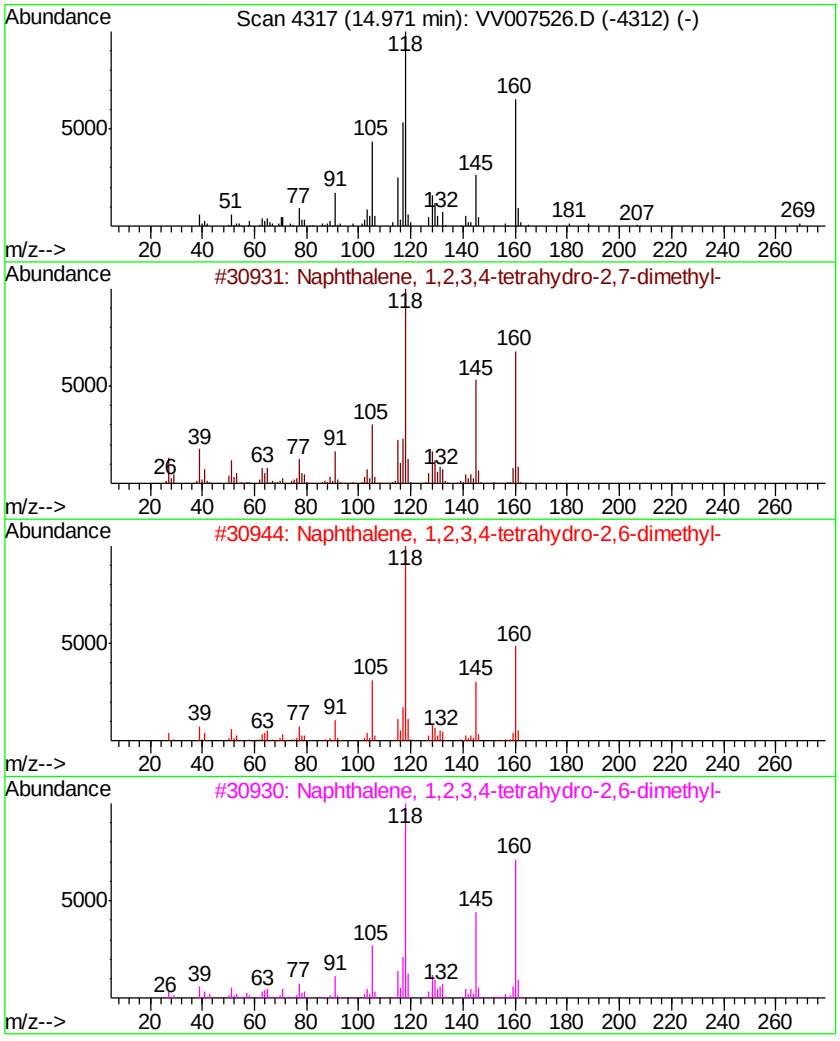
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

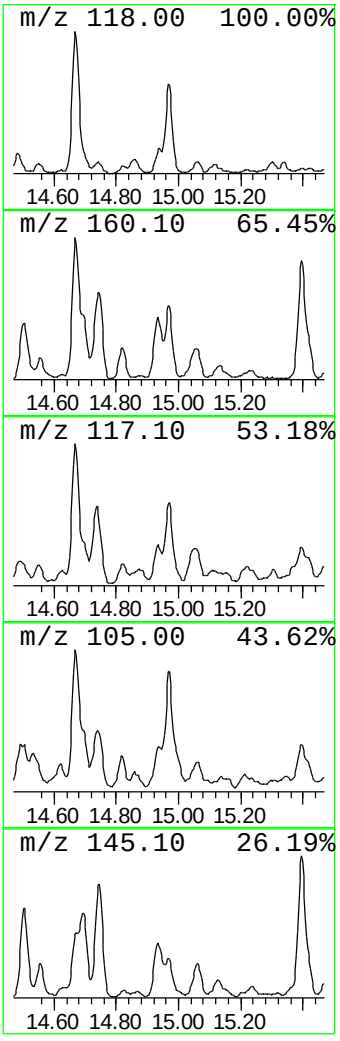
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	1.58 ug/L	141603	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	80
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	74
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	68
4	Diboroxide, trimethylphenyl-	160	C9H14B2O	1000162-60-0	50
5	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
Data File : VV007526.D
Acq On : 13 Sep 2018 22:52
Operator : SY/MD
Sample : J4864-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D11

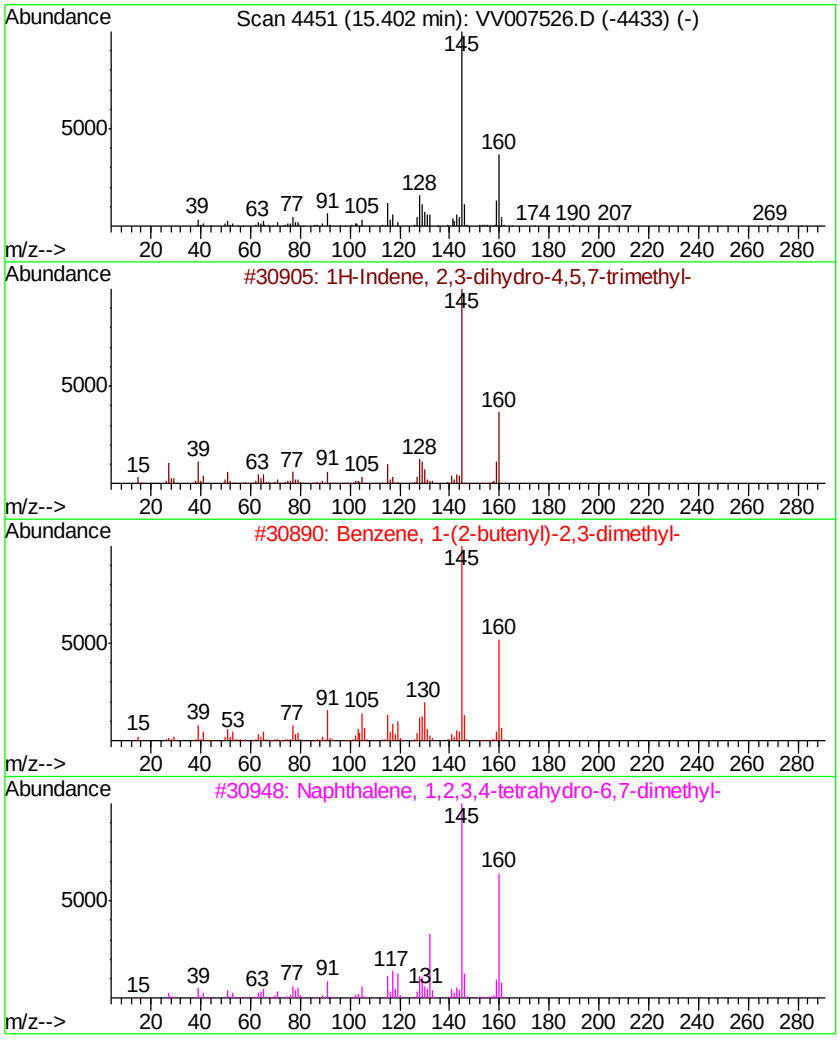
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

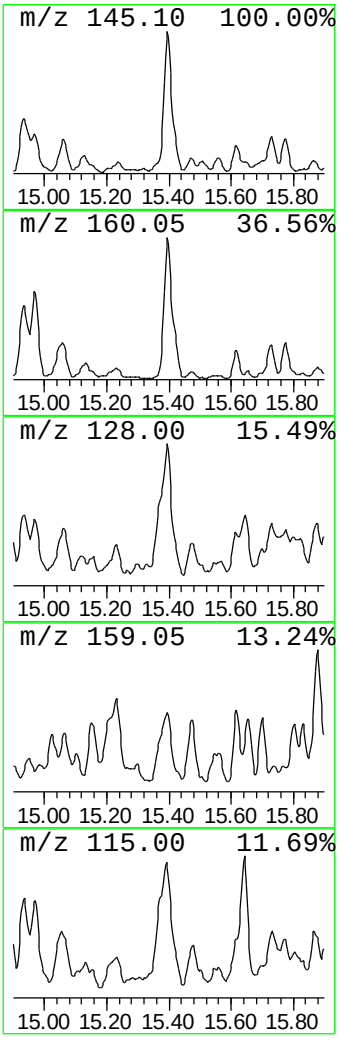
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 1H-Indene, 2,3-dihydro-4,5,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	4.42 ug/L	397155	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	96
2	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	93
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	91
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	91
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
Data File : VV007526.D
Acq On : 13 Sep 2018 22:52
Operator : SY/MD
Sample : J4864-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

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

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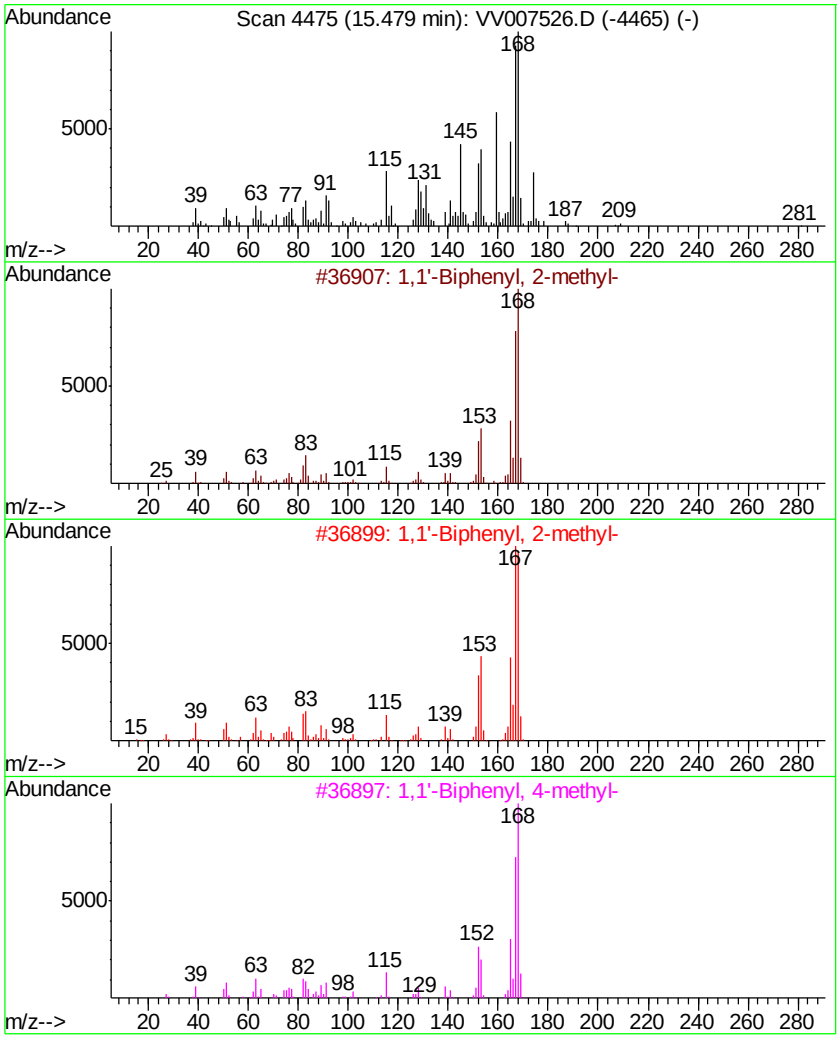
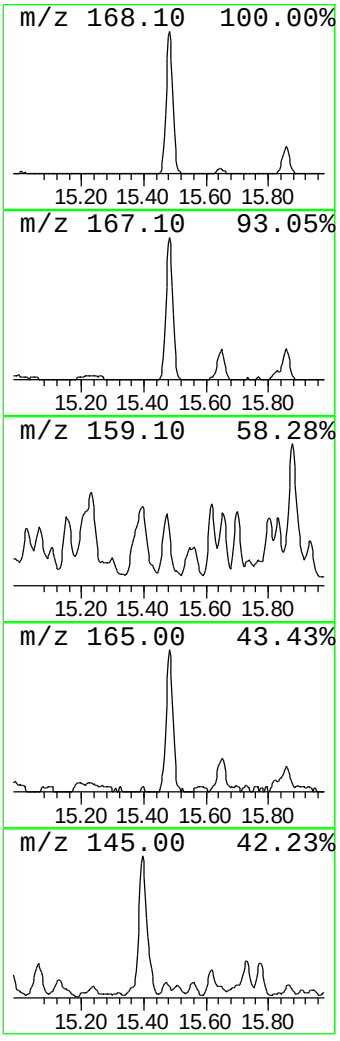
Peak Number 31 1,1'-Biphenyl, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	1.62 ug/L	145722	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	95
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	91
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	86
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	64
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
Data File : VV007526.D
Acq On : 13 Sep 2018 22:52
Operator : SY/MD
Sample : J4864-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

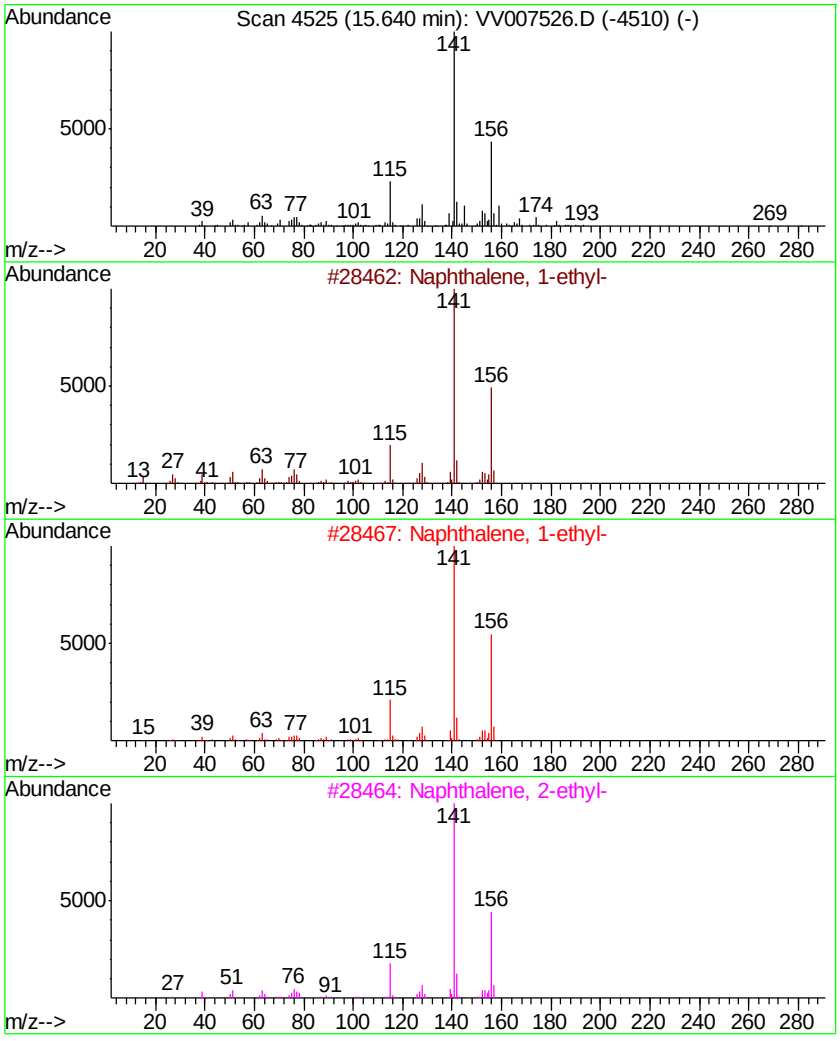
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

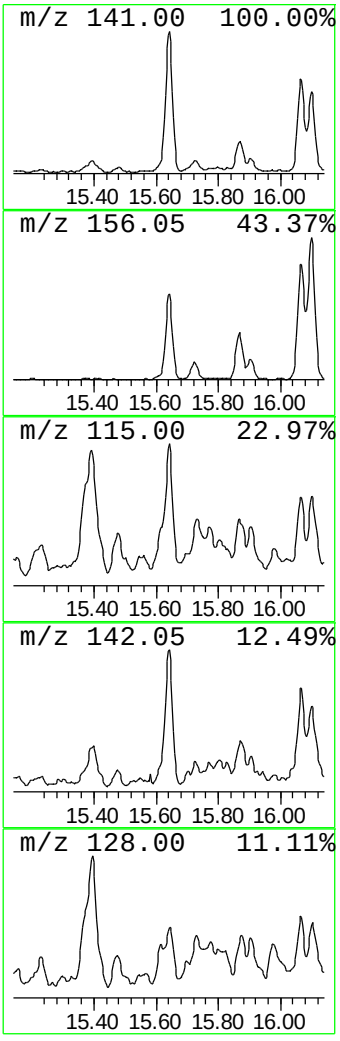
****

Peak Number 32 Naphthalene, 1-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	2.60 ug/L	233008	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91





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Data File : VV007526.D
Acq On : 13 Sep 2018 22:52
Operator : SY/MD
Sample : J4864-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

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

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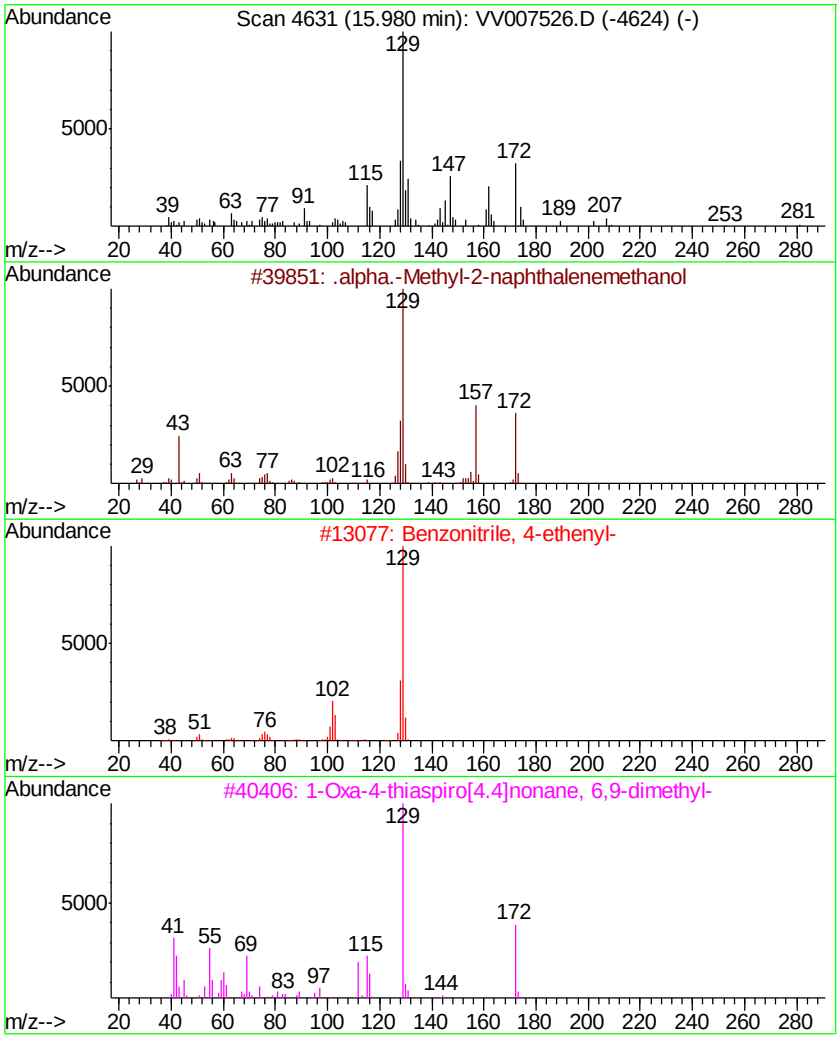
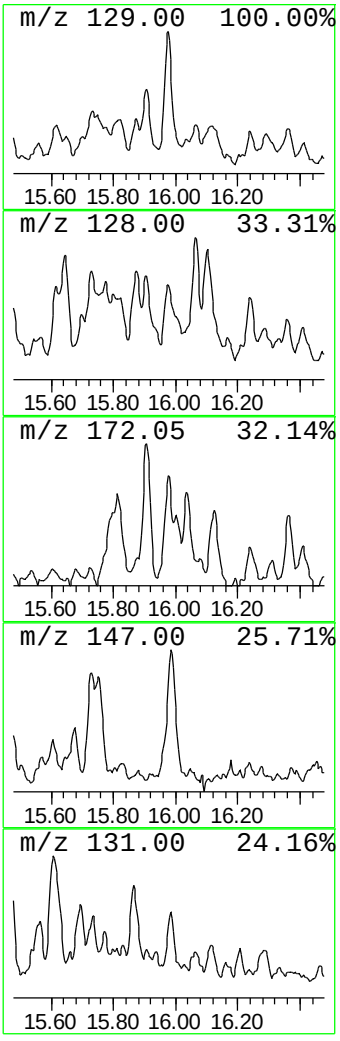
Peak Number 35 unknown-03 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	0.54 ug/L	48512	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Methyl-2-naphthalenemeth...	172	C12H12O	007228-47-9	38
2	Benzonitrile, 4-ethenyl-	129	C9H7N	003435-51-6	38
3	1-Oxa-4-thiaspiro[4.4]nonane, 6,...	172	C9H16OS	057156-88-4	38
4	4-Chloro-6-aminopyrimidine	129	C4H4ClN3	005305-59-9	38
5	(1-Ethylbuta-1,3-dienyl)benzene	158	C12H14	1000210-05-6	37





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
Data File : VV007526.D
Acq On : 13 Sep 2018 22:52
Operator : SY/MD
Sample : J4864-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

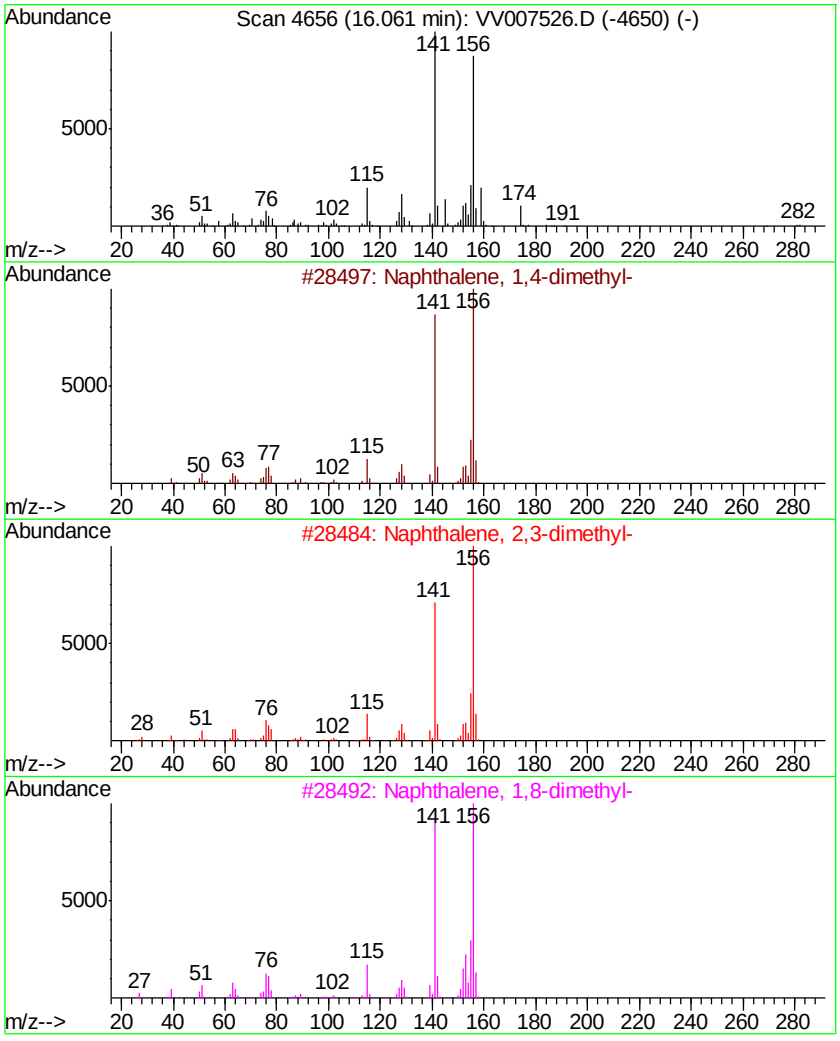
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

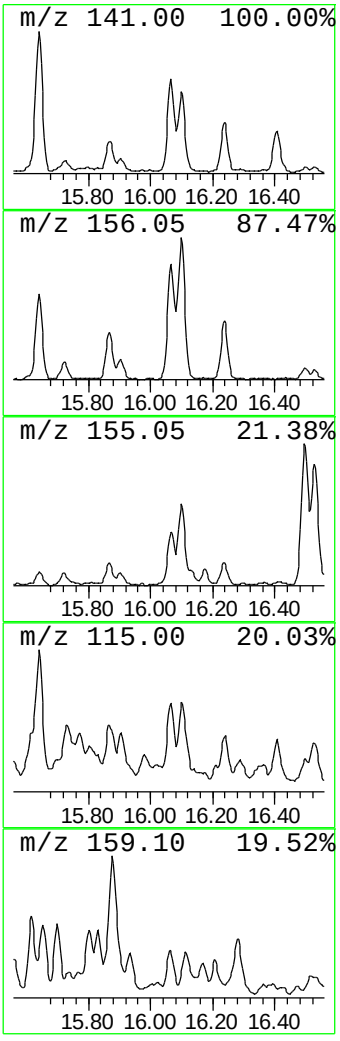
****

Peak Number 36 Naphthalene, 1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	1.26 ug/L	112873	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	94
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
Data File : VV007526.D
Acq On : 13 Sep 2018 22:52
Operator : SY/MD
Sample : J4864-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

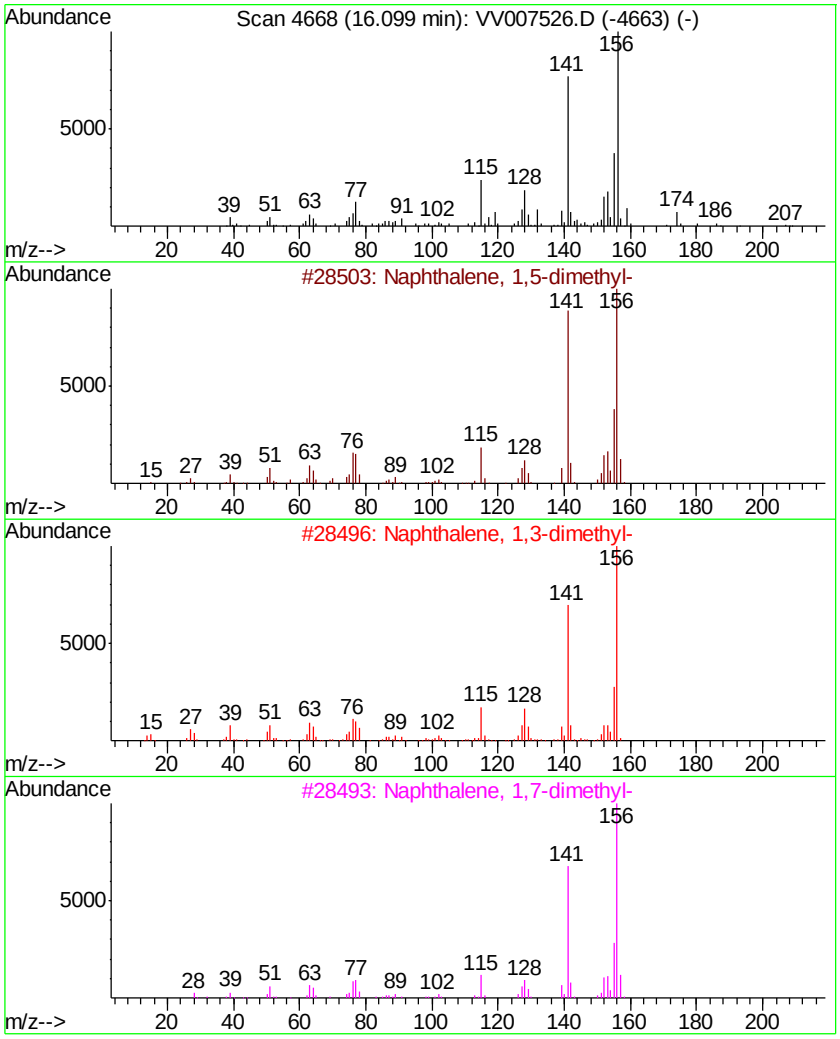
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

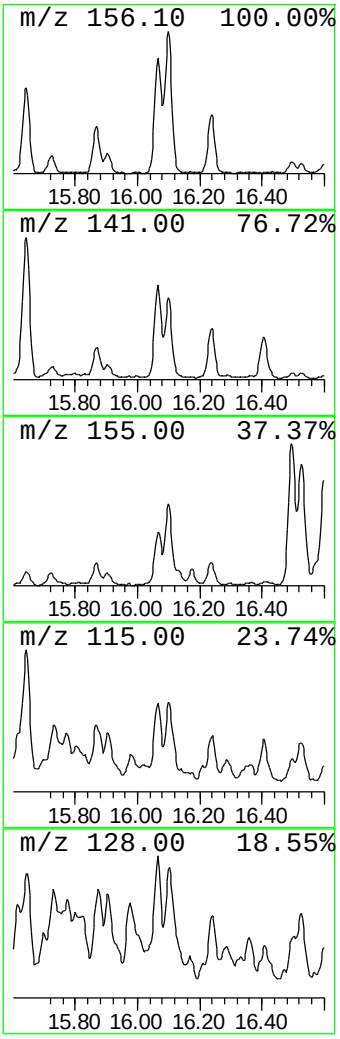
****

Peak Number 37 Naphthalene, 1,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	1.77 ug/L	158590	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	89
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	81
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	81
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	80
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
Data File : VV007526.D
Acq On : 13 Sep 2018 22:52
Operator : SY/MD
Sample : J4864-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

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

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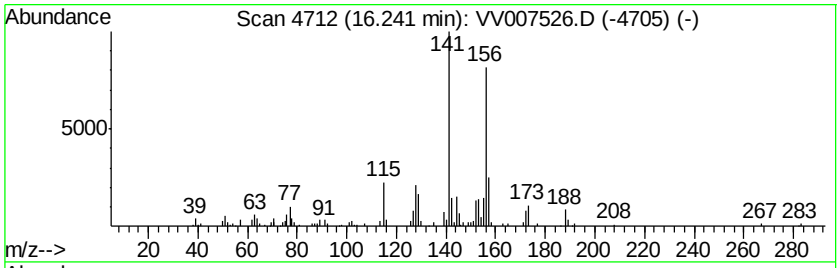
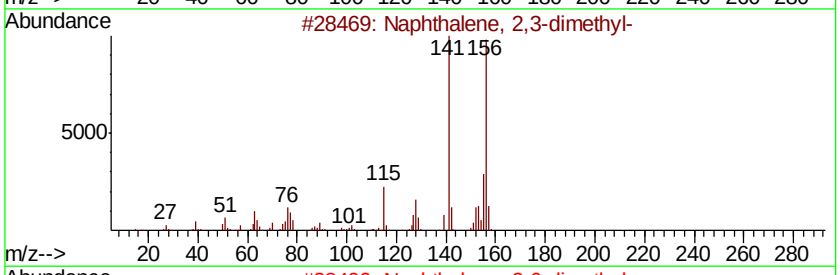
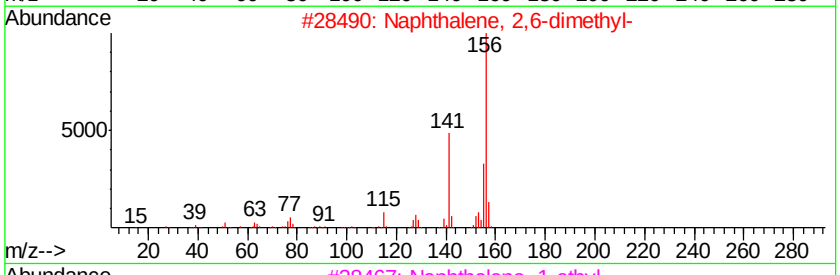
Peak Number 38 Naphthalene, 2,3-dimethyl- Concentration Rank 39

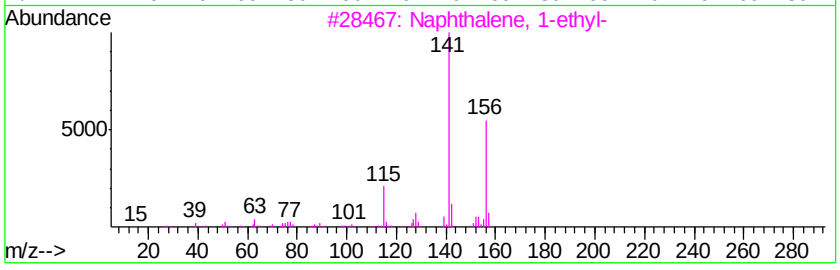
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	0.63 ug/L	56873	1,4-Dichlorobenzene-d4	11.30

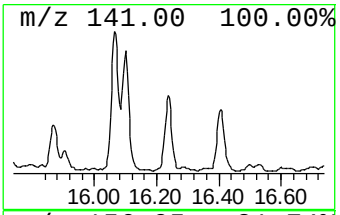
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	81
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	81
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	76
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	76
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	76

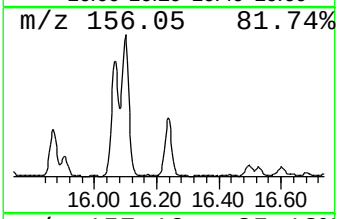


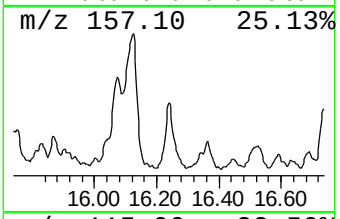


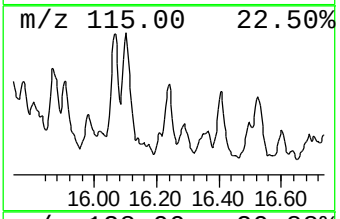


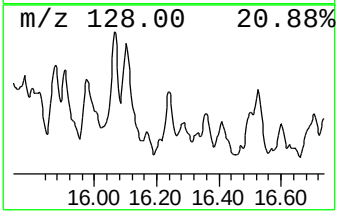












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
Data File : VV007526.D
Acq On : 13 Sep 2018 22:52
Operator : SY/MD
Sample : J4864-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

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

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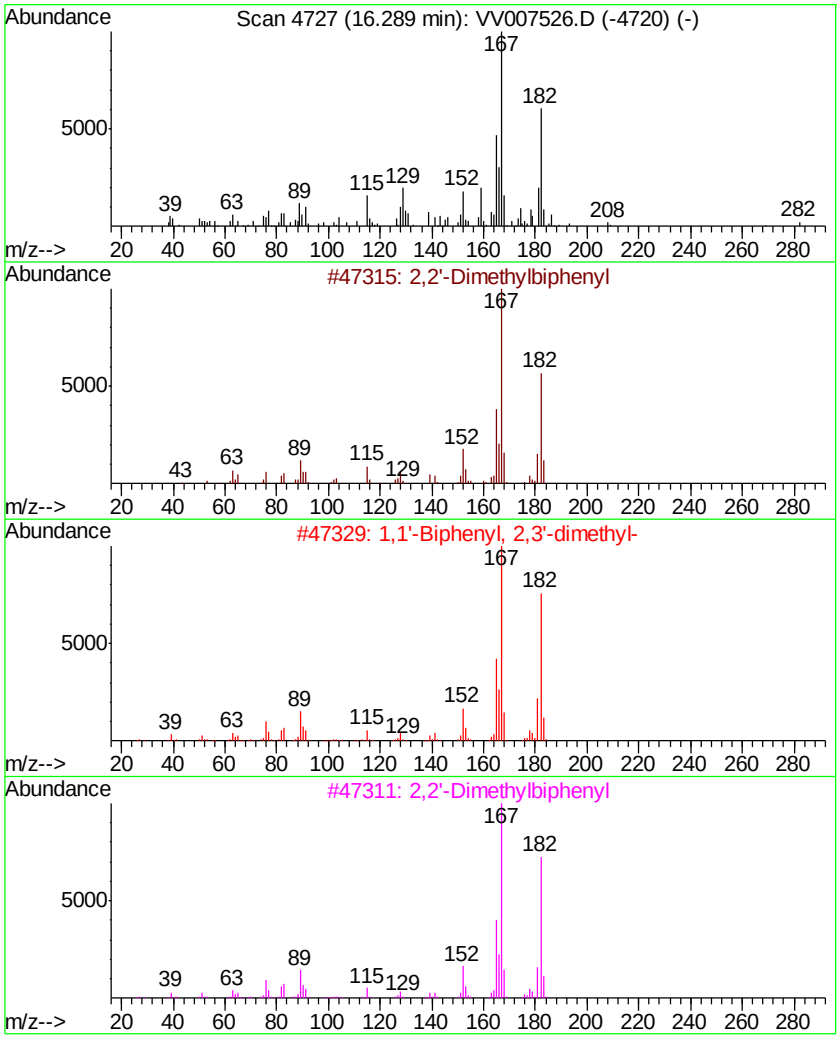
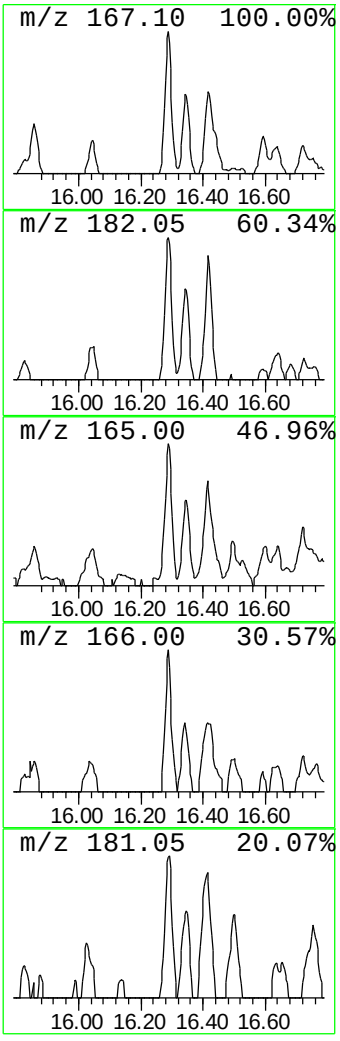
Peak Number 39 2,2'-Dimethylbiphenyl Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	0.56 ug/L	50548	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	93
2	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	93
3	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	89
4	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	86
5	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
Data File : VV007526.D
Acq On : 13 Sep 2018 22:52
Operator : SY/MD
Sample : J4864-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

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

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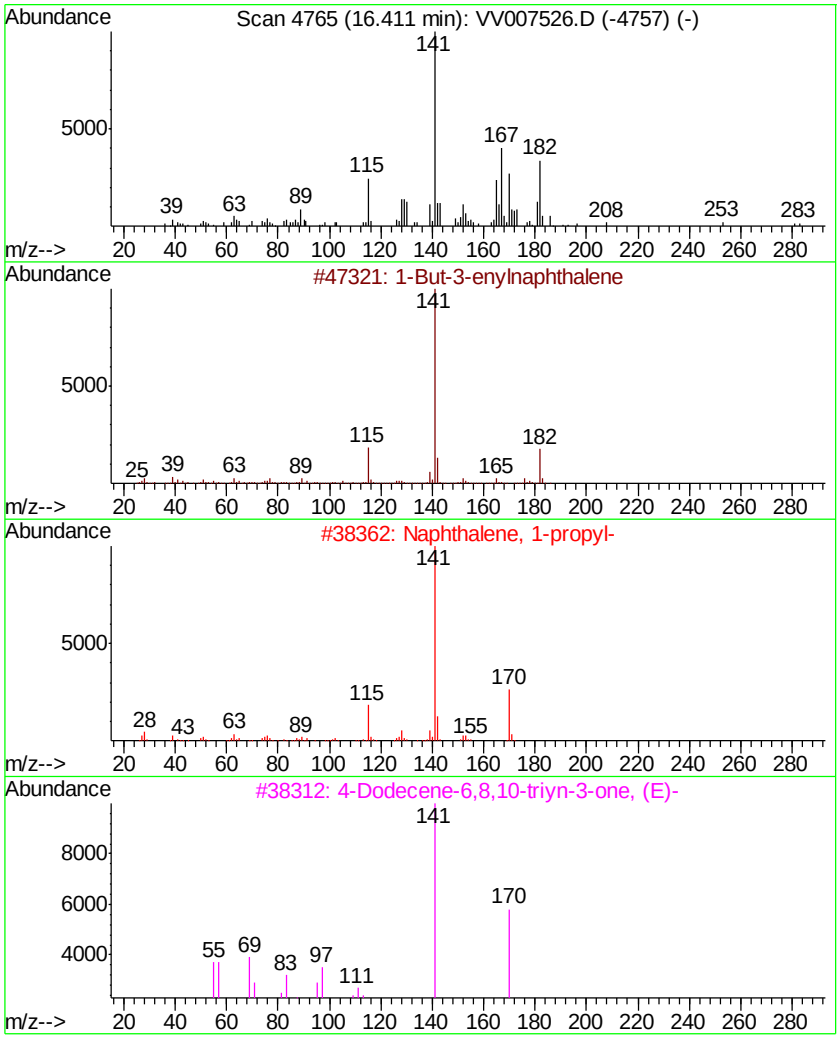
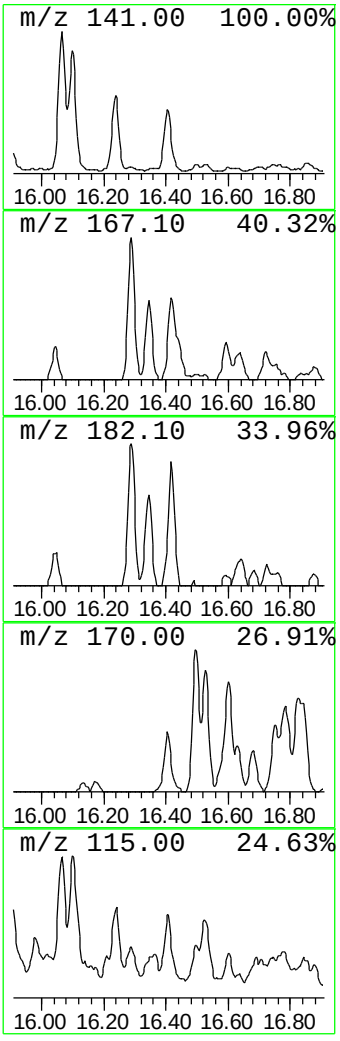
Peak Number 40 1-But-3-enylnaphthalene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	0.79 ug/L	70781	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-But-3-enylnaphthalene	182	C14H14	002489-88-5	53
2	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	46
3	4-Dodecene-6,8,10-triyn-3-one, (E)-	170	C12H10O	069698-50-6	43
4	1H-Imidazole, 1-(1-naphthalenylm...	208	C14H12N2	072459-37-1	41
5	1-Naphthalene acetic acid, dimet...	257	C16H19NO2	010593-16-5	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
Data File : VV007526.D
Acq On : 13 Sep 2018 22:52
Operator : SY/MD
Sample : J4864-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

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

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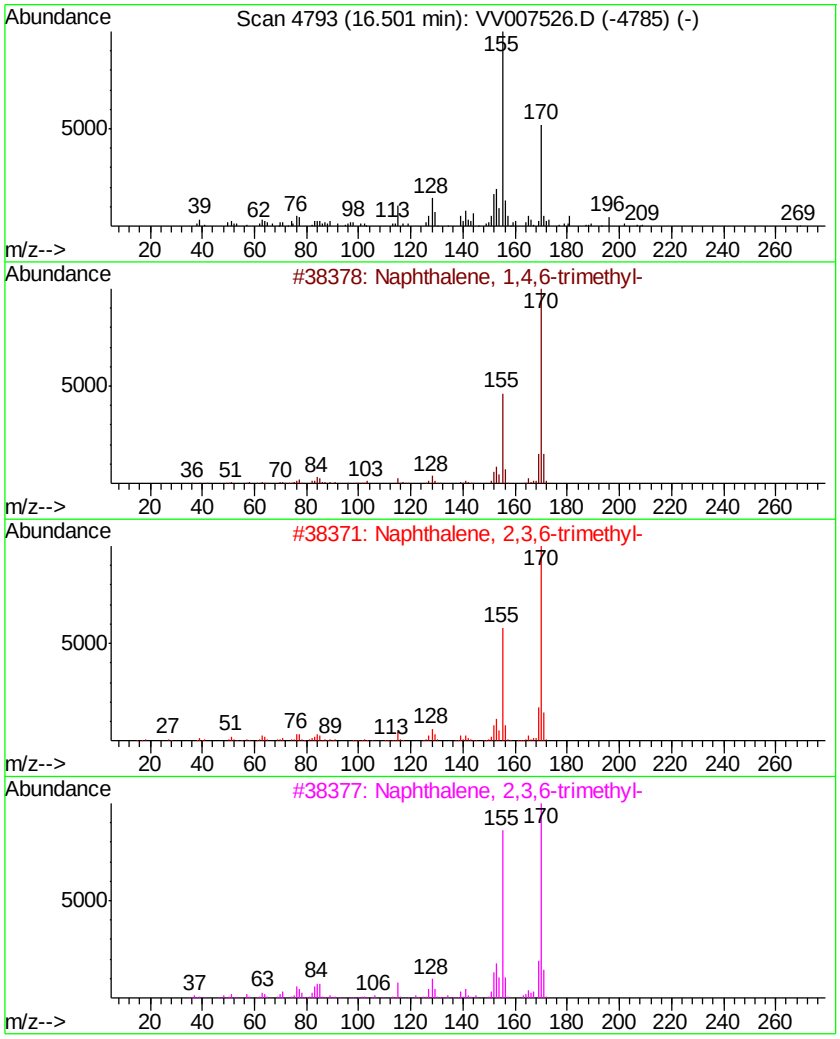
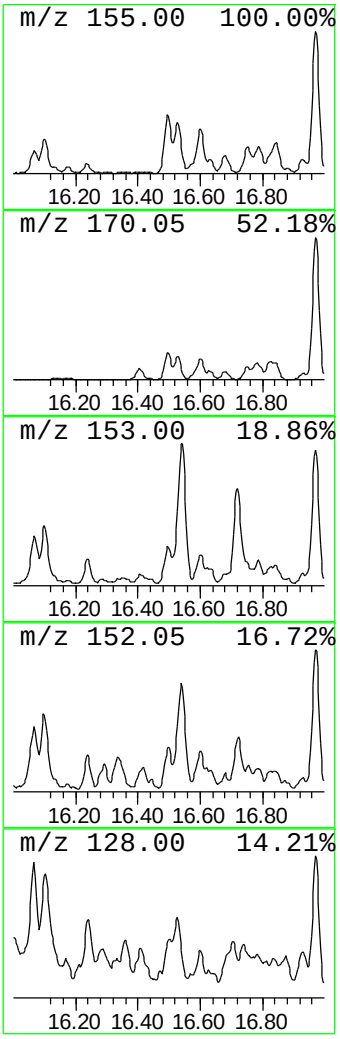
Peak Number 41 Naphthalene, 1,4,6-trimethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	0.51 ug/L	45571	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
Data File : VV007526.D
Acq On : 13 Sep 2018 22:52
Operator : SY/MD
Sample : J4864-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

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

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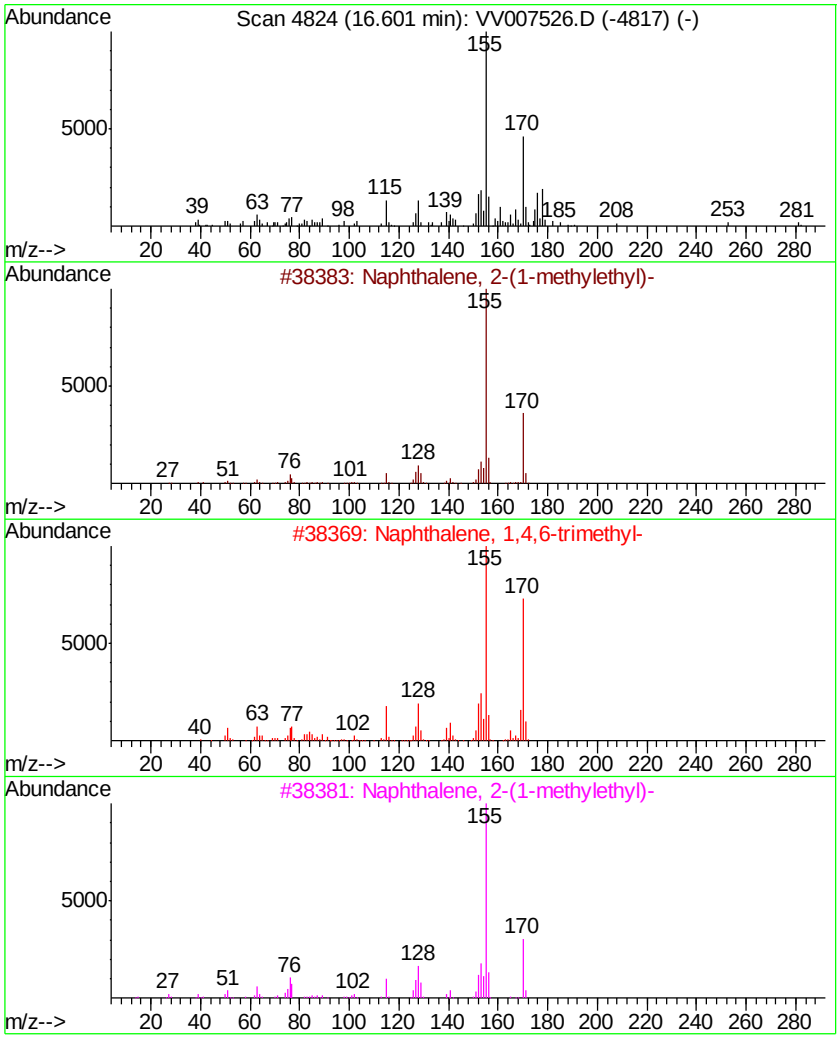
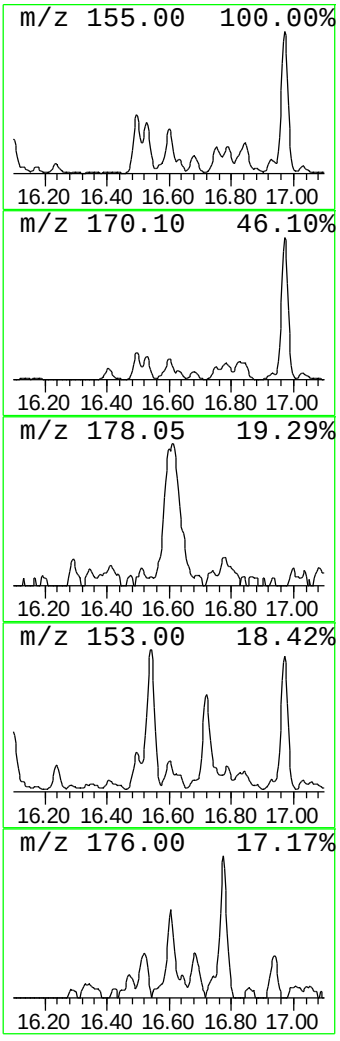
Peak Number 43 Naphthalene, 2-(1-methyleth... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	0.51 ug/L	45679	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	81
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	78
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	76
4	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	74
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
Data File : VV007526.D
Acq On : 13 Sep 2018 22:52
Operator : SY/MD
Sample : J4864-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

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

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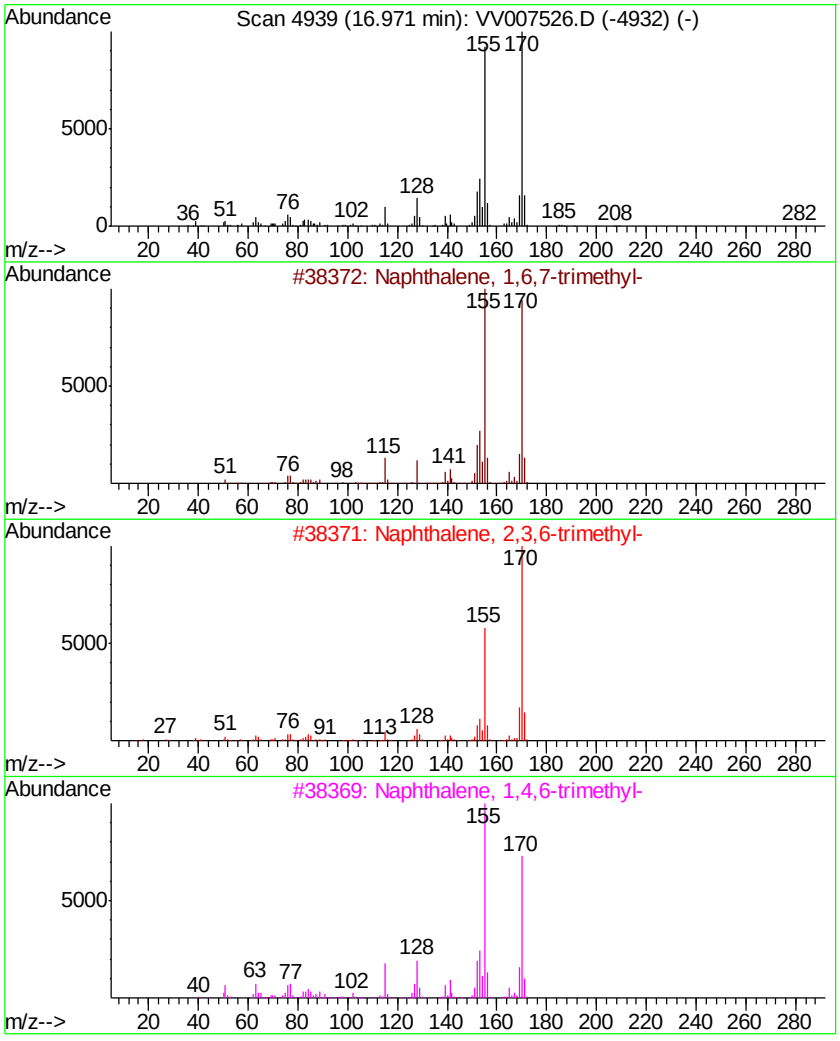
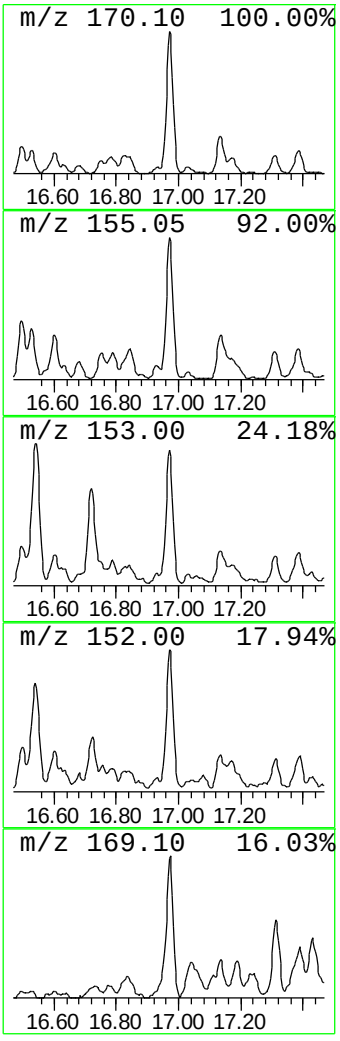
Peak Number 44 Naphthalene, 1,6,7-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	2.23 ug/L	200340	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
Data File : VV007526.D
Acq On : 13 Sep 2018 22:52
Operator : SY/MD
Sample : J4864-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

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

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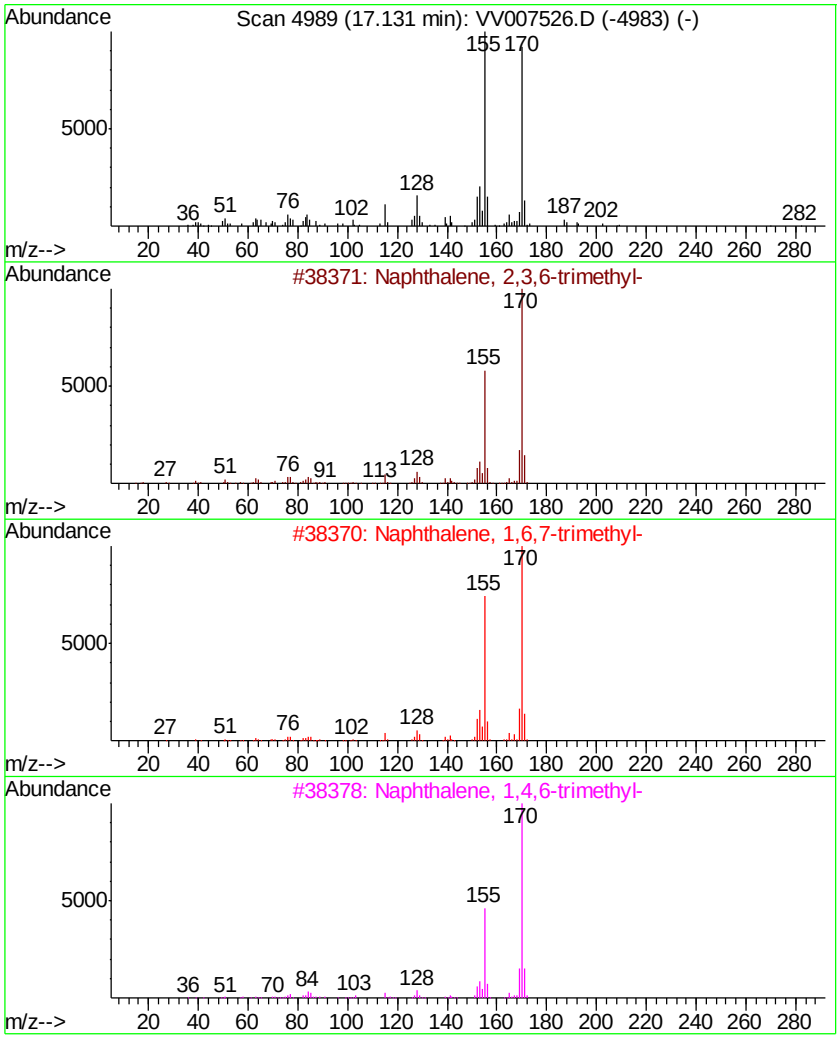
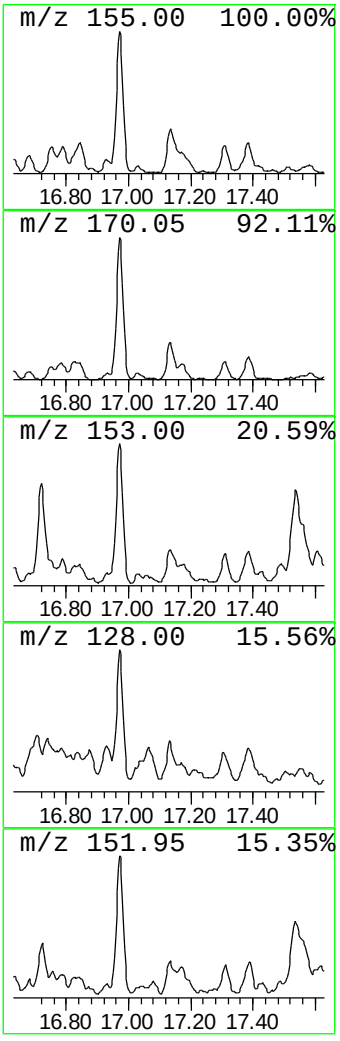
Peak Number 45 Naphthalene, 2,3,6-trimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	0.58 ug/L	51969	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
Data File : VV007526.D
Acq On : 13 Sep 2018 22:52
Operator : SY/MD
Sample : J4864-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

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

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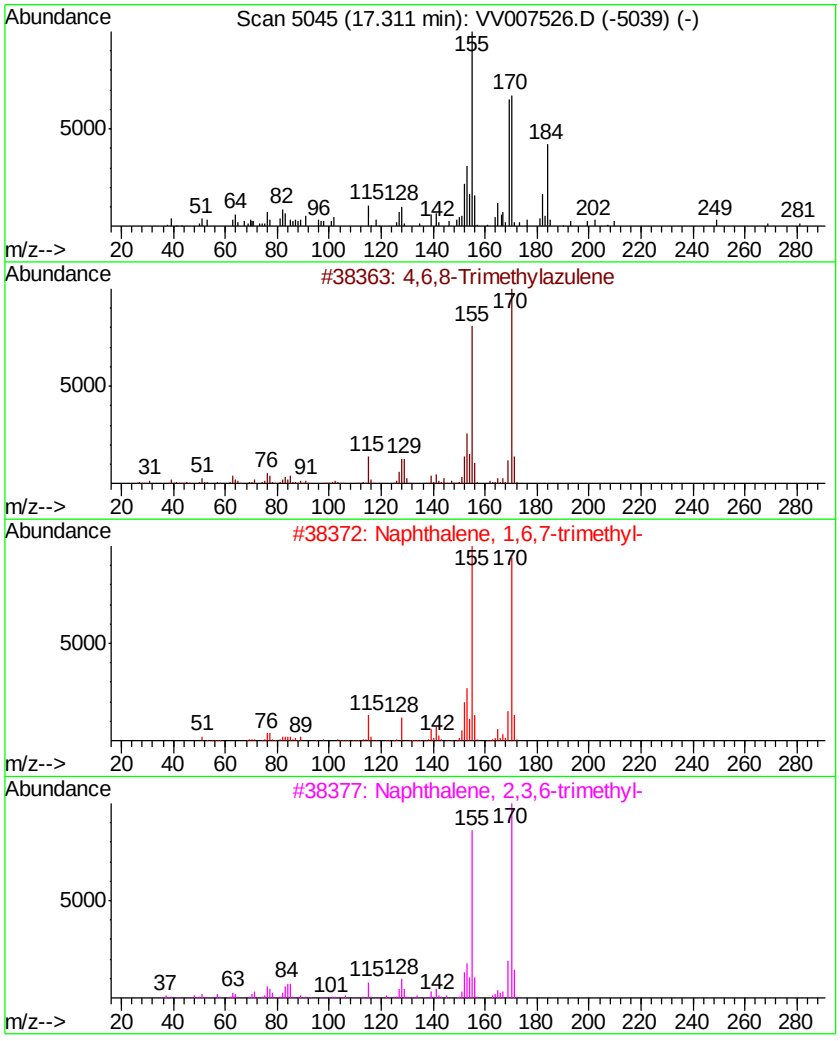
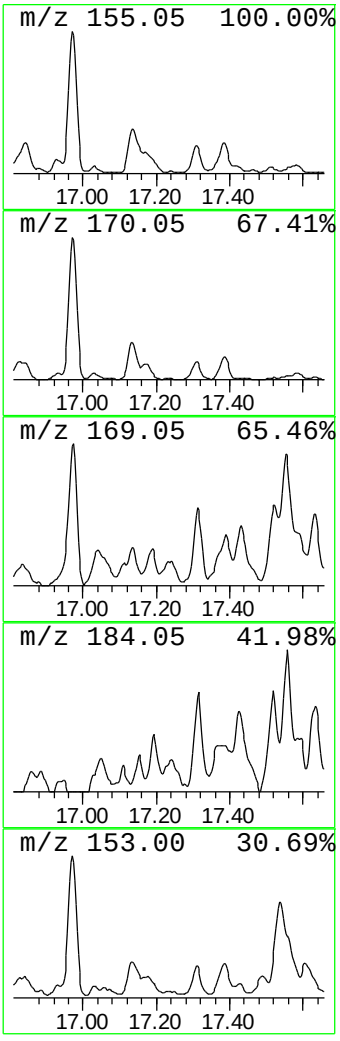
Peak Number 46 4,6,8-Trimethylazulene Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.31	0.55 ug/L	49671	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	78
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	58
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
Data File : VV007526.D
Acq On : 13 Sep 2018 22:52
Operator : SY/MD
Sample : J4864-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
Quant Title : TRACE VOA SOM01.0

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	11.58	0.8	ug/L	75723	3	11.30	448809	5.0
Indan, 1-methyl-	12.17	0.6	ug/L	56935	3	11.30	448809	5.0
Benzene, 1,2,4,5-...	12.46	1.2	ug/L	110338	3	11.30	448809	5.0
Benzene, (3-methy...	12.60	0.7	ug/L	58133	3	11.30	448809	5.0
Benzene, (2-methy...	12.74	1.7	ug/L	151380	3	11.30	448809	5.0
Benzene, 2,4-dime...	13.09	0.5	ug/L	46413	3	11.30	448809	5.0
Benzene, pentamet...	13.32	1.4	ug/L	127885	3	11.30	448809	5.0
Naphthalene, 1,2,...	13.67	4.1	ug/L	371192	3	11.30	448809	5.0
1H-Indene, 2,3-di...	13.76	4.9	ug/L	441373	3	11.30	448809	5.0
Benzene, 4-(2-but...	13.83	0.6	ug/L	57554	3	11.30	448809	5.0
1H-Indene, 2,3-di...	14.14	3.8	ug/L	342851	3	11.30	448809	5.0
Naphthalene, 1,2,...	14.41	1.1	ug/L	96659	3	11.30	448809	5.0
unknown-01	14.63	0.5	ug/L	45920	3	11.30	448809	5.0
Naphthalene, 2-et...	14.82	1.0	ug/L	91987	3	11.30	448809	5.0
unknown-02	14.88	1.4	ug/L	129366	3	11.30	448809	5.0
Naphthalene, 1,2,...	14.97	1.6	ug/L	141603	3	11.30	448809	5.0
1H-Indene, 2,3-di...	15.40	4.4	ug/L	397155	3	11.30	448809	5.0
1,1'-Biphenyl, 2-...	15.48	1.6	ug/L	145722	3	11.30	448809	5.0
Naphthalene, 1-et...	15.64	2.6	ug/L	233008	3	11.30	448809	5.0
unknown-03	15.98	0.5	ug/L	48512	3	11.30	448809	5.0
Naphthalene, 1,4-...	16.06	1.3	ug/L	112873	3	11.30	448809	5.0
Naphthalene, 1,5-...	16.10	1.8	ug/L	158590	3	11.30	448809	5.0
Naphthalene, 2,3-...	16.24	0.6	ug/L	56873	3	11.30	448809	5.0
2,2'-Dimethylbiph...	16.29	0.6	ug/L	50548	3	11.30	448809	5.0
1-But-3-enylnapht...	16.41	0.8	ug/L	70781	3	11.30	448809	5.0
Naphthalene, 1,4,...	16.50	0.5	ug/L	45571	3	11.30	448809	5.0
Naphthalene, 2-(1...	16.60	0.5	ug/L	45679	3	11.30	448809	5.0
Naphthalene, 1,6,...	16.97	2.2	ug/L	200340	3	11.30	448809	5.0
Naphthalene, 2,3,...	17.13	0.6	ug/L	51969	3	11.30	448809	5.0
4,6,8-Trimethylaz...	17.31	0.6	ug/L	49671	3	11.30	448809	5.0