LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091618\
Data File : VU026777.D
Acq On : 15 Sep 2018 14:57
Operator : MD/SY
Sample : J4864-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
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_U\METHOD\SOMUTR091618WMA.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	1.395	58	69	83	rBV3	85809	109175	6.57%	0.916%
2	1.518	101	107	116	rVB	19419	21561	1.30%	0.181%
3	1.682	151	158	174	rVB	54736	71152	4.28%	0.597%
4	2.273	331	342	357	rBV2	122788	200399	12.06%	1.682%
5	2.376	357	374	391	rVV5	5427	17478	1.05%	0.147%
6	2.479	397	406	416	rVB2	10961	17649	1.06%	0.148%
7	2.701	466	475	492	rVB	23920	44539	2.68%	0.374%
8	4.228	933	950	964	rBV2	82627	262822	15.82%	2.206%
9	4.649	1063	1081	1103	rBV	79924	188373	11.34%	1.581%
10	4.913	1148	1163	1180	rBV2	40765	94863	5.71%	0.796%
11	5.334	1274	1294	1314	rBV2	176359	456826	27.50%	3.834%
12	5.884	1452	1465	1483	rVB	163042	307520	18.51%	2.581%
13	6.183	1542	1558	1587	rBV	874792	1661435	100.00%	13.943%
14	6.334	1591	1605	1618	rVV	105959	210968	12.70%	1.770%
15	6.405	1618	1627	1638	rVB4	9012	19346	1.16%	0.162%
16	7.231	1872	1884	1901	rBV	54174	97143	5.85%	0.815%
17	7.566	1977	1988	2001	rVV	213559	370127	22.28%	3.106%
18	7.636	2001	2010	2023	rVV	10655	18681	1.12%	0.157%
19	7.852	2064	2077	2088	rBV	33353	55475	3.34%	0.466%
20	8.225	2186	2193	2205	rVB	11560	18998	1.14%	0.159%
21	8.328	2213	2225	2252	rBV	218064	396231	23.85%	3.325%
22	9.093	2444	2463	2481	rBV	203637	339268	20.42%	2.847%
23	9.250	2503	2512	2525	rBV	14581	22488	1.35%	0.189%
24	9.373	2540	2550	2565	rBV	56575	92439	5.56%	0.776%
25	9.781	2664	2677	2692	rVB	20998	34613	2.08%	0.290%
26	10.437	2870	2881	2893	rVB	79217	125507	7.55%	1.053%
27	11.485	3195	3207	3223	rBV	231280	377532	22.72%	3.168%
28	11.768	3280	3295	3311	rBV4	26308	58921	3.55%	0.494%
29	11.861	3311	3324	3341	rBV	215730	359034	21.61%	3.013%
30	11.983	3351	3362	3372	rBV2	20026	30987	1.87%	0.260%
31	12.356	3469	3478	3486	rBV2	22759	38614	2.32%	0.324%
32	12.540	3525	3535	3540	rBV	15010	24331	1.46%	0.204%
33	12.569	3540	3544	3553	rVB3	17183	22460	1.35%	0.188%
34	12.652	3563	3570	3582	rVB	50812	80382	4.84%	0.675%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091618\
Data File : VU026777.D
Acq On : 15 Sep 2018 14:57
Operator : MD/SY
Sample : J4864-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
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_U\METHOD\SOMUTR091618WMA.M
Title : TRACE VOA SOM01.0

35	12.790	3603	3613	3625	rVB3	29344	45430	2.73%	0.381%
36	12.929	3630	3656	3665	rBV3	52245	119610	7.20%	1.004%
37	12.999	3672	3678	3685	rVB	20711	29161	1.76%	0.245%
38	13.199	3732	3740	3748	rVB4	15247	23427	1.41%	0.197%
39	13.269	3748	3762	3769	rBV7	12172	28283	1.70%	0.237%
40	13.414	3794	3807	3813	rBV8	14653	31879	1.92%	0.268%
41	13.456	3813	3820	3828	rVB	32460	49392	2.97%	0.415%
42	13.511	3828	3837	3844	rBV2	65850	98489	5.93%	0.827%
43	13.581	3844	3859	3875	rVV2	79470	195881	11.79%	1.644%
44	13.736	3894	3907	3916	rBV6	24082	50833	3.06%	0.427%
45	13.787	3916	3923	3928	rBV5	16761	25668	1.54%	0.215%
46	13.858	3935	3945	3958	rVB	232993	361734	21.77%	3.036%
47	13.951	3958	3974	3987	rBV2	244083	426770	25.69%	3.582%
48	14.019	3988	3995	4005	rVB5	31763	53529	3.22%	0.449%
49	14.150	4026	4036	4044	rBV	33971	65811	3.96%	0.552%
50	14.273	4063	4074	4083	rVB6	18648	46446	2.80%	0.390%
51	14.334	4083	4093	4107	rBV2	144328	321507	19.35%	2.698%
52	14.475	4128	4137	4146	rBV2	100975	163080	9.82%	1.369%
53	14.543	4148	4158	4170	rVB4	114047	229204	13.80%	1.924%
54	14.607	4170	4178	4192	rVB3	47970	79473	4.78%	0.667%
55	14.694	4193	4205	4215	rBV4	90198	182733	11.00%	1.534%
56	14.749	4217	4222	4228	rVB3	19631	23409	1.41%	0.196%
57	14.819	4237	4244	4249	rBV3	23223	34000	2.05%	0.285%
58	14.864	4249	4258	4263	rBV	148151	241276	14.52%	2.025%
59	14.935	4272	4280	4294	rVB3	147698	272322	16.39%	2.285%
60	15.012	4295	4304	4311	rBV3	45228	76411	4.60%	0.641%
61	15.073	4312	4323	4332	rVV3	49684	133710	8.05%	1.122%
62	15.128	4332	4340	4345	rVV2	74066	130544	7.86%	1.096%
63	15.163	4347	4351	4365	rVV3	78913	132152	7.95%	1.109%
64	15.257	4367	4380	4390	rVB8	41545	100619	6.06%	0.844%
65	15.427	4417	4433	4442	rBV7	30131	71659	4.31%	0.601%
66	15.591	4469	4484	4499	rVB3	141077	338542	20.38%	2.841%
67	15.671	4499	4509	4525	rBV4	67576	124604	7.50%	1.046%
68	15.752	4526	4534	4544	rVB7	19074	32988	1.99%	0.277%
69	15.835	4544	4560	4571	rBV3	103227	229779	13.83%	1.928%
70	15.925	4582	4588	4595	rBV5	32430	48917	2.94%	0.411%
71	16.067	4624	4632	4638	rBV7	38691	62443	3.76%	0.524%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091618\
Data File : VU026777.D
Acq On : 15 Sep 2018 14:57
Operator : MD/SY
Sample : J4864-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
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_U\METHOD\SOMUTR091618WMA.M
Title : TRACE VOA SOM01.0

72	16.179	4659	4667	4678	rBV3	28105	53646	3.23%	0.450%
73	16.260	4685	4692	4698	rBV3	66336	99684	6.00%	0.837%
74	16.295	4698	4703	4719	rVB4	83080	153029	9.21%	1.284%
75	16.433	4740	4746	4754	rBV2	32895	44853	2.70%	0.376%
76	16.478	4755	4760	4771	rVB4	29274	47163	2.84%	0.396%
77	16.604	4793	4799	4814	rVB4	33404	63800	3.84%	0.535%
78	16.694	4820	4827	4830	rBV2	25781	35716	2.15%	0.300%
79	16.726	4832	4837	4850	rVB5	49956	93405	5.62%	0.784%
80	16.797	4853	4859	4866	rBV2	21062	26109	1.57%	0.219%
81	17.131	4956	4963	4966	rBV6	17244	23488	1.41%	0.197%
82	17.170	4967	4975	4987	rVB	119334	188436	11.34%	1.581%
83	17.340	5020	5028	5039	rBV3	28145	70358	4.23%	0.590%
84	17.523	5077	5085	5095	rVB3	26957	46509	2.80%	0.390%
85	17.604	5102	5110	5118	rBV	25934	40503	2.44%	0.340%

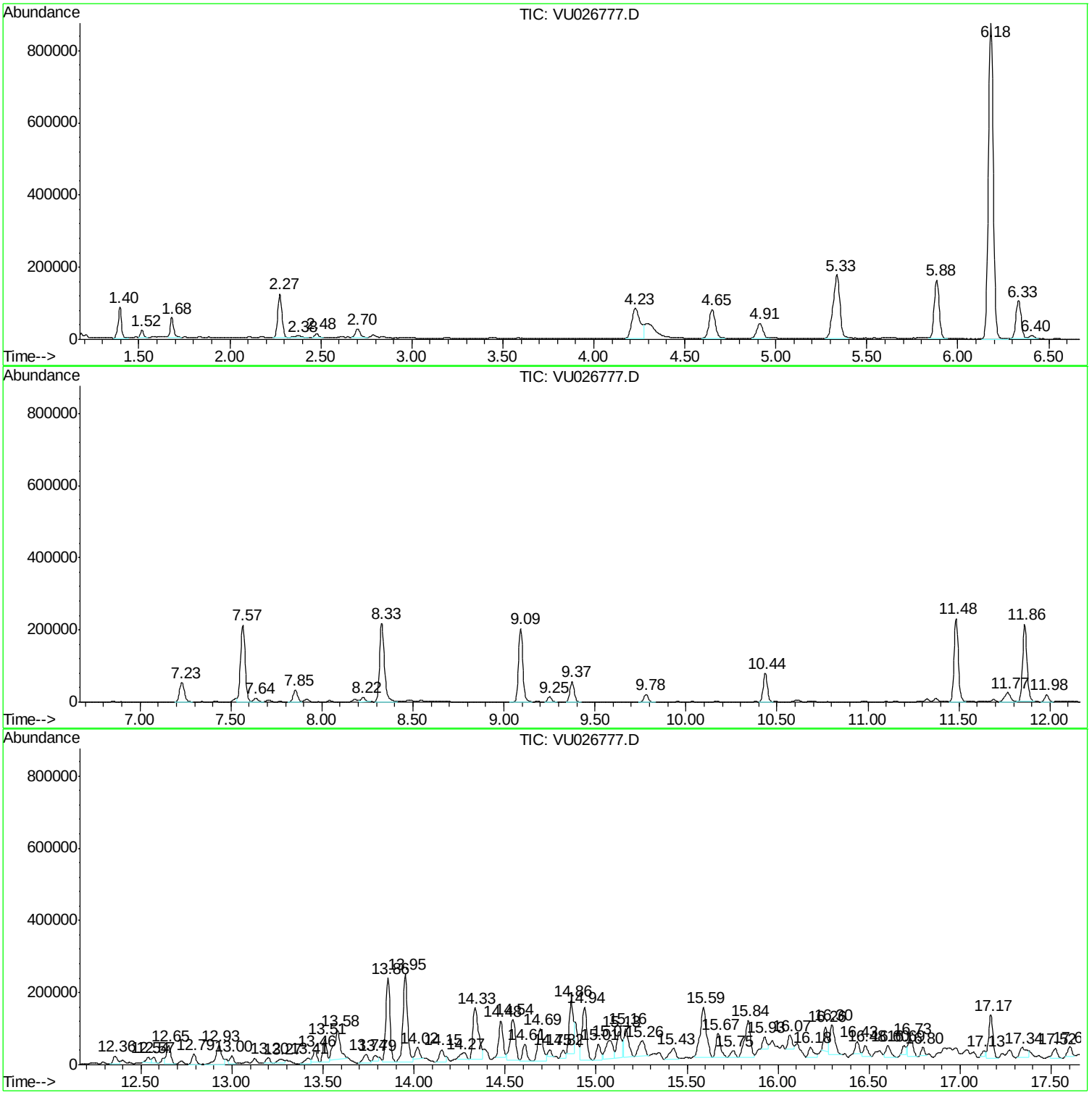
Sum of corrected areas: 11915751

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
Data File : VU026777.D
Acq On : 15 Sep 2018 14:57
Operator : MD/SY
Sample : J4864-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091618\
Data File : VU026777.D
Acq On : 15 Sep 2018 14:57
Operator : MD/SY
Sample : J4864-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0

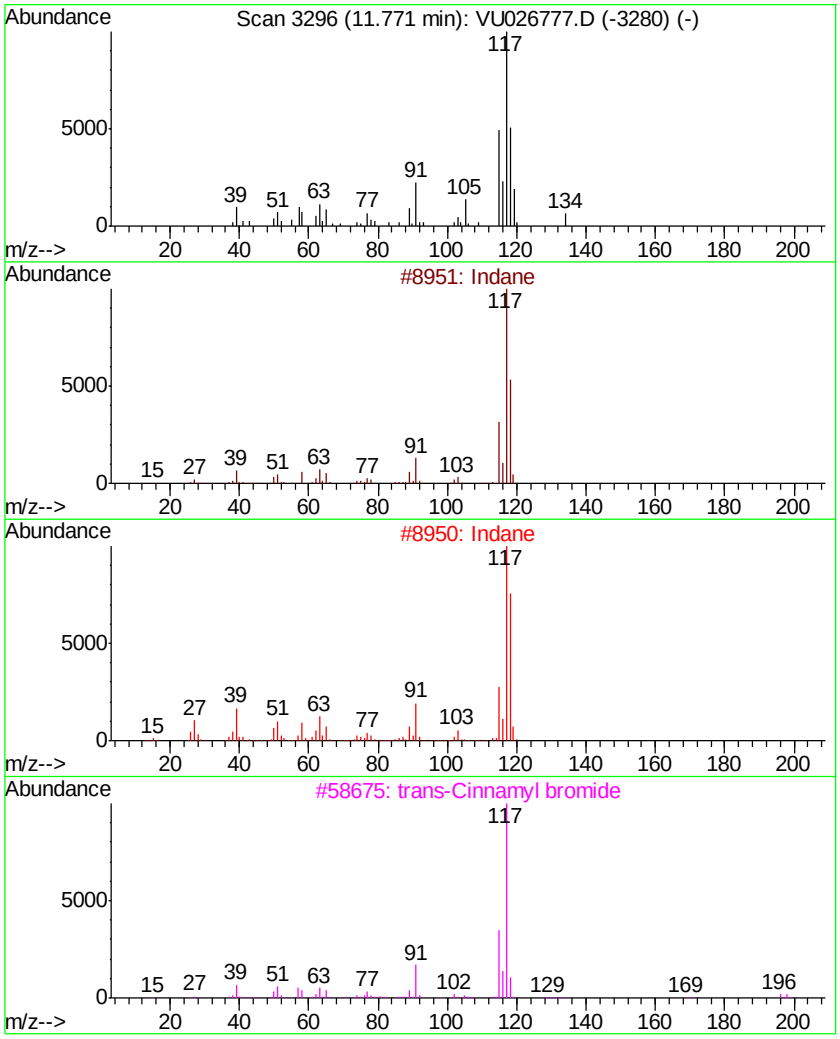
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

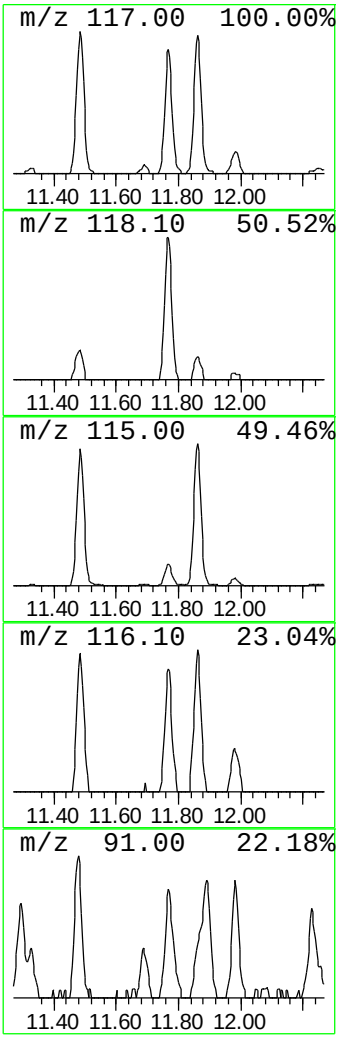
****

Peak Number 2 Indane Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	0.78 ug/L	58921	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	64
2	Indane	118	C9H10	000496-11-7	64
3	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	50
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	49
5	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091618\
Data File : VU026777.D
Acq On : 15 Sep 2018 14:57
Operator : MD/SY
Sample : J4864-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0

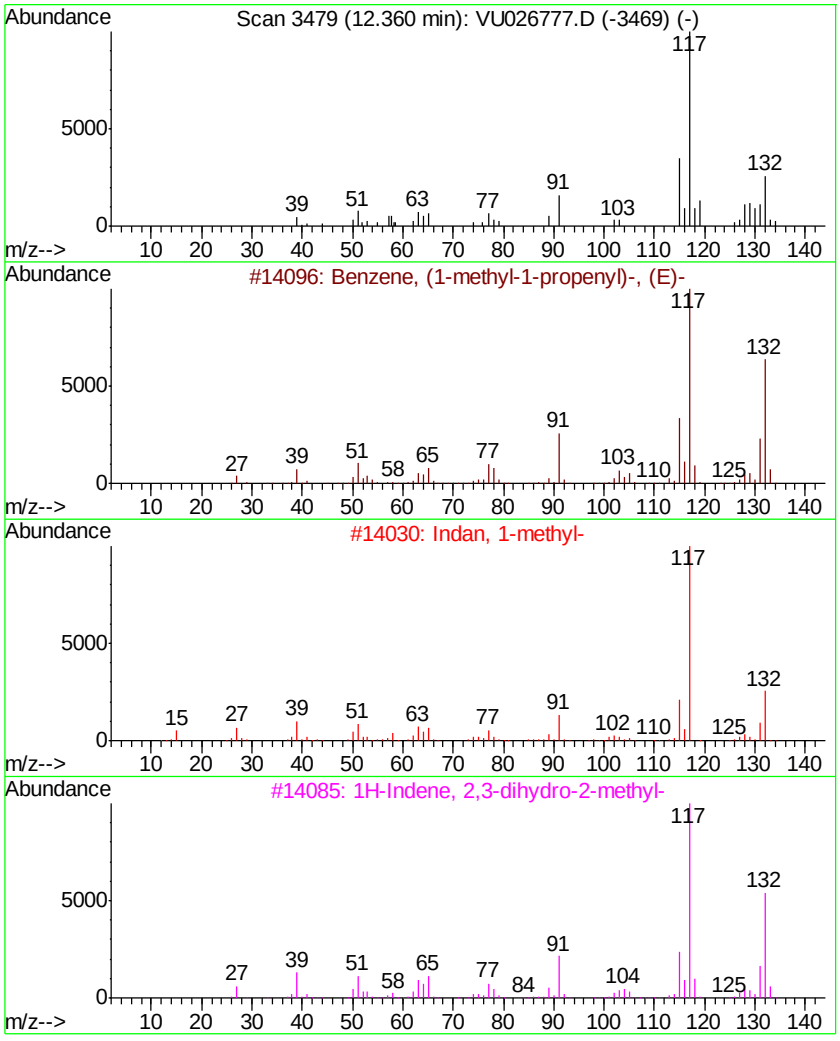
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

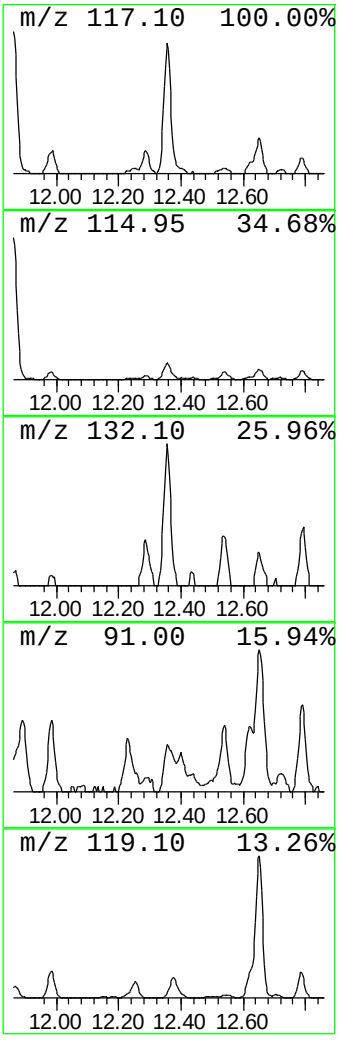
****

Peak Number 3 Benzene, (1-methyl-1-propen... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	0.51 ug/L	38614	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
2	Indan, 1-methyl-	132	C10H12	000767-58-8	81
3	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	80
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80
5	Indan, 1-methyl-	132	C10H12	000767-58-8	74





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
Data File : VU026777.D
Acq On : 15 Sep 2018 14:57
Operator : MD/SY
Sample : J4864-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0

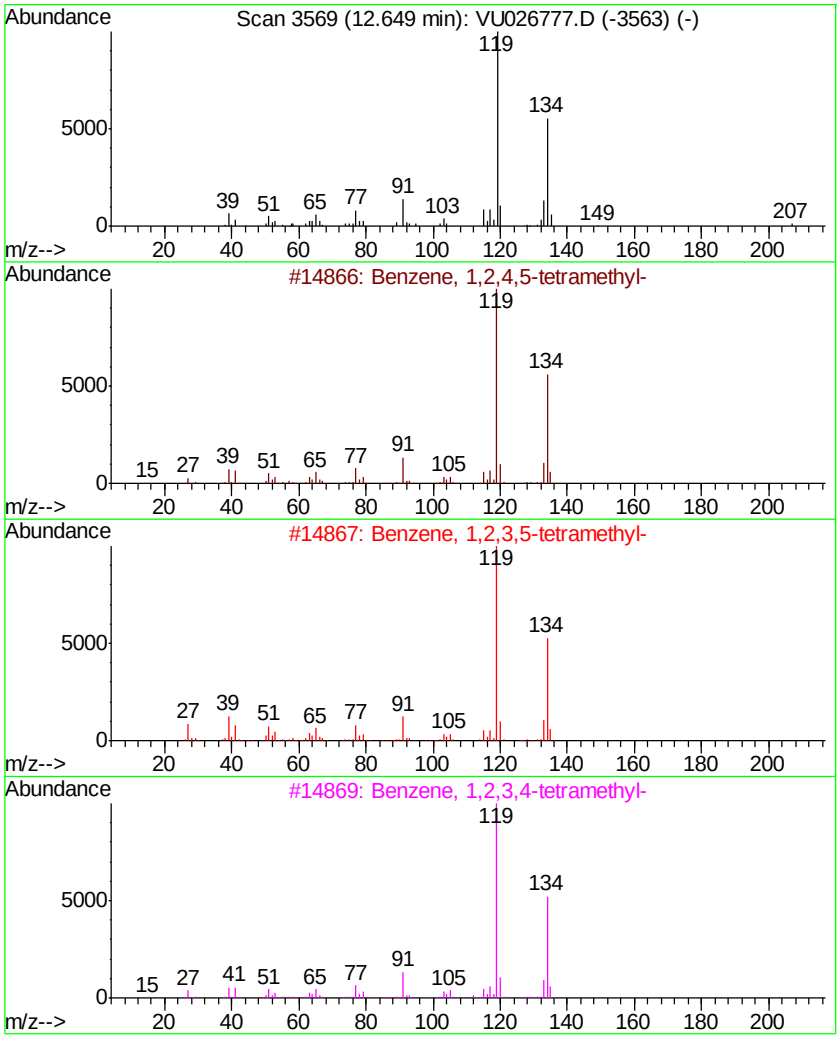
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

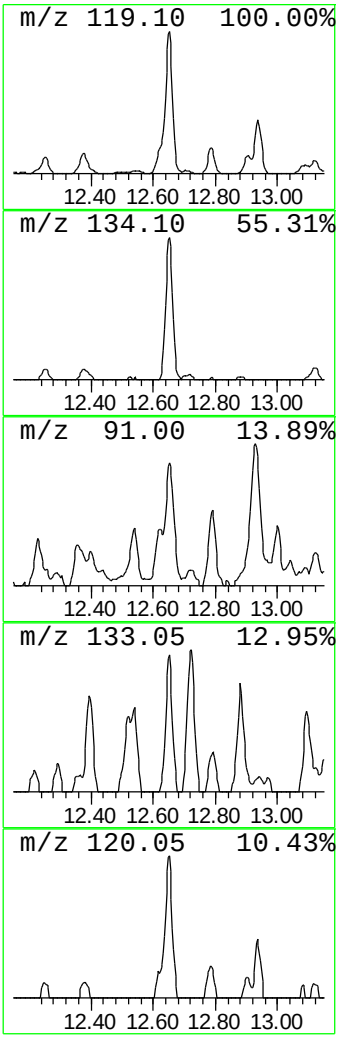
****

Peak Number 4 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	1.06 ug/L	80382	1,4-Dichlorobenzene-d4	11.48

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091618\
Data File : VU026777.D
Acq On : 15 Sep 2018 14:57
Operator : MD/SY
Sample : J4864-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0

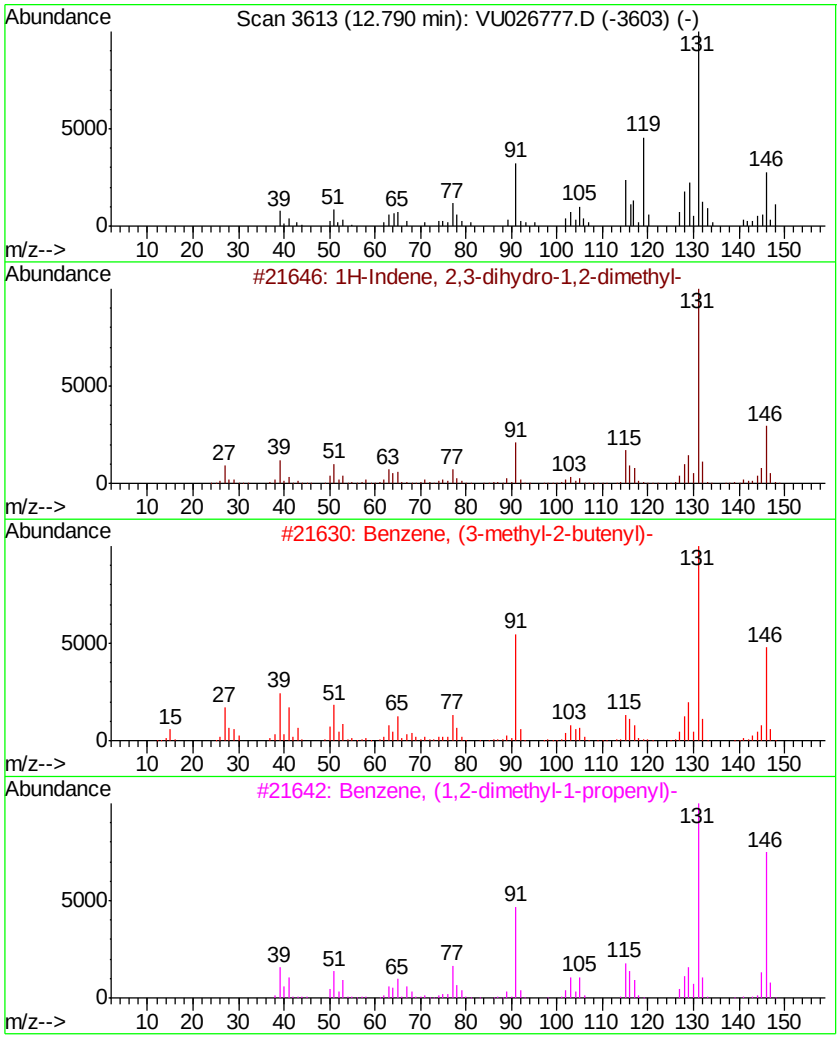
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

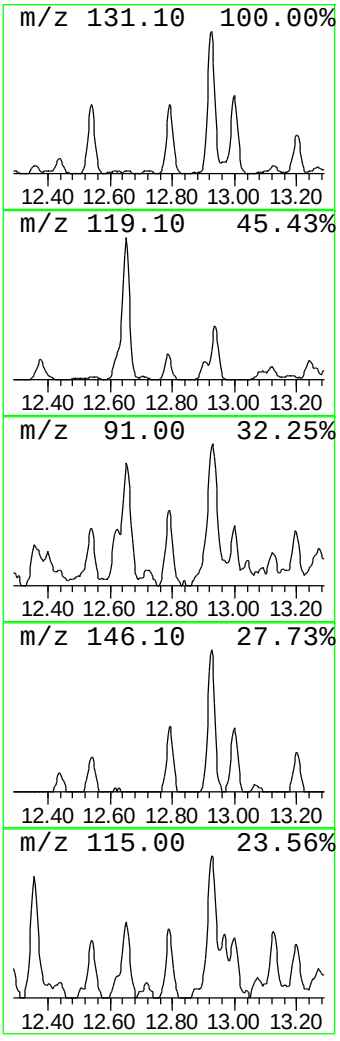
****

Peak Number 5 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	0.60 ug/L	45430	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	83
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
Data File : VU026777.D
Acq On : 15 Sep 2018 14:57
Operator : MD/SY
Sample : J4864-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0

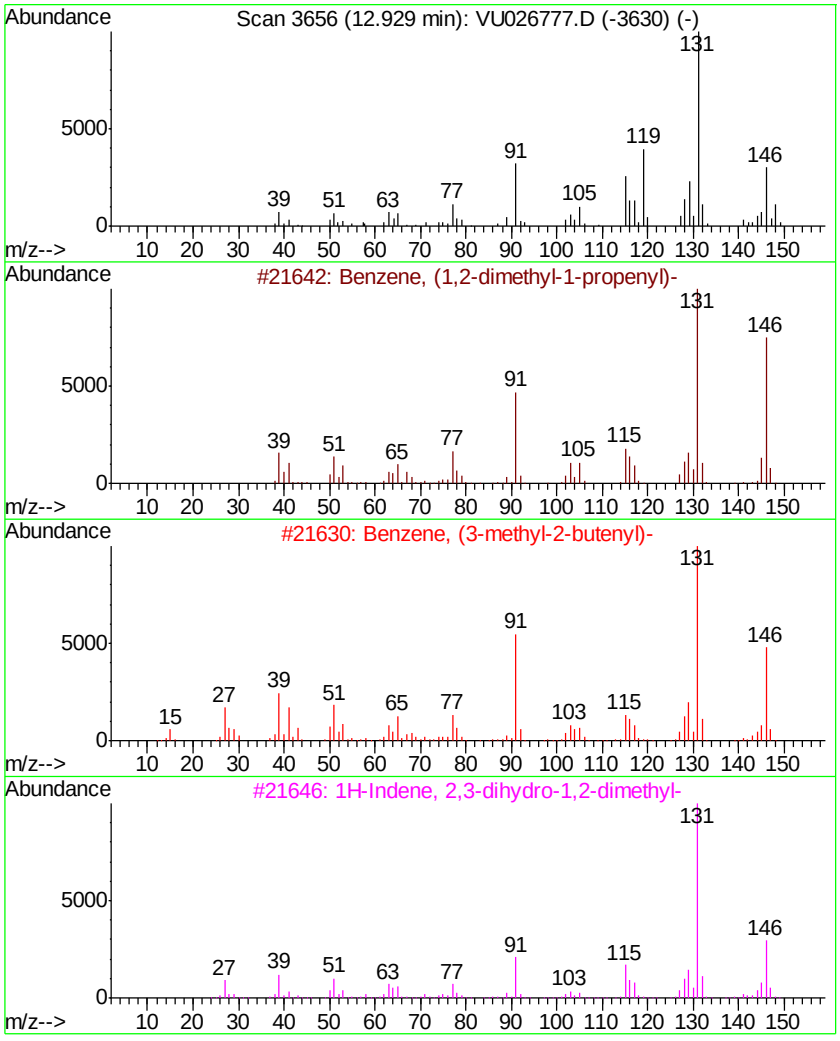
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

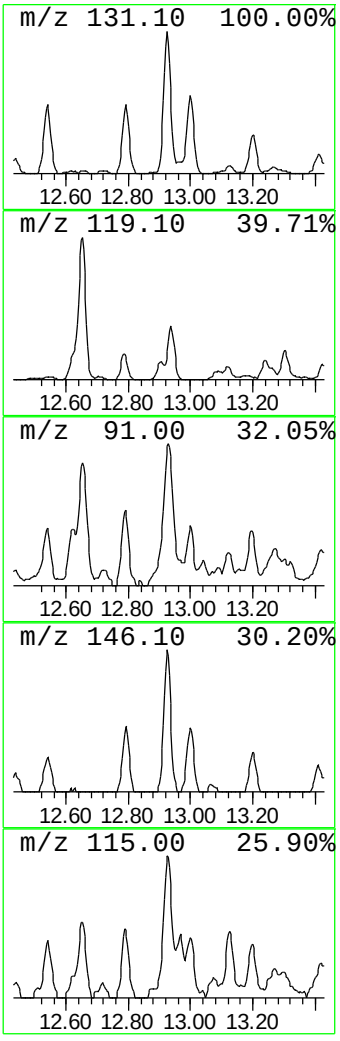
****

Peak Number 6 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	1.58 ug/L	119610	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	86
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	70
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
Data File : VU026777.D
Acq On : 15 Sep 2018 14:57
Operator : MD/SY
Sample : J4864-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0

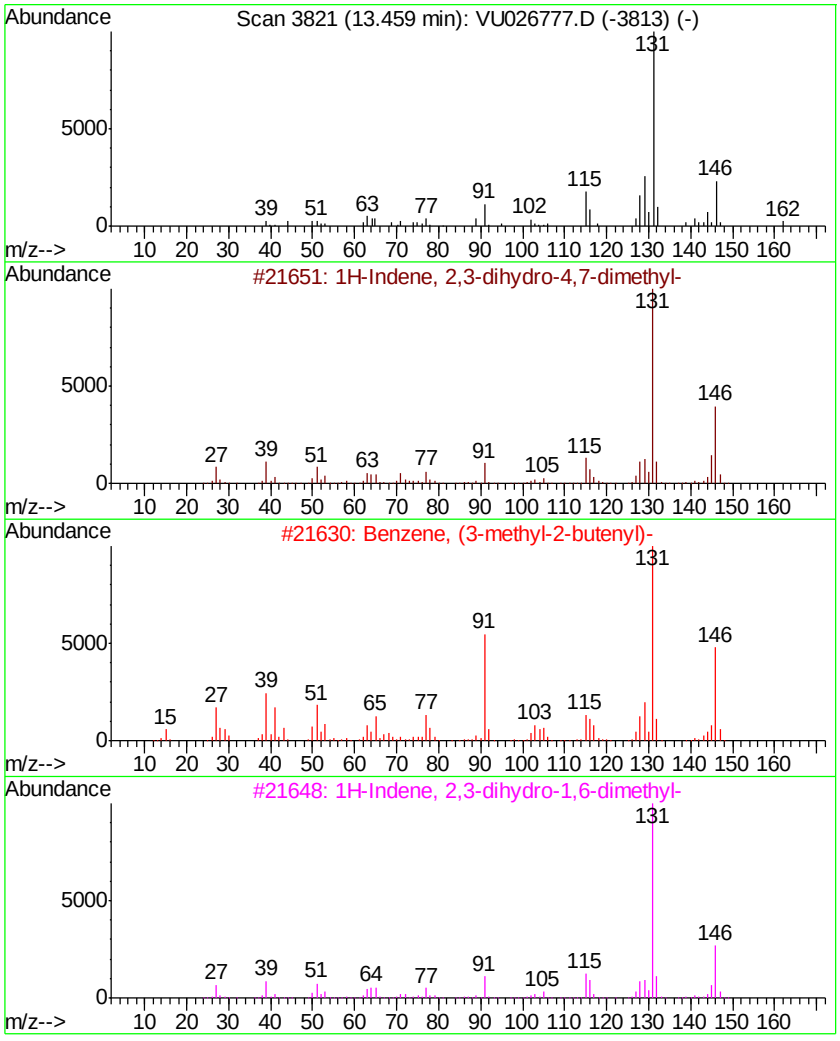
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

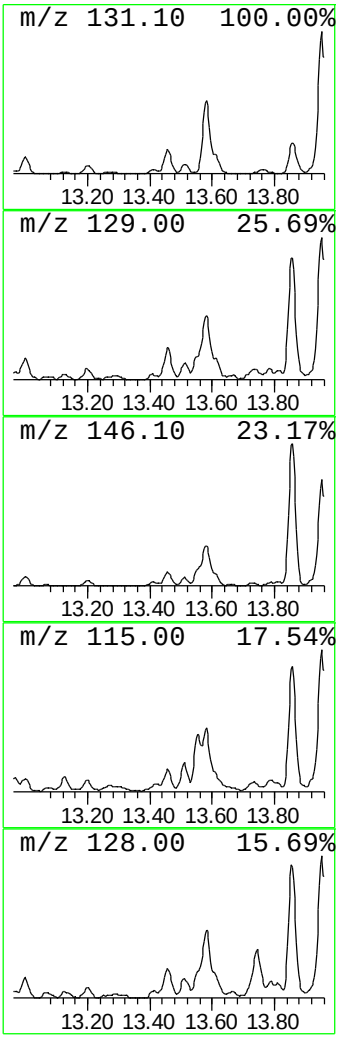
****

Peak Number 7 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	0.65 ug/L	49392	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	87
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	83
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	83
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	80





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Acq On : 15 Sep 2018 14:57
Operator : MD/SY
Sample : J4864-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0

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

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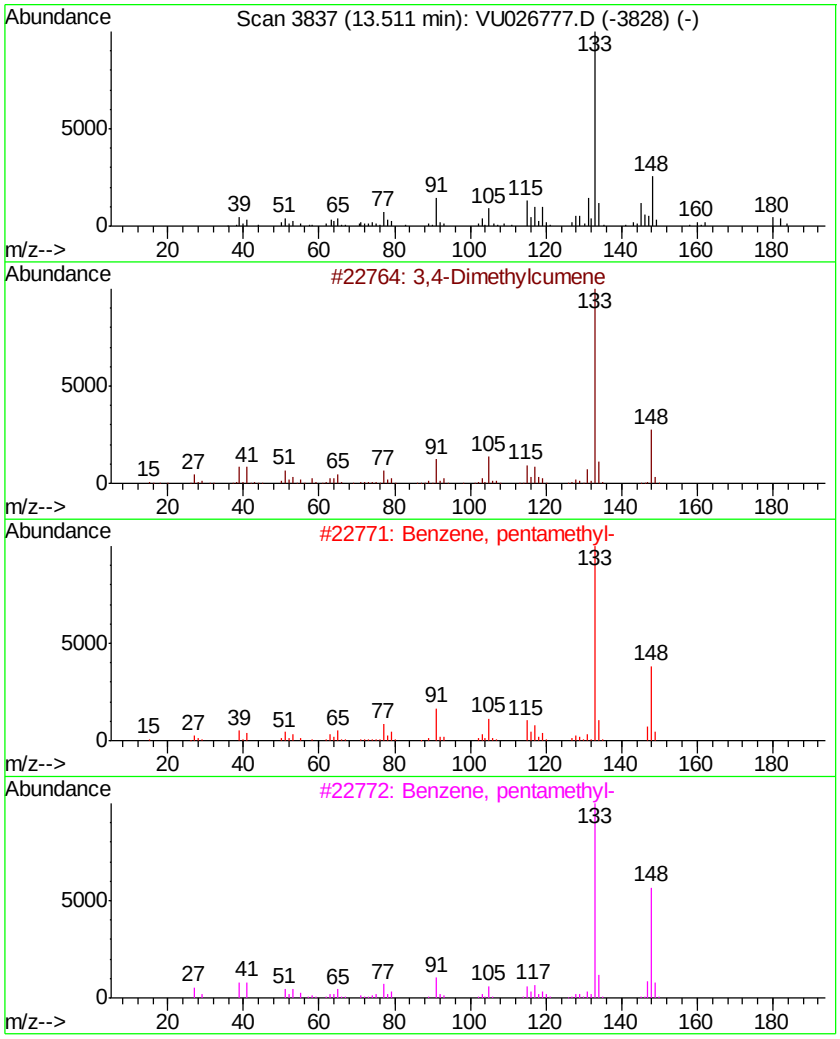
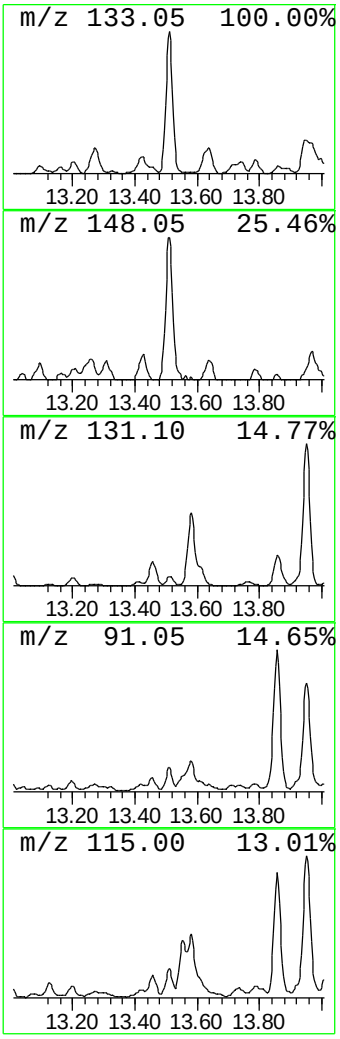
Peak Number 8 3,4-Dimethylcumene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	1.30 ug/L	98489	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylcumene	148	C11H16	1000370-34-1	81
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	76
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	76
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	74
5	6-Methyl-4-indanol	148	C10H12O	020294-32-0	72





Library Search Compound Report

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Data File : VU026777.D
Acq On : 15 Sep 2018 14:57
Operator : MD/SY
Sample : J4864-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D11

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Quant Title : TRACE VOA SOM01.0

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

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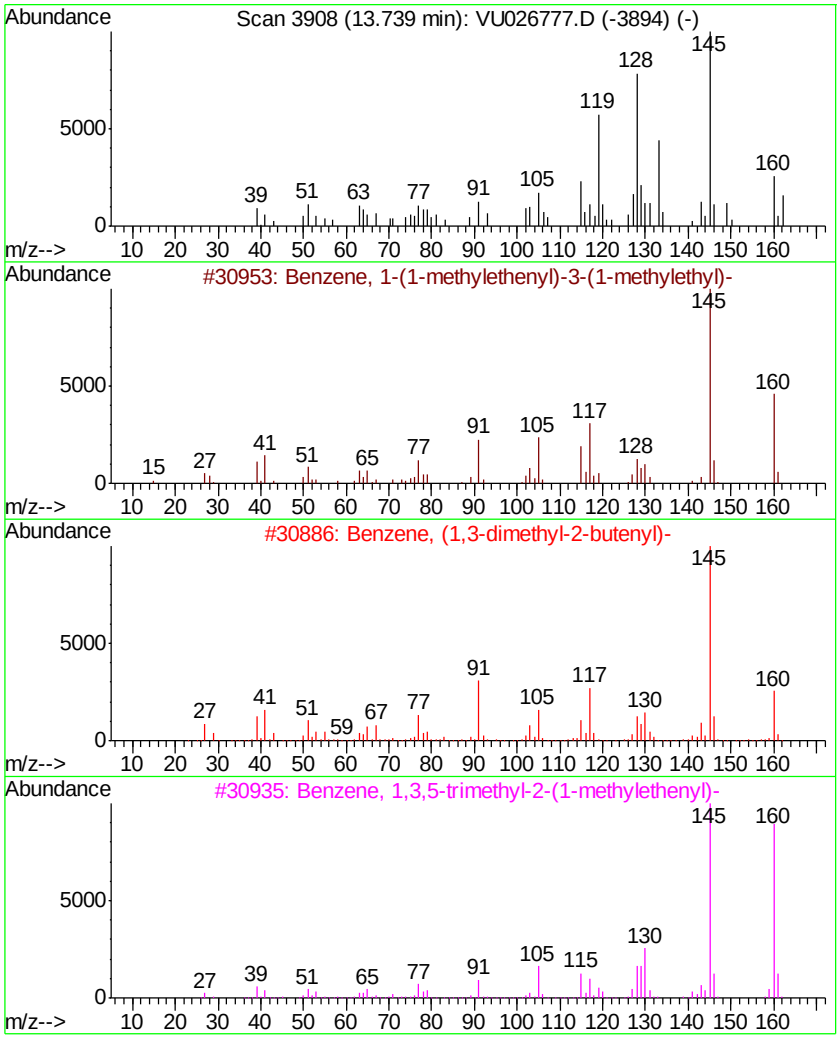
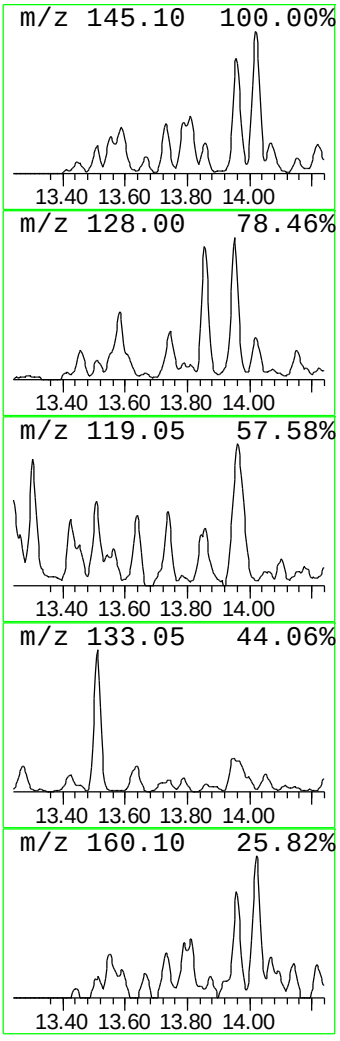
Peak Number 10 Benzene, 1-(1-methylethenyl... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	0.67 ug/L	50833	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	50
2	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	49
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	45
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	45
5	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	45





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Data File : VU026777.D
Acq On : 15 Sep 2018 14:57
Operator : MD/SY
Sample : J4864-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D11

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Quant Title : TRACE VOA SOM01.0

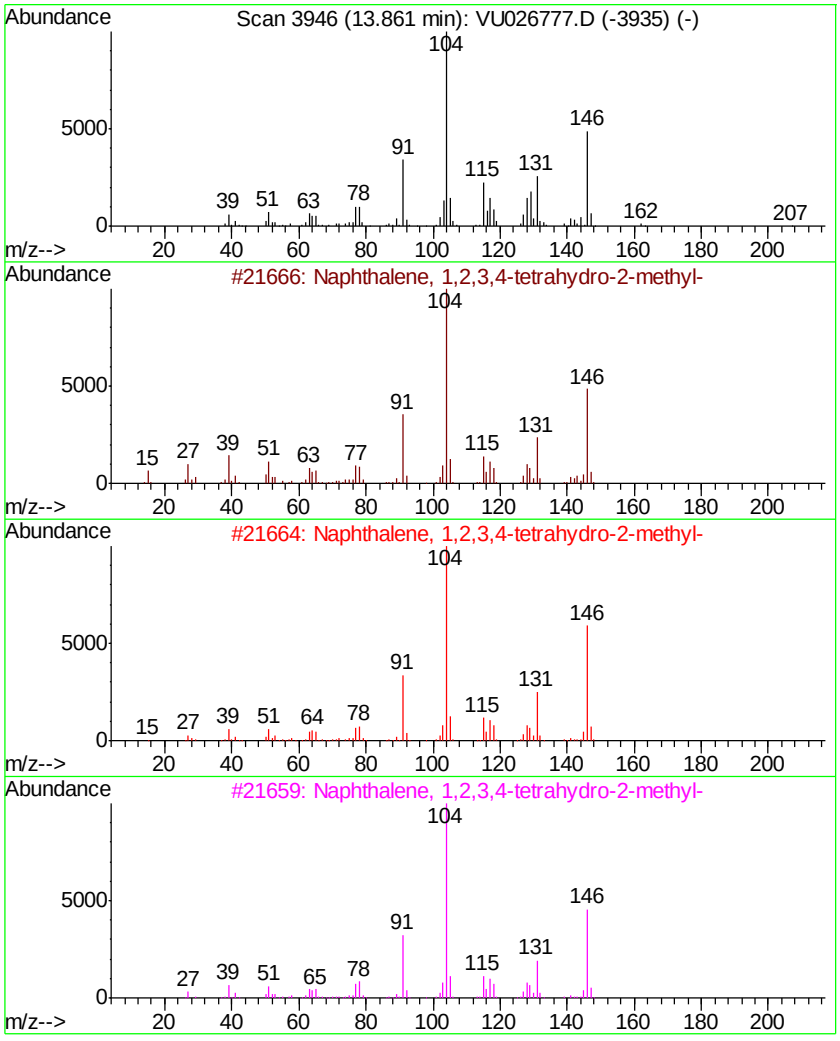
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

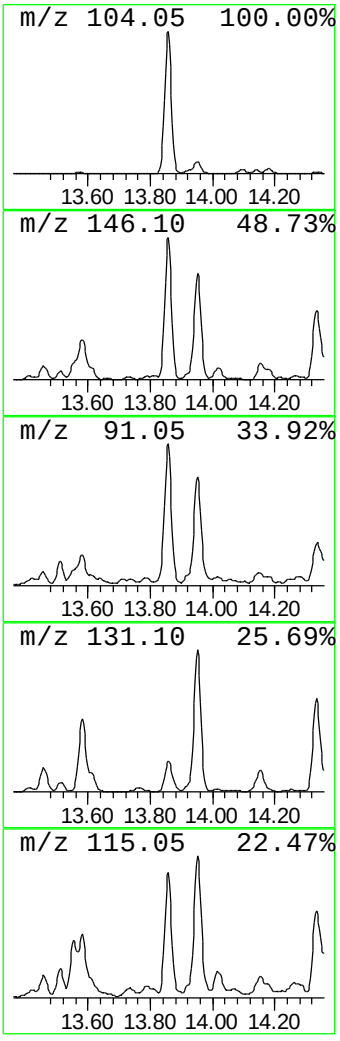
****

Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	4.79 ug/L	361734	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	87
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	81
5	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	64





Library Search Compound Report

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Data File : VU026777.D
Acq On : 15 Sep 2018 14:57
Operator : MD/SY
Sample : J4864-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D11

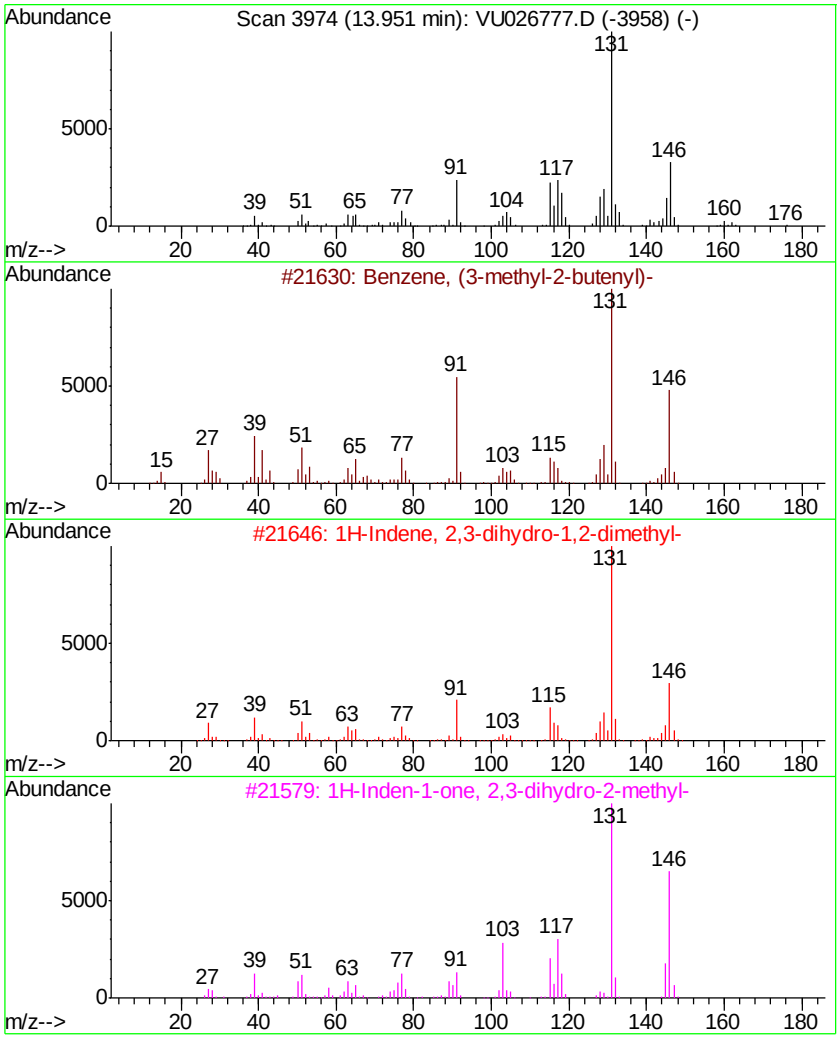
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0

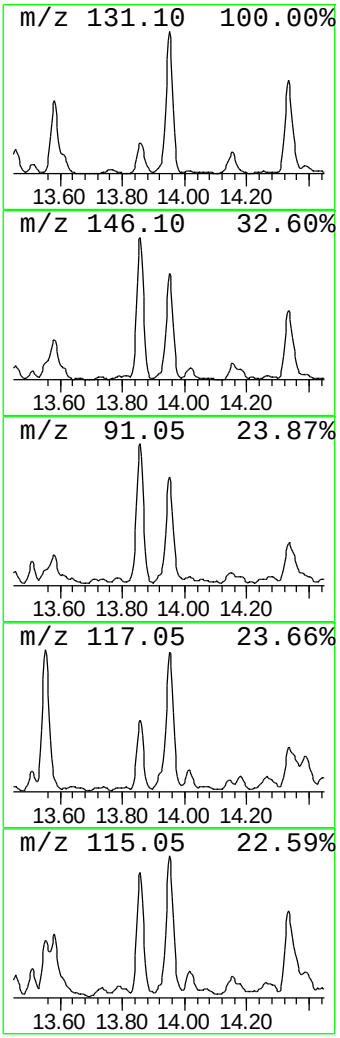
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, (3-methyl-2-butenyl)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	5.65 ug/L	426770	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	83
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	81
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	81





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Data File : VU026777.D
Acq On : 15 Sep 2018 14:57
Operator : MD/SY
Sample : J4864-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0

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

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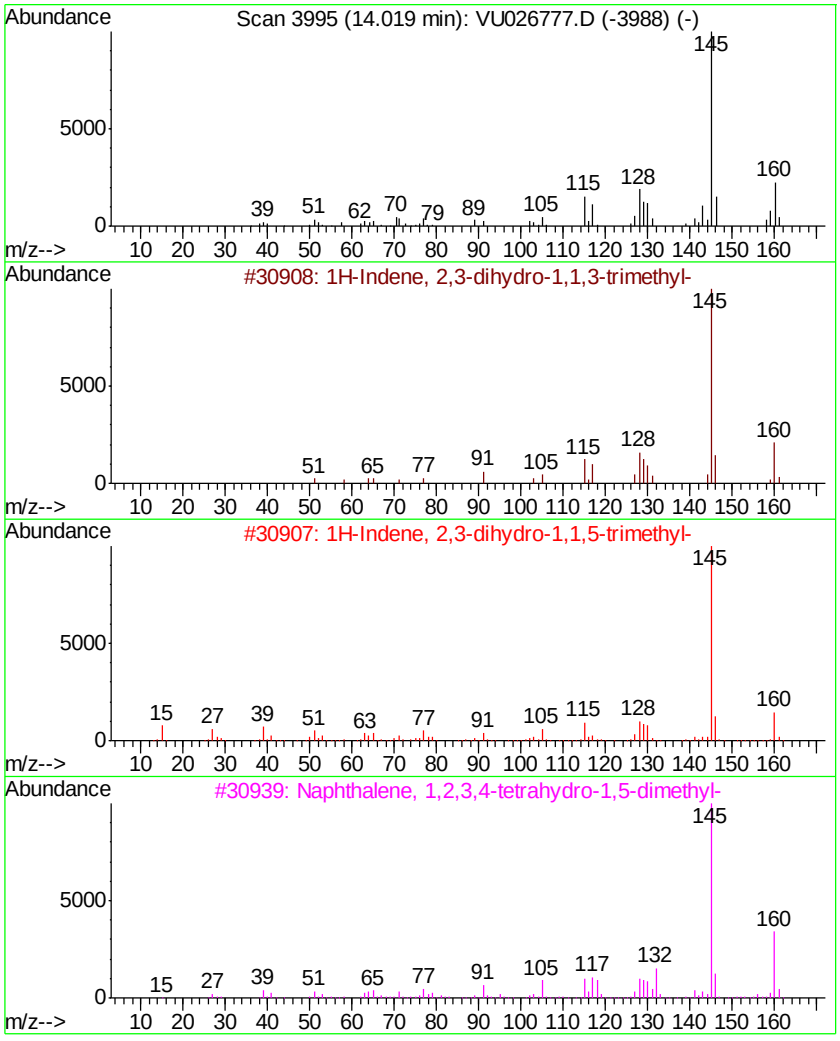
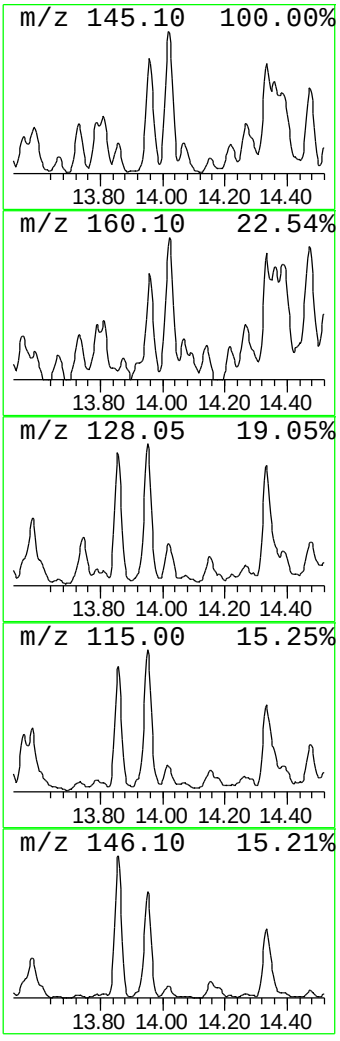
Peak Number 13 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	0.71 ug/L	53529	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	93
2	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	90
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	90
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	87
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	83





Library Search Compound Report

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Data File : VU026777.D
Acq On : 15 Sep 2018 14:57
Operator : MD/SY
Sample : J4864-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0

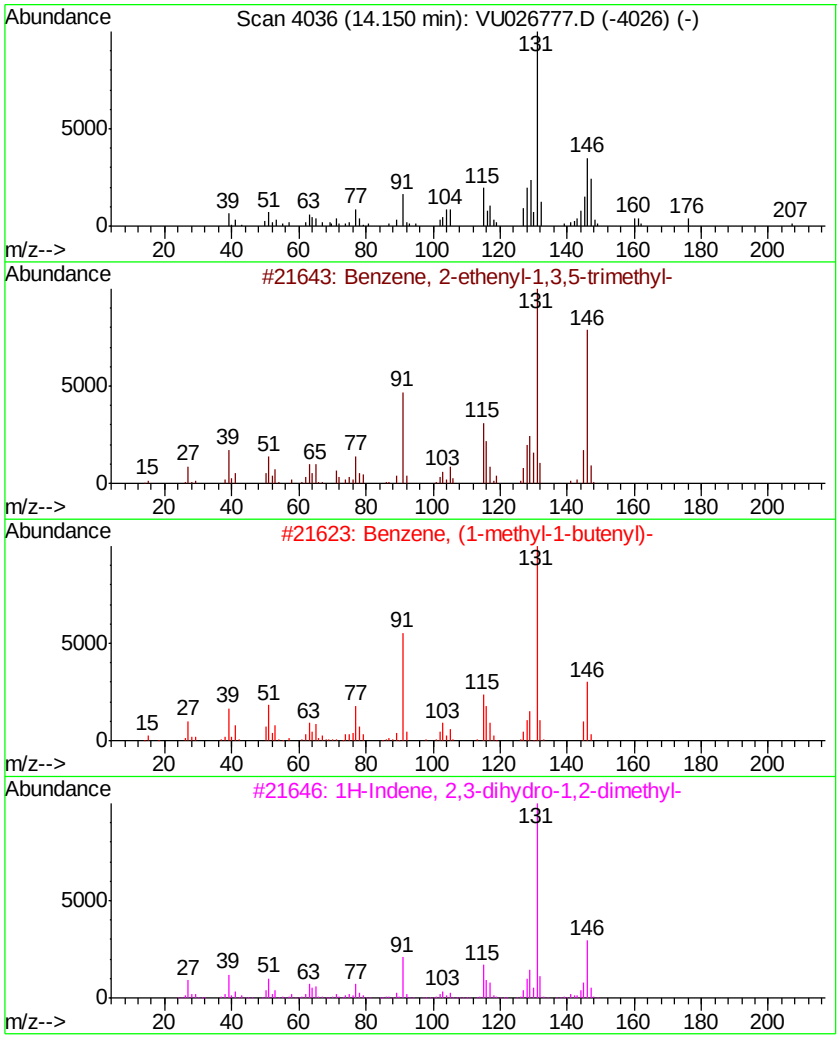
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

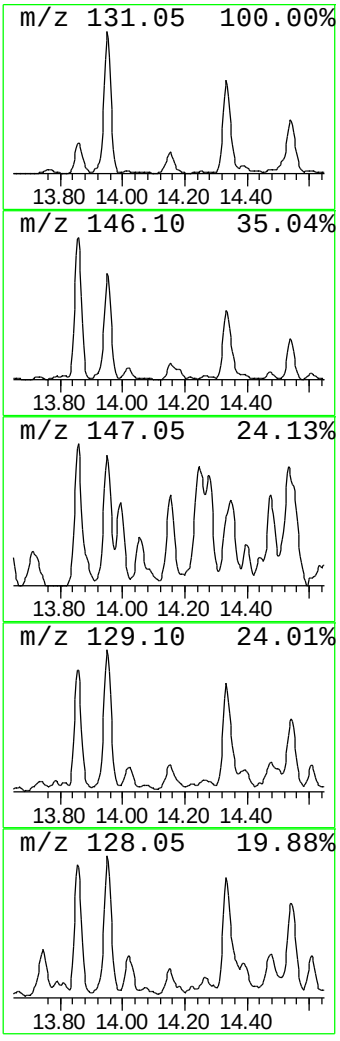
****

Peak Number 14 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	0.87 ug/L	65811	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	86
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	81
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	74





Library Search Compound Report

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Data File : VU026777.D
Acq On : 15 Sep 2018 14:57
Operator : MD/SY
Sample : J4864-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0

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

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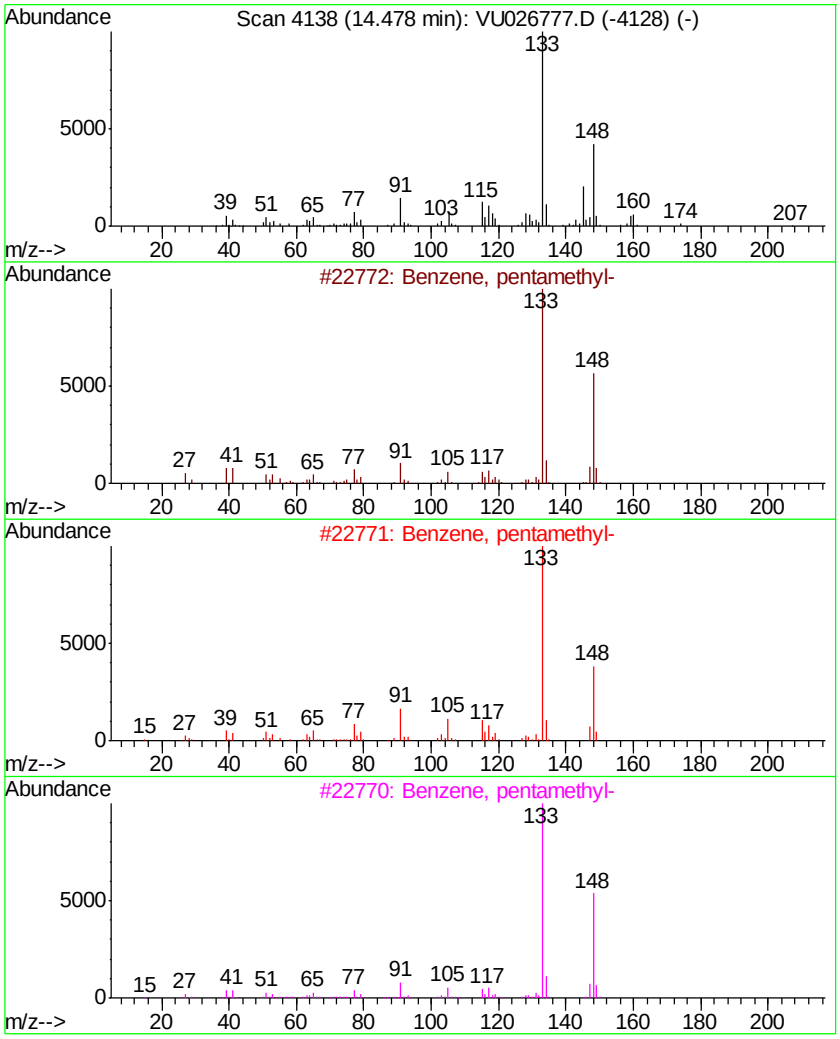
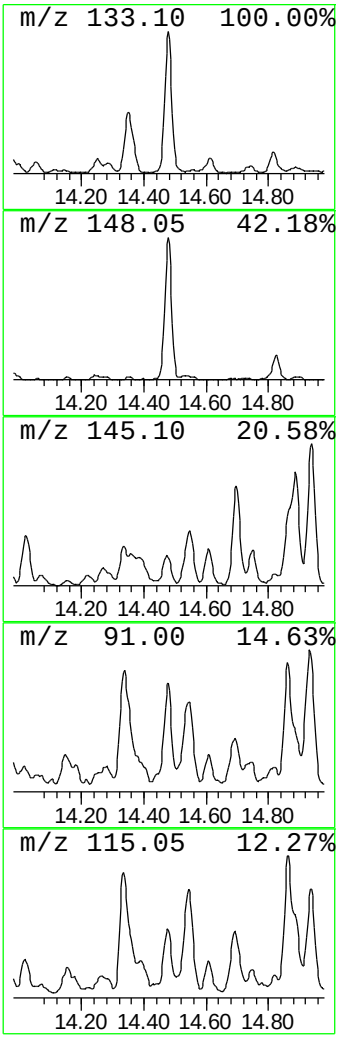
Peak Number 17 Benzene, pentamethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	2.16 ug/L	163080	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	81
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	76
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	68
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	64
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	64





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Operator : MD/SY
Sample : J4864-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0

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

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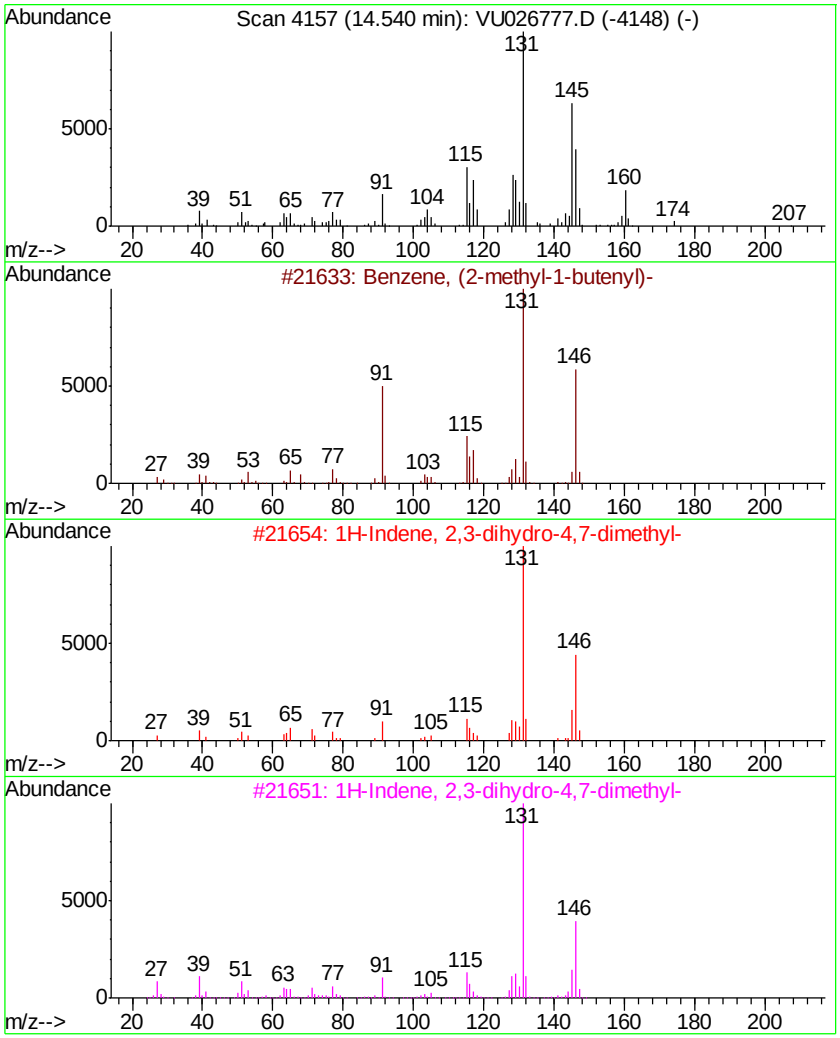
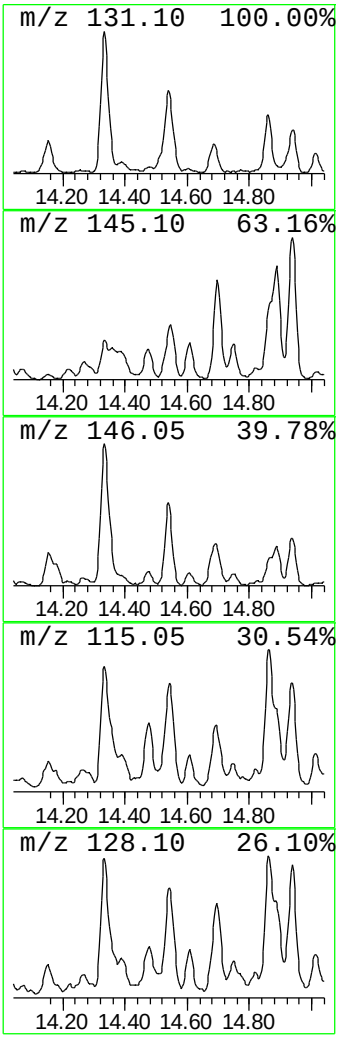
Peak Number 18 Benzene, (2-methyl-1-butenyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	3.04 ug/L	229204	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	52
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	52
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	52
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	49
5	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	49





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Data File : VU026777.D
Acq On : 15 Sep 2018 14:57
Operator : MD/SY
Sample : J4864-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0

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

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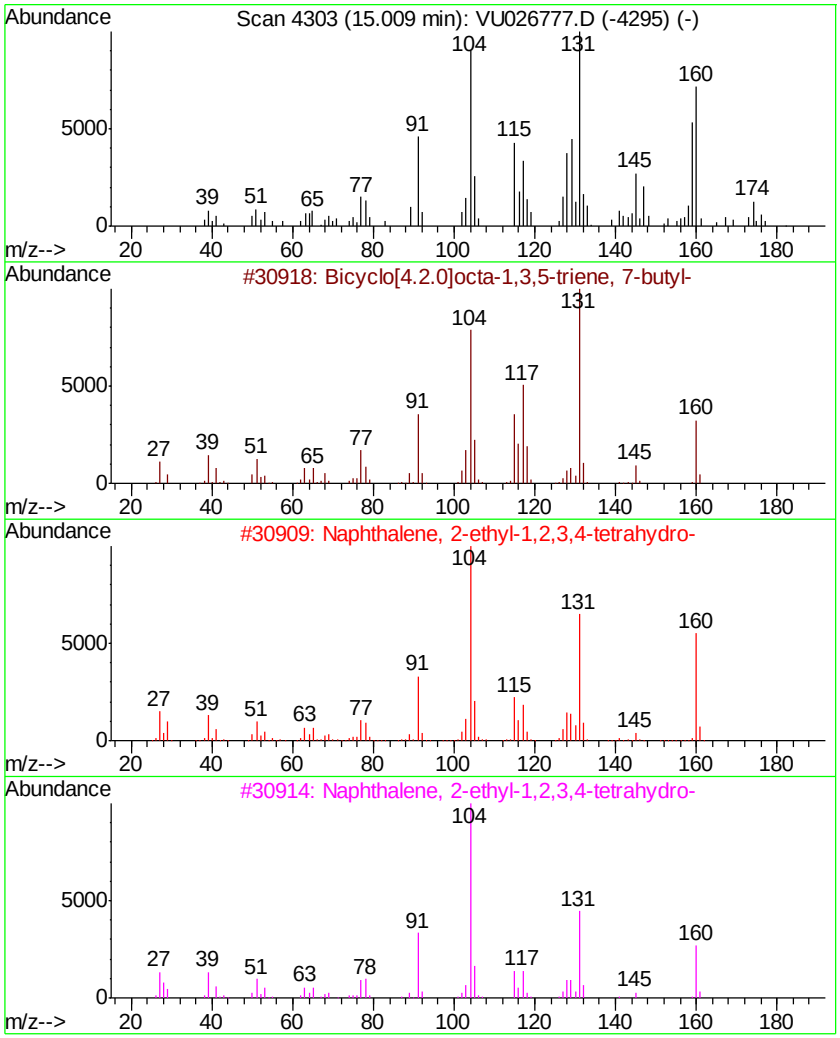
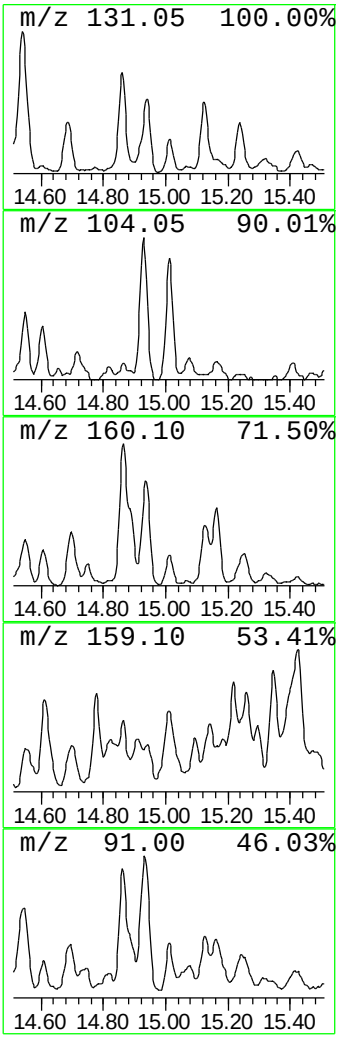
Peak Number 23 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	1.01 ug/L	76411	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	160	C12H16	078920-29-3	83
2	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	64
3	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	49
4	Benzene, (2,4-dimethylcyclopentyl)-	174	C13H18	074421-27-5	43
5	Naphthalene, 1,2-dihydro-6-methoxy-	160	C11H12O	060573-58-2	42





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Data File : VU026777.D
Acq On : 15 Sep 2018 14:57
Operator : MD/SY
Sample : J4864-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D11

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Quant Title : TRACE VOA SOM01.0

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

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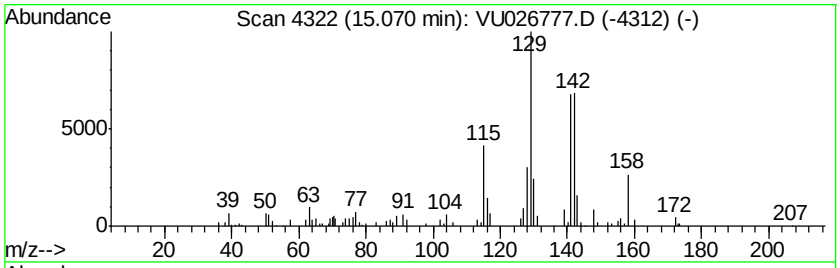
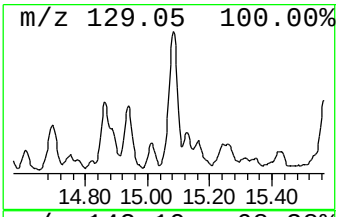
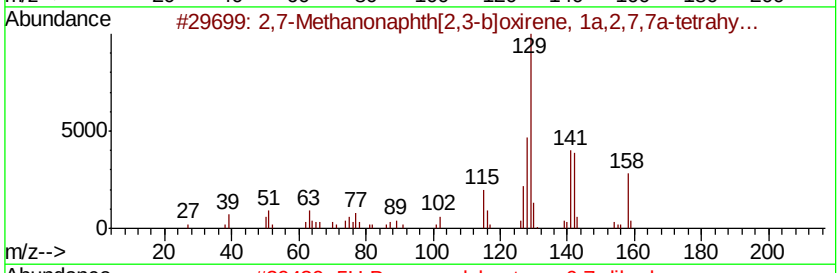
Peak Number 24 2,7-Methanonaphth[2,3-b]oxi... Concentration Rank 14

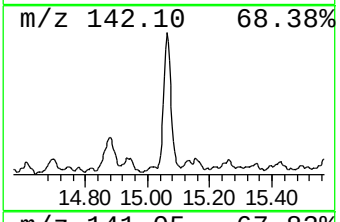
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	1.77 ug/L	133710	1,4-Dichlorobenzene-d4	11.48

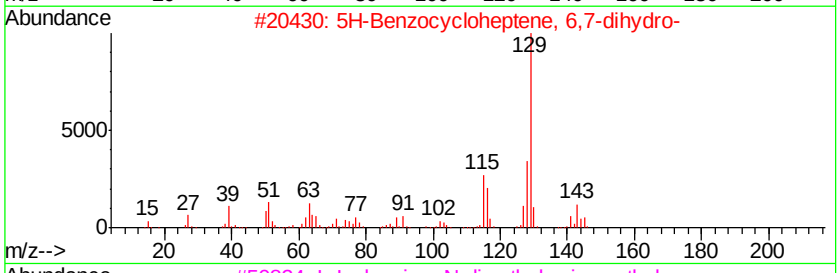
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,7-Methanonaphth[2,3-b]oxirene,...	158	C11H10O	013137-34-3	80
2	5H-Benzocycloheptene, 6,7-dihydro-	144	C11H12	007125-62-4	38
3	L-Isoleucine, N-dimethylaminomet...	186	C9H18N2O2	1000375-63-0	33
4	Hexa-2,4-dienylbenzene	158	C12H14	079482-86-3	32
5	1-Naphthalenemethanol	158	C11H10O	004780-79-4	32

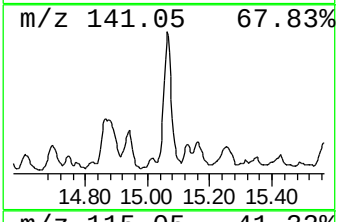


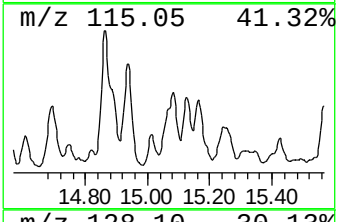


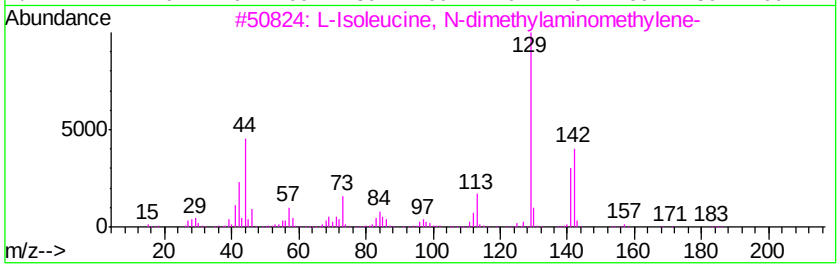


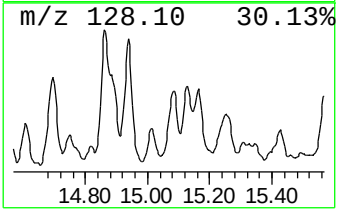












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
Data File : VU026777.D
Acq On : 15 Sep 2018 14:57
Operator : MD/SY
Sample : J4864-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0

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

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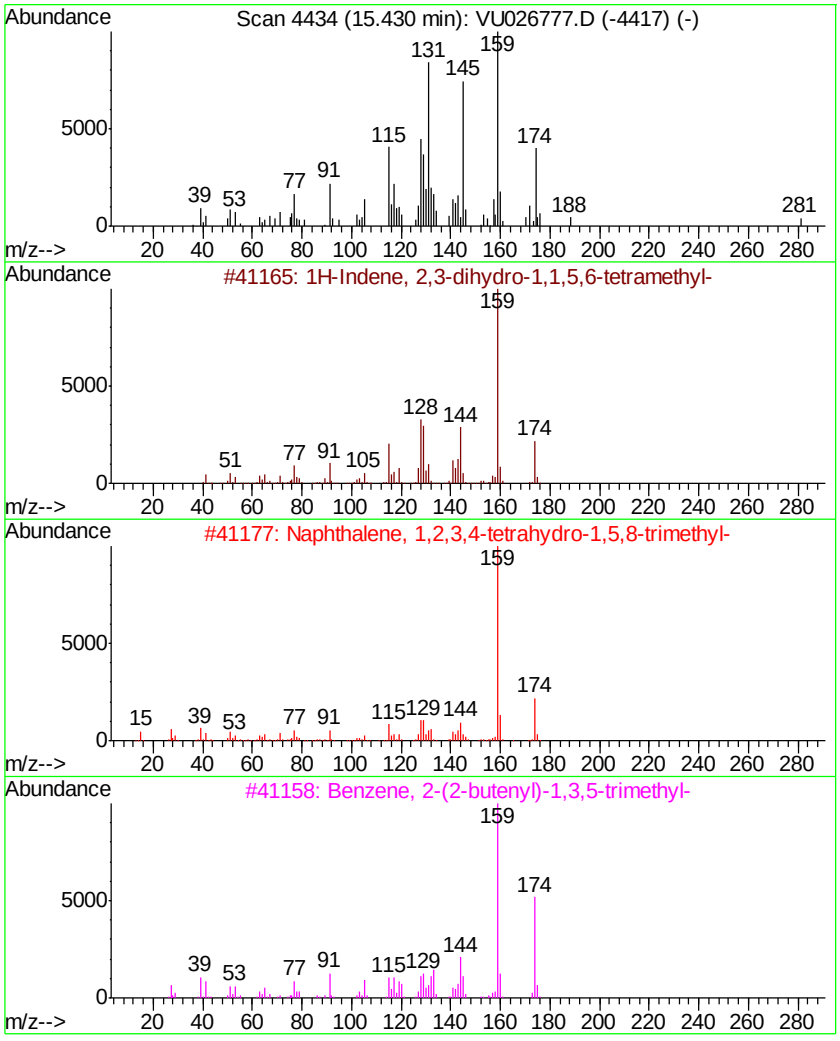
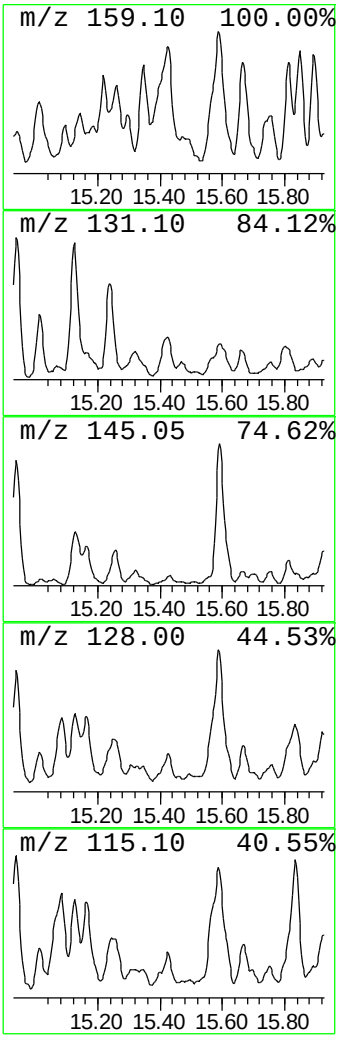
Peak Number 28 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	0.95 ug/L	71659	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,5,6-t...	174	C13H18	000942-43-8	60
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	60
3	Benzene, 2-(2-butenyl)-1,3,5-tri...	174	C13H18	063435-25-6	50
4	1H-Inden-1-one, 2,3-dihydro-3,4,...	174	C12H14O	035322-84-0	47
5	Ethanone, 1-[4-(1-methyl-2-prope...	174	C12H14O	109586-49-4	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
Data File : VU026777.D
Acq On : 15 Sep 2018 14:57
Operator : MD/SY
Sample : J4864-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0

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

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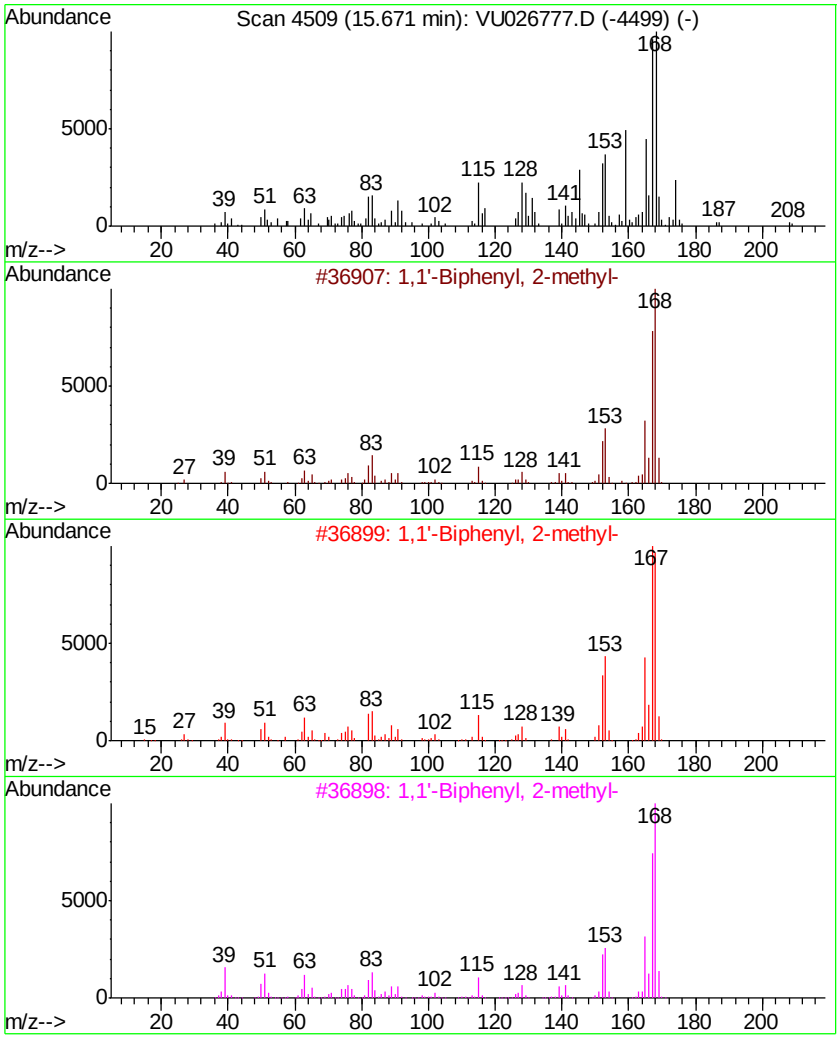
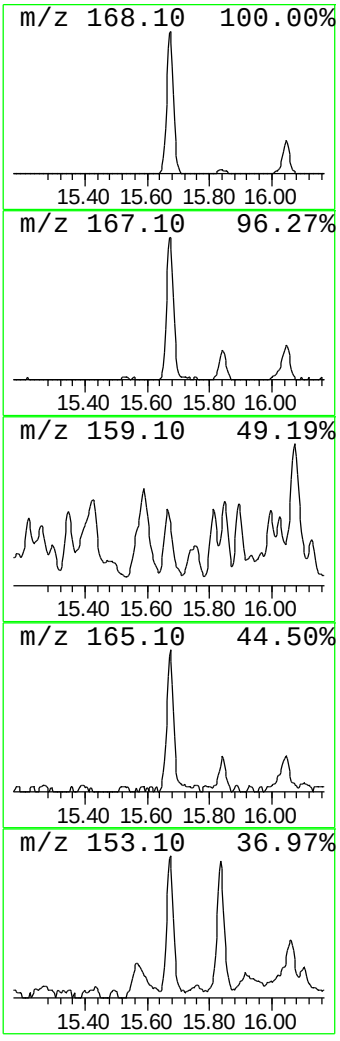
Peak Number 30 1,1'-Biphenyl, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	1.65 ug/L	124604	1,4-Dichlorobenzene-d4	11.48

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	95
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	92
4	Diphenylmethane	168	C13H12	000101-81-5	91
5	Diphenylmethane	168	C13H12	000101-81-5	78





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091618\
Data File : VU026777.D
Acq On : 15 Sep 2018 14:57
Operator : MD/SY
Sample : J4864-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0

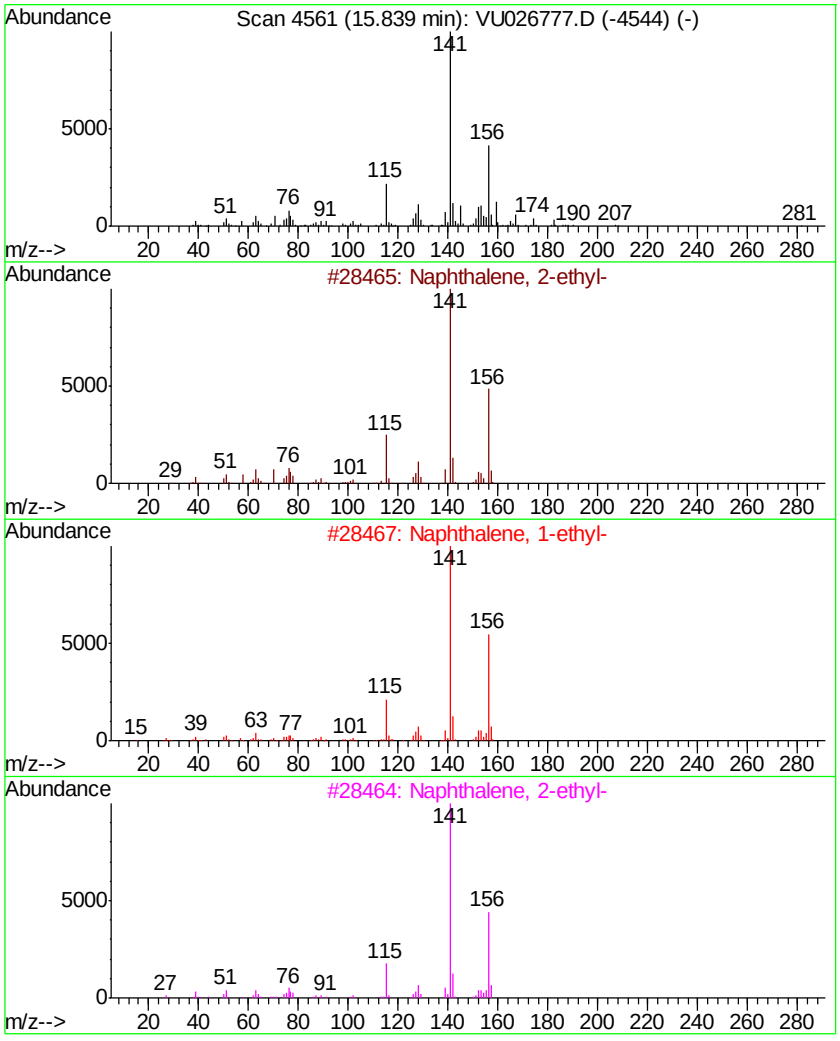
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

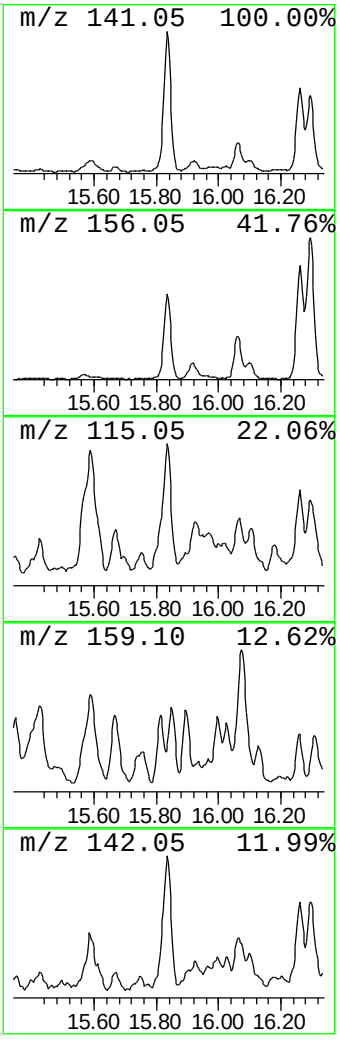
****

Peak Number 31 Naphthalene, 1-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	3.04 ug/L	229779	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
Data File : VU026777.D
Acq On : 15 Sep 2018 14:57
Operator : MD/SY
Sample : J4864-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0

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

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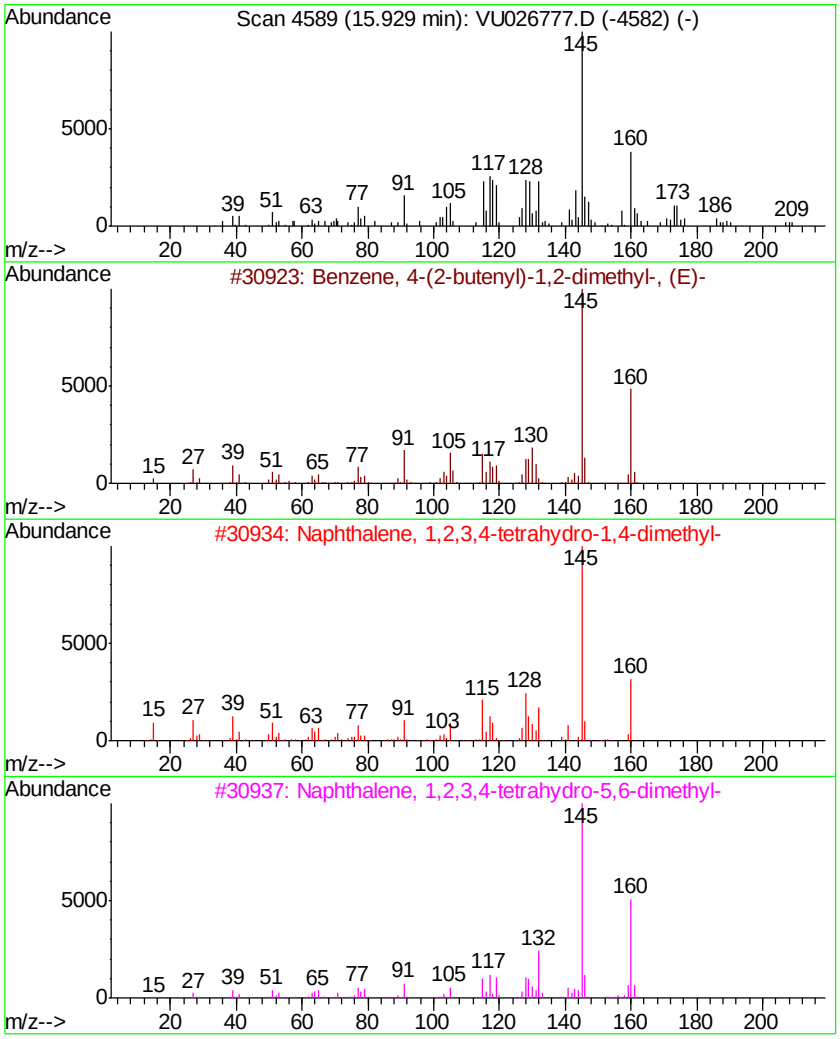
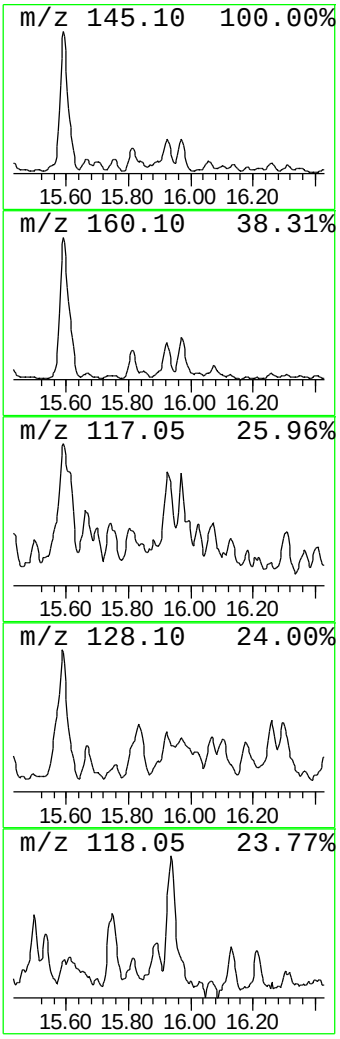
Peak Number 32 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	0.65 ug/L	48917	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	89
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	81
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	76
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
Data File : VU026777.D
Acq On : 15 Sep 2018 14:57
Operator : MD/SY
Sample : J4864-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0

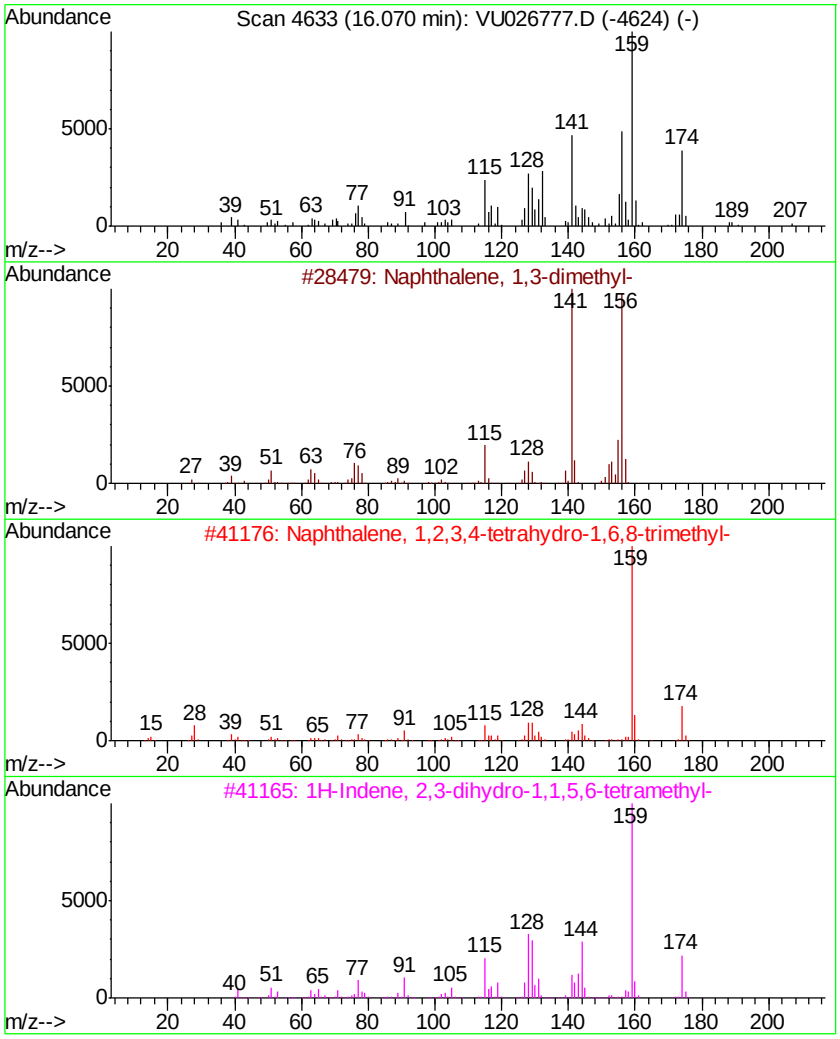
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

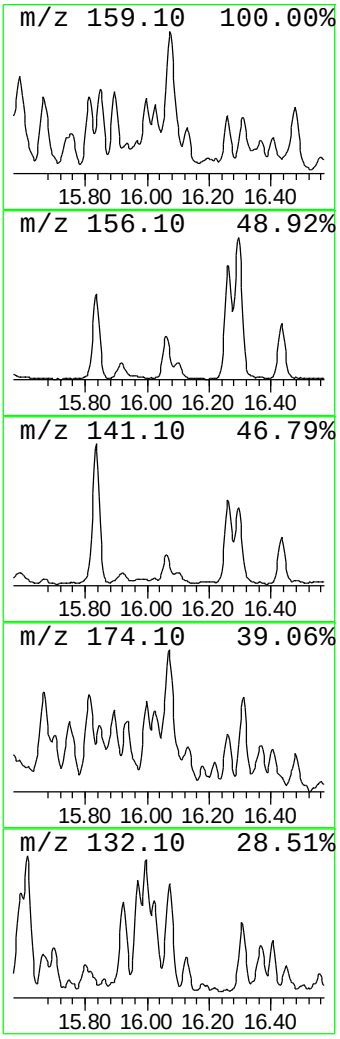
****

Peak Number 33 Naphthalene, 1,3-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	0.83 ug/L	62443	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	70
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	60
3	1H-Indene, 2,3-dihydro-1,1,5,6-t...	174	C13H18	000942-43-8	60
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	022824-32-4	55
5	1H-Indene, 2,3-dihydro-1,1,4,7-t...	174	C13H18	001078-04-2	49





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
Data File : VU026777.D
Acq On : 15 Sep 2018 14:57
Operator : MD/SY
Sample : J4864-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0

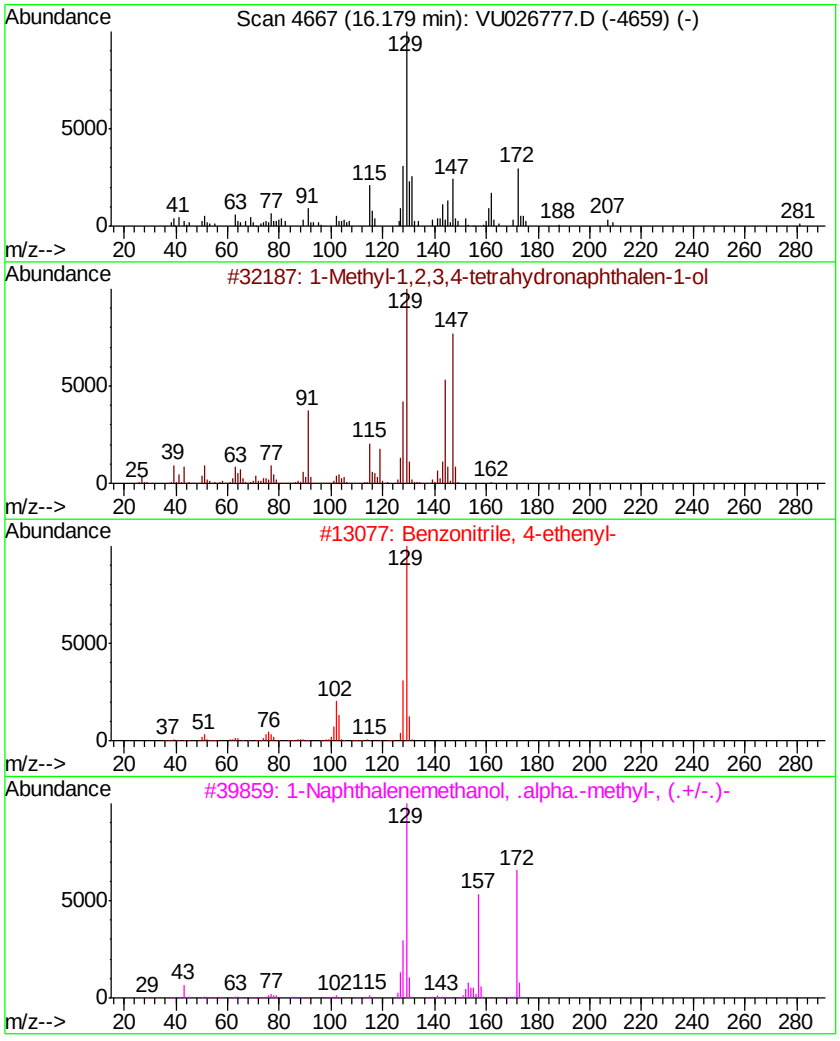
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

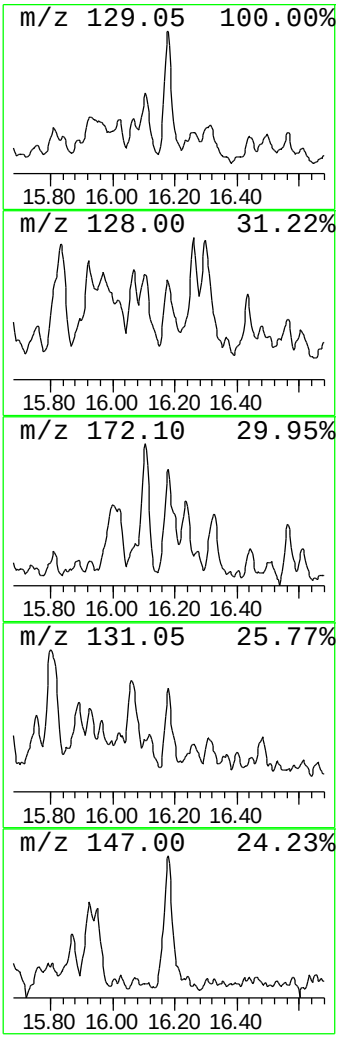
****

Peak Number 34 unknown-01 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	0.71 ug/L	53646	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-1,2,3,4-tetrahydronapht...	162	C11H14O	014944-28-6	43
2	Benzonitrile, 4-ethenyl-	129	C9H7N	003435-51-6	38
3	1-Naphthalenemethanol, .alpha.-m...	172	C12H12O	057605-95-5	38
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	144	C11H12	071721-26-1	38
5	4-Chloro-6-aminopyrimidine	129	C4H4ClN3	005305-59-9	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091618\
Data File : VU026777.D
Acq On : 15 Sep 2018 14:57
Operator : MD/SY
Sample : J4864-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0

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

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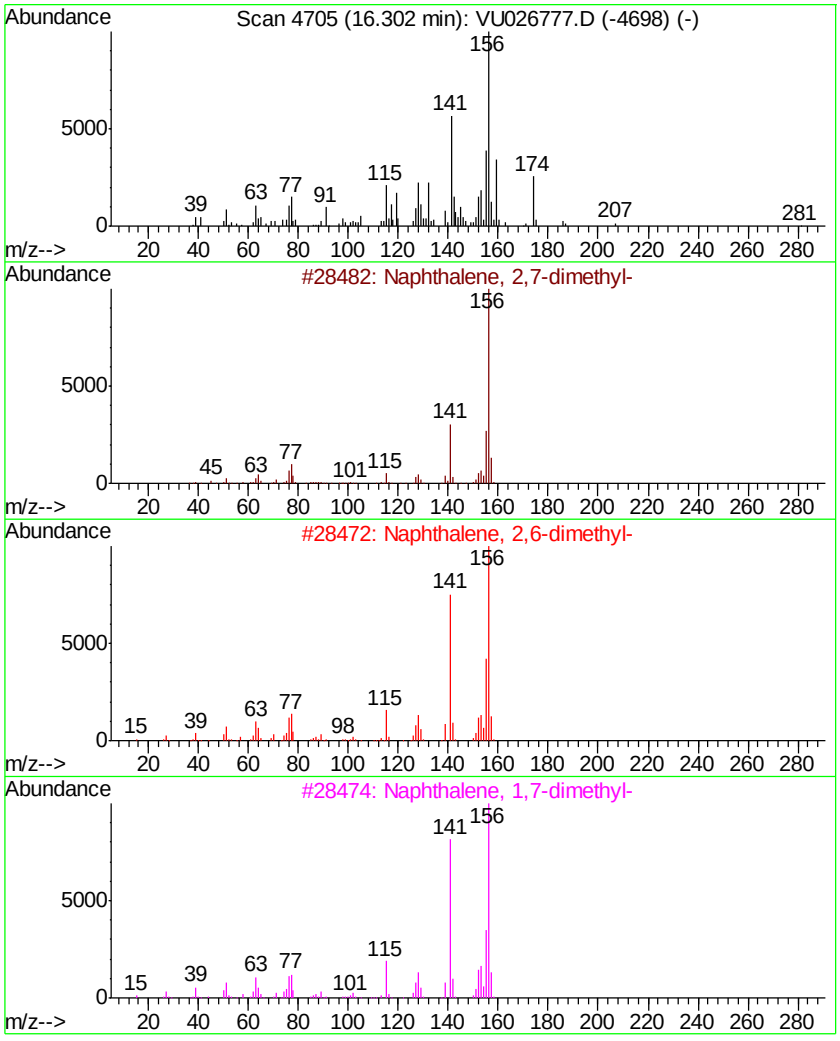
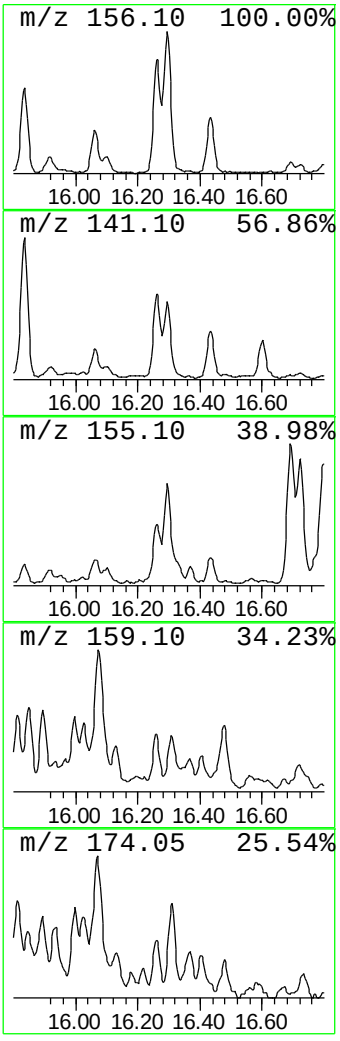
Peak Number 36 Naphthalene, 2,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	2.03 ug/L	153029	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091618\
Data File : VU026777.D
Acq On : 15 Sep 2018 14:57
Operator : MD/SY
Sample : J4864-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0

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

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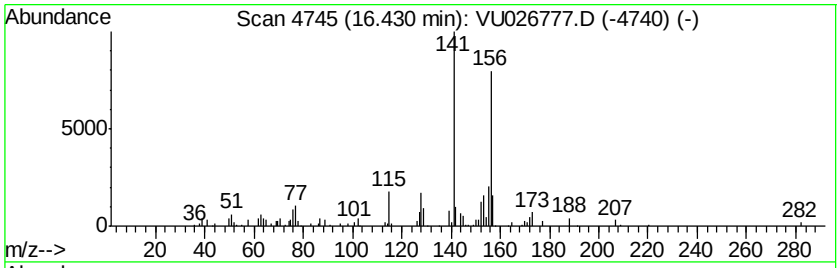
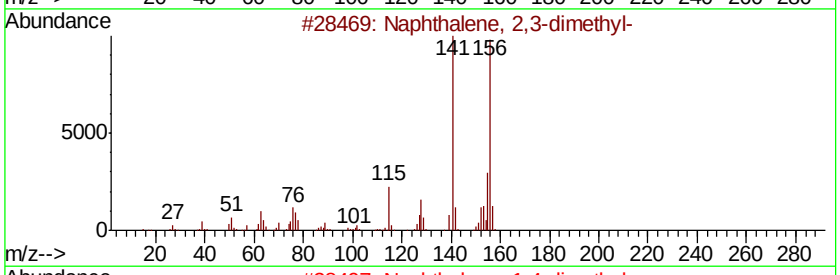
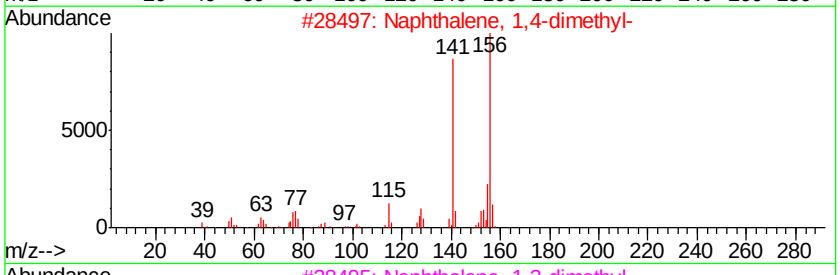
Peak Number 37 Naphthalene, 2,3-dimethyl- Concentration Rank 42

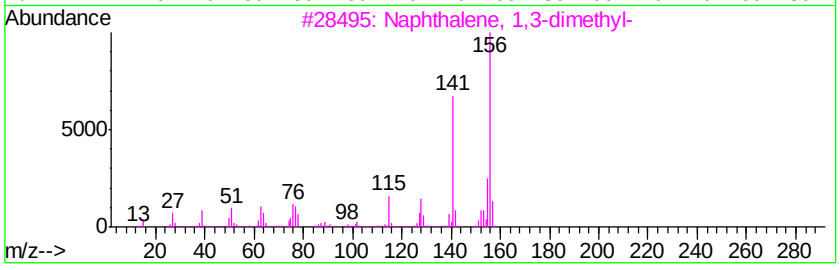
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	0.59 ug/L	44853	1,4-Dichlorobenzene-d4	11.48

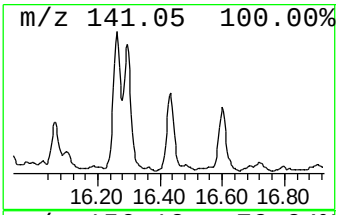
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93

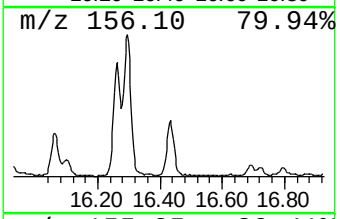


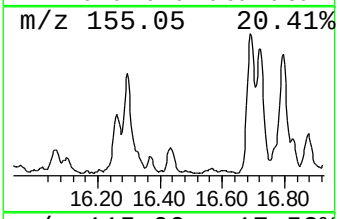


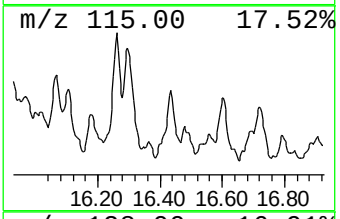


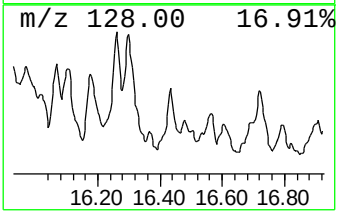












Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091618\
Data File : VU026777.D
Acq On : 15 Sep 2018 14:57
Operator : MD/SY
Sample : J4864-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0

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

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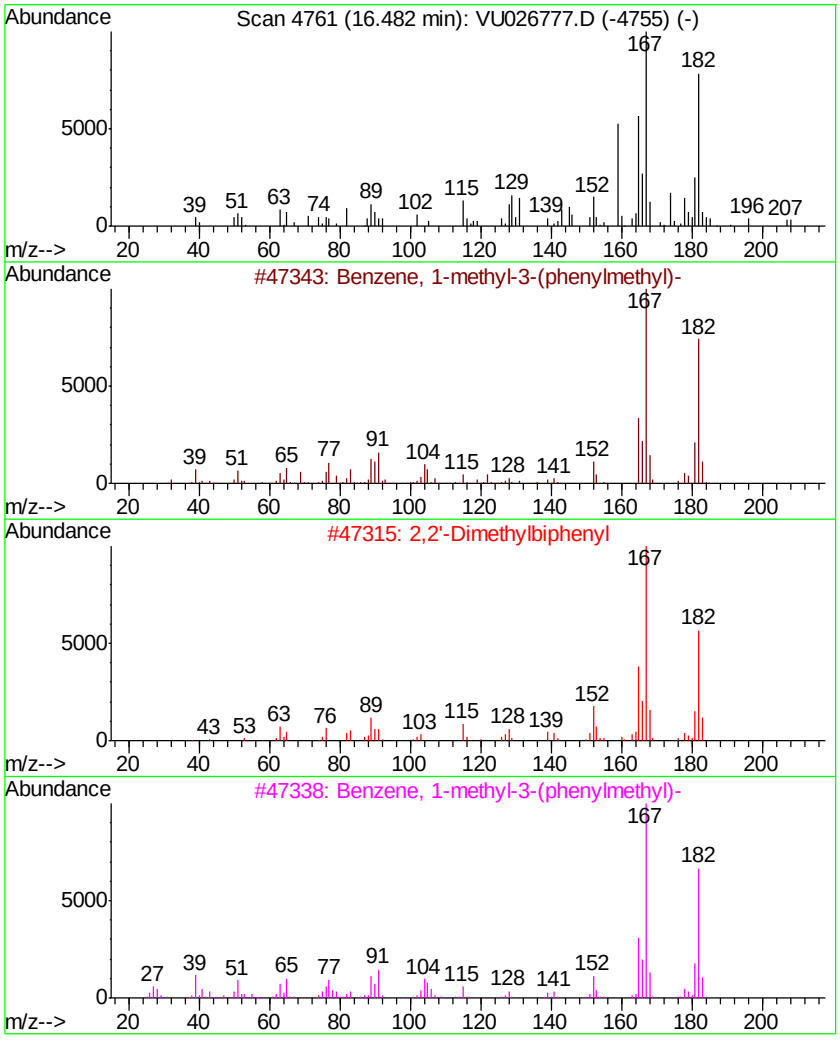
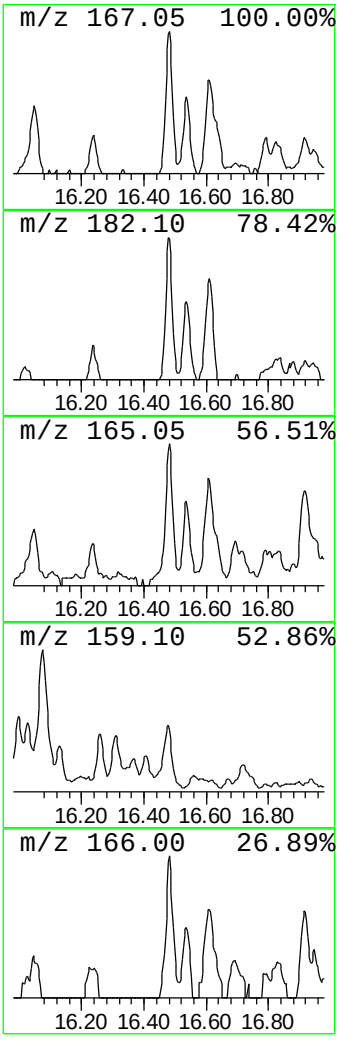
Peak Number 38 Benzene, 1-methyl-3-(phenyl... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.48	0.62 ug/L	47163	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	86
2	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	70
3	Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	70
4	Benzene, 1-methyl-2-(phenylmethyl)-	182	C14H14	000713-36-0	64
5	Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091618\
Data File : VU026777.D
Acq On : 15 Sep 2018 14:57
Operator : MD/SY
Sample : J4864-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0

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

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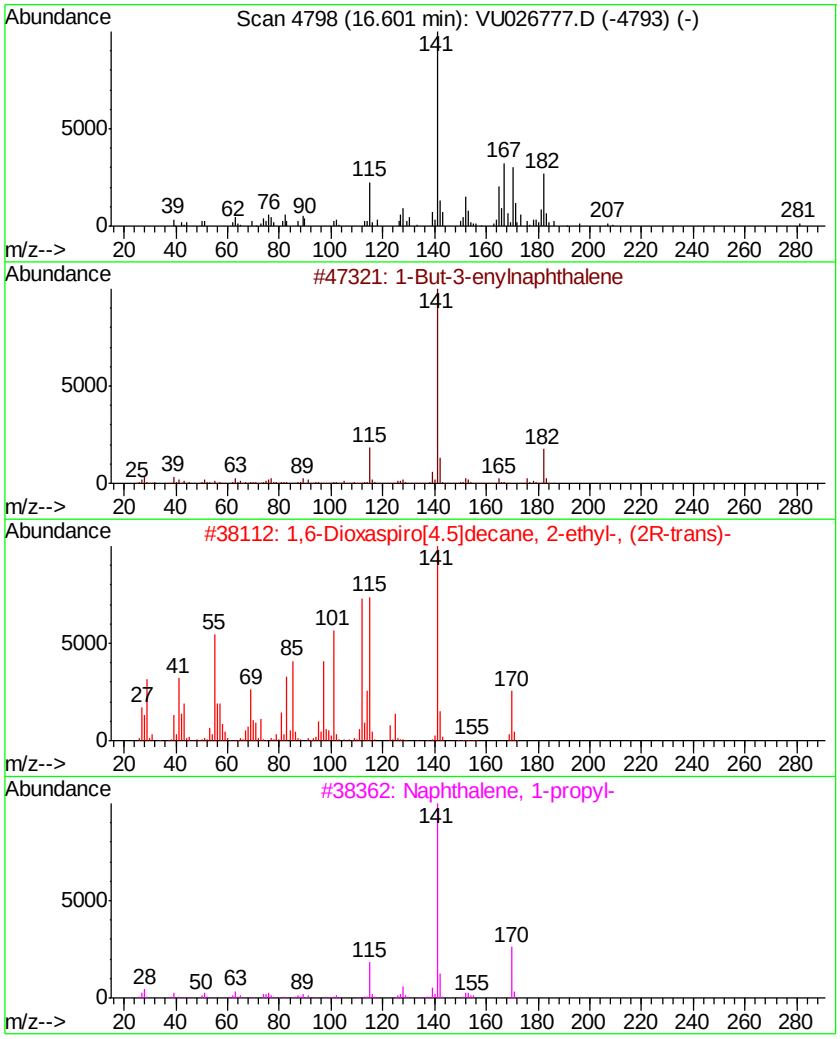
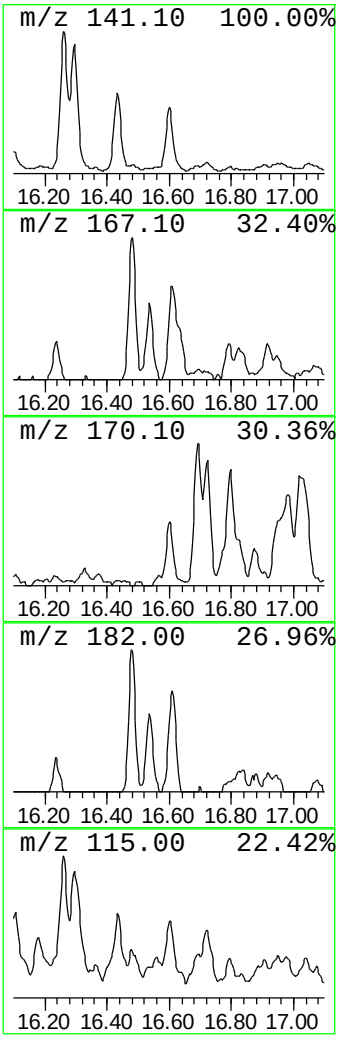
Peak Number 39 unknown-02 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	0.84 ug/L	63800	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-But-3-enylnaphthalene	182	C14H14	002489-88-5	41
2	1,6-Dioxaspiro[4.5]decane, 2-eth...	170	C10H18O2	076495-09-5	38
3	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	35
4	Glycine, N-(2,6-difluorobenzoyl)...	271	C13H15F2NO3	1000314-44-0	32
5	1-Naphthalenecarboxaldehyde, 4-m...	170	C12H10O	033738-48-6	25





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
Data File : VU026777.D
Acq On : 15 Sep 2018 14:57
Operator : MD/SY
Sample : J4864-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0

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

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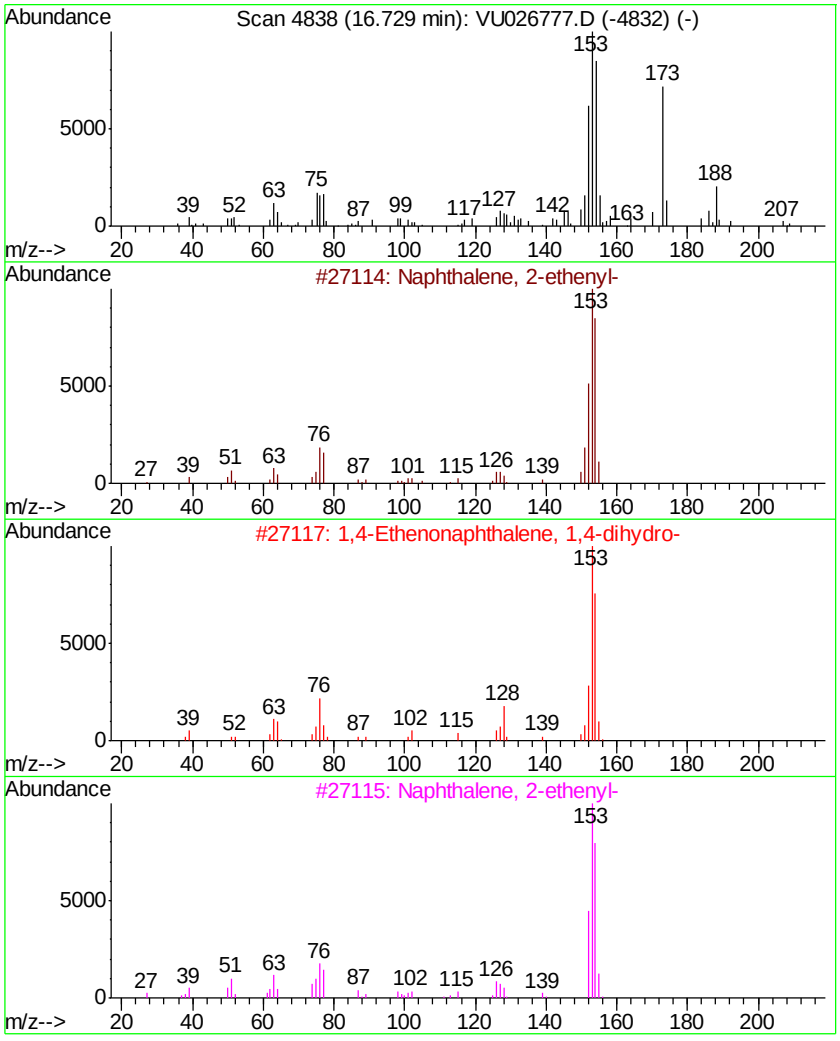
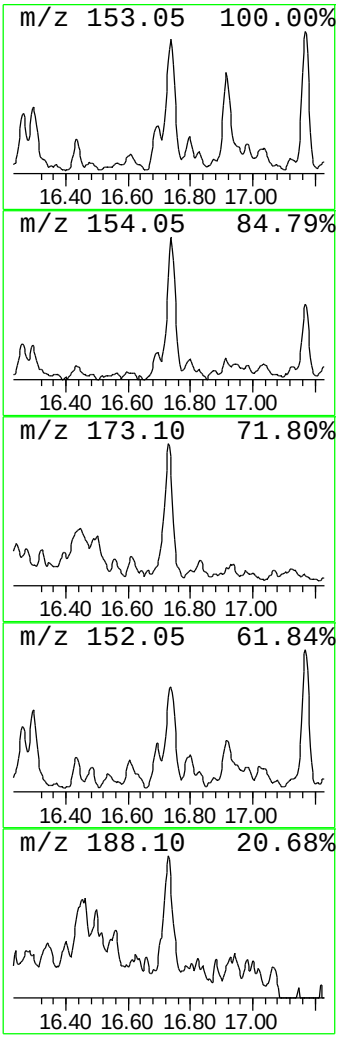
Peak Number 40 unknown-03 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	1.24 ug/L	93405	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	46
2	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	42
3	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	35
4	1,1,4,5,6-pentamethyl-2,3-dihydr...	188	C14H20	1000374-13-8	35
5	Benzene, (2,4-cyclopentadien-1-y...	154	C12H10	007338-50-3	35





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
Data File : VU026777.D
Acq On : 15 Sep 2018 14:57
Operator : MD/SY
Sample : J4864-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0

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

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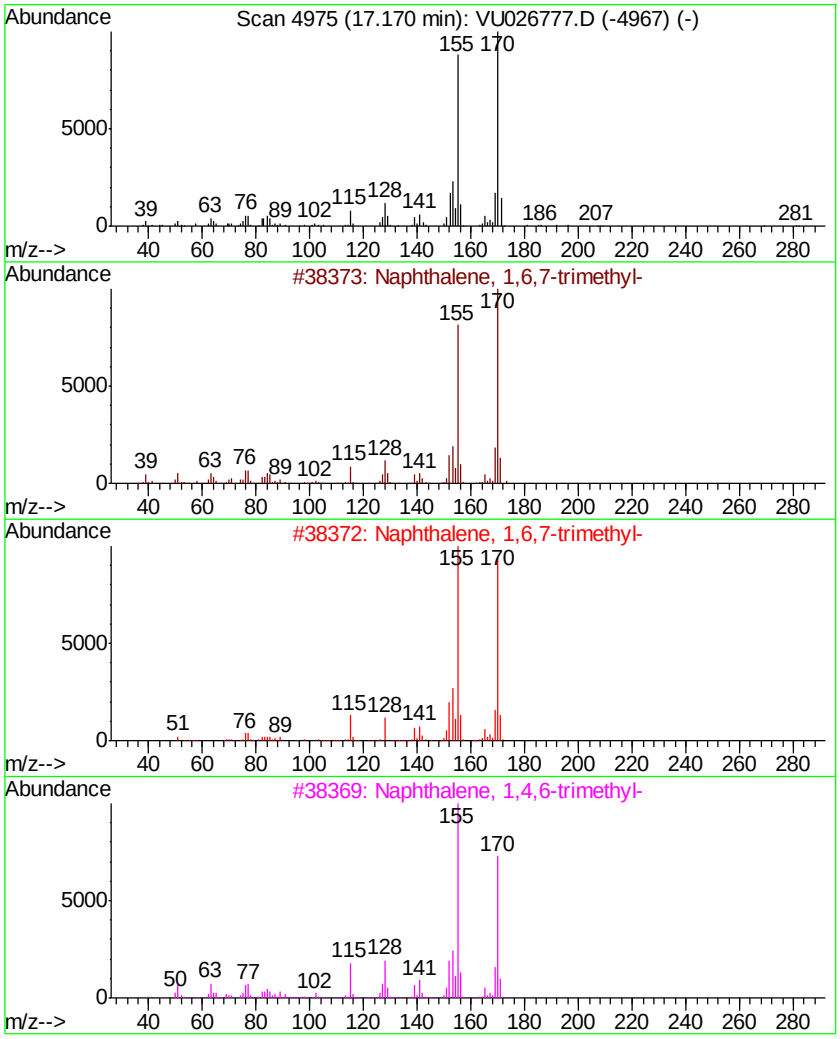
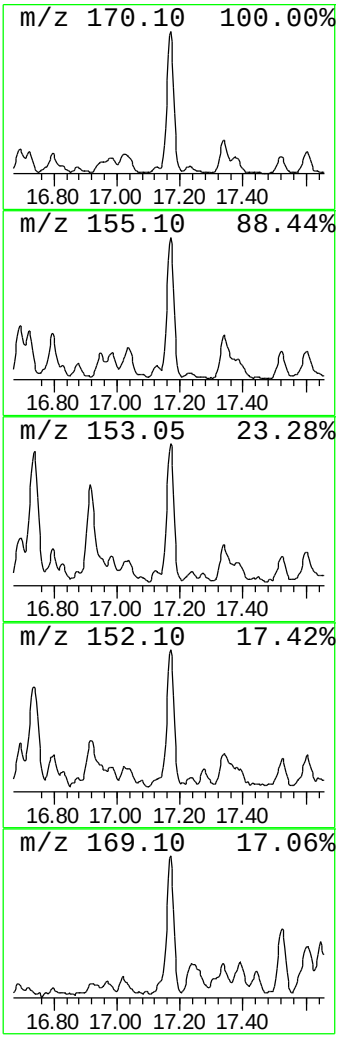
Peak Number 41 Naphthalene, 1,6,7-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	2.50 ug/L	188436	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091618\
Data File : VU026777.D
Acq On : 15 Sep 2018 14:57
Operator : MD/SY
Sample : J4864-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
Quant Title : TRACE VOA SOM01.0

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

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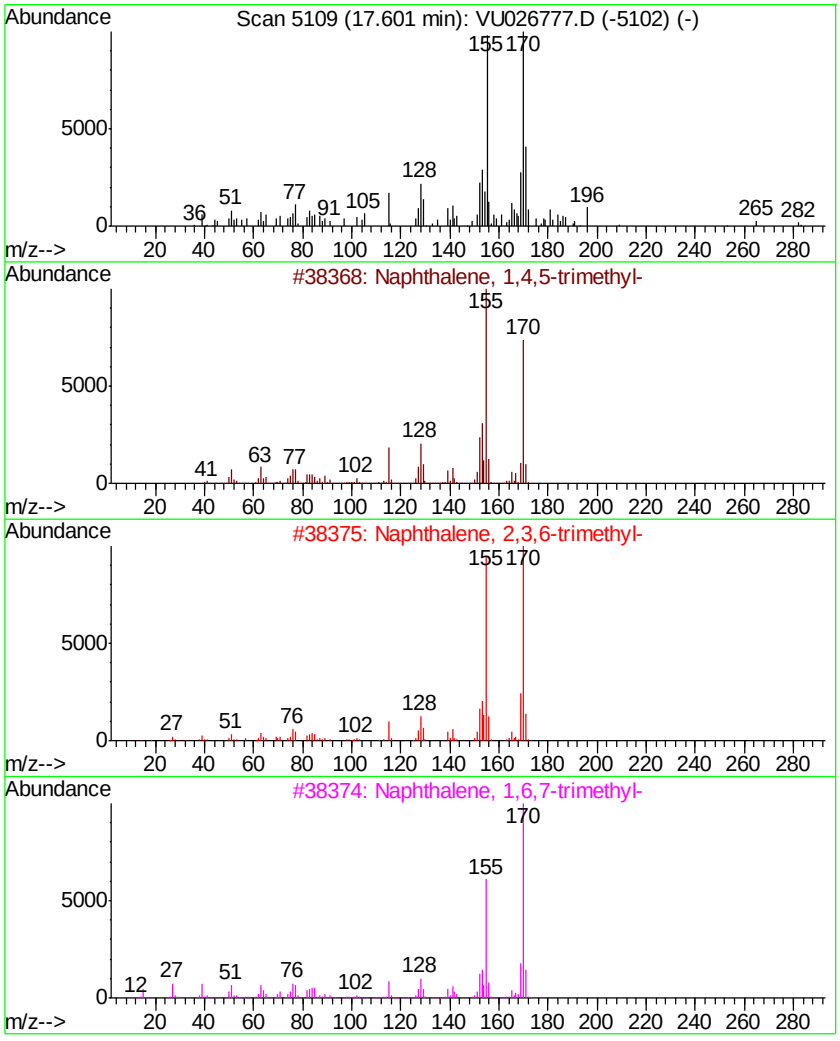
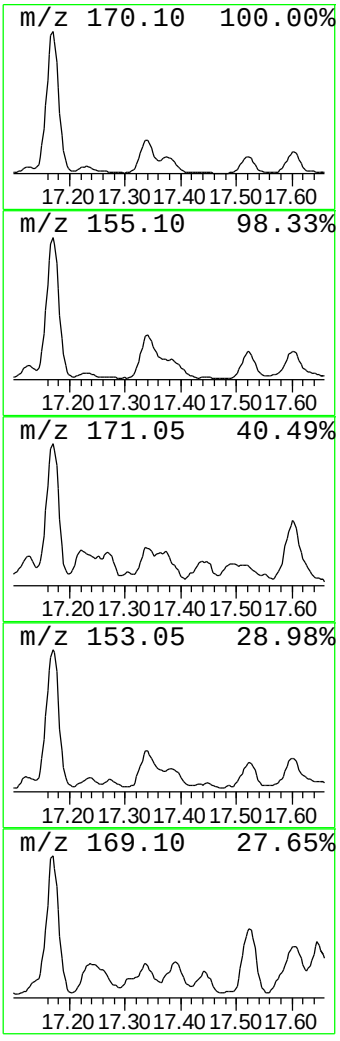
Peak Number 44 Naphthalene, 1,4,5-trimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.60	0.54 ug/L	40503	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	81
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
Data File : VU026777.D
Acq On : 15 Sep 2018 14:57
Operator : MD/SY
Sample : J4864-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0D11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.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	11.77	0.8	ug/L	58921	3	11.48	377532	5.0
Benzene, (1-methy...	12.36	0.5	ug/L	38614	3	11.48	377532	5.0
Benzene, 1,2,4,5-...	12.65	1.1	ug/L	80382	3	11.48	377532	5.0
1H-Indene, 2,3-di...	12.79	0.6	ug/L	45430	3	11.48	377532	5.0
Benzene, (1,2-dim...	12.93	1.6	ug/L	119610	3	11.48	377532	5.0
1H-Indene, 2,3-di...	13.46	0.7	ug/L	49392	3	11.48	377532	5.0
3,4-Dimethylcumene	13.51	1.3	ug/L	98489	3	11.48	377532	5.0
Benzene, 1-(1-met...	13.74	0.7	ug/L	50833	3	11.48	377532	5.0
Naphthalene, 1,2,...	13.86	4.8	ug/L	361734	3	11.48	377532	5.0
Benzene, (3-methy...	13.95	5.7	ug/L	426770	3	11.48	377532	5.0
1H-Indene, 2,3-di...	14.02	0.7	ug/L	53529	3	11.48	377532	5.0
Benzene, 2-etheny...	14.15	0.9	ug/L	65811	3	11.48	377532	5.0
Benzene, pentamet...	14.48	2.2	ug/L	163080	3	11.48	377532	5.0
Benzene, (2-methy...	14.54	3.0	ug/L	229204	3	11.48	377532	5.0
Bicyclo[4.2.0]oct...	15.01	1.0	ug/L	76411	3	11.48	377532	5.0
2,7-Methanonaphth...	15.07	1.8	ug/L	133710	3	11.48	377532	5.0
1H-Indene, 2,3-di...	15.43	0.9	ug/L	71659	3	11.48	377532	5.0
1,1'-Biphenyl, 2-...	15.67	1.6	ug/L	124604	3	11.48	377532	5.0
Naphthalene, 1-et...	15.84	3.0	ug/L	229779	3	11.48	377532	5.0
Benzene, 4-(2-but...	15.93	0.7	ug/L	48917	3	11.48	377532	5.0
Naphthalene, 1,3-...	16.07	0.8	ug/L	62443	3	11.48	377532	5.0
unknown-01	16.18	0.7	ug/L	53646	3	11.48	377532	5.0
Naphthalene, 2,7-...	16.30	2.0	ug/L	153029	3	11.48	377532	5.0
Naphthalene, 2,3-...	16.43	0.6	ug/L	44853	3	11.48	377532	5.0
Benzene, 1-methyl...	16.48	0.6	ug/L	47163	3	11.48	377532	5.0
unknown-02	16.60	0.8	ug/L	63800	3	11.48	377532	5.0
unknown-03	16.73	1.2	ug/L	93405	3	11.48	377532	5.0
Naphthalene, 1,6,...	17.17	2.5	ug/L	188436	3	11.48	377532	5.0
Naphthalene, 1,4,...	17.60	0.5	ug/L	40503	3	11.48	377532	5.0